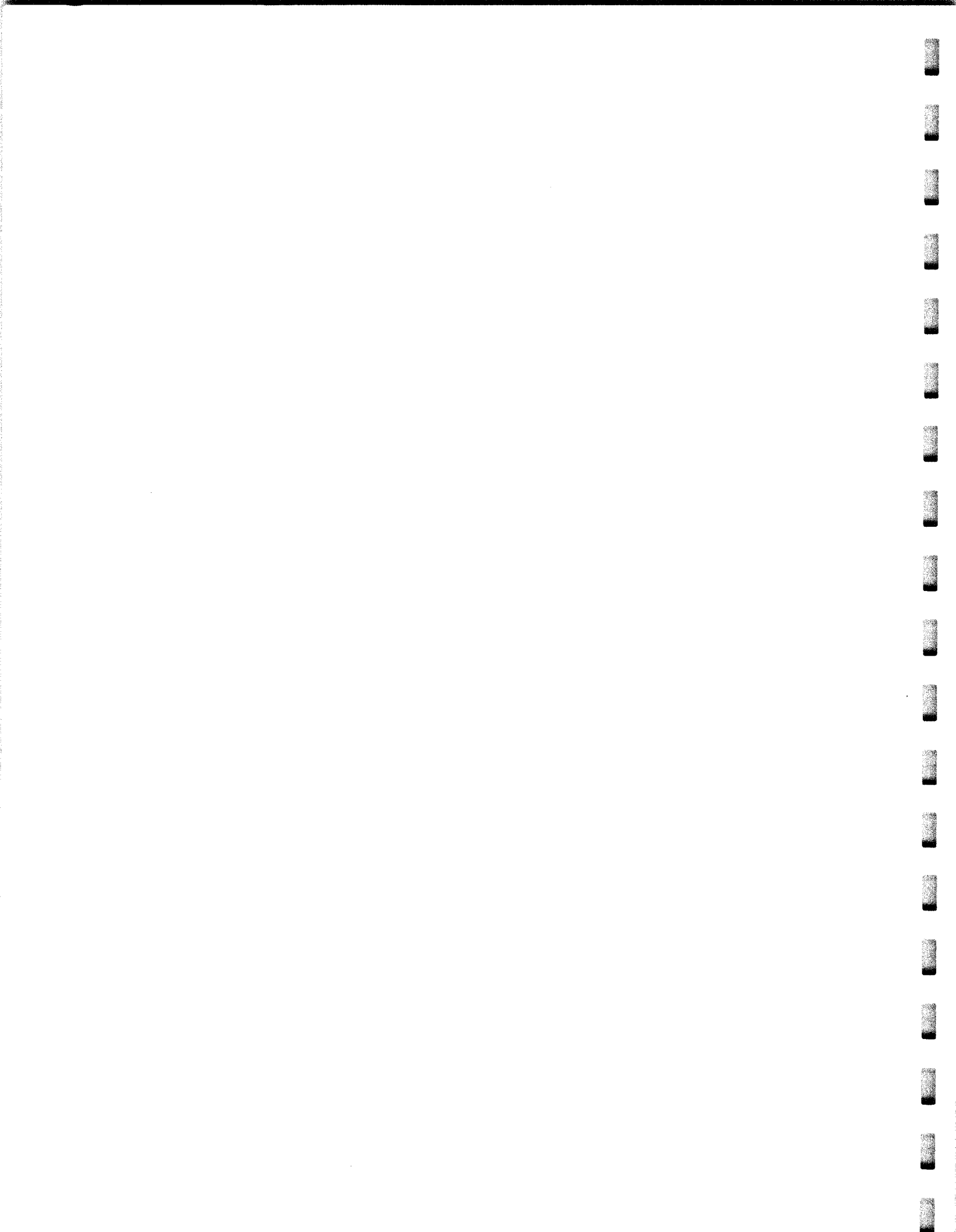


Section IV. ARMY-NAVY DESIGNATIONS

NAVSHIPS 900,109



Army-Navy Designations

4-1

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | | |
|--|----------------------------|-------------------------------|--|--------------------|-------------------------------|--|--------------------|-------------------------------|----------------------------|-------------------------------|
| <p>COMPONENT INDICATORS "AB" ANTENNA BASE</p> <p>MAST BASES AND ANTENNA SUPPORTS</p> | | | <p>AB-42/CPN-6 USED TO SUPPORT ANTENNA ASSEMBLY AS-119/CPN-6. SIMILAR TO ANTENNA SUPPORT AB-18/CPN-8 EXCEPT FOR THE PLUMBING CLAMPS. THE CLAMPS ON ANTENNA SUPPORT AB-18/CPN-8 ARE FOR "S" BAND PLUMBING AND THE CLAMPS ON ANTENNA MAST ASSEMBLY AB-42/CPN-6 ARE "X" BAND PLUMBING.</p> | | | <p>AB-90/CPN-17 SUPPORT ANTENNA ASSEMBLY AS-221/CPN-17. SIMILAR TO ANTENNA SUPPORT AB-18/CPN-8 EXCEPT HAS SUPPORTING CLAMPS FOR WAVE GUIDE INSTEAD OF FOR STUB COAXIAL LINE.</p> | | | | |
| <p>AB-2/CPN-3 AN/CPN-3 ANTENNA SUPPORT: CONSISTS OF 4 MAST SECTIONS: 1 LOWER, 1 INTERMEDIATE, 2 UPPER; ONE MAST PLATE; 1 MAST HOLDER ASSEMBLY; 3 GUY WIRES; 3 ANCHOR PINS AND ONE GUY COLLAR. OVERALL HEIGHT APPROXIMATELY 17 FEET.</p> <p>4/9/43 CPR:558-4644 CPR:5LO-852 NOV. 43</p> | | | <p>AB-56/CPN-6 AN/CPN-6 YARDARM ANTENNA MOUNTING: CONFIDENTIAL YARDARM MOUNTING FOR ANTENNA ASSEMBLY AS-118/CPN-6. INCLUDE FOUR SPECIAL FORM 1" X 1/2" WAVE GUIDE TRANSMISSION LINES WITH WAVE GUIDE CLAMPS, A BASE PLATE WITH MOUNTING BOLTS, A 1' PIECE OF 2" PIPE WITH FLANGES AND LOCKNUTS. SIZE 9/9/44 SEPT. 44</p> | | | <p>AB-95/UP AN/UPA-3.6 RESTRICTED ANTENNA PEDESTAL: ANTENNA PEDESTAL TO PROVIDE MOUNTING FOR ANTENNA ASSEMBLY AS-276/UP OR AS-277/UP. INCLUDES NAVY TYPE 5CT SYNCHRO TRANSFORMER, 1/4 HP MOTOR, GEAR TRAIN AND ROTATING JOINTS. OBTAINS POWER FROM SERVO AMPLIFIER AM-114/UP. 4/18/45 APR. 45</p> | | | | |
| <p>AB-18/CPN-8 AN/CPN-8 ANTENNA SUPPORT INSTALLATION - AIR TRANSPORTABLE; TYPE OF EQUIPMENT - RADAR; PURPOSE - FOR SUPPORTING ANTENNA HEAD. CONSISTS OF FOUR MAST SECTIONS, THREE 5 FT. SECTIONS AND ONE 5 FT. SECTION WITH BALL ON LOWER END. 2 BASE PLATES ONE FOR SOFT 12/23/43 OCT. 44</p> | | | <p>AB-56/CPN-6 APPROX. 18" X 18" X 6". USED FOR SHIPBOARD INSTALLATION OF AN/CPN-6. FIRST PROCURED ON NXsr 55601 (DEV.) NXsr 65337 (PROD.).</p> | | | <p>COMPONENT INDICATOR "AM" AMPLIFIER</p> <p>POWER, AUDIO, INTERPHONE, RADIO-FREQUENCY, PANORAMIC, ETC.</p> | | | | |
| <p>AB-18/CPN-8 GROUND AND ONE FOR HARD GROUND. 3 GUY WIRE ANCHORS, 3 GUY WIRES, 1 GUY SLEEVE, 4 PLUMBING CLAMPS, 2 SPANNER WRENCHES, AND 3 GROUND PINS. OVERALL HEIGHT OF MAST APPROXIMATELY 20 FT. METAL TUBING IS 3 1/2" IN DIAMETER AND SECTIONS HAVE THREADED PIPE INSERTS WHICH PERMIT DISMANTLING.</p> | | | <p>AB-73/TPS-9 AN/TPS-9 CONFIDENTIAL ANTENNA SUPPORT: ANTENNA SUPPORT CONSISTING OF A 15 FT. SECTION OF HOLLOW PLYWOOD MAST WHICH IS ALSO USED TO SUPPORT THE TENT-CARRYING CASE AND DRIVE UNIT WHICH IS ATTACHED TO THE BOTTOM OF THE MAST. THE DRIVE UNIT MAYBE MANUALLY OR AUTOMATICALLY OPERATED 9/27/44 CAY: CAY:T-7613911 SEPT. 44 DL-7502632 G2</p> | | | <p>AM-1/ASQ-1 AN/ASQ-1 AMPLIFIER: CONFIDENTIAL SET BOX; RECEIVES SIGNALS FROM HEAD UNIT DT-1/ASQ-1 AND DRIVES INDICATING AND RECORDING METERS AND THE STABILIZING MECHANISM.</p> <p>1/29/43 CLU: AUG. 43 CLX:CGO:</p> | | | | |
| <p>AB-20/APA-24 AN/APA-24 RE 13A 862A ANTENNA BASE: CONSISTS OF A SINGLE STREAMLINED STRUT USED AS A SUPPORT FOR ANTENNA ASSEMBLY AS-84/APA-24 AND CONTAINING A ROTATING SHAFT PROVIDED WITH A GEAR SYSTEM TO BE USED WITH ANTENNA POSITIONING ASSEMBLY MX-110/APA-24. 1/24/44 FEB. 44</p> | | | <p>AB-73/TPS-9 OR BOTH AT THE SAME TIME BY MEANS OF A SMALL DC MOTOR. THE TENT FORMS A SQUARE BASE 6 FT. SQUARE AND IS ALSO USED AS A CARRYING CASE. WEIGHT: 78 LBS.</p> | | | <p>AM-2/FRC AN/FRT-1 AMPLIFIER: COMPRISES A SINGLE STAGE VACUUM TUBE AMPLIFIER AND POWER SUPPLY FOR USE WITH CARBON MICROPHONE AND MODULATOR MD-1/FRC PROVIDES PUSH-BUTTON CARRIER CONTROL OF RADIO TRANSMITTER T-4/FRC OR RADIO TRANSMITTER T-5/FRC. POWER SOURCE 115 12/22/43 CKV: CKV:MX-07169 JUN. 44</p> | | | | |
| <p>AB-25/ARD-3 AN/ARD-3 ANTENNA BASE: CONSISTS OF A SINGLE STREAMLINED STRUT USED AS A SUPPORT FOR ANTENNA ASSEMBLY AS-86/ARD-3 AND CONTAINING A ROTATING SHAFT PROVIDED WITH A GEAR SYSTEM TO BE USED WITH ANTENNA POSITIONING ASSEMBLY MX-110/APA-24. SIMILAR TO AB-20/APA-24 2/7/44 CAKS: FEB. 44</p> | | | <p>AB-84/GHQ-5 AN/GHQ-5 CONFIDENTIAL ANTENNA BASE: VERTICAL MOUNTING PIPE TO WHICH ANTENNA ASSEMBLY AS-223/GHQ-5 IS ATTACHED. PIPE EXTENDS FROM FLOOR TO CEILING OF ENCLOSING ANTENNA ROOM AND REVOLVES BETWEEN BEARINGS FASTENED TO FLOOR AND CEILING AT EACH END. GEARING AT BOTTOM OF MOUNT 11/30/44 CFL: FEB. 45A</p> | | | <p>AM-2/FRC VOLTS SINGLE PHASE. 50 TO 60 CYCLES. CHASSIS APPROXIMATELY 8" H, X 10" D, X 19" W. PANEL-MOUNTED FOR STANDARD 19" RACK.</p> | | | | |
| <p>AB-25/ARD-3 EXCEPT HAS LONGER STRUT AND DOES NOT INCLUDE RELAY.</p> | | | <p>AB-84/GHQ-5 WORKS WITH ANTENNA DRIVE ASSEMBLY PU-73/GHQ-5 FOR ROTATION AND TILT OF ANTENNA. PIPE IS OF ALUMINUM. 1 1/2" DIA. BY 8 FT. HIGH.</p> <p>CANCELLED 2/26/45 PIPE SUPPORT IS INTEGRAL PART OF ANTENNA ASSEMBLY AS-223/GHQ-5.</p> | | | <p>AM-3/APS-2-T1 AN/APS-2-T1 REPEATER AMPLIFIER: CONFIDENTIAL CONTAINS VIDEO, CATHODE BLANKING, CLAMPING TUBE BLANKING AND DEFLECTING SIGNAL AMPLIFIERS AS WELL AS POWER SUPPLIES. INPUT SIGNALS OBTAINED FROM NAVY TYPE -46ABT OR "AN" TYPE R-7/APS-2 RECEIVER INDICATOR THROUGH A J-2/APS-2-T1 2/25/43 CPR CPR:5LO-614 JULY 44</p> | | | | |
| <p>AB-42/CPN-6 AN/CPN-6 ANTENNA MAST ASSEMBLY: FOUR FIVE FOOT SECTIONS OF 3 1/2" ALUMINUM TUBING PLUS THE REQUISITE NUMBER OF BUSHINGS TO CONNECT TOGETHER TO FORM A MAST. INCLUDES NECESSARY CABLES FOR GUYING, CLAMPS FOR ATTACHING THE TRANSMISSION LINE AND A PLUMB LINE. 4/29/44 JUN. 44</p> | | | <p>AB-90/CPN-17 AN/CPN-17 ANTENNA MAST ASSEMBLY: FOUR FIVE FOOT SECTIONS OF 3 1/2" ALUMINUM TUBING PLUS THE REQUISITE NUMBER OF BUSHINGS TO CONNECT TOGETHER TO FORM A MAST. INCLUDES 2 SETS OF GUY WIRES, CLAMPS FOR ATTACHING THE TRANSMISSION LINE AND A PLUMB LINE. USED TO 2/15/45 FEB. 45</p> | | | <p>AM-3/APS-2-T1 JUNCTION BOX. OUTPUT SIGNALS PROVIDED FOR FOUR J-2/APS-2 PLAN REPEATER INDICATORS AND THE NEXT SUCCEEDING REPEATER AMPLIFIER. INCLUDES CONTROLS FOR "VIDEO" "BRILLIANCE", "FOCUS" AND CENTERING. USED IN CONNECTION WITH HT-37/APS-2-T1 MOUNTING RACK. FOR USE WITH AN/APS-2.</p> | | | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|----------------------|---|-----------------------|--------------------|--|
| AM-5/APS-4 | AN/APS-4 | CONFIDENTIAL INDICATOR AMPLIFIER CONSISTS OF LOCAL AMPLIFIER CIRCUITS FOR INDICATOR SWEEPS & CONTROLS FOR FOCUS, HORIZONTAL & VERTICAL AMPLITUDE AND HORIZONTAL & VERTICAL CENTERING. DIMENSIONS: 7 1/2" X 5 1/8" X 4". WT. 3.1 LBS. 4/5/43 CW:D151378 CB:BR-11269 FEB. 44 LESS BASE | AM-12/APR-1 | AN/APR-1 | CONFIDENTIAL AMPLIFIER STRIP: CONSISTS OF 5 STAGE IF AMPLIFIER WITH IF BAND WIDTH 2 MC AT 30 MC. A COMBINED CATHODE FOLLOWER FEEDING A 50 OHM VIDEO-LINE OR GRID OF A CATHODE RAY TUBE AND AN AUDIO STAGE MATCHING 600 OR 8000 OHMS BY IAP SELECTION. MOUNTS IN MX-24/APR-1. 7/26/43 CQJ: OCT. 43 | AM-17/APA-8 | | TOR & THE RECEIVER INDICATOR BECOMES EXCESSIVE. RECEIVES OPERATING VOLTAGES FROM AMPLIFIER AM-16/APA-8 & SUPPLIES REQUIRED OPERATING VOLTAGES TO REMOTE INDICATOR. HAS VIDEO, FOCUS, & BIAS CONTROLS ON PANEL. SUPPLIED WITH TWO RECEPTACLES: INPUT AND OUTPUT. FURNISHED WITH 4 LORD SHOCK-MOUNTS & BASEPLATE. |
| AM-5A/APS-4 | AN/APS-4 | CONFIDENTIAL INDICATOR AMPLIFIER: CONSISTS OF LOCAL AMPLIFIER CIRCUITS FOR INDICATOR SWEEPS & CONTROLS FOR FOCUS, HORIZONTAL & VERTICAL AMPLITUDE AND HORIZONTAL & VERTICAL CENTERING, & ALSO A VIDEO GAIN CONTROL. DIMENSIONS: 7 1/2" X 5 1/8" X 4". WT. 3.1 LBS. 2/22/44 CW:D151378 CB:BR-11269 FEB. 44 LESS BASE | AM-13/APS-3-T1 | AN/APS-3-T1 RE 9320A | CONFIDENTIAL AMPLIFIER: CONTAINS CATHODE BLANKING, DEFLECTING SIGNAL SHAPER AND AMPLIFIERS, AND FILAMENT TRANSFORMER. INPUT SIGNAL OBTAINED FROM RECEIVER-AMPLIFIER R-18/APS-3 OR ASD JUNCTION BOX. OUTPUT SIGNALS PROVIDE FOR 4 REPEATER-INDICATOR ID-19/APS-3 & 8/10/43 CQJ: NOV. 43 | AM-18/APT | | RESTRICTED RADIO FREQUENCY AMPLIFIER: AMPLIFIER, FREQUENCY RANGE 140 TO 210 MC POWER OUTPUT 50 WATTS ON 5 TO 1 AMPLIFICATION. INPUT 80 TO 115V., 400-2600 CYCLES, AC 500-600 WATTS. 9/20/44 CKV: SEPT. 44 |
| | AM-5A/APS-4 | SIMILAR TO AM-5/APS-4 EXCEPT ONE OF THE TWO FOCUS CONTROLS IS ELIMINATED AND A VIDEO GAIN CONTROL ADDED. | AM-13/APS-3-T1 | | INCLUDES CONTROLS FOR VERTICAL SHAPING, CENTERING, AMPLITUDE, AZIMUTH CENTERING, INDICATOR BIAS AND (WHEN USED WITH ASD) AZIMUTH AMPLITUDE. ALSO SWITCH TO CHANGE EQUIPMENT FOR AN/APS-3 OR ASD OPERATION. FITS MOUNTING RACK MT-97/APS-3. INPUT 115/1/400-2400 & -105V, +105V, +300V REC. +300 UNREG V, +400V UNREG. DC. | AM-19/APA-14 | AN/APA-14 | RESTRICTED TORQUE AMPLIFIER: PROVIDES AMPLIFICATION OF INFORMATION FROM FLUX GATE COMPASS TO DRIVE TORQUE UNIT AND DIFFERENTIAL GEAR OF AZIMUTH DIFFERENTIAL UNIT CN-4/APA-14. INPUT: 26 V DC AND 115/1/400. SIGNAL INPUT MUST BE AT LEAST .05V/° AT 800 CYCLES. OUTPUT 9/21/43 CAJB: DEC. 43 CAJC: 120 V MAX /1/400. |
| AM-6/APA-1 | AN/APA-1 | RE-9035-A CONFIDENTIAL REPEATER INDICATOR AMP- LIFIER: RECEIVES DETECTED VIDEO SIGNALS FROM PORT & STARBOARD ANTENNAS VIA ANTENNA SWITCHING UNIT & POSITIVE SYNCHRO PULSES FROM TRANSMITTER. VIDEO SIGNALS PASS THROUGH CATHODE FOLLOWER & DC RESTORER CIRCUITS TO CONTROL UNIT & 4/23/43 CPR: CBR:SK-0765 SEPT 43 REV 0 | AM-14/APT | AN/APT-1 | RESTRICTED RADIO FREQUENCY AMPLIFIER: AMPLIFIER, CLASS "B" TYPE: FREQUENCY RANGE 85 TO 150 MC: POWER OUTPUT 100 WATTS. INPUT 80 TO 110V., 400 TO 2600 CYCLES, 600 WATTS. HOUSED IN ONE ATR RACK. NET WT., 50 LBS. FOR USE WITH RADAR SET AN/APT-3 OR TRANSMITTING 9/9/44 CKV: SEPT. 44A | AM-19/APA-14 | | |
| | AM-6/APA-1 | REPEATER INDICATOR. POSITIVE SYNCHRO PULSES FROM TRANSMITTER PASS THROUGH AMPLITUDE LIMITER TO TRIGGER SWEEP TIMING & SAW TOOTH DEFLECTING CIRCUITS TO FORM VERTICAL SWEEP. INCLUDES CALIBRATION CONTROLS FOR THREE RANGES 0 TO 5, 0 TO 50 & 0 TO 100 NAUTICAL MILE INPUT: 65 WATTS AT 30 OR 115/1/400-2400 MT 14#. APPROX OVERALL DIMENSIONS: 8-9/16"X9-1/6"X13-3/8". | AM-14/APT | | EQUIPMENT AN/APT-1. | AM-21/APA-15 | AN/APA-15 | RESTRICTED SERVO AMPLIFIER: PROVIDES AMPLIFICATION OF INFORMATION FROM GYRO SELSYH TO DRIVE TORQUE UNIT OF GYRO TORQUE UNIT CN-5/APA-15 IN ORDER TO MAINTAIN DESIRED TILT ANGLE. INPUT: 115/3/400 & 26V DC. FITS MOUNTING BASE MT-131/APA-15. 9/25/43 CAJD: JAN. 45 CPO: |
| AM-9/ASQ-1A | AN/ASQ-1A | CONFIDENTIAL AUXILIARY AMPLIFIER: DRIVES THE THIRD AXIS OF UNIVERSAL HEAD UNIT DT-3/ASQ-1A OR DT-3A/ASQ-1A. THIS AMPLIFIER IS REQUIRED IN ADDITION TO AMPLIFIER AM-17/ASQ-1 WHEN A UNIVERSAL HEAD UNIT IS EMPLOYED. FIRST PURCHASED UNDER CONTRACT OEMSR-20. 6/7/43 CLU: AUG. 43 | AM-16/APA-8 | AN/APA-8 | CONFIDENTIAL AMPLIFIER: CONSISTS OF A POWER SUPPLY & TWO CATHODE FOLLOWER STAGES. IN CONJUNCTION WITH AM-17/APA-8 LOCATED AT REMOTE INDICATOR, ITS PURPOSE IS TO SERVE AS VIDEO BOOSTER AMPLIFIER WHEN DISTANCE TO REMOTE INDICATOR BECOMES EXCESSIVE. FURNISHED WITH 8/26/43 CQJ: CQJ:3522 NOV. 43 | AM-28/MPN-1A | AN/MPN-1A | RESTRICTED SWEEP AMPLIFIER: PANEL AND CHASSIS CONSTRUCTION AND CONTAINS THE SWEEP-GENERATING CIRCUITS FOR BOTH THE 2 MILE & 10 MILE PRECISION INDICATORS. IDENTICAL SWEEP AMPLIFIERS ARE USED FOR BOTH THE AZIMUTH AND THE ELEVATION INDICATOR TUBES. POSITIONS THE 1/5/44 CRR: CRR:AR96235-1 MAR. 44 |
| AM-10/ARW-3 | AN/ARW-3 | CONFIDENTIAL AMPLIFIER UNIT: RADIO FREQ AMPLIFIER (CLASS C): PROVIDES 250 WATT OUTPUT WHEN SUPPLIED WITH 20 WATT FREQUENCY MODULATION INPUT - FREQ RANGE, 30-42MC - FREQ MODULATION, ±15KC -POWER INPUT, 800 WATTS, 110-130 V, SINGLE PHASE 800 - 2400 CYCLE - REQUIRES 7/9/43 CFL: DEC. 44 | AM-16/APA-8 | | 4 LORD SHOCKMOUNTS & BASEPLATE. RECEIVES VIDEO, DEFLECTION, & BLANKING VOLTAGES FROM RECEIVER INDICATOR. SUPPLIED WITH THREE RECEPTACLES: POWER INPUT, SIGNAL INPUT, & SIGNAL OUTPUT. POWER INPUT: 115V AC, 400-2400 CPS. HAS "POWER ON-OFF" SWITCH ON PANEL. | AM-28/MPN-1A | | RESTRICTED ELECTRON BEAM ON THE PRECISION INDICATOR TUBES TO CORRESPOND TO BOTH ANTENNA ANGLE & TARGET RANGE ON A TIME BASIS. WEIGHT APPROXIMATELY 22 POUNDS. POWER INPUT, 117 VOLT A-C, -210 VOLTS DC, -105 VOLTS D-C, 500 VOLTS D-C, 300 VOLTS D-C. DIMENSIONS 19" X 8 3/4" X 18 1/2". SIMILAR TO SWEEP AMPLIFIER AM-15/MPN-1 EXCEPT DOES NOT INCLUDE SPOT CENTERING. |
| | AM-10/ARW-3 | 25 WATTS, 24-29 VOLTS DC FOR OPERATION OF FAN - MAY BE USED AS ACCESSORY TO RADIO TRANSMITTER T-24/ARW-3 WHEN ADDITIONAL POWER IS REQUIRED - FITS MOUNTING BASE MNT-52/UR. | AM-17/APA-8 | AN/APA-8 | CONFIDENTIAL AMPLIFIER: CONSISTS OF VIDEO, BLANKING, & DC RESTORER STAGES, AND IS NORMALLY LOCATED NEAR THE REMOTE INDICATOR. ITS PURPOSE IN CONJUNCTION WITH AMPLIFIER AM-16/APS-3 IS TO SERVE AS A VIDEO BOOSTER AMPLIFIER WHEN DISTANCE BETWEEN THE REMOTE INDICATOR 8/26/43 CQJ: CQJ:3523 NOV. 43 | AM-29/MPN-1A | AN/MPN-1A | RESTRICTED PREAMPLIFIER THIS UNIT IS OF CHASSIS CONSTRUCTION CONTAINING TWO TUBES. IT IS USED TO AMPLIFY THE I-F SIGNAL OF 30 MC. RECEIVED FROM THE CRYSTAL MIXER BEFORE TRANSMITTING IT ON TO THE RECEIVER. THIS UNIT IS ALSO USED FOR THE A.F.C CIRCUIT. POWER 1/5/44 CRR: MAR. 44 |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|----------------------|---|--|--------------------|-------------------------------|--|--------------------|-------------------------------|
| | | AM-29/MPN-1A INPUT: 6.3V A.C., 300V. D.C. DIMENSIONS: 4" X 6" X 8". | AM-45A/CPN-6 AN/CPN-6 INTERMEDIATE FREQUENCY STRIP CONTAINS THE I.F. STAGES, SECOND DE- TECTOR AND FIRST STAGE OF THE VIDEO AMPLIFIER. MOUNTS IN A REMOVABLE SUB CHASSIS IN AND IS PART OF RADAR RECEIVER R-83/CPN-6. BAND WIDTH IS 7 TO 47 MC. SIMILAR TO AM-45/CPN-6 EXCEPT INCLUDES 2/15/45 MAY 45 | CONFIDENTIAL | | AM-55/SPR-2 AN/SPR-2 AMPLIFIER STRIP RESTRICTED CONSISTS OF 6 STAGE IF AMPLIFIER WITH IF BAND WIDTH OF 10 MC. A COMBINED CATHODE FOLLOWER FEEDING A 50 OHM VIDEO LINE OR GRID OF A CATHODE RAY TUBE AND AN AUDIO STAGE MATCHING 600 OR 800 OHMS BY TAP SELECTION. MOUNTS IN MX-214/SPR-2. 6/7/44 NOV. 44 | | |
| AM-36/ASQ | AN/ASQ-1 & 1A | AMPLIFIER: RESTRICTED EDDY-CURRENT COMPENSATION AMPLIFIER. A SMALL THREE STAGE PUSH-PULL STABILIZED AMPLIFIER FOR AIRBORNE APPLICATION. USED IN CONJUNCTION WITH AN/ASQ-1 INSTAL- LATIONS TO COMPENSATE THE SPURIOUS INDI- CATIONS PRODUCED IN THE DT-1/ASQ-1 AND 3/15/44 MAR. 44 | AM-45A/CPN-6 ECHO SUPPRESSION CIRCUITS. CANCELLED REPLACED BY AM-136/CPN-6. | | | AM-55A/SPR-2 AN/SPR-2A AMPLIFIER STRIP: RESTRICTED CONSISTS OF 6 STAGE IF AMPLIFIER WITH IF BAND WIDTH OF 10 MC. A COMBINED CATHODE FOLLOWER FEEDING A 50 OHM VIDEO LINE OR GRID OF A CATHODE RAY TUBE AND AN AUDIO STAGE MATCHING 600 OR 800 OHMS BY TAP SELECTION. MOUNTS IN MX-214/SPR-2. 2/15/45 FEB. 45 | | |
| | | AM-36/ASQ DT-3/ASQ-1A UNITS BY EDDY CURRENTS IN- DUCED IN METALLIC SURFACES OF AIRPLANES WHEN MANEUVERED IN THE EARTH'S MAGNETIC FIELD. THE UNIT MEASURES 12 1/2" X 5" X 7 7/8" AND WEIGHS 8.1 POUNDS. IT IS ARRANGED TO MOUNT ON THE MT-10/ASQ-1 MOUNTING. | AM-46/APA-32 AN/APA-32 AMPLIFIER UNIT: CONFIDENTIAL CONTAINS ELECTRONIC AMPLIFIER CIRCUITS NECESSARY FOR ADAPTING AN/APS-6 AND AN/APS-6A FOR USE WITH TWO INDICATOR ID-32/APS-6. CONNECTS BETWEEN RECEIVER AMPLIFIER R-35/APS-6 OR R-50/APS-6A AND INDICATOR ID-32/APS-6. SIZE APPROX 5" X 4 2/29/44 APR. 44 | | | AM-55A/SPR-2 SIMILAR TO AM-55/SPR-2 EXCEPT FOR DIFFERENT MFR. | | |
| AM-40/A1C | GEN USE- SPEC: M-659 | INTERPHONE AMPLIFIER: RESTRICTED PANEL CONTROLS INCLUDE (1) POWER SWITCH (2) ALTITUDE SWITCH TO CONNECT ANEROID SWITCH SA-59 7A OR EQUAL INTO OR OUT OF AMPLIFIER CIRCUIT (3) A MASTER GAIN CON- TROL (4) A SEPARATE GAIN CONTROL FOR A 3000 OHM BRIDGING INPUT CIRCUIT. A 200 3/27/44 CHX: BUAE:E-858 JAN. 45 E-308E | AM-46/APA-32 6" X 8". CANCELLED 5/22/44 | | | AM-56/AP GEN USE NRL RA-55F-247A INDICATOR AMPLIFIER: RESTRICTED INDICATOR AMPLIFIER WITH SWITCH UNIT. R.F. BAND WIDTH 150-250 MEGACYCLES VIDE BAND WIDTH 125 CPS TO 20 MEGACYCLES. SHALL HAVE SAME FORM FACTOR AS THE AM-6/APA-1 AMPLIFIER AND MOUNTING PRO- VISIONS ARE INTERCHANGEABLE WITH 7/4/44 CRB: MAR. 45 | | |
| | | AM-40/A1C OHM MICROPHONE INPUT IS ALSO PROVIDED. AMPLIFIER WILL OPERATE FROM ANY NAVY TYPE MICROPHONE WITH LOAD IMPEDANCE FROM 20 TO 300 OHMS. POWER SUPPLY: 28V DC. 1.75 AMP; SIZE SAR FORM FACTOR A1-A WEIGHT: 10.7 LBS. PART OF AN/A1A-2A. | AM-53/CPN-17 AN/CPN-17 INTERMEDIATE FREQUENCY STRIP CONTAINS THE I.F. STAGES, SECOND DETECTOR AND FIRST STAGE OF THE VIDEO AMPLIFIER. MOUNTS IN A REMOVABLE SUB CHASSIS IN AND IS PART OF RADAR RECEIVER R-99/CPN-17. 5 TO 75 MC BAND WIDTH. SIMILAR TO AND MECHANICALLY INTERCHANGE- 5/20/44 FEB. 45 | | | AM-56/AP AM-6/APA-1. WEIGHT APPROX. 13.5 LBS. NAVY TYPE 49194 CONNECTORS TO BE USED FOR RF AND VIDEO CONNECTIONS. TYPE AN FOR ALL OTHER CONNECTIONS. SWITCH CONSTRUCTED AS PER NRL DRAWING NO. RA-24F 224A. PART OF AN/APX-8A. | | |
| AM-44/CPN-6 | AN/CPN-6 | MODULATOR DRIVER: CONFIDENTIAL RECEIVES CODE PIPS FROM CODER KY-6/CPN-6. AMPLIFIES THESE AND CREATES 1/2 MICROSEC. VIDEO PULSE SIGNAL WHICH IS FED INTO TRANSMITTER-MODULATOR T-79/CPN-6. INCLUDES SELF CONTAINED POWER SUPPLY OPERATING FROM 110V/1ϕ/50- 4/29/44 CGG: MAR. 45 | AM-53/CPN-17 ABLE WITH AM-45/CPN-6 AND AM-45A/CPN-6 EXCEPT FOR FREQUENCY BAND WIDTH. | | | AM-56/AP AM-67/APS-15-T1 AN/APS-15-T1 REPEATER AMPLIFIER: CONFIDENTIAL CONTAINS VIDEO, CATHODE BLANKING, CLAMPING TUBE BLANKING AND DEFLECTING SIGNAL AMPLIFIERS AS WELL AS POWER SUP- PLIES. INPUT SIGNALS OBTAINED FROM NAVY TYPE -46A3T OR "AN" TYPE R-7/APS-2 RE- CEIVER INDICATOR THROUGH J-99/APS-15-T1 9/20/44 CGP: CGP:10310 SEPT. 44A | | |
| | | AM-44/CPN-6 70-. SUPPLIES -500V DC AND +350 TO 500V DC TO TRANSMITTER-MODULATOR T-79/CPN-6. | AM-54/AXR-3 AN/AXR-3 AMPLIFIER-POWER SUPPLY CONFIDENTIAL CONTAINS INTERMEDIATE FREQUENCY AMPLIFY- ING CIRCUITS, SECOND DETECTOR, VIDEO AMPLIFIER, SYNCHRONIZING PULSE SEPARATORS AND DYNAMIOTR POWER SUPPLY FOR ENTIRE EQUIPMENT. INPUT 26.5 V AT ±10%. OUTPUT: 400V DC. & 220V DC & -23V DC & 26.5 ±10% 5/29/44 CPR: JUNE 44 | | | AM-56/AP AM-67/APS-15-T1 SIGNALS PROVIDED FOR FOUR ID-108/APS-15- T1 PLAN REPEATER INDICATORS AND THE NEXT SUCCEEDING REPEATER AMPLIFIER. INCLUDES CONTROLS FOR "VIDEO" AND CENTERING. USED IN CONNECTION WITH MT-37/APS-2-T1 MOUNT- ING RACK. FOR USE WITH AN/APS-15-T1. SI- MILAR TO AM-3/APS-2-T1 EXCEPT FOR CIR- CUIT CHANGES. | | |
| AM-45/CPN-6 | AN/CPN-6 | CONFIDENTIAL INTERMEDIATE FREQUENCY STRIP CONTAINS THE I.F. STAGES, SECOND DETECTOR AND FIRST STAGE OF THE VIDEO AMPLIFIER. MOUNTS IN A REMOVABLE SUB CHASSIS IN AND IS PART OF RADAR RECEIVER R-88/CPN-6. BAND WIDTH IS 7 TO 47 MC. 4/29/44 FEB. 45 | AM-54/AXR-3 V DC. ALSO SUPPLIES DEFLECTION & VIDEO SIGNALS TO INDICATOR ID-95/AXR-3 SIZE APPROX. 15" X 19" X 10". WT. APPROX 30 LBS. | | | AM-70/AR AN/ART-18 CONFIDENTIAL AMPLIFIER A CLASS "C" RF AMPLIFIER. OPERATES BE- TWEEN 74 TO 118 MC. WITH A BANDWIDTH OF 8 MC. 50 OHM RESISTIVE INPUT, 50 OHM RESISTIVE OUTPUT. POWER OUTPUT 250 WATTS. CONSISTS OF: INPUT COUPLING AND TANK CIRCUIT, OUTPUT COUPLING AND TANK CIR- 10/2/44 JAN. 45 | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|----------------------------|--|-----------------------|----------------------------|---|-----------------------|----------------------------|--|
| | | AM-70/AR | | | AM-78/APX-6 | | | AM-82/ARW |
| | | CUIT. AND PUSH-PULL AMPLIFIER STAGE. POWER SUPPLY: 115 VOLT, 1 PHASE 800-2400 CPS. SIZE: SAR C2-D. WEIGHT: 100 LBS. USED WITH AN/ART-18. | | | SELECTOR UNIT OF RF-29/APX-6. DETECTS IT. AMPLIFIES DETECTED SIGNAL AND PASSES IT ON TO THE DECODER OF REAR CHASSIS ASSEMBLY MX-358/APX-6. | | | MAY BE USED AS ACCESSORY TO RADIO TRANSMITTER T-125/ARW-34 WHEN ADDITIONAL POWER IS REQUIRED - FITS MOUNTING BASE *MT-52/UR. |
| | | AM-70(CXN-1)/AR AN/ART-18 CONFIDENTIAL AMPLIFIER SAME DESCRIPTION AS FOR AM-70/AR EXCEPT POWER SUPPLY 115/1φ/800-2400 CPS. | | | AM-79/ARW-13 AN/ARW-13 CONFIDENTIAL AMPLIFIER A RADIO FREQUENCY TRIPLER AMPLIFIER WHICH OPERATES WITH AN OUTPUT FREQUENCY OF 132 TO 140 MC. REQUIRES 20 WATTS INPUT. OUTPUT 150 WATTS. POWER SUPPLY 115V/1φ/800-2400~. 750 WATTS. SIMILAR IN OPERATION TO AND MECHANICALLY 11/28/44 CFL: JAN. 45 | | | AM-88/CPX-3 AN/CPX-3 CONFIDENTIAL VIDEO AMPLIFIER: RECEIVES VIDEO SIGNALS FROM IF AMPLIFIER. PROVIDES PROTECTION AGAINST JAMMING SIGNALS. DELIVERS VIDEO SIGNALS TO VIDEO OUTPUT CONNECTION FOR EXTERNAL DISPLAY. PROVIDES MANUAL GAIN CONTROL, VARIABLE G.T.C. AND GATING CIRCUITS FOR INTER-1/1/45 APR. 45A 9T8 |
| | | 10/2/44 DEC. 44 | | | AM-79/ARW-13 INTERCHANGEABLE WITH AM-10/ARW-3. PART OF AN/ARW-13. | | | AM-88/CPX-3 MEDIATE FREQUENCY AMPLIFIER AM-87/OPX. MOUNTS ON AND RECEIVES POWER SUPPLY FROM TRANSMITTER-RECEIVER RT-89/CPX-3. BRITISH REF. NO. 110UB/29 |
| | | AM-71/AR AN/ARW-13 CONFIDENTIAL AMPLIFIER: A RADIO FREQUENCY TRIPLER AMPLIFIER; OPERATES WITH AN OUTPUT FREQUENCY OF 132 TO 140 MC. 1000 WATTS OUTPUT. POWER SUPPLY: 115V. 400 TO 2400 CPS. USED WITH AN/ARW-13. PROCURED ON NXSa-68002 CONTRACT. 10/2/44 CFL: OCT. 44 | | | AM-80/ARA-13 AN/ARA-13 CONFIDENTIAL AMPLIFIER: RF POWER AMPLIFIER USED WITH RT-51/ARQ-10 COVERING FREQUENCY BAND 1.3-11 MC. USING REMOTE CONTROL UNIT C-236/ARA-13. OUTPUT POWER 500 WATTS UNMODULATED CARRIER. INPUT: 50W IN 50 OHMS IMPEDANCE. SIZE: 24" X 23" X 22". USED WITH BUT NOT PART 12/9/44 CFT: JAN. 45 | | | AM-89/APS-T3 AN/APS-T3 CONFIDENTIAL PREAMPLIFIER-CONVERTER RECEIVES REFLECTED 15 MC SIGNAL FROM CRYSTAL DRIVER O-33/APS-T3. AMPLIFIES THIS AND MIXES THIS SIGNAL WITH A 45 MC OSCILLATOR OUTPUT AND SENDS OUT BOTH 30 MC AND 60 MC TO INTERMEDIATE FREQUENCY STAGES OF ASSOCIATED RADAR. CONTAINS 12/30/44 DEC. 44 |
| | | AM-73/UPA-1 AN/UPA-1 CONFIDENTIAL AMPLIFIER VIDEO AMPLIFIER OF 1000 CPS. TO 5 MC BAND WITH. USED WITH A CRYSTAL DETECTOR FOR PICKING UP RF ENERGY AND APPLYING THIS ENERGY FOR A VISUAL PRESENTATION ON TS-28/UPN. PROVIDING AN RF ENVELOPE VIEWER. SIZE: 18 1/2" X 12" X 10 3/4". 10/19/44 CDL: OCT. 44 | | | AM-80/ARA-13 OF AN/ARQ-10. PART OF AN/ARA-13. | | | AM-89/APS-T3 AMPLIFIERS, OSCILLATOR AND MIXER CIRCUITS. |
| | | AM-73/UPA-1 POWER SUPPLY: 105-125V 1φ. 50-70 CPS. | | | AM-81/FPN-1 AN/FPN-1 RESTRICTED AMPLIFIER: VIDEO AMPLIFIER OF CHASSIS CONSTRUCTION AND CONTAINS THE VIDEO AMPLIFICATION CIRCUITS NECESSARY FOR COMPENSATING FOR VIDEO LOSSES IN THE LONG LENGTHS OF CO-AXIAL CABLE INTERCONNECTING THE PRECISION SYSTEM AND THE INDICATOR-CONTROL 12/20/44 DEC. 44 | | | AM-90/APS-T3 AN/APS-T3 RESTRICTED SERVO AMPLIFIER RECEIVES ERROR VOLTAGE FROM SYNCHRO UNIT AMPLIFIES THIS VOLTAGE AND APPLIES THIS VOLTAGE TO DRIVE A SMALL MOTOR. INCLUDES SELF CONTAINED RECTIFIER WITH INPUT OF 115V/1φ/60- TO SUPPLY PLATE, SCREEN AND FILAMENT VOLTAGE FOR ITS OWN CIRCUITS. 12/30/44 DEC. 44 |
| | | AM-75/ART-17(C) AN/ART-17(C) CONFIDENTIAL FREQUENCY TRIPLER WITH OUTPUT FREQUENCIES OF 70 TO 100 MC AND 100 TO 140 MC.. BY MEANS OF TWO SETS OF PLUG-IN COILS. SIGNAL INPUT IS OBTAINED FROM RADIO TRANSMITTER T-117/ART-17. POWER OUTPUT: 20W. INPUT 26V DC @ 8A. PART OF 10/31/44 CFL: NOV. 44 | | | AM-81/FPN-1 SYSTEM. INPUT 115V/1φ/60~ & 250V DC. | | | AM-94/UPA-4 AN/UPA-4 RE 16A17 SERVO AMPLIFIER: RESTRICTED AMPLIFIES SYNCHRO ERROR VOLTAGE FROM ANTENNA PEDESTAL TO DRIVE ANTENNA IN TRAIN. OPERATES A PILOT LIGHT TO INDICATE ERRORS OF LESS THAN 3%. OPERATES FROM SYNCHRO REFERENCE VOLTAGE OF 50/115V AND ERROR VOLTAGE OF 31/55/64V AT FRE-1/16/45 CAJS: MAR. 45 CAJS: B 4126-X |
| | | AM-75/ART-17(C) AN/ART-17. | | | AM-82/ARW-34 AN/ARW-34 CONFIDENTIAL AMPLIFIER: RADIO FREQ AMPLIFIER (CLASS C): PROVIDES 250 WATT OUTPUT WHEN SUPPLIED WITH PROPER FREQUENCY MODULATED INPUT - FREQ RANGE. 52-65MC- FREQ MODULATION, ±15 KC -POWER INPUT, 110-130 V, SINGLE PHASE 800 - 2400 CYCLE - 12/19/44 CFL: MAY 45 | | | AM-94/UPA-4 QUENCIES OF 50/60/400/500- TO DRIVE A 22W. DC MOTOR IN PEDESTAL OF ANTENNA ASSEMBLY. INPUT: 115/160/230V @ 50/60/400/500-. SIZE APPROX: 10" X 12 7/8" X 14". WT. 40 LBS. |
| | | AM-78/APX-6 AN/APX-6 RESTRICTED INTERMEDIATE FREQUENCY STRIP: CONSISTS OF AN ALUMINUM HOUSING AND CHASSIS ON WHICH ARE MOUNTED IF AMPLIFIER, DETECTOR AND VIDEO AMPLIFIER. PART OF RECEIVER-TRANSMITTER RT-32/APX-6 AND MOUNTS ON FRONT PANEL ASSEMBLY RF-29/APX-6. AMPLIFIES SIGNAL FROM PRE-4/2/45 APR. 45 | | | ASSIGNED ISSUED | | | ASSIGNED ISSUED |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

AM-96/ARA-13 AN/ARA-13 CONFIDENTIAL
AMPLIFIER:
 RF POWER AMPLIFIER USED WITH RT-52/ARQ-10. COVERS FREQUENCY 11-45 MCS APPROXIMATELY. USES REMOTE CONTROL UNIT C-236/ARA-13. DOES NOT TUNE AUTOMATICALLY. INPUT 50 WATTS IN 50 OHMS IMPEDANCE; OUTPUT MORE THAN 250 WATTS (UNMODULATED CARRIER).
 1/20/45
 JAN. 45

AM-96/ARA-13
 PART OF AM/ARA-13.

AM-105(XN-1)APS-4-T2 AN/APS-4-T2
REPEATER-AMPLIFIER: CONFIDENTIAL
 CONTAINS VIDEO DEFLECTING SIGNAL AMPLIFIER CIRCUITS AND RECTIFIER POWER AND SUPPLY. RECEIVES SIGNALS FROM RT-5/APS-4 OR RT-5A/APS-4 AND REPRODUCES THESE SIGNALS ON A MAXIMUM OF 9 OUTPUTS TO EACH OF WHICH AN AM-5A/APS-4 AND ID-11/APS-4
 2/24/45
 FEB. 45

AM-105(XN-1)APS-4-T2
 MAY BE ATTACHED. POWER INPUT: 115V/1Ø/800-2400 & 26V DC.

AM-113/APS-33 AN/APS-33,34
SERVO AMPLIFIER: CONFIDENTIAL
 SPECIAL AMPLIFIER CIRCUIT WHICH ACCEPTS SIGNALS FROM THE GYROSCOPE UNIT CN-51/APS-31. RESOLVER SYNCHRO AND FOLLOW-UP SYNCHRO. AMPLIFIES THESE AND SUPPLIES POWER TO SERVO-TORQUE UNIT ON ANTENNA ASSEMBLY. SAME AS AM-112/APS-31
 4/4/45 CPR: CPR:5L0-1551
 APR. 45A 948A

AM-113/APS-33
 EXCEPT DOES NOT PERFORM JUNCTION BOX FUNCTION. SIZE APPROX. 12 1/4" X 5 1/2" X 4 1/4". PART OF ANTENNA ASSEMBLIES AS-289/APS-33 AND AS-290/APS-34.

AM-97/APS-6-T1 AN/APS-6-T1
INTERPHONE AMPLIFIER:
 INTERPHONE AMPLIFIER PROVIDES THE NECESSARY POWER FOR OPERATION OF THE INTERPHONE SYSTEM BETWEEN THE INSTRUCTOR AND STUDENT PILOT. SUFFICIENT POWER IS PROVIDED TO OPERATE UP TO SIX ADDITIONAL HEADSETS SIMULTANEOUSLY WITH REGULAR
 1/24/45 CATT:
 JAN. 45

AM-97/APS-6-T1
 OPERATION. PART OF OA-1/APS-6-T1.

AM-108/APA-16-T1 CONFIDENTIAL
SERVO AMPLIFIER UNIT:
 MOVES RANGE AND ATTENUATION-WITH-RANGE POTENTIOMETERS IN ACCORDANCE WITH MOVEMENT OF BOMBER SIMULATOR SM-17/APA-16-T1. CONSISTS OF POTENTIOMETER, A 32 VOLT TRANSFORMER WHICH ENERGIZES ALL SELSYNS OF THE EQUIPMENT, A TWO PHASE MOTOR. A
 3/26/45 CAOW: #8
 MAR. 45

AM-108/APA-16-T1
 400 TO 1 SELSYN RECEIVER AND A REDUCTION GEAR TRAIN. OPERATES 115V AC/60 CYCLES. MOUNTS ON CHASSIS. 8" X 17" X 9". WT., APPROX. 15 LBS.

AM-120(XN-)APS-4 AN/APS-4
INDICATOR AMPLIFIER: CONFIDENTIAL
 INDICATOR AMPLIFIER. MADE BY WESTERN ELECTRIC CO.. INPUT: 115V/1Ø/800-2400 CYS. AND SWEEP AND VIDEO VOLTAGE FROM ASSOC. UNITS. CONSISTS OF LOCAL AMPLIFIER CIRCUITS FOR INDICATOR SWEEPS, CIRCUITS FOR PROVIDING RANGE AND AZIMUTH
 4/27/45
 APR. 45A 948A

AM-120(XN-)APS-4
 LINES. INCLUDES CONTROLS FOR FOCUS, SWEEP AMPLITUDE AND CENTERING, AZIMUTH EXPANSION, RANGE & AZIMUTH LINE, POSITION & VIDEO GAIN. OPERATES FROM SAME VOLTAGES AS AM-5A/APS-4. USED WITH ID-171(XN-1)APS-4.

AM-98/APS-6-T1 AN/APS-6-T1
SERVO AMPLIFIER:
 PROVIDES AMPLIFICATION OF INFORMATION FROM TARGET SIMULATOR SM-7/APS-6-T1 TO DRIVE TORQUE UNIT OF ATTITUDE CORRECTION UNIT CN-47/APS-6-T1 IN ORDER TO FEED IN THE RELATIVE TARGET COMPASS BEARING.
 SIZE: APPROX. 10" X 12" X 8". WT. APPROX.
 1/26/45 CATT:
 JAN. 45

AM-98/APS-6-T1
 10 LBS. PART OF LINK TRAINER SM-5/APS-6-T1.

AM-110/APS-33 AN/APS-33
TRUE BEARING AMPLIFIER:
 PROVIDES POWER FOR AND ACCEPTS INFORMATION FROM SYNCHRO TAKE-OFF FROM FLUX GATE COMPASS, PROVIDES POWER FOR ACTIVATING AZIMUTH TORQUE UNIT IN ACCORDANCE WITH INFORMATION RECEIVED FROM FLUX GATE COMPASS. REQUIRES 115/1/400 AT 26VA. AND IS
 4/3/45 CPR: CPR:5L0-1544
 APR. 45A 948A

AM-110/APS-33
 FUSED. SIZE: APPROX. 5-1/4 X 6-1/4 X 7-11/16. WT. APPROX. 7 1/2 LBS. MOUNTS ON MOUNTING MT-448/APS-33. INCLUDES CONNECTORS: AN-3102-16S-5P, AN-3102-10SL-31, AN-3102-14S-5S, AN-3102-18-1S.

AM-121/APS-4 AN/APS-4.4A CONFIDENTIAL
INTERMEDIATE FREQUENCY AMP-LIFIER: CONTAINS CIRCUITS FOR AMPLIFYING 60 MC IF FREQUENCIES OBTAINED FROM RADAR RECEIVER R-159/APS-4A. ALSO INCLUDES DETECTOR CIRCUIT FOR CONVERTING IF TO VIDEO SIGNALS AND CIRCUITS FOR VARYING RECEIVER GAIN. PART OF
 4/28/45 CW:
 MAY 45A 948Ag

AM-121/APS-4
 RT-5A/APS-4 AND RT-104/APS-4A. SIZE APPROX: 2 1/2" X 1 1/2" X 10". INPUT: 150V DC AND 6.3V AC FROM ASSOCIATED UNITS.

AM-105/APS-4-T2 AN/APS-4-T2
REPEATER-AMPLIFIER: CONFIDENTIAL
 CONTAINS VIDEO DEFLECTING SIGNAL AMPLIFIER CIRCUITS AND RECTIFIER POWER AND SUPPLY. RECEIVES SIGNALS FROM RT-5/APS-4 OR RT-5A/APS-4 AND REPRODUCES THESE SIGNALS ON A MAXIMUM OF 9 OUTPUTS TO EACH OF WHICH AN AM-5A/APS-4 AND ID-11/APS-4
 4/18/45
 APR. 45

AM-105/APS-4-T2
 MAY BE ATTACHED. POWER INPUT: 115V/1Ø/800-2400 & 26V DC.

AM-112/APS-31 AN/APS-31,32
SERVO AMPLIFIER: CONFIDENTIAL
 SPECIAL AMPLIFIER CIRCUIT WHICH ACCEPTS SIGNALS FROM THE GYRO UNIT, RESOLVER SYNCHRO, AND FOLLOW-UP SYNCHRO. AMPLIFIES THESE AND SUPPLIES POWER TO SERVO TORQUE UNIT ON ANTENNA ASSEMBLY. ALSO SERVES AS CABLE JUNCTION BOX FOR ANTENNA
 4/4/45 CPR: CPR:5L0-1553
 APR. 45A 948A

AM-112/APS-31
 ASSEMBLY. SIZE APPROX. 11 1/8" X 7 1/2" X 6". PART OF ANTENNA ASSEMBLIES AS-287/APS-31 AND AS-288/APS-32.

AM-122/APS-4 AN/APS-4.4A RESTRICTED
SERVO AMPLIFIER:
 CONTAINS CIRCUITS FOR AMPLIFYING ANTENNA TILT CONTROL VOLTAGES AND RECTIFIERS TO INSURE PROPER TILT OPERATION OF THE ANTENNA. MOUNTS IN AND IS PART OF RT-104/APS-4A AND RT-5A/APS-4. INPUT: -150, 150V DC AND 15CV AC AND UNBALANCED
 4/28/45 CW:
 MAY 45A 948Ag

AM-122/APS-4
 GRID VOLTAGE.

| ASSIGNED | | | ASSIGNED | | |
|----------|----------------------------|-------------------------------|----------|----------------------------|-------------------------------|
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|----------------------------|---|--|----------------------------|---|------------------------|---|-------------------------------|
| AM-136/CPN-6 AN/CPN-6 | | CONFIDENTIAL INTERMEDIATE FREQUENCY STRIP CONTAINS THE I.F. STAGES, SECOND DETECTOR AND FIRST STAGE OF THE VIDEO AMPLIFIER. MOUNTS IN A REMOVABLE SUB CHASSIS IN AND IS PART OF RADAR RECEIVER R-88/CPN-6. BAND WIDTH IS 7 TO 47 MC. SIMILAR TO AM-45/CPN-6 EXCEPT INCLUDES 5/29/45 MAY 45 | MOTOR IS OF A REVERSIBLE AS-12/APS-3 FIELD TYPE & IS GEARED TO PROVIDE CONTINUOUS TILT OF THE DISH OVER ARC OF 28° FROM THE VERTICAL. INPUT: 24 V DC FOR MOTORS, 75 V DC FOR AZIMUTH POTENTIOMETER & MINUS 105 V DC FOR TILT POTENTIOMETER. SIMILAR TO ANTENNA ASSEMBLY AS-22/APS-3 EXCEPT IS SLIGHTLY SMALLER. IN MOST INSTALLATIONS THEY ARE INTERCHANGEABLE. | *MX-44/APS | AS-18A/APS OR SECTOR SCAN ASSEMBLY AN/APA-13 OR AZIMUTH STABILIZATION ASSEMBLY AN/APA-14. TILT STABILIZATION ASSEMBLY AN/APA-15; & (LAB) INDICATOR EQUIPMENT AN/APQ-5. INCLUDES SIX 5/16"-24 TAPPED HOLES FOR MOUNTING PROVISIONS. INPUT: 26V DC. SAME AS AS-18/APS EXCEPT INCLUDES CU-19/APS WHICH IS PROVIDED WITH SLIP RINGS. ALSO INCLUDES LUBBER LINE SWITCH. | AS-19A/TRC-1 AH/TRC-1A | RESTRICTED ANTENNA SYSTEM: CONSISTS OF ONE ANTENNA AS-20A/TRC-1, 11 MAST SECTIONS AND ASSOCIATED INSTALLATION EQUIP., INCLUDING GIN POLE AND BLOCK AND TACKLE. ANTENNA AND MAST ARE CAPABLE OF BEING ROTATED THROUGH 360° BY MEANS OF GIN POLE. ANTENNA AS-20A/TRC-1 2/2/44 JUN. 44 | |
| AM-136/CPN-6 | | ECHO SUPPRESSION CIRCUITS AND RECEIVER VOLUME CONTROL IS REMOVED. SIZE: 14 1/2" X 4 1/4" X 3 3/8". | *AS-17/APS AN/APS-2C ANTENNA ASSEMBLY: RESTRICTED "S" BAND ANTENNA; CONSISTS OF A 29" DIA. PARABOLIC DISH WITH 10.6" FOCAL LENGTH. 26V DC TILT MOTOR PROVIDES ±20° FROM HORIZONTAL; ROTATES CONTINUOUSLY AT 12/25 RPM BY MEANS OF A 2-SPEED REVERSIBLE 26V DC MOTOR. PERMITS MOUNTING OF SELSYN ASS: 7/ 1/43 CPR: OCT. 43 | AS-19A/TRC-1 | RESTRICTED IS CARRIED IN CASE CY-30/TRC-1 TOGETHER WITH PLUGS, TAPE, RUNNING SPARES, ETC. THE BALANCE OF ANTENNA SYSTEM AS-19A-TRC-1 IS CARRIED IN CASE CY-29/TRC-1. | | | |
| COMPONENT INDICATOR "AS" ANTENNA SYSTEM | | COMPLEX: ARRAYS, PARABOLIC TYPE, ETC. | *MX-44/APS OR SECTOR SCAN AS-17/APS ASSEMBLY AN/APA-13 OR AZIMUTH STABILIZATION ASSEMBLY AN/APA-14; TILT STABILIZATION ASSEMBLY AN/APA-15; & (LAB) INDICATOR EQUIPMENT AN/APQ-5. USED WITH 50 OHM 7/8" STUB SUPPORTED TRANSMISSION LINE. INCLUDES SIX 5/16"-24 TAPPED HOLES FOR MOUNTING. INPUT: 26V DC. SAME AS *AS-17A/APS EXCEPT ROTATING JOINT DOES NOT INCLUDE SLIP RINGS. | AS-22/APS-3 AN/APS-3 | RESTRICTED ANTENNA ASSEMBLY CONSISTS OF A 5.66" FOCAL LENGTH DISH, RADIATOR, ROTATING JOINT, GEAR BOX, TWO MOTORS, AZIMUTH & TILT POTENTIOMETERS. THE DRIVE MOTOR IS GEARED DOWN TO GIVE 35 AZIMUTH SWEEP CYCLES PER MINUTE OVER AN ARC OF 160° OF THE DISH. THE TILT 7/21/43 CS: AUG. 43 | | | |
| *AS-1/ARR-1 | | CANCELLED REASSIGNED *AT-5/ARR-1 | *AS-17A/APS AN/APS-2(C) ANTENNA ASSEMBLY: RESTRICTED "S" BAND ANTENNA; CONSISTS OF A 29" DIA. PARABOLIC DISH WITH 10.6" FOCAL LENGTH. 26V DC TILT MOTOR PROVIDES ±20° FROM HORIZONTAL; ROTATES CONTINUOUSLY AT 12/25 RPM BY MEANS OF A 2-SPEED REVERSIBLE 26V DC MOTOR. PERMITS MOUNTING OF SELSYN ASSY. 7/1/43 CPR: OCT. 43 | AS-23/AP AIRCRAFT | RESTRICTED ANTENNA ASSEMBLY CONSISTS OF A PICK-UP DIPOLE APPROXIMATELY HALF-WAVE IN LENGTH WITH REFLECTOR. INCLUDES A JACK WHICH FITS NAVY TYPE -49268 PLUG, PROVIDES PICK-UP SIGNAL FOR PHANTOM TARGET TS-44/AP. FIRST PURCHASED UNDER NAVY CONTRACT NXS8-25890 7/23/43 COY: MIT DWG. AUG. 43 B-2657-A | | | |
| MAR. 45 | | | *AS-17A/APS AN/APS-2(C) ANTENNA ASSEMBLY: RESTRICTED "S" BAND ANTENNA; CONSISTS OF A 29" DIA. PARABOLIC DISH WITH 10.6" FOCAL LENGTH. 26V DC TILT MOTOR PROVIDES ±20° FROM HORIZONTAL; ROTATES CONTINUOUSLY AT 12/25 RPM BY MEANS OF A 2-SPEED REVERSIBLE 26V DC MOTOR. PERMITS MOUNTING OF SELSYN ASSY. 7/1/43 CPR: OCT. 43 | AS-24/APS-6 AN/APS-6 | RE 13A 833B SCANNER: RESTRICTED "X" BAND ANTENNA; CONSISTS OF A 1/2 WAVE DIPOLE WITH APPROXIMATELY 17 INCH DIAMETER PARABOLIC REFLECTOR ARRANGED TO SCAN SPIRALLY FROM ZERO TO 60° (HALF ANGLE) AND TO LOCK IN A FIXED CONICAL SCAN AT HALF ANGLE ADJUSTABLE FROM 7/24/43 CAAD: OCT. 43 | | | |
| AS-5/APS-2 AN/APS-2 | | ANTENNA ASSEMBLY: RESTRICTED PARABOLIC. INPUT 24 VOLTS DC. | *MX-44/APS OR SECTOR SCAN *AS-17A/APS AN/APA-13 OR AZIMUTH STABILIZATION ASSEMBLY AN/APA-14; TILT STABILIZATION ASSEMBLY AN/APA-15; & (LAB) INDICATOR EQUIPMENT AN/APQ-5. USED WITH 50 OHM 7/8" STUB SUPPORTED TRANSMISSION LINE. INCLUDES SIX 5/16"-24 TAPPED HOLES FOR MOUNTING. INPUT: 26V DC. SAME AS *AS-17/APS EXCEPT INCLUDES ROTATING JOINT *CU-17/AP WHICH IS PROVIDED WITH SLIP RINGS. | AS-24/APS-6 | RE 13A 833B SCANNER: RESTRICTED "X" BAND ANTENNA; CONSISTS OF A 1/2 WAVE DIPOLE WITH APPROXIMATELY 17 INCH DIAMETER PARABOLIC REFLECTOR ARRANGED TO SCAN SPIRALLY FROM ZERO TO 60° (HALF ANGLE) AND TO LOCK IN A FIXED CONICAL SCAN AT HALF ANGLE ADJUSTABLE FROM 7/24/43 CAAD: OCT. 43 | | | |
| 2/16/43 | | (-66AEV) | *AS-18/APS AN/APS-15 ANTENNA ASSEMBLY: RESTRICTED "X" BAND DOUBLE DIPOLE; HORIZ. POLARIZED & MOUNTED NEAR FOCAL POINT OF CSC SQUARE DISH. A 26V DC TILT MOTOR PROVIDES ±20° FROM HORIZONTAL; ROTATES CONT AT 12/25 RPM BY MEANS OF A 2-SPEED REVERSIBLE 26V DC MOTOR. PERMITS MOUNTING OF SELSYN ASSY 9/25/43 CPR: OCT. 43 | AS-24/APS-6 | RE 13A 833B SCANNER: RESTRICTED "X" BAND ANTENNA; CONSISTS OF A 1/2 WAVE DIPOLE WITH APPROXIMATELY 17 INCH DIAMETER PARABOLIC REFLECTOR ARRANGED TO SCAN SPIRALLY FROM ZERO TO 60° (HALF ANGLE) AND TO LOCK IN A FIXED CONICAL SCAN AT HALF ANGLE ADJUSTABLE FROM 7/24/43 CAAD: OCT. 43 | | | |
| MAR. 45 | | | *AS-18/APS AN/APS-15 ANTENNA ASSEMBLY: RESTRICTED "X" BAND DOUBLE DIPOLE; HORIZ. POLARIZED & MOUNTED NEAR FOCAL POINT OF CSC SQUARE DISH. A 26V DC TILT MOTOR PROVIDES ±20° FROM HORIZONTAL; ROTATES CONT AT 12/25 RPM BY MEANS OF A 2-SPEED REVERSIBLE 26V DC MOTOR. PERMITS MOUNTING OF SELSYN ASSY 9/25/43 CPR: OCT. 43 | AS-24/APS-6 | RE 13A 833B SCANNER: RESTRICTED "X" BAND ANTENNA; CONSISTS OF A 1/2 WAVE DIPOLE WITH APPROXIMATELY 17 INCH DIAMETER PARABOLIC REFLECTOR ARRANGED TO SCAN SPIRALLY FROM ZERO TO 60° (HALF ANGLE) AND TO LOCK IN A FIXED CONICAL SCAN AT HALF ANGLE ADJUSTABLE FROM 7/24/43 CAAD: OCT. 43 | | | |
| AS-9/CPN-3 AN/CPN-3 | | RESTRICTED MAST HEAD: INCLUDES TWO 6 ELEMENT STACK DIPOLES HORIZONTALLY POLARIZED AND IN THE SAME HOUSING. ONE USED FOR TRANSMITTING AND ONE FOR RECEIVING. APPROX 3 FEET HIGH AND 6" IN DIA AND DESIGNED TO BE MOUNTED ON TOP OF MAST. FITS ANTENNA SUPPORT 4/9/43 CPR:358-4643 SEPT 43 | *AS-18/APS AN/APS-15 ANTENNA ASSEMBLY: RESTRICTED "X" BAND DOUBLE DIPOLE; HORIZ. POLARIZED & MOUNTED NEAR FOCAL POINT OF CSC SQUARE DISH. A 26V DC TILT MOTOR PROVIDES ±20° FROM HORIZONTAL; ROTATES CONT AT 12/25 RPM BY MEANS OF A 2-SPEED REVERSIBLE 26V DC MOTOR. PERMITS MOUNTING OF SELSYN ASSY 9/25/43 CPR: OCT. 43 | AS-24/APS-6 | RE 13A 833B SCANNER: RESTRICTED "X" BAND ANTENNA; CONSISTS OF A 1/2 WAVE DIPOLE WITH APPROXIMATELY 17 INCH DIAMETER PARABOLIC REFLECTOR ARRANGED TO SCAN SPIRALLY FROM ZERO TO 60° (HALF ANGLE) AND TO LOCK IN A FIXED CONICAL SCAN AT HALF ANGLE ADJUSTABLE FROM 7/24/43 CAAD: OCT. 43 | | | |
| AB-2/CPN-1. | | AS-9/CPN-3 | *MX-44/APS OR SECTOR SCAN AS-18/APS ASSEMBLY AN/APA-13 OR AZIMUTH STABILIZATION ASSEMBLY AN/APA-14; TILT STABILIZATION ASSEMBLY AN/APA-15; & (LAB) INDICATOR EQUIPMENT AN/APQ-5. INCLUDES SIX 5/16"-24 TAPPED HOLES FOR MOUNTING PROVISIONS. INPUT 26V DC. SAME AS *AS-17/AP EXCEPT INCLUDES "X" BAND PLUMBING & A SPECIAL REFLECTOR. | AS-24/APS-6 | RE 13A 833B SCANNER: RESTRICTED "X" BAND ANTENNA; CONSISTS OF A 1/2 WAVE DIPOLE WITH APPROXIMATELY 17 INCH DIAMETER PARABOLIC REFLECTOR ARRANGED TO SCAN SPIRALLY FROM ZERO TO 60° (HALF ANGLE) AND TO LOCK IN A FIXED CONICAL SCAN AT HALF ANGLE ADJUSTABLE FROM 7/24/43 CAAD: OCT. 43 | | | |
| AS-12/APS-3 AN/APS-3 | | RESTRICTED ANTENNA ASSEMBLY CONSISTS OF A 5.66" FOCAL LENGTH DISH, RADIATOR, ROTATING JOINT, GEAR BOX, TWO MOTORS, AZIMUTH & TILT POTENTIOMETERS. THE DRIVE MOTOR IS GEARED DOWN TO GIVE 35 AZIMUTH SWEEP CYCLES PER MINUTE OVER AN ARC OF 160° OF THE DISH. THE TILT 5/24/43 CPR: CPR:510-586- AUG. 45 | AS-18A/APS AN/APS-15 ANTENNA ASSEMBLY: RESTRICTED "X" BAND DOUBLE WINDOW; HORIZ. POLARIZED & MOUNTED NEAR FOCAL POINT OF CSC SQUARE DISH. A 26V DC TILT MOTOR PROVIDES ± 20° FROM HORIZ; ROTATES CONT AT 12/25 RPM BY MEANS OF A 2-SPEED REVERSIBLE 26V DC MOTOR. PERMITS MOUNTING OF SELSYN ASSY 9/25/43 CPR: DEC. 43 | AS-24/APS-6 | RE 13A 833B SCANNER: RESTRICTED "X" BAND ANTENNA; CONSISTS OF A 1/2 WAVE DIPOLE WITH APPROXIMATELY 17 INCH DIAMETER PARABOLIC REFLECTOR ARRANGED TO SCAN SPIRALLY FROM ZERO TO 60° (HALF ANGLE) AND TO LOCK IN A FIXED CONICAL SCAN AT HALF ANGLE ADJUSTABLE FROM 7/24/43 CAAD: OCT. 43 | | | |
| | | ASSIGNED ISSUED | | | | | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

Army-Navy Designations

4-7

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---------------------------|----------------------------|---|---------------------------|---|-------------------------------|-----------------------|---|-------------------------------|
| AS-24/APS-6(XN1) AN/APX-6 | RE 13A 833A | RESTRICTED SCANNER: A DEVELOPMENTAL "X" BAND ANTENNA: CONSISTS OF A 1/2 WAVE DIPOLE WITH APPROX 17" DIA PARABOLIC REFLECTOR ARRANGED TO SCAN SPIRALLY FROM ZERO TO 60° (HALF ANGLE) & TO LOCK IN A FIXED CONICAL SCAN AT 7 1/2° HALF ANGLE. ROTATIONAL SPEED: 1200 RPM. 10/7/43 CAAD OCT. 43A | AS-31/APN-7 | APPROXIMATELY 22" LONG, SUCH THAT THE END OF THE SPHERE IS APPROXIMATELY 19" FROM THE SKIN OF THE SHIP. | | AS-36/APQ-2 AN/APQ-2 | RESTRICTED ANTENNA ASSEMBLY: CONSISTS OF A DEMOUNTABLE ANTENNA STUB 15" LONG, A MATCHING SECTION WITH A FLANGE FOR MOUNTING TO THE SKIN OF THE PLANE, & A RECEPTACLE ON THE MATCHING SECTION FOR CONNECTING TO A COAXIAL TRANSMISSION LINE. INCLUDES TWO SPARE 8/31/43 CLU:H-907 SEPT 43 CGN: | |
| AS-24/APS-6(XN1) | | FRAM: REPETITION RATE 60 PER MINUTE. POWER INPUT: 26 ±3.5 V DC & APPROX 25 AMPERES. SAME AS AS-24/APS-6 EXCEPT TRANSMISSION LINE IS NOT PRESSURE TIGHT. FIRST PURCHASED UNDER CONTRACT NX9a-2619 | AS-32/APX-1 AN/APX-1 | BUAER-8240 ANTENNA ASSEMBLY- VERTICALLY POLARIZED TAPERED ROD ANTENNA. INCLUDES ONE PLUG NAVY TYPE 49195 AND ONE ADAPTER NAVY TYPE 49192. SIZE: 18 5/16" X 3" X 3 5/8" WEIGHT: 0.7 LBS. INTERCHANGEABLE ELECTRICALLY, MECHANICALLY AND SUPERSEDES 8/14/43 CHZ:AN-9000 DEC.44 CCT:CQM:CWS:CZR | | AS-36/APQ-2 | DESIGNED STUBS WHICH ARE CUT TO THE REQUIRED LENGTH IN ORDER TO PROVIDE MAXIMUM PERFORMANCE. | |
| AS-25/APR-2 AN/APR-2 | | CONFIDENTIAL ANTENNA ASSEMBLY: CONSISTS OF A STUB ANTENNA 30" LONG OVER ALL (ACTIVE PORTION IS 21 3/4"). MOUNTING BASE, COAXIAL RECEPTACLE ARMY TYPE SO-23. COVERS FREQUENCY RANGE OF 90 TO 420 MC. OF RADAR RECEIVER R-34/APR-2. FORMERLY DESIGNATED ANTENNA AN-149-C). 7/23/43 CGG: FEB. 44 | AS-32/APX-1 | 66AAV. USED WITH AN/APX-8 SERIES IFF EQUIPMENT. PART OF: AN/APX-1 AND AN/APX-2 SERIES IFF EQUIPMENT. MANUFACTURER: HAZELTINE ELECTRONICS CORP. CONTRACT NOS. NX9a 27630, 27631, 46070, 59080, 59081, 46071. | | AS-37/SPT-4 AN/SPT-4 | RESTRICTED ANTENNA ASSEMBLY: CONSISTS OF A DIPOLE ANTENNA WITH PLASTIC PROTECTION MOUNTED IN FRONT OF A GROUND PLANE. MATCHING SECTION IS BUILT INTO ANTENNA SUPPORT & A COAXIAL CABLE CONNECTOR IS PROVIDED. ANTENNA COVERS A SPOT FREQUENCY ±10%. 8/31/43 CLU:H-1201 SEPT 43 CGH: | |
| AS-26/APR-2 AN/APR-2 | | CONFIDENTIAL ANTENNA ASSEMBLY: CONSISTS OF AN INVERTED CONE WITH A 60° APEX SUPPORTING AN UPRIGHT CONE WITH 90° APEX. THE HEIGHT OF BOTH CONES IS 8". THE DIA. 6 1/2". INCLUDES BASE MOUNTING FLANGE AND TYPE N RECEPTACLE. COVERS THE FREQ. RANGE OF 300 TO 3000 MC. FOR USE 7/23/43 CGG: JUN. 44 | AS-32A/APX-1 AN/APX-1.2.8 | BUAER-8240 ANTENNA ASSEMBLY- VERTICALLY POLARIZED TAPERED ROD ANTENNA. INCLUDES ONE PLUG NAVY TYPE 49195 AND ONE ADAPTER NAVY TYPE 49192. SIZE: 18 1/2" X 3" X 3 5/8". WEIGHT: 0.8 LBS. INTERCHANGEABLE ELECTRICALLY AND SUPERSEDES AS-32/APX-1. 12/6/44 CHZ: JAN. 45 | | AS-44/APR-5 AN/APR-5 | CONFIDENTIAL ANTENNA ASSEMBLY: CONSISTS OF AN INVERTED CONE SURMOUNTED WITH AN UPRIGHT CONE DESIGNED TO COVER THE FREQUENCY RANGE OF RADAR RECEIVER R-39/APR-5 FROM 1000 TO 3100 MC. HT. 2 1/4". DIA. 2 1/2". INCLUDES A MOUNTING FLANGE, HIGH PASS FILTER WITH A CUT-OFF 8/30/43 FEB. 44 | |
| AS-26/APR-2 | | WITH RADAR RECEIVING EQUIPMENT AN/APR-2. FORMERLY ANTENNA AN-150-C). | AS-32A/APX-1 | AN/APX-2 SERIES AND AN/APX-8 SERIES. SIMILAR TO AS-32/APX-1 EXCEPT FOR INCREASE IN THICKNESS OF ANTENNA INSULATOR BASE BY 3/16". MANUFACTURER: HAZELTINE ELECTRONICS CORP. CONTRACTS: NX9a 46070, 46071, 59080, 59081. | | AS-44/APR-5 | "N" RECEPTACLE FOR CONNECTION TO A 50 OHM COAXIAL TRANSMISSION LINE. | |
| AS-28/APR-1 AN/APR-1 | | RESTRICTED ANTENNA ASSEMBLY: CONSISTS OF A SPECIAL STUB ANTENNA WHICH COVERS THE LOWER HALF OF FREQUENCY RANGE OF EQUIPMENT. CANCELLED 8/1/44 7/28/43 CGG: AUG. 43 | AS-33/APT-2 AN/APT-2 | CONFIDENTIAL ANTENNA ASSEMBLY: CONSISTS OF AN ANTENNA STUB 4" LONG, 1" DIA WITH CYLINDRICAL PLASTIC COVER 5" HIGH AND 1 3/4" IN DIA. A MATCHING SECTION WITH A FLANGE FOR MOUNTING TO THE SKIN OF THE PLANE, & A TYPE "N" RECEPTACLE ON THE MATCHING SECTION FOR CONNECTION TO A 8/19/43 CGM: FEB. 44 | | AS-45/APR-6 AN/APR-6 | CONFIDENTIAL ANTENNA ASSEMBLY: CONSISTS OF FROM 2 TO 7 SECTIONS OF FLEXIBLE WAVE GUIDE 7/8" X 1 31/32". EACH SECTION SIX FEET LONG WITH A FLANGE PER RRL DWG. NO. R1005-89 AND USES TWO HOLED NEOPRENE GASKETS PER RRL DWG. NO. R1005-A8 PER SECTION. FLEXIBLE METAL 8/30/43 MAY 44 | |
| AS-29/APR-1 AN/APR-1 | | RESTRICTED ANTENNA ASSEMBLY: CONSISTS OF A SPECIAL CONE ANTENNA WHICH COVERS THE UPPER HALF OF FREQUENCY RANGE OF EQUIPMENT. CANCELLED 8/1/44 7/28/43 CGG: AUG. 43 | AS-33/APT-2 | OPERATES OVER FREQ. RANGE 400 TO 600 MC. "AN" NOMENCLATURE FOR ANTENNA AN-132-A. EXCEPT HAS TYPE N RECEPTACLE INSTEAD OF SO-239. | | AS-45/APR-6 | MADE FROM LAMINATED BRONZE PURE SILVER STRIP LAMINATED ON BOTH SIDES OF THE BRONZE BASE. FLEXIBLE METAL TUBING IS COVERED WITH SYNTHETIC HOLED JACKET. | |
| AS-31/APN-7 AN/APN-7 | | RESTRICTED ANTENNA ASSEMBLY: HORIZONTALLY POLARIZED & OMNIDIRECTIONAL IN THE HORIZONTAL PLANE. FOR USE IN THE "S" BAND OF FREQUENCIES. CONSISTS OF 3 HALF WAVE DIPOLES ARRANGED IN A CIRCLE IN A WEATHERPROOF PLASTIC SPHERE WHICH IS HELD IN PLACE BY A 3/4" DIA. PIPE 8/11/43 CPR: 3/4" DIA. PIPE CPR:5LO-646 SEPT 43 | AS-34/APT-3 AN/APT-3 | RESTRICTED ANTENNA ASSEMBLY: CONSISTS OF A STREAMLINED TAPERED WOODEN MAST WHICH IS COVERED WITH A SUITABLE CONDUCTIVE MATERIAL. APPROX 25" LONG & 4" X 1" AT THE BASE. INCLUDES A SUITABLE MOUNTING FLANGE & RECEPTACLE FOR CONNECTION TO COAXIAL TRANSMISSION LINE. 8/19/43 CGM: JAN. 44 | | AS-45A/APR-6 AN/APR-6 | RESTRICTED ANTENNA ASSEMBLY: CONSISTS OF A WAVE GUIDE HORN TYPE ANTENNA DESIGNED TO COVER THE FREQ. RANGE OF R-41/APR-6 3000 TO 6000 MC. INCLUDES AN IMPEDANCE MATCHING SECTION FOR ADAPTATION FROM 7/8" X 1 31/32" TO 1 1/2" X 3" WAVE GUIDE. INCLUDES 2 TO 7 5/5/44 JULY 44 | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

AS-45A/APR-6
SECTIONS OF FLEXIBLE WAVE GUIDE 7/8" X 1 31/32", EACH SECTION 4 FT. LONG. FLEXIBLE METAL TUBING USED AS A BASE & COVERED WITH SYNTHETIC MOLDED JACKET. INCLUDES PROVISIONS FOR INSERTION REMOTE CONTROLLED WAVE GUIDE SWITCH. SIMILAR TO AS-45/APR-6 EXCEPT INCLUDES HORN AND WAVEGUIDE ADAPTER SECTION WHICH ARE REMOVABLE.

AS-46/APG-4 AN/APG-4
ANTENNA ASSEMBLY: RESTRICTED
CONSISTS OF A 5 ELEMENT "YAGI" TYPE ARRAY AND SEMI-FIXED MOUNTING WHICH PLACE THE ELEMENTS 1/2 WAVE LENGTH FROM THE METALIZED BODY OF THE SHIP. INPUT IMPEDANCE IS 50 OHM.
9/3/43 CRV: CRV:P255432-1
OCT. 43 SUB 2

AS-46A/APG-4 AN/APG-4
ANTENNA ASSEMBLY: RESTRICTED
CONSISTS OF A 5 ELEMENT "YAGI" TYPE ARRAY AND SEMI-FIXED MOUNTING WHICH PLACE THE ELEMENTS 1/2 WAVE LENGTH FROM THE METALIZED BODY OF THE SHIP. INPUT IMPEDANCE IS 50 OHM. SIMILAR TO AS-46/APG-4 EXCEPT HAS IMPROVED MOUNTING
9/11/44 CRV: CRV:P255432-502
OCT. 44 SUB 9

AS-46A/APG-4
PROVISIONS WHICH PROVIDES GREATER ACCESSIBILITY.

AS-56/SPR-1 AN/SPR-1
ANTENNA ASSEMBLY: RESTRICTED
DIPOLE ANTENNA TO COVER LOWER FREQUENCY RANGE OF EQUIPMENT. ABOUT 6 FEET IN LENGTH. MADE OF WOOD WITH METALLIZED COATING.
10/15/43 RRL:M2408
MAR. 44

AS-57/SPR-1 AN/SPR-1
ANTENNA ASSEMBLY: RESTRICTED
DOUBLE CONE ANTENNA TO COVER FREQ RANGE 300-1000 MC. ABOUT TWO FEET HIGH AND SIX INCHES IN DIA. FITTED WITH TYPE N CONNECTORS TO CONNECT TWO RG-8/U CABLES. SUPPORTED BY PLASTIC FRAMEWORK.
10/15/43 RRL:M2409
MAR. 44

AS-60/APN-1 (XN1) AN/APN-1
ANTENNA ASSEMBLY: RESTRICTED
SURFACE CURRENT ANTENNA ORIGINALLY DESIGNED FOR USE WITH AN/APN-1. SUITABLE FOR ATTACHMENT TO UNDERWING SURFACE OF AIRCRAFT OR OTHER FLAT SURFACE WHICH IS APPROX. PERPENDICULAR TO THE DIRECTION IN WHICH RADIATION OR RECEPTION IS
10/16/43 CRV:P255493
OCT. 43 SUB 0

AS-60/APN-1 (XN1)
DESIRED. TWO SLOTS AT EXTREME EDGES ALONG ENTIRE LENGTH OF LONG AXIS OF EXPOSED SURFACE. INPUT IMPEDANCE 50 OHMS FURNISHED WITH 50 OHM FEMALE RECEPTACLE -49194 DIMENSIONS 16 1/2" X 28 1/2" X 1.080" THICK. FIRST PURCHASED UNDER NAVY ORDER P.O. 600-7043.

AS-67/APQ-2B AN/APQ-2B RRL:M1203
ANTENNA ASSEMBLY: CONFIDENTIAL
BROAD BAND ANTENNA WHICH COVERS FREQ. RANGE 190 TO 575 MC. WITH A 2 TO 1 BALANCED WAVE RATIO. CONSISTS OF METAL CYLINDRICAL RADIATOR. CONE-SHAPED AT ONE END & ROUND AT THE OTHER END; WITH INTERNAL MATCHING SECTION. ANTENNA IS FED
11/25/43 CAGW:
FEB. 44

AS-67/APC-2B
THROUGH AN N CONNECTOR WHICH TERMINATES THE MATCHING SECTION AND PROVIDES CONNECTION TO A 50 OHM COAXIAL CABLE. SIZE APPROX. 5" DIA X 12" LONG. PART OF AN/APQ-2B.

AS-71/SPT-2 AN/SPT-2 RRL:THR57&57A
ANTENNA ASSEMBLY: RESTRICTED
CONSISTS OF AN ADJUSTABLE LENGTH BALANCED DIPOLE WITH POLYSTYRENE PROTECTING TUBES FOR THE RADIATING ELEMENTS. AND A CORNER REFLECTOR COMPOSED OF A NUMBER OF APPROXIMATELY HALF-WAVE DIPOLES. IMPEDANCE MATCHING IS PROVIDED
12/9/43 CAHX: RRL:F-3701
JAN. 44 CTZ:

AS-71/SPT-2
TO MATCH THE DIPOLE INTO AN UNBALANCED CO-AXIAL ANTENNA CABLE PROVIDED WITH STANDARD AN CONNECTORS. A UNIVERSAL MOUNTING ATTACHMENT IS PROVIDED FOR VERTICAL, HORIZONTAL AND 45° ORIENTATION AND FOR HORIZONTAL ROTATION AT ALL THREE POSITIONS. COVER FREQUENCY RANGE AND IS PART OF AN/SPT-2. FIRST PROCURED ON CONTRACTS NXsr-44569 AND NXsr-47414.

AS-72/CPN-8 CONFIDENTIAL
A STACKED DIPOLE TYPE ANTENNA CONSISTING OF A 14 ELEMENT RECEIVING ANTENNA ABOVE AND A 14 ELEMENT TRANSMITTING ANTENNA BELOW. HEAD IS DESIGNED TO BE MOUNTED ON A MAST. ENCLOSED IN A WEATHERPROOF PRESSURIZED HOUSING. DIMENSIONS: APPROX. 12/28/43
APR. 45

AS-72/CPN-8
3 1/2" DIA. X 5' HIGH.

AS-75/HPN-1A AN/MPN-1A
AZIMUTH ANTENNA: CONFIDENTIAL
THIS UNIT CONSISTS OF TWO L-SHAPED ALUMINUM EXTRUSIONS PLACED TOGETHER TO FORM A VARIABLE WIDTH WAVE-GUIDE INTO WHICH IS MOUNTED A DIPOLE ARRAY CONSISTING OF A LARGE NUMBER OF SLOT-FED DIPOLES. THIS ASSEMBLY IS DRIVEN BY AN
1/5/44 CRR: CRR:AR96247-1
JULY 44

AS-75/MPN-1A
ECCENTRIC MECHANISM AND TIE-ROD LOCATED AT ONE END. IT PROVIDES A NARROW RADIATED BEAM WHICH SCANS THE DESIRED AREA. ALSO INCLUDES SWITCHING UNIT FOR AZIMUTH INDICATOR BLANKING AND RECEIVER GAIN SWITCHING. USED WITH X-BAND TRANSMITTER. DIMENSIONS: 8' 6" X 8" X 6".

AS-76/HPN-1A AN/MPN-1A
ELEVATION ANTENNA: CONFIDENTIAL
THIS UNIT CONSISTS OF TWO L-SHAPED ALUMINUM EXTRUSIONS PLACED TOGETHER TO FORM A VARIABLE WIDTH WAVEGUIDE INTO WHICH IS MOUNTED A DIPOLE ARRAY CONSISTING OF 165 SLOT-FED DIPOLES. THIS ASSEMBLY IS DRIVEN BY AN ECCENTRIC
1/5/44 CRR: CRR:AR96244-1
JULY 44

AS-76/MPH-1A
CHAINISH AND TIE-ROD LOCATED AT ONE END. IT PROVIDES A NARROW BEAM OF RADIATION WHICH SCANS THE DESIRED AREA. ALSO INCLUDES SWITCHING UNIT FOR AZIMUTH INDICATOR BLANKING AND RECEIVER GAIN SWITCHING. DIMENSIONS: 14" 0" X 8" X 6". SIMILAR TO AS-43/HPN-1 BUT NOT INTERCHANGEABLE.

AS-77/HPN-1A AN/MPN-1A
SEARCH ANTENNA: CONFIDENTIAL
CONSISTS OF A DOUBLE SECTION OF 1 1/2" X 3" RADIO FREQUENCY LINE RG-48/U. THE DIPOLE ARRAY IS PLACED IN ONE SECTION SO SPACED AS TO GIVE THE DESIRED PATTERN. A FAN TAIL IS PROVIDED TO REDUCE SIDE LOBES CAUSED BY THE WAVE GUIDE'S SHADOW.
1/5/44 CRR: CRR:AR96345-1
JAN. 44

AS-77/MPN-1A
THIS ARRAY IS TERMINATED IN A LOAD TO REDUCE STANDING WAVES. THE DIPOLES ARE ENCLOSED IN A WEATHERPROOF HOUSING. "S" BAND. DIMENSIONS: 4" X 18" X 110". SIMILAR TO BUT NOT INTERCHANGEABLE WITH SEARCH ANTENNA, ARRAY AS-39/MPN-1.

AS-78/HPN-1A AN/HPN-1A
ANTENNA ASSEMBLY:
THIS ANTENNA IS OF THE WHIP-TYPE AND IS COMPOSED OF 5 SECTIONS OF STEEL TUBING WHICH ARE SCREWED TOGETHER. THESE SECTIONS ARE ATTACHED TO A MOUNTING BRACKET AND INSULATOR SUITABLE FOR MOUNTING ON THE TRAILER SIDEWALL. USED
1/5/44 CRR: CRR:C62432
MAR. 44

AS-78/MPN-1A
WITH RADIO SET SCR 274 (AN/ARC-5). DIMENSIONS: 18 FEET.

AS-79/HPN-1A AN/HPN-1A
ANTENNA ASSEMBLY:
CONSISTS OF A 22" STUB ANTENNA ATTACHED TO A SUITABLE INSULATOR AND MOUNTING BRACKET FOR MOUNTING ON THE TRAILER ROOF. USED WITH RADIO SET SCR-522-A. SIMILAR TO BUT NOT INTERCHANGEABLE WITH ANTENNA AT-22/MPN-1
1/5/44 CRR:
MAR. 44

AS-80/CPN-8 CONFIDENTIAL
MAST HEAD:
A VERTICALLY POLARIZED ANTENNA OF A CIRCULAR PATTERN DESIGNED TO BE MOUNTED ON A MAST. CONSISTS OF A SEPARATE RECEIVING AND TRANSMITTING ANTENNAS MOUNTED IN A WEATHERPROOF PRESSURIZED HOUSING. THE MAST HEAD IS SIMILAR TO MAST
1/13/44
APR. 45

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

AS-80/CPN-8
HEAD AS-72/CPN-8. EXCEPT THAT IT RADIATES A VERTICAL POLARIZED WAVE.

AS-100/APX
SIZE APPROX. 12" X 6" EXCLUSIVE OF FITTINGS. PROCURED ON CONTRACT NXSA 43402. TWO USED PER INSTALLATION.

AS-108B/APA-17 AN/APA-17.17A
ANTENNA ASSEMBLY: CONFIDENTIAL
COMBINATION HORIZONTAL DIPOLE AND VERTICAL STUB WITH SUITABLE PARABOLIC REFLECTOR. HORIZONTAL DIPOLE OR VERTICAL STUB MAY BE SELECTED BY MEANS OF R.F. RELAY IN THE ANTENNA ASSEMBLY. OPERATING FREQ. 150 TO 1500 MC. ROTATES AT A 11/10/44
NOY. 44

AS-84/APA-24 AN/APA-24 RE 13A 862A
ANTENNA ASSEMBLY: RESTRICTED
CONSISTS OF A PAIR OF HORIZONTAL DIPOLES AND A PAIR OF VERTICAL DIPOLES MOUNTED THROUGH SUPPORTING ARMS ATTACHED TO A MOUNTING HEAD WITH THE CENTER LINE OF EACH PAIR OF DIPOLES 90° TO EACH OTHER AND ALL CAPABLE OF ROTATING A MAX. 1/29/44
SEPT. 44

AS-101/APA-24 AN/APA-24 RESTRICTED
ANTENNA ASSEMBLY:
CONSISTS OF A PAIR OF HORIZONTAL DIPOLES AND A PAIR OF VERTICAL DIPOLES MOUNTED THRU SUPPORTING ARMS ATTACHED TO A MOUNTING HEAD WITH THE CENTER LINE OF EACH PAIR OF DIPOLES 90° TO EACH OTHER AND ALL CAPABLE OF ROTATING A MAXIMUM OF 200° 5/1/44
JUN. 44

AS-108B/APA-17
VARIABLE SPEED 0 TO 150 R.P.M. SIMILAR TO INTERCHANGEABLE WITH AND WILL REPLACE AS-108/APA-17 AND AS-108A/APA-17.

AS-84/APA-24
OF 200° IN AZIMUTH. COVERS FREQUENCY RANGE OF 100 TO 165 MC. USED WITH RF-11/APA-24.

AS-101/APA-24
IN AZIMUTH. COVERS FREQUENCY RANGE OF 275-450 MCS. SAME AS ANTENNA ASSEMBLY AS-84/APA-24 EXCEPT FOR FREQUENCY RANGE COVERED. USED WITH BUT DOES NOT INCLUDE IMPEDANCE MATCHING-SWITCHING UNIT RF-22/APA-24.

AS-118/CPN-6 AN/CPN-6 RE-9494A
ANTENNA ASSEMBLY: CONFIDENTIAL
INCLUDES TWO CO-LINEAR ANTENNAS HORIZONTALLY POLARIZED, OMNIDIRECTIONAL IN HORIZONTAL PLANE. 32° ± 5° BEAM WIDTH IN VERTICAL PLANE. - ONE ANTENNA FOR RECEIVING AND ONE FOR TRANSMITTING. INCLUDES FEED ARM CONSISTING OF A BYPASSING WAVE 4/14/44
CGG:
FEB. 45

AS-86/ARD-3 AN/ARD-3 RE 13A860A
ANTENNA ASSEMBLY: RESTRICTED
CONSISTS OF A PAIR OF HORIZONTAL DIPOLES AND A PAIR OF VERTICAL DIPOLES MOUNTED THROUGH SUPPORTING ARMS ATTACHED TO A MOUNTING HEAD WITH THE CENTER LINE OF EACH PAIR OF DIPOLES 90° TO EACH OTHER AND ALL CAPABLE OF ROTATING A MAX. OF 2/7/44
CAKS:
JUN. 44

AS-105/APM-40 AN/APM-40
ANTENNA: CONFIDENTIAL
"X" BAND ANTENNA CONSISTING OF AN ANTENNA FEED, WAVE GUIDE SECTION AND A PARABOLIC REFLECTOR WITH SUITABLE SUPPORT. USED FOR BENCH TESTING OF AN/APS-6 AND AN/APS-6A MAJOR UNITS. 3/14/44
MAR. 44

GUIDE RG-52/U CONNECTING AS-118/CPN-6 BY PLAIN FLANGE UG-39/U TO RECEIVER ELEMENT MOUNTED OVER TRANSMITTING ELEMENT. ASSEMBLY TO BE USED AS SHIPBOARD ANTENNA FOR BUT NOT AS PART OF RADIO SET AN/CPN-6. HAS PROVISIONS FOR YARD-ARM OR MAST MOUNTING.

AS-86/ARD-3
200° IN AZIMUTH. COVERS FREQUENCY RANGE OF 350 TO 400 MC. SIMILAR TO AS-84/APA-24 EXCEPT COVERS DIFFERENT FREQUENCY RANGE.

AS-108/APA-17 AN/APA-17
ANTENNA ASSEMBLY: CONFIDENTIAL
COMBINATION HORIZONTAL DIPOLE AND VERTICAL STUB WITH SUITABLE PARABOLIC REFLECTOR. HORIZONTAL DIPOLE OR VERTICAL STUB MAY BE SELECTED BY MEANS OF R.F. RELAY IN THE ANTENNA ASSEMBLY. OPERATING FREQ. 250 TO 1000 MC. ROTATES AT A 4/4/44
CANB:
APR. 44

AS-119/CPN-6 AN/CPN-6 CONFIDENTIAL
ANTENNA ASSEMBLY:
INCLUDES TWO CO-LINEAR ANTENNAS HORIZONTALLY POLARIZED, OMNIDIRECTIONAL IN THE HORIZONTAL PLANE. 5° BEAM WIDTH IN VERTICAL PLANE. ONE ANTENNA IS FOR RECEIVING AND ONE FOR TRANSMITTING. DESIGNED FOR SHORE INSTALLATION ON A 4/14/44
CGG:
APR. 44

AS- 88/APA-24 AN/APA-24 RESTRICTED
ANTENNA ASSEMBLY RE 13A 862A
CONSISTS OF A PAIR OF HORIZONTAL DIPOLES AND A PAIR OF VERTICAL DIPOLES MOUNTED THROUGH SUPPORTING ARMS ATTACHED TO A MOUNTING HEAD WITH THE CENTER LINE OF EACH PAIR OF DIPOLES 90° TO EACH OTHER AND ALL CAPABLE OF ROTATING A MAX. OF 2/10/44
SEPT. 44

AS-108/APA-17
VARIABLE SPEED 0 TO 150 R.P.M.

AS-119/CPN-6
GUYED ANTENNA MAST. PART OF AN/CPN-6. FIRST PROCURED ON NASS-32354.

AS- 88/APA-24
200° IN AZIMUTH. COVERS FREQUENCY RANGE OF 165 TO 275 MC. SAME AS ANTENNA ASSEMBLY AS- 84/APA-24 EXCEPT FOR FREQUENCY RANGE COVERED. USED WITH RF-12/APA-24.

AS-108A/APA-17 AN/APA-17A
ANTENNA ASSEMBLY: CONFIDENTIAL
COMBINATION HORIZONTAL DIPOLE AND VERTICAL STUB WITH SUITABLE PARABOLIC REFLECTOR. HORIZONTAL DIPOLE OR VERTICAL STUB MAY BE SELECTED BY MEANS OF R.F. RELAY IN THE ANTENNA ASSEMBLY. OPERATING FREQ. 250 TO 1000 MC. ROTATES AT A 4/14/44
CKB:
APR. 44

AS-120/TPS-1B AN/TPS-1B
ANTENNA ASSEMBLY: CONFIDENTIAL
CONSISTS OF A REFLECTOR IN THE FORM OF A SLICED PARABOLOID 4 FT. HIGH X 15 FT. WIDE ACROSS THE APERTURE OF STEEL TUBING AND WIRE MESH CONSTRUCTION MAY BE DISMANTLED INTO FIVE SECTIONS TOGETHER WITH THE HORN (USED FOR REFLECTING RADIO BEAM 4/17/44
CW:X-66171P CW:20-418495
DEC. 44 CW:X-66171Q

AS-100/APX AN/APX-1, 2
ANTENNA ASSEMBLY: CONFIDENTIAL
HALF-LOOP ANTENNA WHICH IS HORIZONTALLY POLARIZED AND MOUNTS ON MODIFIED 28 TYPE FITTING. THE RADIATING SECTIONS CONSIST OF TWO 1/4" DIA. STEEL RODS BENT TO FORM OPEN LOOPS. USED WITH TUNING UNIT TN-35/APX AND DESIGNED FOR "B" BAND USE. 3/8/44
CHZ:A2907
MAR. 44

AS-108A/APA-17
VARIABLE SPEED 0 TO 150 R.P.M. SAME AS AS-108/APA-17 EXCEPT HAS DIFFERENT COMPONENT PARTS.

AS-120/TPS-1B
TO MAIN REFLECTOR) TRANSMISSION LINE AND SUPPORTING FRAMEWORK. DESIGNED FOR "L" BAND OPERATION.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-------------------------|--------------------|--|-------------------------|--------------------|--|-------------------------------------|---------------------|---|
| AS-124/APR- AN/APR-2 | | CONFIDENTIAL ANTENNA ASSEMBLY: CONSISTS OF AN INVERTED CONE WITH A 60° APEX SUPPORTING AN UPRIGHT CONE WITH 90° APEX. THE HEIGHT OF BOTH CONES IS 8". THE DIA. 6 1/2". INCLUDES BASE MOUNTING WHICH PROVIDES FOR 45° MOUNTING OF THE ANTENNA AND TYPE N RECEPTACLE. 4/27/44 CGG: JUN. 44 | AS-136/CPA-2 | | WITH AN/CPN-5. PART OF AN/CPA-2. DESIGNED FOR YARDARM OR MAST MOUNTING. SIMILAR TO AS-113/CPN-6 EXCEPT DESIGNED FOR "S" BAND INSTEAD OF "X" BAND. | 160° OF THE DISH. THE AS-163/APS-3A | | TILT MOTOR IS OF A REVERSIBLE FIELD TYPE & IS GEARED TO PROVIDE CONTINUOUS TILT OF THE DISH OVER ARC OF ±8°. INPUT: 24V DC FOR MOTORS. 75V DC FOR AZ. POTENT. SIMILAR TO AS-127/APS-3 EXCEPT HAS DIFFERENT WAVE GUIDE CONNECTION TO RT-10A/APS-3A & ROTARY JOINT HEATER & OTHER MODIFICATIONS. |
| AS-124/APR | | COVERS THE FREQ. RANGE OF 300 TO 3000 MC. FOR USE WITH RADAR RECEIVING EQUIPMENT AN/APR-2. SIMILAR TO AS-26/APR-2 EXCEPT MOUNTS AT 45° INSTEAD OF 90°. USED WITH BUT NOT PART OF AN/APR-2. | AS-145/SPT-6 AN/SPT-6 | RRL-TMR57357C | RESTRICTED ANTENNA ASSEMBLY: CONSISTS OF AN ADJUSTABLE LENGTH BALANCED DIPOLE WITH POLYSTYRENE PROTECTING TUBES FOR THE RADIATING ELEMENTS, AND A CORNER REFLECTOR COMPOSED OF A NUMBER OF APPROXIMATELY HALF-WAVE DIPOLES. IMPEDANCE MATCHING IS PROVIDED 5/30/44 CAHX: MAY 44 CTZ: | AS-166/AP | GEN USE | RESTRICTED ANTENNA ASSEMBLY: DIRECTIONAL ANTENNA ASSEMBLY, CONSISTING OF PORT AND STARBOARD DIRECTIVE ARRAYS. EACH ARRAY CONSISTS OF FOLDED VERTICAL RADIATING ELEMENT AND QUAKER WAVE REFLECTING ELEMENT. ARRAYS ARE VERTICALLY POLARIZED. THE RADIATING AND REFLECTING |
| AS-125/APR- AN/APR-5 | RESTRICTED | ANTENNA ASSEMBLY: CONSISTS OF AN INVERTED CONE SURMOUNTED WITH AN UPRIGHT CONE DESIGNED TO COVER THE FREQUENCY RANGE OF RADAR RECEIVER R-39/APR-5 FROM 1000 TO 3100 MC. HT. 2 1/4". DIA. 2 1/2". INCLUDES A MOUNTING FLANGE FOR 45° MOUNTING OF THE ANTENNA. 5/9/44 NOV. 44A | AS-145/SPT-6 | | TO MATCH THE DIPOLE INTO AN UNSHIELDED CO-AXIAL ANTENNA CABLE PROVIDED WITH STANDARD AN CONNECTORS. A UNIVERSAL MOUNTING ATTACHMENT IS PROVIDED FOR VERTICAL, HORIZONTAL AND 45° ORIENTATION AND FOR HORIZONTAL ROTATION AT ALL THREE POSITIONS. COVERS UPPER FREQUENCY RANGE AND IS PART OF AN/SPT-6. | ELEMENTS ARE IDENTICAL AS-166/AP | | TO THE RADIATING ELEMENT OF THE AS-32/APX-1 ANTENNA ASSEMBLY AND !! USE EXTENDERS TO ARRIVE AT CORRECT FREQ. REQUIRED. MOUNTING PLATE OF RADIATOR IDENTICAL TO AS-32/APX-1. MOUNTING PLATE OF REFLECTOR HAS SAME MOUNTING DIMENSIONS AS THE RADIATOR MOUNTING PLATE. WEIGHT 3 LBS. PART OF AN/APX-8A. |
| AS-125/APR- | | HIGH PASS FILTER WITH A CUT-OFF AT 1000 MC AND A TYPE "N" RECEPTACLE FOR CONNECTION TO A 50 OHM COAXIAL TRANSMISSION LINE. SIMILAR TO AS-44/APR-5 EXCEPT MOUNTS AT 45° INSTEAD OF PERPENDICULAR TO SKIN OF PLANE. USED WITH BUT NOT PART OF AN/APR-5. | AS-146/AXR-3 AN/AXR-3 | | ANTENNA ASSEMBLY: VERTICAL QUARTER WAVE ANTENNA AND MATCHING SECTION WORKING AGAINST A HORIZONTAL GROUND ROD. OPERATING FREQUENCY 264 TO 372 MC. 6/2/44 JUN. 44 | AS-168/AP | AIRBORNE RRL:F 2308 | PICK-UP ANTENNA ASSEMBLY: PICK-UP ANTENNA ASSEMBLY CONSISTS OF A SHORT COPPER STUB COVERED WITH A POLYSTYRENE JACKET AND A METAL HOUSING THAT CONTAINS A CRYSTAL AND CHOKE. USED WITH CONTROL BOX C-157/AP AND MILLIAMETER TS-60/U. WHEN INSTALLED NEAR ANTENNA OF 7/10/44 CAGW: JULY 44 |
| AS-126/UXR-2 AN/URX-2 | | ANTENNA ASSEMBLY: DIRECTIONAL WIDE BAND RECEIVING ARRAY CAPABLE OF RECEIVING BLOCK I FREQUENCIES. QUARTER WAVE ANTENNA ABOVE A GROUND PLANE WITH 1/2 WAVE CORNER REFLECTOR. EACH LEG OF THE CORNER IS 7/10 WAVE LENGTH. OUTPUT IMPEDANCE IS 50Ω. 5/4/44 MAY 44 | AS-158/APA-24 AN/APA-24 | RESTRICTED | ANTENNA ASSEMBLY: CONSISTS OF A PAIR OF HORIZONTAL DIPOLES AND A PAIR OF VERTICAL DIPOLES MOUNTED THRU SUPPORTING ARMS ATTACHED TO A MOUNTING HEAD WITH THE CENTER LINE OF EACH PAIR OF DIPOLES 90° TO EACH OTHER AND ALL CAPABLE OF ROTATING A MAX. OF 200° 6/28/44 SEPT. 44 | AS-168/AP | | RADIO EQUIPMENT ON AIRCRAFT IT IS USED TO PICK UP R.F. ENERGY WHICH IS RECTIFIED AND THEN PASSED ON FOR MEASUREMENT BY TS-60/U. USED TO TEST POWER OUTPUT OF RADIO EQUIPMENT. PERMANENTLY INSTALLED IN AIRCRAFT NEAR RADIO ANTENNAS. |
| AS-135/APN-13 AN/APN-13 | | ANTENNA ASSEMBLY: HORIZONTALLY POLARIZED & OMNIDIRECTIONAL IN THE HORIZONTAL PLANE. FOR USE IN THE 2999 TO 3066 MC BAND OF FREQUENCIES. CONSISTS OF 3 HALF WAVE DIPOLES ARRANGED IN A CIRCLE IN A WEATHERPROOF PLASTIC SPHERE WHICH IS HELD IN PLACE BY A 3/4" 5/18/44 CPR: JUN. 44 | AS-158/APA-24 | | IN AZIMUTH. COVERS FREQUENCY RANGE OF 450 MC TO 750 MC. SAME AS ANTENNA ASSEMBLY AS-85/ARD-3. AS-84/APA-24, AS-83/APA-24 AND AS-101/APA-24 EXCEPT IS DESIGNED FOR DIFFERENT FREQUENCIES. USED WITH RF-26/APA-24. | AS-179/APS-3A AN/APS-3A | | RESTRICTED ANTENNA ASSEMBLY: CONSISTS OF A 5.66" FOCAL LENGTH DISH. PRESSURIZED RADIATOR, ROTATING JOINT, GEAR BOX, AZIMUTH AND TILT MOTOR, AZIMUTH AND TILT POTENTIOMETERS. DRIVE MOTOR IS GEARED DOWN TO GIVE DISH 35 AZIMUTH SWEEP CYCLES/MIN. OVER AN ARC OF 160° OF THE 8/12/44 CS:658224 AUG. 44 |
| AS-135/APN-13 | | DIA. PIPE APPROXIMATELY 22" LONG. SUCH THAT THE END OF THE SPHERE IS APPROXIMATELY 19" FROM THE SKIN OF THE SHIP. SIMILAR TO AS-31/APN-7 EXCEPT COVERS DIFFERENT FREQUENCY RANGE. | AS-162/AP AN/APX-2.2A | RESTRICTED | ANTENNA ASSEMBLY: ANTENNA ASSEMBLY, CONSISTING OF AN AZIMUTH ARRAY SIMILAR TO THE AN-148A. BUT IMPROVED MECHANICALLY. COMPOSED OF HALF WAVE ANTENNA, DIRECTOR, MOUNTING AND CONNECTIONS. USED WITH AN/APX-2 EQUIPMENT. 7/5/44 JULY 44 | AS-179/APS-3A | | DISH. THE TILT MOTOR IS OF A REVERSIBLE FIELD TYPE & IS GEARED TO PROVIDE CONTINUOUS TILT OF THE DISH OVER ARC OF ±8°. INPUT: 24V DC FOR MOTOR 75V DC FOR AZ. POT. & 105V DC FOR TILT POT. SIMILAR TO AS-227/APS-3 EXCEPT HAS DIFFERENT WAVE GUIDE CONNECTION TO RT-10A/APS-3. AND OTHER MODIFICATIONS. SIMILAR TO AS-163/APS-3 EXCEPT HAS DIFFERENT REPLACEABLE PARTS. |
| AS-136/CPA-2 AN/CPA-2 | RE-9494A | ANTENNA ASSEMBLY: INCLUDES TWO CO-LINEAR ANTENNAS, HORIZONTALLY POLARIZED, OMNIDIRECTIONAL IN HORIZONTAL PLANE. 60° BEAM WIDTH IN VERTICAL PLANE. ONE ANTENNA IS FOR RECEIVING AND ONE FOR TRANSMITTING. WILL BE USED AS A SHIPBOARD ANTENNA. USED 5/20/44 CGG: MAY 44 | AS-163/APS-3A AN/APS-3A | RESTRICTED | ANTENNA ASSEMBLY: CONSISTS OF A 5.66" FOCAL LENGTH DISH. RADIATOR, PRESSURIZED ROTATING JOINT AND HEATER, WAVE SELECTOR, GEAR BOX, TWO MOTORS, AZIMUTH & TILT POTENTIOMETERS. DRIVE MOTOR IS GEARED DOWN TO GIVE 35 AZIMUTH SWEEP CYCLES/MIN. OVER AN ARC OF 7/4/44 CPR: JULY 44 | AS-183/DP-1 AN/DPD-1 | | RESTRICTED ANTENNA ASSEMBLY: RECEIVING ANTENNA FOR AN/APD-1 DIRECTION FINDING EQUIP. A MODIFIED AN-51-A TRANSMITTING ANTENNA CONSISTING OF A 1/4 WAVE LENGTH DIPOLE AND DIRECTOR. FREQ. RANGE 140-130 MC. MOUNTED ON TB AIRCRAFT PART OF 8/11/44 CRV: AUG. 44A |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|--|--|--------------------|--|----------------------------|--------------------|--|
| AN/APD-1. 2 REQUIRED PER INSTALLATION. | | AS-183/APD-1 | TWO LINE SCAN IS PROVIDED AND A FOUR LINE SCAN IS PROVIDED AT 70~/MIN. TILT OF THE DISH OVER ARC OF +10° TO -30° FROM THE HORIZONTAL IS PROVIDED. INPUT: 27V DC FOR MOTOR. SIMILAR TO WECO ANTENNA ASSEMBLY FOR AN/APS-4. SIMILAR TO AS-185/APS-4 EXCEPT HAS ONE MOTOR INSTEAD OF TWO. | | AS-205/APS-4 | AS-221/CPN-17 | | MOUNTED ON A MAST. TO BE INCLOSED IN A WEATHER PROOFED PRESSURIZED HOUSING. MOUNTS ON ANTENNA MAST ASSEMBLY AB-90/CPN-17. |
| AS-185/APS-4 AN/APS-4 | RE9544A | ANTENNA ASSEMBLY: CONFIDENTIAL CONSISTS OF A PARABOLIC DISH, RADIATOR, ROTATING JOINT, GEAR BOX, TWO MOTORS, AZIMUTH & TILT POTENTIOMETERS. THE DRIVE MOTOR IS GEARED DOWN TO GIVE 30 OR 70 AZIMUTH SWEEP CYCLES/MIN. OVER AN ARC OF 150° OF THE DISH. AT 30~/MIN.. A TMC LINE 8/25/44 CAQG: CAQG:505000 MAR. 45 | AS-205A/APS-4 AN/APS-4 | RE9544A | ANTENNA ASSEMBLY: CONFIDENTIAL CONSISTS OF A PARABOLIC DISH, RADIATOR, ROTATING JOINT, GEAR BOX, A MOTOR, AZIMUTH & TILT POTENTIOMETERS. THE MOTOR IS GEARED DOWN TO GIVE 30 TWO LINE SCANS PER MIN. ON SEARCH OR 70 FOUR LINE SCANS PER MIN. OR INTERCEPT OVER AN AZIMUTH 2/12/45 CAAD: MAR. 45 | AS-223/GMQ-5 AN/GMQ-5 | | ANTENNA ASSEMBLY: CONFIDENTIAL AN ARRAY OF 12 STUB ANTENNAS AT-85/GMQ-5 ARRANGED IN SIX HALF WAVE DIPOLES (3 EXCITED AND 3 PARASITIC REFLECTORS); ELEMENTS ARE ATTACHED TO A STRUCTURE OF ALUMINUM TUBING ARRANGED NORMAL TO THE VERTICAL CIRCUIT MAST. CONNECTS TO RADIO 11/17/44 FEB. 45 |
| SCAN IS PROVIDED AND A FOUR LINE SCAN IS PROVIDED AT 70~/MIN. THE TILT MOTOR IS OF A REVERSIBLE FIELD TYPE & IS GEARED TO PROVIDE CONTINUOUS TILT OF THE DISH OVER ARC OF +10° TO -30° FROM THE HORIZONTAL. INPUT: 27V DC FOR MOTORS. ELECTRICALLY & MECHANICALLY INTERCHANGEABLE WITH WECO ANTENNA ASSEMBLY FOR AN/APS-4. CANCELLED 3/10/45 (AS-205/APS-4 USED INSTEAD) | | AS-185/APS-4 | ARC OF 150°. TILT OF THE DISH OVER ARC OF +10° TO -30° FROM THE HORIZONTAL IS PROVIDED. INPUT: 26V DC FOR MOTOR. ELECTRICALLY & MECHANICALLY INTERCHANGEABLE WITH WECO ANTENNA ASSEMBLY FOR AN/APS-4. SIMILAR TO AS-205/APS-4 EXCEPT IMPROVED IN DESIGN. | | AS-205A/APS-4 | AS-223/GMQ-5 | | RECEIVER R-141/GMQ-5 BY A 70 OHM COAXIAL LINE. |
| AS-186/APA-17 AN/APA-17.17A | | CONFIDENTIAL COMBINATION QUARTER WAVE HORIZONTAL AND VERTICAL DIPOLE ANTENNAE AND REFLECTORS. SELECTION OF EITHER ANTENNA MAY BE MADE BY AN R.F. RELAY IN ANTENNA ASSEMBLY. FREQ. RANGE 1000-5000 MC. APPROX. SIZE 16" DIA. AT BASE & 10" HIGH. WEIGHT, 8/26/44 RRL:M4500 NOV. 44 | AS-208/TPS-9 AN/TPS-9 | CONFIDENTIAL | ANTENNA ASSEMBLY: UMBRELLA TYPE PARABOLICAL ANTENNA. MAY BE COLLAPSED FOR EASY TRANSPORTATION; WHEN ENCLOSED IS 10 FT. DIAMETER. MADE TO FIT ON TOP OF MAST BY MEANS OF A PLUG ATTACHED AT THE CENTER OF GRAVITY OF THE ANTENNA SUPPORT. DIAMETER WHEN COLLAPSED 9/27/44 CAY: CAY:T-7613832 SEPT. 44 DL-7502680 G1 | AS-236/SPT AN/SPT-6A | RRL-TMRS7257C | ANTENNA ASSEMBLY: RESTRICTED CONSISTS OF 3 ADJUSTABLE LENGTH BALANCED DIPOLE-BAZOOKA ASSYS. WITH POLYSTYRENE PROTECTING TUBES FOR THE RADIATING ELEMENTS OF THE LARGER DIPOLE AND A CORNER REFLECTOR COMPOSED OF A NUMBER OF APPROX. HALF-WAVE DIPOLES. IMPEDANCE MATCHING IS 11/20/44 RRL:F-4701 MAY 45 |
| APPROX. 10 LBS. ROTATES AT A VARIABLE SPEED 0 TO 150 RPM. SIMILAR TO AS-108/APA-17 BUT COVERS DIFFERENT FREQUENCY RANGE. WILL NOT SUPERSEDE AS-108/APA-17. TO BE USED ON PB4Y-2 INSTALLATIONS. USED WITH BUT NOT PART OF AN/APA-17. 17A. | | AS-186/APA-17 | 89" X 18" WEIGHT: 72 LBS. | | AS-208/TPS-9 | AS-236/SPT | | PROVIDED TO MATCH THE ANTENNA CABLE PROVIDED WITH STANDARD "AN" CONNECTORS. A UNIVERSAL MOUNTING ATTACHMENT IS PROVIDED FOR VERTICAL, HORIZONTAL AND 45° ORIENTATION AND FOR HORIZONTAL ROTATION AT ALL THREE POSITIONS. COVERS FREQUENCY RANGE AND IS PART OF AN/SPT-6, 6A & AN/SPT-7. CAN BE USED TO REPLACE AS-71/SPT-2 AND AS-145/SPT-6. |
| AS-203/VRC | | ANTENNA ASSEMBLY: A VEHICULAR ANTENNA APPROXIMATELY 15 1/2' LONG WITH CANVAS ROLL, CANVAS COVER, MOUNTING BASE AND BRACKETS. FOR USE IN VEHICULAR INSTALLATIONS WHERE AN AN ANTENNA OF THIS TYPE IS DESIRED. SAME AS ANTENNA ASSEMBLY 66036 EXCEPT USES 10/5/44 OCT. 44 | AS-209/SPR AN/APR-5AX | CONFIDENTIAL | ANTENNA ASSEMBLY: CONSISTS OF AN INVERTED CONE SURMOUNTED WITH AN UPRIGHT CONE DESIGNED TO COVER THE FREQUENCY RANGE FROM 1000 TO 3100 MC. HT. 2 1/4". DIA. 2-1/2". INCLUDES A MOUNTING FLANGE, HIGH PASS FILTER WITH A CUT-OFF AT 1000 MC AND A TYPE "N" RECEIVER 9/26/44 SEPT. 44A | AS-237/APS-20 AN/APS-20 | CONFIDENTIAL | ANTENNA ASSEMBLY: CONSISTS OF AN 8' BY 3' PARABOLOID SECTION REFLECTOR WITH R.F. HORN FEED, A ROTATING JOINT AND DRIVING MECHANISM. USED FOR BOTH RECEIVING & TRANSMITTING IN THE "S" BAND. THE ANTENNA ROTATES THROUGH 360° AT A RATE OF 6 R.P.M. IN 11/23/44 CAXX: DEC. 44 |
| MAST BASE MP-57. | | AS-203/VRC | TACLE FOR CONNECTION TO A 50 OHM COAXIAL TRANSMISSION LINE. MOUNTS ON A 157 1/2° SECTOR OF A 12" GROUND PLANE. INCLUDES HEMISPHERICAL PLEXIGLASS MACELLE. USED WITH AN/APR-5AX AND AN/SPR-2. | | AS-209/SPR | AS-237/APS-20 | | EITHER DIRECTION UNDER THE CONTROL OF EITHER THE OPERATOR OR REMOTE CONTROL EQUIPMENT. INCLUDES SYNCHRO GENERATORS TO PROVIDE AZIMUTH INFORMATION. INPUTS ARE: R.F. POWER FROM THE RADAR TRANSMITTER T-126/APS-20 2 PHASE AND 3 PHASE SYNCHRO OUTPUT FROM A HOUSING MASTER INDICATOR OF FLUX GATE SYSTEM, 120 VOLTS, 400 CYCLES, AC AND 28 VOLTS DC. |
| AS-205/APS-4 AN/APS-4 | RE9544A | ANTENNA ASSEMBLY: CONFIDENTIAL CONSISTS OF A PARABOLIC DISH, RADIATOR, ROTATING JOINT, GEAR BOX, A MOTOR, AZIMUTH & TILT POTENTIOMETERS. THE MOTOR IS GEARED DOWN TO GIVE 30 OR 70 AZIMUTH SWEEP CYCLES/MIN. OVER AN ARC OF 150° OF THE DISH. AT 30 CYCLES/MIN.. A 9/19/44 CAAD: NOV. 44 | AS-221/CPN-17 AN/CPN-17 | CONFIDENTIAL | ANTENNA ASSEMBLY: CONSISTS OF "S" BAND STACKED DIPOLE TYPE, 3 ELEMENT FOR BOTH RECEIVING AND TRANSMITTING. ANTENNA IS HORIZONTALLY POLARIZED WITH A CIRCULAR PATTERN. PATTERN HAS APPROX. 30°-40° ANGULAR WIDTH IN THE VERTICAL PLANE. DESIGNED TO BE 10/30/44 CQG: FEB. 45 | AS-238/APS(XN-) AN/APS-19 | CONFIDENTIAL | ANTENNA ASSEMBLY: PARABOLIC TYPE OF REFLECTOR OF APPROX. 17" DIA. SPEED OF ROTATION, 1200 R.P.M. PROVISIONS FOR SPIRAL SCAN IN ARCS OF 130° AT 15 NODS/MIN. AND 30° AT 60 NODS/MIN.; FOR ASV TYPE OF SCAN IN AN ARC OF 130° AT 15 NODS/MIN. BEAM WIDTH, MAX. 11/30/44 CAAD: NOV. 44 |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------------|---|-----------------------|------------------------|--|-----------------------|-------------------------|--|
| AS-232/APS(XN-) | | 6°. PROVISIONS ARE MADE FOR MANUAL TILT CONTROL OF FROM -30° TO +15° ABOVE HORIZONTAL. FOR USE WITH RADAR SET AN/APS-19. MFG., DALHO VICTOR, INC. | AS-263/UPT | | SUPPORTS. ARMS ARE 70° APART. INCLUDES DECK MOUNTING AND PROVISIONS FOR HORIZONTAL AND VERTICAL POLARIZATION AND AZIMUTH INDICATION. S.W.R. MAY BE ADJUSTED TO LESS THAN 2:1 IN THE FREQUENCY RANGE OF 175 TO 550 MC. USED WITH AN/SPT-4, AN/APQ-2 SERIES AND AN/UPT-T4. | AS-235/UR | AN/ART-23.SRS-1 RE 16L3 | ANTENNA ASSEMBLY; CONFIDENTIAL OMNIDIRECTIONAL WIDE BAND ANTENNA ESSENTIALLY FLAT OVER THE FREQUENCY RANGE OF 74 TO 106 MC. ESSENTIALLY A QUARTER WAVE RADIATOR WORKING AGAINST THE SKIN OF THE AIRPLATE AS A GROUND PLANE. INCLUDES MATCHING SECTION TO PROVIDE FOR 50 OHM |
| AS-242/A | | ANTENNA ASSEMBLY; RESTRICTED HORIZONTAL DIPOLES AND MOUNTING. DIPOLE EXTENSION UNITS AND BALUN IMPEDANCE MATCHING TRANSFORMER. MANUALLY OPERATED BY A WHEEL SO ADJUSTED AS TO LIMIT ROTATION TO APPROXIMATELY 210°. COVERS 12/14/44 DEC. 44 | AS-267/U | TS-189/U RESTRICTED | ANTENNA ASSEMBLY; CONSISTS OF DIPOLE IN TWO QUARTER WAVE REMOVABLE SECTIONS MOUNTED ON A BALUN WHICH PROVIDES IMPEDANCE MATCH BETWEEN EQUIPMENT AND ANTENNA. BALUN INCLUDES MOUNTING FLANGE AND A POLYSTYRENE TOP SEAL. DIPOLE IS 9 1/2" TIP TO TIP. 2/21/45 FEB. 45 | AS-235/UR | GEN. USE CONFIDENTIAL | LOOP PROBE ASSEMBLY; LOOP PROBE ASSEMBLY FOR EXACT LOCALIZATION OF SMALL SOURCES OF NOISE RADIATION. CONSISTS OF A 3" MULTI-TURN UNSHIELDED LOOP MOUNTED ON END OF A HOLLOW 9" BAKELITE HANDLE CONTAINING IMPEDANCE MATCHING TRANSFORMERS. 8 FT. OF CONNECT-3/30/45 CFC:32-XA6 CFC:FYS-5-B MAR. 45 |
| AS-242/A | | FREQUENCY RANGE OF 100-275 MC SHALL BE RETRACTABLE WHEN NOT IN USE. THIS ANTENNA IS TO OPERATE AS A DIRECTION FINDING ANTENNA WITH AURAL NULL PRESENTATION. USED WITH AN/APR-1 AND SIMILAR RECEIVERS. SIMILAR TO AS-101/APA-24 EXCEPT FOR VERTICAL DIPOLES, HYDRAULIC DRIVE AND FREQUENCY RANGE. | AS-267/U | | BALUN IS 1 1/16" O.D. X 4 1/16" LONG. PART OF TEST SET TS-189/U. | AS-235/U | GEN. USE CONFIDENTIAL | LOOP PROBE ASSEMBLY; LOOP PROBE ASSEMBLY FOR EXACT LOCALIZATION OF SMALL SOURCES OF NOISE RADIATION. CONSISTS OF A 3" MULTI-TURN UNSHIELDED LOOP MOUNTED ON END OF A HOLLOW 9" BAKELITE HANDLE CONTAINING IMPEDANCE MATCHING TRANSFORMERS. 8 FT. OF CONNECT-3/30/45 CFC:32-XA6 CFC:FYS-5-B MAR. 45 |
| AS-246/AP | RESTRICTED | ANTENNA ASSEMBLY; CONSISTS OF AN INVERTED CONE SURMOUNTED WITH AN UPRIGHT CONE DESIGNED TO COVER FREQUENCY RANGE 1000-4000MC WITH LESS THAN 2 TO 1 STANDING WAVE RATIO. INCLUDES A MOUNTING FLANGE FOR 45° MOUNTING OF THE ANTENNA. 12/29/44 CAGM: JAN. 45A | AS-268/UPT-T3 | AN/UPT-T3 RE9625 | ANTENNA ASSEMBLY; CONFIDENTIAL HORN TYPE ANTENNA, 12 DB GAIN CAPACITY; BEAM WIDTH 20° VERTICALLY & HORIZONTALLY. 8 IN. LONG WITH APPROXIMATELY 5" SQUARE MOUTH. ASSEMBLY INCLUDES ASSOCIATED CABLE AND FLANGE FOR RAIL OR BULK HEAD MOUNTING; USED WITH TRANSMITTER-2/21/45 FEB. 45 | AS-236/U | GEN. USE CONFIDENTIAL | LOOP PROBE ASSEMBLY; LOOP PROBE ASSEMBLY FOR EXACT LOCALIZATION OF SMALL SOURCES OF NOISE RADIATION. CONSISTS OF A 3" MULTI-TURN UNSHIELDED LOOP MOUNTED ON END OF A HOLLOW 9" BAKELITE HANDLE CONTAINING IMPEDANCE MATCHING TRANSFORMERS. 8 FT. OF CONNECT-3/30/45 CFC:32-XA6 CFC:FYS-5-B MAR. 45 |
| AS-246/AP | RESTRICTED | INTERCHANGEABLE MECHANICALLY WITH AS-125/APR. SIMILAR TO AS-125/APR EXCEPT FOR FREQUENCY RANGE. USED WITH TRANSMITTER INSTEAD OF RECEIVER. AND LESS FILTER. | AS-268/UPT-T3 | AN/UPT-T3 | MODULATOR T-132/UPT-T3. PART OF RADAR TRAINING SET AN/UPT-T3. | AS-236/U | GEN. USE CONFIDENTIAL | LOOP PROBE ASSEMBLY; LOOP PROBE ASSEMBLY FOR EXACT LOCALIZATION OF SMALL SOURCES OF NOISE RADIATION. CONSISTS OF A 3" MULTI-TURN UNSHIELDED LOOP MOUNTED ON END OF A HOLLOW 9" BAKELITE HANDLE CONTAINING IMPEDANCE MATCHING TRANSFORMERS. 8 FT. OF CONNECT-3/30/45 CFC:32-XA6 CFC:FYS-5-B MAR. 45 |
| AS-257/GPX-2 | AN/GPX-2(C) SPEC: EN-102 | ANTENNA ASSEMBLY; RESTRICTED ANTENNA ASSEMBLY - CONSISTS OF OMNIDIRECTIONAL TRANSMITTING ANTENNA AND TWO RECEIVING ANTENNAS, ON A FIXED MOUNT. THE TRANSMITTING ANTENNA IS A SINGLE AN-147A VERTICALLY MOUNTED. RECEIVING ANTENNAS SHALL BE AN-148A MOUNTED WITH 1/22/45 JAN. 45 | AS-273/APG-17 | AN/APG-17 CONFIDENTIAL | ANTENNA ASSEMBLY; CONSISTS OF TWO DOUBLE-BAY CYLINDRICAL PARABOLAS TO OPERATE IN THE FREQUENCY BAND 1475-1525 MC. USED TO TRANSMIT AND RECEIVE SIGNALS GENERATED BY TRANSMITTER-RECEIVER RT-93/APG-17. SIZE, 8 1/2" X 8 1/2" X 12". WT. 6 LBS. 3/14/45 MAR. 45 | AS-236/U | GEN. USE CONFIDENTIAL | LOOP PROBE ASSEMBLY; LOOP PROBE ASSEMBLY FOR EXACT LOCALIZATION OF SMALL SOURCES OF NOISE RADIATION. CONSISTS OF A 3" MULTI-TURN UNSHIELDED LOOP MOUNTED ON END OF A HOLLOW 9" BAKELITE HANDLE CONTAINING IMPEDANCE MATCHING TRANSFORMERS. 8 FT. OF CONNECT-3/30/45 CFC:32-XA6 CFC:FYS-5-B MAR. 45 |
| AS-257/GPX-2 | | THE ELEMENTS VERTICAL AND EACH WITH A REFLECTOR SO ARRANGED THAT IT MAY BE MOUNTED FLAT AGAINST A WALL OR MAY BE MOUNTED TO FORM A CORNER REFLECTOR. PART OF: AN/GPX-2. DIFFERS FROM AS-253(C)/GPX-1 IN THAT IT DOES NOT USE THE MODIFIED AN-147A OR AN-148A AND THAT IT DOES NOT ROTATE. CONTRACT: MAJESTIC NOQS 4516. | AS-284/APS-19 | AN/APS-19 948C | ANTENNA ASSEMBLY; CONFIDENTIAL CONSISTS OF A 18" PARABOLIC REFLECTOR MOUNTED SO THAT IT CAN PROVIDE EITHER SPIRAL OR LINE SCAN. DESIGNED FOR MOUNTING IN F-7-F AND F-8-F AIRCRAFT. ROTATES AT 1200 RPM. RADIATION PATTERN IS 5.2° IN THE HORIZONTAL PLANE. RF PORTS 3/23/45 CS: MAR. 45A | AS-236/U | GEN. USE CONFIDENTIAL | LOOP PROBE ASSEMBLY; LOOP PROBE ASSEMBLY FOR EXACT LOCALIZATION OF SMALL SOURCES OF NOISE RADIATION. CONSISTS OF A 3" MULTI-TURN UNSHIELDED LOOP MOUNTED ON END OF A HOLLOW 9" BAKELITE HANDLE CONTAINING IMPEDANCE MATCHING TRANSFORMERS. 8 FT. OF CONNECT-3/30/45 CFC:32-XA6 CFC:FYS-5-B MAR. 45 |
| AS-263/UPT | GEN. USE RESTRICTED | ANTENNA ASSEMBLY SHIPBORNE DIRECTIONAL ANTENNA CONSISTING OF A DIPOLE IN A CORNER REFLECTOR. THE DIPOLE IS ADJUSTABLE BOTH IN LENGTH AND IN DISTANCE FROM THE APEX OF THE REFLECTOR. REFLECTOR CONSISTS OF TWO ARMS OF 16 VERTICAL RODS EACH WITH NECESSARY 2/14/45 RRL:F3903 FEB. 45A | AS-284/APS-19 | | TION IS PRESSURIZED. INCLUDES PROVISIONS FOR TRANSLATING THE POSITION OF THE SCANNING DISH ONTO THE INDICATOR. OPERATES IN "K" BAND. WT. APPROX 45 LBS. SIZE: 20" DIA X 16" LONG. INPUT 27V DC @ 600W. | AS-236/U | GEN. USE CONFIDENTIAL | LOOP PROBE ASSEMBLY; LOOP PROBE ASSEMBLY FOR EXACT LOCALIZATION OF SMALL SOURCES OF NOISE RADIATION. CONSISTS OF A 3" MULTI-TURN UNSHIELDED LOOP MOUNTED ON END OF A HOLLOW 9" BAKELITE HANDLE CONTAINING IMPEDANCE MATCHING TRANSFORMERS. 8 FT. OF CONNECT-3/30/45 CFC:32-XA6 CFC:FYS-5-B MAR. 45 |
| | | | | | | AS-237/APS-31 | AN/APS-31 | ANTENNA ASSEMBLY; CONFIDENTIAL "X" BAND ANTENNA ASSEMBLY DESIGNED TO MOUNT IN A 23 1/2" SHOCK MOUNTING RING WHICH ALSO MOUNTS RT-101/APS-31. LINE OF SIGHT STABILIZED, PROVIDES 150° AND 60° SECTOR SCAN FORWARD-LOOKING AT FAST AND SLOW SPEED. CONSISTS OF A GEAR BOX, 4/4/45 CPR: APR. 45B |
| | | | | | | AS-237/APS-31 | AN/APS-31 | ROTATING PLATFORM ON WHICH IS MOUNTED REFLECTOR, FEED AND SERVO TORQUE UNIT AND NECESSARY PLUMBING AND ROTARY JOINTS. MOUNTED ON GEAR BOX ARE AZIMUTH MOTOR & AZIMUTH TAKE-OFF ASSEMBLIES. INCLUDES PROVISIONS FOR LAB SYNCHRO. ALSO INCLUDES AN-112/APS-31, HD-16/AP AND AZIMUTH MOTOR CONTROL AND INTERCONNECTING WAVE GUIDE. SIZE APPROX 23 1/2" DIA X 26 1/4" HIGH. WT. 60 LBS. |
| | | | | | | AS-238/APS-32 | AN/APS-32 | ANTENNA ASSEMBLY; CONFIDENTIAL "K" BAND. DESIGNED TO MOUNT IN A 23 1/2" SHOCK MOUNTING RING WHICH ALSO MOUNTS RT-93/APS-32. LINE OF SIGHT STABILIZED. PROVIDES 150° & 60° SECTOR SCAN FORWARD-LOOKING AT FAST & SLOW SPEEDS. CONSISTS OF GEAR BOX, ROTATING PLATFORM WHICH 4/4/45 CPR: APR. 45B |
| | | | | | | AS-238/APS-32 | AN/APS-32 | MOUNTS REFLECTOR, FEED & SERVO TORQUE UNIT & NECESSARY PLUMBING & ROTARY JOINTS. MOUNTED ON GEAR BOX ARE AZ. MOTOR & AZ. TAKE-OFF ASSEMBLIES. INCLUDES PROVISIONS FOR LAB SYNCHRO. ALSO INCLUDES AN-112/APS-31, HD-16/AP & AZIMUTH MOTOR CONTROL & INTERCONNECTING WAVE GUIDE. SAME AS AS-287/APS-31 EXCEPT OPERATES IN K BAND. WT. APPROX 55 LBS. SIZE 23 1/2" DIA. X 24 1/2" APPROX. |

Army-Navy Designations

4-13

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

AS-289/APS-33 AN/APS-33
 ANTENNA ASSEMBLY: "X" CONFIDENTIAL
 BAND, PENCIL BEAM. MOUNTS ON A HORIZONTAL PLANE WHICH ALSO MOUNTS RT-101/APS-31 LINE OF SIGHT STABILIZED & CAPABLE OF AZIMUTH STABILIZATION WHEN USED WITH A FLUX-GATE COMPASS. PROVIDES PPI SCAN OR 60° SECTOR SCAN AT FAST & SLOW SPEEDS.
 4/7/45 CPR: 948A
 MAY 45

CONSISTS OF GEAR BOX, RO- AS-289/APS-33 TATING PLATFORM ON WHICH IS MOUNTED REFLECTOR, FEED, SERVO TORQUE UNIT, NECESSARY PLUMBING & ROTARY JOINTS. MOUNTED ON GEAR BOX ARE AZIMUTH MOTOR & AZIMUTH TAKE-OFF ASSEMBLIES. INCLUDES PROVISIONS FOR LAB SYNCHRO. ALSO INCLUDES AM-113/APS-33, HD-16/AP & INTERCONNECTING WAVEGUIDE. SIZE: APPROX: 32" X 28 1/2" X 28 1/2". WT. APPROX. 75 LBS.

AS-289A/APS-33 AN/APS-33
 ANTENNA ASSEMBLY: "X" CONFIDENTIAL
 BAND, CSC-SQUARED BEAM. MOUNTS ON A HORIZONTAL PLANE. ALSO MOUNTS RT-101/APS-31 LINE OF SIGHT STABILIZED & CAPABLE OF AZ. STABILIZATION WHEN USED WITH A FLUX-GATE COMPASS. PROVIDES PPI SCAN OR 60° SECTOR SCAN AT FAST & SLOW SPEEDS. CON-5/15/45 CPR: 948A
 MAY 45A

SISTS OF GEAR BOX, RO- AS-289A/APS-33 TATING PLATFORM MOUNTING REFLECTOR, FEED, SERVO TORQUE UNIT, NECESSARY PLUMBING. MOUNTED ON GEAR BOX ARE AZ. MOTOR & AZ. TAKE-OFF ASS'YS. INCLUDES PROVISIONS FOR LAB SYNCHRO. INCLUDES AM-113/APS-33, HD-16/AP & INTERCONNECTING WAVEGUIDE. SIZE: APPROX: 32" X 28 1/2" X 28 1/2". WT. APPROX. 75 LBS. SAME AS AS-289/APS-33 EXCEPT HAS WIDER BEAM.

AS-290/APS-34 AN/APS-34
 ANTENNA ASSEMBLY: CONFIDENTIAL
 "K" BAND. DESIGNED TO MOUNT ON A HORIZONTAL PLANE WHICH ALSO MOUNTS RT-99/APS-32 LINE OF SIGHT STABILIZED & CAPABLE OF AZIMUTH STABILIZATION WHEN USED WITH A FLUX-GATE COMPASS. PROVIDES PPI SCAN OR 60° SECTOR SCAN AT FAST & SLOW
 4/4/45 CPR: 948A
 APR. 45B

SPEEDS. CONSISTS OF A AS-290/APS-34 GEAR BOX, ROTATING PLATFORM ON WHICH IS MOUNTED REFLECTOR, FEED, SERVO TORQUE UNIT & NECESSARY PLUMBING & ROTARY JOINTS MOUNTED ON GEAR BOX ARE AZ. MOTOR & AZ. TAKE-OFF ASSEMBLIES. INCLUDES PROVISIONS FOR LAB SYNCHRO. ALSO INCLUDES AM-113/APS-33, HD-16/AP & INTERCONNECTING WAVEGUIDE. SIZE 27" X 28 1/4" X 28 1/2". WT. 75 LBS.

AS-292/APS-158M AN/APS-158M
 ANTENNA ASSEMBLY: CONFIDENTIAL
 CONSISTS OF AN 8' BY 3' PARABOLOID SECTION REFLECTOR WITH R.F. HORN FEED, A ROTATING JOINT AND DRIVING MECHANISM. USED FOR BOTH RECEIVING & TRANSMITTING IN THE "X" BAND. THE ANTENNA ROTATES THROUGH 360° AT A RATE OF 6 R.P.M. IN
 4/11/45 CPR: 948A
 APR. 45

AS-292/APS-158M
 EITHER DIRECTION UNDER THE CONTROL OF THE OPERATOR. INCLUDES SYNCHRO GENERATOR TO PROVIDE AZIMUTH INFORMATION. INPUTS ARE R.F. POWER FROM RT-59/APS-158, 2 PHASE SYNCHRO OUTPUT FROM A MODIFIED AN/APA-14. 115 VOLTS 800 CYCLES, AC AND 28 VOLTS DC.

AS-298/APS-20A AN/APS-20A
 ANTENNA ASSEMBLY: CONFIDENTIAL
 CONSISTS OF AN 8' BY 3' PARABOLOID SECTION REFLECTOR WITH R.F. HORN FEED, A ROTATING JOINT AND DRIVING MECHANISM. USED FOR BOTH RECEIVING & TRANSMITTING IN THE "S" BAND. THE ANTENNA ROTATES THROUGH 360° AT RATES OF 6 & 2 R.P.M. IN
 4/14/45 CAXX:
 APR. 45

EITHER DIRECTION UNDER AS-298/APS-20A THE CONTROL OF EITHER THE OPERATOR OR REMOTE CONTROL EQUIPMENT. INCLUDES SYNCHRO UNIT & SCOTT TRANSFORMER TO PROVIDE AZIMUTH INFORMATION. INPUTS ARE: R.F. POWER FROM THE RADAR TRANSMITTER T-120/APS-20, 3 PHASE SYNCHRO OUTPUT FROM A MASTER INDICATOR OF FLUX GATE SYSTEM, 120 VOLTS, 400 CYCLES, AC AND 28 VOLTS DC.

AS-299/AP CONFIDENTIAL
 ANTENNA ASSEMBLY:
 A PICKUP DIPOLE ASSEMBLY CONSISTING OF A PARABOLIC REFLECTOR, A DIPOLE, AND DIRECTOR DISK. THE DIPOLE AND DIRECTOR DISK ARE HOUSED IN A SMALL CYLINDRICAL PLASTIC CASE WHICH HAS BEEN THREADED TO THE REFLECTOR. SIMILAR TO ANTENNA AS-4/14/45 CW: 80-460815
 APR. 45 ISSUE 1

AS-299/AP
 SEMBLY AS-15/AP EXCEPT THE RF CABLE RO-3/U HAS BEEN REMOVED AND REPLACED BY A TYPE "M" JACK. DIMENSIONS: 1 7/8" OIA. X 5 7/8" HIGH WITH 4 1/2" DIA. REFLECTOR. FOR USE WITH ECHO BOX TS-311/UP. PROCURED ON CONTRACT NXSP-51503

AS-301/APS-30 AN/APS-30
 ANTENNA ASSEMBLY: CONFIDENTIAL
 "X" BAND ANTENNA ASSEMBLY DESIGNED TO MOUNT IN A 23 1/2" SHOCK MOUNTING RING WHICH ALSO MOUNTS RT-101/APS-31. UNSTABILIZED. PROVIDED 160° AND 60° SECTOR SCAN FORWARD-LOOKING AT FAST AND SLOW SPEEDS. CONSISTS OF A BASE ROTATING
 4/24/45 948A
 APR. 45A

AS-301/APS-30
 REFLECTOR, FEED AND NECESSARY PLUMBING AND JOINTS. MOUNTED ON BASE ARE AZIMUTH MOTOR, TILT MOTOR AND AZIMUTH TAKE-OFF ASSEMBLIES. INCLUDES PROVISIONS FOR LAB SYNCHRO. ALSO INCLUDES PRESSURIZING UNIT, MOTOR CONTROLS AND INTERCONNECTING WAVE GUIDE. SIZE APPROX: 18" DIA. X 22" HIGH. WT. 19.5 LBS.

AS-312(XN-1)/APA-48 AN-APA-48(XN-1)
 ANTENNA ASSEMBLY: CONFIDENTIAL
 COPPER, SILVER PLATED, SECTIONALIZED. 36" LONG X 5/16" DIA. TWO SECTIONS: ANTENNA. 36" X 1/4" DIA. AN IMPED. MATCH. TRANSFORMER 27" X 1 1/2" DIA. MOUNTS ON ANTENNA MOUNT AS-312(XN-1)/APA-48. CONSISTS OF A DIPOLE, SUPPORTING HEAD.
 5/18/45 9250g
 MAY 45

AS-312(XN-1)/APA-48
 IMPEDANCE MATCHING TRANSFORMER AND MOUNTING TUBE. OPERATES IN THE FREQUENCY RANGE OF 120 TO 135 MC. DESIGNED FOR MOUNTING ON F6F AIRCRAFT. PART OF HOUSING EQUIPMENT AN/APA-48. TWO ANTENNA ASSEMBLIES AS-312(XN-1)/APA-48 ARE FURNISHED PER EQUIPMENT.

COMPONENT INDICATOR "AT" ANTENNA
 SIMPLE: WIRE, WHIP OR TELESCOPIC, LOOP, DIPOLE, ETC.

AT-3/ARR-3 AN/ARR-3
 ANTENNA: AIRBORNE
 WHIP ANTENNA; AIRCRAFT ACCESSORIES CORP. ANTENNA NO. 800, OR EQUAL. USED WITH BUT NOT PART OF: ANTENNA COUPLING UNIT CU-1/ARR-3.

2/1/44 CKV:800
 FEB. 44

AT-3A/ARR-3 AN/ARR-3
 ANTENNA: RESTRICTED
 CONSISTS OF A WHIP AND HANDLE ASSEMBLY WHICH INCLUDES A RETRACTABLE WHIP ANTENNA 39" LONG. A HOUSING AND DISK ASSEMBLY FASTENED TO THE SKIN OF THE PLANE AND USED TO HOLD THE ANTENNA WHIP SECURELY IN PLACE AND INCLUDES A
 12/29/43 CKV:
 MAY 44

AT-3A/ARR-3
 RECEPTACLE NAVY TYPE CPH-49194 (ARMY TYPE SO-239) ALSO INCLUDES A PLUG AND HANDLE ASSEMBLY WHICH PLUGS UP THE ANTENNA HOUSING WHEN ANTENNA IS NOT IN USE. SAME AS AT-3/ARR-3 EXCEPT MODIFIED SO THAT IT CAN BE INSERTED AND RETRACTED AT HIGH SPEEDS.

AT-4/ARR-1 AN/ARR-1
 ANTENNA: RESTRICTED
 CONSISTS OF A DIPOLE APPROX. 1/2 WAVE LENGTH AND A MOUNTING BRACKET WHICH PLACES THE DIPOLE APPROX. 1/4 WAVE FROM THE BODY OF THE SHIP. NOMINAL INPUT IMPEDANCE IS 15 OHMS. PART OF RADIO SET AN/APN-1. (66083)
 1/28/43 CRV:255327-501 CRV:253607SUB 5
 OCT. 44 & 252401 SUB 3

*AT-5/ARR-1 AN/ARR-1 RR:48134-1
 ANTENNA: RESTRICTED
 STUB TYPE, 1/4 WAVE LENGTH 12 INCHES LONG; HAS UNIVERSAL MOUNTINGS WITH 90° RECEPTACLE FOR USE IN CONNECTION WITH CASSF-50-1 CABLE.

12/22/42
 MAR. 43

AT-8/AR CW:WE-233-A C-78(2/1/43)
 ANTENNA: NAS ANACOSTIA
 VHF BAND. CONSISTS OF A TAPERED ROD 21-7/8" LONG HAVING A RECEPTACLE FOR USE WITH NAVY TYPE -49195 PLUG & TYPE CASSF-50-1 CABLE. FOR USE WITH BUT NOT A PART OF "CW" TYPE WE-233-A RADIO TRANSMITTING & RECEIVING EQUIPMENT.
 4/15/43 CVE:
 MAY 43

AT-36/APT AIRBORNE
 ANTENNA STUB: CONFIDENTIAL
 A QUARTER-WAVE STUB ANTENNA CONSISTING OF A STREAMLINED PNEUMOLIC IMPREGNATED MAPLE BAST WHICH IS COVERED WITH A SUITABLE CONDUCTIVE MATERIAL. THE EXACT SHAPE IS OBTAINED BY CUTTING OFF THE TIP (SMALL END) OF THE ANTENNA AN-155-A SO
 9/30/43 CAGH:
 FEB. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|------------------------|--------------------|---|------------------------|--------------------|--|-----------------------|--------------------|--|
| AT-36/APT | | THAT THE ACTIVE LENGTH IS 16.5 INCHES LONG. IT PROVIDES SATISFACTORY OPERATION FROM 150 TO 220 MC. INCLUDES A MOUNTING FOR HOLDING MAST PERPENDICULAR TO THE SHIP. MOUNTING CONSISTS OF 4 FITTED BLOCKS, 2 SIDE PLATES, A PLATE FOR RIVETING TO SHIP AND GROMMET FOR WEATHER PROOFING. | AT-45/MPN-1A | | DIMENSIONS: 14' X 30" X 12". SIMILAR TO BUT NOT INTERCHANGEABLE WITH: ELEVATION REFLECTOR AT-21/MPN-1. USED WITH ELEVATION ANTENNA AS-76/MPN-1A | AT-53/AP | AIRBORNE | CONFIDENTIAL ANTENNA STUB: A QUARTER-WAVE STUB ANTENNA CONSISTING OF A DOG-EAR CONNECTOR STRIP THE WIDTH OF THE ANTENNA MAST, AND A STREAMLINED PHENOLIC IMPREGNATED MAPLE MAST COVERED WITH A SUITABLE CONDUCTIVE MATERIAL. EFFECTIVE LENGTH OF STUB IS 22.5" LONG. 2/15/44 FEB. 44 |
| AT-37/APT | AIRBORNE | ANTENNA STUB: RESTRICTED A QUARTER-WAVE STUB ANTENNA CONSISTING OF A STREAMLINED PHENOLIC IMPREGNATED MAPLE MAST WHICH IS COVERED WITH A SUITABLE CONDUCTIVE MATERIAL. THE EXACT SHAPE IS OBTAINED BY CUTTING OFF THE TIP (SMALL END) OF THE ANTENNA AN-155-A SO 9/30/43 CAGM: FEB. 44 | AT-46/HPN-1A AN/MPN-1A | | SEARCH REFLECTOR: RESTRICTED THIS UNIT IS OF ALUMINUM SHEET AND RIB CONSTRUCTION, FORMING A REFLECTOR WITH A PARABOLIC CYLINDER AS THE REFLECTING SURFACE. THIS REFLECTOR CONCENTRATES THE SEARCH BEAM INTO ITS DESIRED CHARACTERISTICS. USED WITH SEARCH ANTENNA 1/5/44 CRR: CRR:OAR 91803-1 MAR. 44 | AT-53/AP | | SAME AS ANTENNA STUB AT-37/APT EXCEPT DOES NOT INCLUDE MOUNTING PROVISIONS. |
| AT-37/APT | | THAT THE ACTIVE LENGTH IS 22.5 INCHES LONG. OPERATES FROM 113 TO 150 MC. INCLUDES A MOUNTING FOR HOLDING THE MAST PERPENDICULAR TO THE SHIP. THE MOUNTING CONSIST OF FOUR FITTED BLOCKS, TWO SIDE PLATES, A PLATE FOR RIVETING TO SHIP AND GROMMET FOR WEATHER PROOFING. | AT-46/HPN-1A | | AS-77/HPN-1A. DIMENSIONS: 48" X 104" X 30". SIMILAR TO BUT NOT INTERCHANGEABLE WITH: SEARCH REFLECTOR; AT-19/HPN-1. | AT-54/AP | AIRBORNE | CONFIDENTIAL ANTENNA STUB: A QUARTER-WAVE STUB ANTENNA CONSISTING OF A DOG-EAR CONNECTOR STRIP THE WIDTH OF THE ANTENNA MAST, AND A STREAMLINED PHENOLIC IMPREGNATED MAPLE MAST COVERED WITH A SUITABLE CONDUCTIVE MATERIAL. WORKING LENGTH OF STUB IS 29" LONG. SAME 2/15/44 FEB. 44 |
| AT-38/APT | AIRBORNE | ANTENNA STUB: RESTRICTED A QUARTER-WAVE STUB ANTENNA CONSISTING OF A STREAMLINED PHENOLIC IMPREGNATED MAPLE MAST WHICH IS COVERED WITH A SUITABLE CONDUCTIVE MATERIAL. THE EXACT SHAPE IS OBTAINED BY CUTTING OFF THE TIP (SMALL END) OF THE ANTENNA AN-155-A SO 12/30/43 CAGM: FEB. 44 | AT-43/UP | GENERAL USE | PICK-UP ANTENNA: CONFIDENTIAL USED TO PICK UP R F SIGNALS FROM "X" BAND RADAR USED AS AN ANTENNA FOR WAVE-METER AND MATTMETER CIRCUITS OF RADIO FREQUENCY TEST SET TS-13/AP. 1/27/44 CAKJ: CAKJ:B-313-A JAN. 44 MODEL 710 | AT-54/AP | | AS ANTENNA STUB AT-39/APT EXCEPT DOES NOT INCLUDE MOUNTING PROVISIONS. |
| AT-38/APT | | THAT THE ACTIVE LENGTH IS 29 INCHES LONG. OPERATES FROM 93 TO 113 MC. INCLUDES A MOUNTING FOR HOLDING THE MAST PERPENDICULAR TO THE SHIP. MOUNTING CONSIST OF FOUR FITTED BLOCKS, TWO SIDE PLATES, A PLATE FOR RIVETING TO THE SKIN OF THE SHIP AND A GROMMET FOR WEATHER PROOFING. | AT-50/U | AN/UPN-1A | ANTENNA: CONFIDENTIAL CONSISTS OF A DIPOLE FOR OPERATION AT A FREQUENCY OF 176 MC. TRANSMITS AN R-F SIGNAL TO A YJ RADAR BEACON OR SIMILAR EQUIPMENT AND RECEIVES THE RESPONSE SIGNAL. CONNECTS THROUGH A COAXIAL CABLE WITH CONSOLE RACK HT-189/UPN-1. 2/2/44 CIH: MAR. 45 | AT-61/AXT-5 | AN/AXT-5 | CONFIDENTIAL WIDE BAND QUARTER WAVE WIDE ANTENNA COVERING FREQUENCIES FROM 80 TO 120 MC. DESIGNED TO HOLD CONSTANT INPUT IMPEDANCE OF 50 OHM OVER A WIDE RANGE OF FREQUENCY CONSISTS OF 1/8 WAVE COAXIAL SECTION WITH AN 1/8 WAVE EXTENSION OF THE INNER 5/4/44 MAY 44 |
| AT-44/HPN-1A AN/MPN-1A | | AZIMUTH REFLECTOR: RESTRICTED A SKIN - STRESSED ALUMINUM STRUCTURE FORMING A CYLINDRICAL REFLECTOR HAVING A SEMI-PARABOLIC CROSS-SECTION. SUITABLE FOR SHOCK MOUNTING IN A HORIZONTAL POSITION. DIMENSIONS: 8 - 6" X 40" X 24". SIMILAR TO BUT NOT INTERCHANGEABLE WITH: 1/5/44 CRR: CRR:AR96245-1 MAR. 44 | AT-51/U | AN/UPN-1A | ANTENNA: CONFIDENTIAL CONSISTS OF A DIPOLE FOR OPERATION AT A FREQUENCY OF 515 MC. TRANSMITS AN R-F SIGNAL TO A YJ RADAR BEACON OR SIMILAR EQUIPMENT AND RECEIVES THE RESPONSE SIGNAL. CONNECTS THROUGH A COAXIAL CABLE WITH CONSOLE RACK HT-189/UPN-1. 2/2/44 CIH: MAR. 45 | AT-61/AXT-5 | | CONDUCTOR. |
| AT-44/MPN-1A | | AZIMUTH REFLECTOR AT-20/MPN-1. USED WITH AZIMUTH ANTENNA AS-75/HPN-1A. | AT-52/AP | AIRBORNE | ANTENNA STUB: CONFIDENTIAL A QUARTER WAVE STUB ANTENNA CONSISTING OF A DOG-EAR CONNECTOR STRIP THE WIDTH OF THE ANTENNA MAST, AND A STREAMLINED PHENOLIC IMPREGNATED MAPLE MAST WHICH IS COVERED WITH A SUITABLE CONDUCTIVE MATERIAL. EFFECTIVE LENGTH OF STUB IS 2/15/44 FEB. 44 | AT-62/APS-3 AN/APS-3 | | RESTRICTED ANTENNA REFLECTOR: MAGNESIUM. CODECANT SQUARED PATTERN REFLECTOR FOR USE WITH ANTENNA ASSEMBLY AS-12/APS-3 AND AS-12A/APS-3 APPROX. 18 1/2" MAX DIA. 5/24/44 CPR: CPR:358-3573 JULY 44 |
| AT-45/MPN-1A AN/MPN-1A | | ELEVATION REFLECTOR: RESTRICTED A SKIN - STRESSED ALUMINUM STRUCTURE FORMING A CYLINDRICAL REFLECTOR HAVING A SEMI-PARABOLIC CROSS-SECTION. SUITABLE FOR MOUNTING IN A VERTICAL POSITION ON SHOCKMOUNTS. IT CONSISTS OF TWO SECTIONS BOLTED TOGETHER TO FORM A 14 FOOT LENGTH. 1/5/44 CRR: CRR:AR96261-1 AND AR96263-1 MAR. 44 | AT-52/AP | | 16.5" LONG. SAME AS ANTENNA STUB AT-36/APT EXCEPT DOES NOT INCLUDE MOUNTING PROVISIONS. | AT-63/UPM-2 AN/UPM-2 | | RESTRICTED ANTENNA: CONSISTS OF A ROD 5 5/16" LONG WITH A CONNECTOR TO ATTACH TO WAVEMETER RE-CEPTACLE. WT. 1 1/2 OZ. 6/5/44 CANL: CANL:RA-74F-310 JUN. 44 |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|--|--------------------|--|
| COMPONENT INDICATOR "C" CONTROL BOX FOR: RADIO, INTERPHONE, ANTENNA, REMOTE ANTENNA TUNING, REEL, ETC. | | | C-12A/APS-4 AN/APS-4 CONTROL UNIT: INCLUDES POWER SWITCH (OFF WARM-UP, RUN), SCANNER TILT DIAL (-30° TO +10°), SEARCHBEACON SWITCH, RANGE SWITCH 4, 20, 50, 100, AND 180 (BEACON ONLY) NAUTICAL MILES, SEARCH-INTERCEPT SWITCH, RECEIVER GAIN CONTROL, TARGET ALARM, AND MANUAL 11/22/44 DEC. 44 | | CONFIDENTIAL | C-17A/APS-3 AN/APS-3A CONTROL UNIT: INCLUDES EIGHT CONTROL SWITCHES, TWO POTENTIOMETERS & A TILT METER. THE SWITCHES TURN ON THE EQUIP. SELECT RANGE, SELECT BEACON OR SEARCH, TURN ON H.V., OPERATE TILT MOTOR, START THE SPINNER CONTROL SIGNAL DEFINITION, & CARES FOR 7/4/44 CPR: JULY 44 | | RE-9075-A CONFIDENTIAL CPR:5LO-582 |
| *C-1/ARR-1 *AN/ARR-1 CONTROL BOX: INCLUDES ON-OFF SWITCH, LOCAL-DISTANCE SWITCH AND HDXING-COMMUNICATION SWITCH FOR *R-1/ARR-1 (-69076) RADIO RECEIVER. (-25214) 12/22/42 (CW)(CZR) CW:ESR-990127 MAY 43 (CZE) ISSUE 1 | | | C-12A/APS-4 CENTERING POTENTIOMETER FOR AFC SYSTEM, SUPPLIED WITH A 3 FT CABLE & CONNECTOR FOR ATTACHMENT TO A CABLE FROM JUNCTION BOX J-5/APS-4 OR J-84/APS-4 WHICH IS EQUIPPED WITH A RECEPTACLE. APPROXIMATE OVERALL DIMENSIONS 7 1/8" HIGH (INCLUDING CABLE FITTING) X 6" WIDE X 3" DEEP. WT. 3.1 LBS. MODIFICATION OF & WILL RE- PLACE C-12/APS-4. | | RESTRICTED | THE EXPANSIONS OF THE C-17A/APS-3 AZIMUTH SWEEP. ONE POT. IS USED FOR GAIN CONTROL OF RECEIVER, OTHER USED TO ADJUST THE FREQ. OF EITHER LOCAL OSCIL- LATOR 723 TUBES. THE TILT INDICATOR IS A 100V DC METER USED TO INDICATE THE VER- TICAL TILT OF THE ANTENNA DISH. SIMILAR TO C-17/APS-3 EXCEPT HAS IMPROVED CIR- CUITS & ADDITIONAL DEFINITION SWITCH & PROVISIONS FOR MOUNTING TS-116/APS-15. | | |
| *C-2/ARR-2 *AN/ARR-2 CONTROL UNIT: FOR REMOTE CONTROL OF AN *R-3/ARR-2X, *R-3A/ARR-2X, *R-4/ARR-2 OR *R-4A/ARR-2 RADIO RECEIVER. INCLUDES VOLUME CONTROL, OFF-NAV-VOICE SWITCH, 6 POSITION TUNING CONTROL, BEAT NOTE CONTROL, PHONE JACK & RECEPTACLES FOR A CABLE & A MECHANICAL LINKAGE. *AN" 1/25/43 CW:CZR CW:ESD-990775 MAR. 45 ESO-896501-1 | | | *C-15/APA-1 *AN/APA-1 RE-9035-A CONTROL UNIT: INCLUDES "FOCUS", "BRILLIANCE" AND "VERTICAL CENTERING" POTENTIOMETERS AND A RANGE SWITCH. THE UNIT IS DESIGNED TO PROVIDE GREATER INSTALLATION FLEXIBILITY THAN WOULD BE POSSIBLE IF THE CONTROLS WERE AN INTEGRAL PART OF THE REPEATER 4/23/43 CPP: CPR:SK-0764 SEPT 43 REV 0 | | RESTRICTED | C-20/APS-3 AN/APS-3 RE-9075-A AZIMUTH CALIBRATOR: CONSISTS OF A CALIBRATED POTENTIOMETER SIMILAR TO THE AZIMUTH POTENTIOMETER WHICH WORKS IN CONJUNCTION WITH THE TWO -6V6 TUBE AZIMUTH SWEEP AMPLIFIER IN THE RECEIVER & INDICATOR AMPLIFIER. ITS FUNCTION IS TO MOVE THE VERTICAL LUBBER 5/24/43 CPR: CPR:5LO-585 JUNE 43 | | |
| *C-2/ARR-2 NUMBER FOR NAVY TYPE -25315. | | | *C-15/APA-1 INDICATOR SINCE IT CAN BE ATTACHED DIRECTLY TO THE INDICATOR WHERE SPACE PERMITS OR BE LOCATED SEVERAL FEET AWAY. SAME AS NAVY TYPE CPR-23ACY EXCEPT IN- CLUDES A THREE WAY RANGE SWITCH FOR AN ADDITIONAL RANGE. WT 1#60Z. OVERALL DI- MENSIONS 2-1/2"x3"x7-7/8". | | RESTRICTED | C-20/APS-3 LINE ALONG THE HORIZONTAL AXIS OF THE CRT TUBES WHEN EXPANDED PRESENTATION IS USED. INPUT: APPROX 75 V DC. | | |
| C-5/APS-2 AN/APS-2 REMOTE TUNING CONTROL: CONSISTS OF A KNOB AND DIAL IN A SEPA- RATE HOUSING WHICH IS CONNECTED TO ONE END OF A FLEXIBLE DRIVE SHAFT, THE OTHER END OF WHICH IS CONNECTED TO THE CIRCUIT TO BE TUNED. AN NOMENCLATURE FOR NAVY TYPE -23ACS. 2/16/43 (C-23ACS) CPR:5LO-143 MAR. 43 | | | *C-15A/APA-1 *AN/APA-1 RE-9035-A CONTROL UNIT: INCLUDES "FOCUS", "BRILLIANCE" AND "VERTICAL CENTERING" POTENTIOMETERS AND A RANGE SWITCH. THE UNIT IS DESIGNED TO PROVIDE GREATER INSTALLATION FLEXIBILITY THAN WOULD BE POSSIBLE IF THE CONTROLS WERE AN INTEGRAL PART OF THE REPEATER 4/23/43 CPP: CPR:SK-0764 JULY 44 REV 0 | | RESTRICTED | C-21A/TRC-1 AN/TRC-4 CONTROL BOX: A CIRCUIT CONTROL BOX FOR TRANSFERRING THE INPUT AND OUTPUT CIRCUITS OF TWO RADIO SET AN/TRC-1 TO A SINGLE MICRO- PHONE AND HEADSET. DIFFERS FROM C-21/TRC-1 IN THAT IT IS PROCURED PER SPEC. 271-3010 INSTEAD OF SCL-795 AND 1/1/44 JUN. 44 | | |
| C-8/ASQ-3 AN/ASQ-3 CONTROL UNIT INCLUDES ON-OFF SWITCH & AMPLITUDE CONTROL 3/16/43 CW:D-163933 APR.43 | | | *C-15A/APA-1 INDICATOR SINCE IT CAN BE ATTACHED DIRECTLY TO THE INDICATOR WHERE SPACE PERMITS OR BE LOCATED SEVERAL FEET AWAY. SAME AS NAVY TYPE CPR-23ACY EXCEPT IN- CLUDES A THREE WAY RANGE SWITCH FOR AN ADDITIONAL RANGE. WT 1 LB. 6 OZ. OVERALL DIMENSIONS 2 1/2" X 3" X 7 7/8". SIMILAR TO *C-15/APA-1 EXCEPT HAS IMPROVEMENTS IN CIRCUIT DESIGN. | | RESTRICTED | C-21A/TRC-1 INCLUDES MINOR CHANGES. | | |
| C-12/APS-4 AN/APS-4 CONTROL UNIT: INCLUDES POWER SWITCH (WARM-UP, RUN, OFF), SCANNER TILT DIAL (-30° TO +10°), SEARCHBEACON SWITCH, RANGE SWITCH 4, 20, 50, 100 NAUTICAL MILES), SEARCH-INTER- CEPT SWITCH, RECEIVER GAIN CONTROL, TEST SWITCH, WARNING LIGHT, WARNING CIRCUIT 4/5/43 CW:D-151506 CW:BR-11866 JAN. 45 | | | C-17/APS-3 AN/APS-3 RE-9075-A CONTROL UNIT INCLUDES SEVEN CONTROL SWITCHES, TWO POTENTIOMETERS & A TILT METER. THE SWITCHES TURN ON THE EQUIPMENT. SELECT RANGE DESIRED, SELECT BEACON OR SEARCH OPERATION, TURN ON THE HIGH VOLTAGE POWER SUPPLY, OPERATE THE TILT MOTOR. 4/24/43 CPR: CPR:5LO-582 JULY 43 | | CONFIDENTIAL | C-24/ARC-5 AN/ARC-5 LOCAL CONTROL UNIT: INCLUDES MCW-OFF-CW SWITCH AND GAIN CON- TROL. MOUNTS ON FACE OF RECEIVERS OF RAT RAV, ARA AND AN/ARC-5 EQUIPMENTS EXCEPT R-23/ARC-5. "AN" DESIGNATION FOR NAVY TYPE -25154. 7/1/43 CBY:6434 JULY 43 | | |
| C-12/APS-4 CUT OFF SWITCH, & MANUAL CENTERING POTENTIOMETER FOR AFC SYSTEM, SUPPLIED WITH A 3 FT CABLE & CONNECTOR FOR ATTACHMENT TO A CABLE FROM JUNCTION BOX J-5/APS-4 WHICH IS EQUIPPED WITH A RE- CEPTACLE. APPROXIMATE OVERALL DIMENSIONS 7-1/8" HIGH (INCLUDING CABLE FITTING) X 6" WIDE X 3" DEEP. WT. 3.13 LBS. | | | C-17/APS-3 START THE SPINNER, TURN ON THE MAGNETRON FILAMENT, & CARE FOR THE EXPANSIONS OF THE AZIMUTH SWEEP. ONE POTENTIOMETER IS USED FOR GAIN CONTROL OF THE RECEIVER, THE OTHER IS USED TO ADJUST THE FREQUENCY OF EITHER LOCAL OSCILLATOR SHEPHERD TUBE). THE TILT INDICATOR IS A 100 V DC INSTRUMENT WHICH IS USED TO INDICATE THE VERTICAL TILT OF THE ANTENNA DISH. | | CONFIDENTIAL | C-25/ARC-5 AN/ARC-5 CONTROL UNIT: FOR REMOTE CONTROL OF ANTENNA-LOOP SWITCH OF RECEIVERS R-23/ARC-5 AND R-24/ARC-5. INCLUDES SWITCH HANDLE AND CONNECTION FOR MECHANICAL LINKAGE. 7/1/43 CBY: JULY 43 | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|--------------------|-------------------------------|--|--------------------|-------------------------------|
| C-26/ARC-5 AN/ARC-5 | | | C-30/ARC-5 | | | C-33/APS-15 | | |
| CONTROL UNIT (1 REC): FOR REMOTE CONTROL OF ONE RECEIVER, EITHER R-23/ARC-5 OR R-24/ARC-5. IN- CLUDES CW-MCW, VOLUME, AND TUNING CON- TROLS, AND RECEPTACLE FOR CONTROL CABLE. PROVIDES FOR READY ATTACHMENT OF TUNING DIAL ID-25/ARC-5 OR ID-26/ARC-5. FITS 7/1/43 CBY: JULY 43 | | | RECEIVER, T-23/ARC-5 AND R-28/ARC-5. HAS RECEPTACLES FOR CABLES TO MODULATOR MD-7/ARC-5 AND VHF TRANSMITTER & RE- CEIVER. FITS MOUNTING PLATE MT-80/ARC-5. | | | SWITCH FOR RANGE UNIT CP-5/APS-15. FITs MOUNTING BASE MT-123/APS-15. | | |
| C-26/ARC-5 | | | C-30A/ARC-5 AN/ARC-5 | | | C-33A/APS-15 AN/APS-15 | | |
| MOUNTING PLATE *MT-4/ARR-2. | | | TRANSMITTER CONTROL UNIT: RESTRICTED FOR REMOTE CONTROL OF 1-23/ARC-5 & UP TO THREE OTHER TRANSMITTERS OF AN/ARC-5. ONE FACE CONTAINS TRANSMITTER ON-OFF SWITCH, ROTARY VHF CHANNEL SELECTOR SWITCH LABELED A-B-C-D, ROTARY SELECTOR SWITCH LABELED 1-2-3-4 FOR ONE VHF & UP 3/17/44 CBY: MAR. 44 | | | CONTROL UNIT: CONFIDENTIAL A CONTROL UNIT AUXILIARY TO THE RECEIVER- INDICATOR R-16/APS-15. PROVIDES ALL CONTROLS FOR ANTENNA ASSEMBLY AS-18/APS SUCH AS SECTOR SCAN, AZIMUTH & TILT STABILIZATION, ETC; ALSO INCLUDES 21- POSITION SEARCH-BEACON SWEEP DELAY 12/9/43 CPR: DEC. 43 | | |
| C-27/ARC-5 AN/ARC-5 | | | C-30A/ARC-5 | | | C-33A/APS-15 | | |
| CONTROL UNIT (1 REC): FOR REMOTE CONTROL (LOCK TUNING) OF ANY ONE RECEIVER OF THE AN/ARC-5 EQUIPMENT EXCEPT R-23/ARC-5 AND R-24/ARC-5. IN- CLUDES HEADSET SWITCH, VOLUME CONTROL & RECEPTACLE FOR CONTROL CABLE. THE VOLUME CONTROL CONSISTS OF A DOUBLE POTENTIAL- 7/1/43 CBY: CBY:9850 MAR. 44 | | | TO THREE LF-MF-HF TRANSMITTERS. ON TOP SURFACE HAS A 3- POSITION ROTARY SWITCH FOR SELECTING CW- MCW OR VOICE TRANSMISSION. BOTTOM SURFACE HAS 2 RECEPTACLES: ONE 12 PPONG CONNECTS TO VHF TRANSMITTER-RECEIVER, ONE 18 PRONG CONNECTS TO MODULATOR MD-7/ARC-5. MECHANICALLY AND ELECTRICALLY INTER- CHANGEABLE WITH C-30/ARC-5. WT. 0.7 LB. FITs MT-80/ARC-5. | | | SWITCH FOR RANGE UNIT CP-5/APS-15 AND PROVISION FOR ECHO BOX SWITCHING. FITS MOUNTING BASE MT-123/APS-15. SIMILAR TO C-33/APS-15, EXCEPT FOR PROVISION FOR ECHO BOX SWITCHING. | | |
| C-27/ARC-5 | | | C-31/APS-2 AN/APS-2 RE-9072-A | | | *C-35/ARR-2A *AN/ARR-2A | | |
| METER WHICH MAY BE CONNECTED TO CONTROL RF GAIN OR AUDIO LEVEL. HAS A REVERSIBLE DESIGNATION PLATE TO INDICATE WHICH CIR- CUITS ARE CONNECTED. FITS MOUNTING PLATES (1 UNIT) MT-78/ARC-5 OR (2 UNITS) MT-79/ARC-5. | | | SERVO UNIT: SECTOR SCAN RESTRICTED SERVO UNIT: PERMITS POSITION CONTROL OF ANTENNA ASSEMBLY AS-5/APS-2 WHEN USED IN CONNECTION WITH CONTROL UNIT C-32/APS-2. CONSISTS OF A G.E. TYPE 2J1D1 SELSYN WHICH REQUIRES 12 V. 400 TO 2400 CY FOR EXCITATION, & A GEAR REDUC- 7/1/43 CQJ: OCT. 43 | | | CONTROL UNIT RESTRICTED CONTAINS OFF-NAV-VOICE SWITCH, SENSITIVI- TY CONTROL, PITCH CONTROL, 6 POSITION ROTARY CHANNEL SELECTOR SWITCH, HEADSET JACK & TWO CABLE RECEPTACLES. SAME AS *C-2/ARR-2 EXCEPT AS FOLLOWS: MECHANICAL LINKAGE OUTLET REPLACED BY CABLE RECEPT- 7/14/43 CW: SEPT. 44 | | |
| C-28/ARC-5 AN/ARC-5 | | | C-31/APS-2 | | | *C-36/ARR-2AX *AN/ARR-2AX | | |
| CONTROL UNIT: FOR REMOTE CONTROL OF CRYSTAL FREQUENCY GENERATOR 0-4/ARC-5. FITS MOUNTING (1 UNIT) MT-78/ARC-5. OR (2 UNITS) MT-79/ARC-5. | | | TION BOX TO PROVIDE THE SAME ROTATION FOR THE SELSYN AS THE ANTENNA ASSEMBLY. FOR USE WITH BUT NOT A PART OF CONTROL UNIT C-32/APS-2. | | | ELECTRIC TUNING CONTROL RESTRICTED TUNING DEVICE. BOLTS TO FACE OF RADIO RECEIVER *R-3/ARR-2X & R-3A/ARR-2X & CONNECTS MECHANICALLY TO MECHANICAL LINK- AGE OUTLET THEREON. CONTAINS 13 VOLT DC ELECTRIC MOTOR, GEARS, ETC., PROVIDES ELECTRICAL (IN LIEU OF MECHANICAL) 7/14/43 CW: MAR. 46 | | |
| 7/1/43 CBY:9596 MAR. 44 | | | C-29/ARC-5 AN/ARC-5 | | | *C-37/ARR-2A *AN/ARR-2A | | |
| C-29/ARC-5 AN/ARC-5 | | | TRANSMITTER CONTROL UNIT: FOR REMOTE CONTROL OF ONE TO FOUR TRANS- MITTERS OF THE AN/ARC-5 EQUIPMENT EXCEPT VHF TRANSMITTER T-23/ARC-5. INCLUDES POWER SWITCH EMISSION SWITCH, TRANSMITTER SELECTOR SWITCH AND A RECEPTACLE FOR CABLE TO MODULATOR MD-7/ARC-5. FITS 7/1/43 CBY: JAN. 44 | | | ELECTRIC TUNING CONTROL RESTRICTED TUNING DEVICE. BOLTS TO FACE OF RADIO RECEIVER *R-4/ARR-2 & *R-4A/ARR-2 CON- NECTS MECHANICALLY TO MECHANICAL LINKAGE OUTLET THEREON. CONTAINS 26 VOLT DC ELECTRIC MOTOR, GEARS, ETC., PROVIDES ELECTRICAL (IN LIEU OF MECHANICAL) 7/14/43 CW: MAR. 45 | | |
| C-29/ARC-5 | | | C-32/APS-2 AN/APS-2 RE-9072-A | | | *C-36/ARR-2AX | | |
| MOUNTING PLATE MT-80/ARC-5. NAVY TYPE 23369. | | | CONTROL UNIT: RESTRICTED SECTOR SCAN CONTROL UNIT; PROVIDES RE- MOTE AZIMUTH CONTROL FOR ANTENNA ASS- SEMBLY AS-5/APS-2 TO PERMIT SCANNING OVER A SECTOR RATHER THAN THE ENTIRE 360°. THE WIDTH OF THE SECTOR MAY BE ADJUSTED WITHIN THE RANGE OF 10° TO 7/1/43 CQJ: OCT 43 | | | SELECTION OF ANY ONE OF THE SIX PRESET CHANNELS. HAS OUTLET FOR CONTROL CABLE. SAME AS ELECTRIC TUNING CONTROL *C-37/ARR-2A EXCEPT FOR OPERATING VOLT- AGE. | | |
| C-30/ARC-5 AN/ARC-5 | | | C-32/APS-2 | | | C-37/ARR-2A *AN/ARR-2A | | |
| TRANSMITTER CONTROL UNIT: FOR REMOTE CONTROL OF T-23/ARC-5 AND UP TO TWO OTHER TRANSMITTERS OF THE AN/ARC-5 EQUIPMENT. INCLUDES EMISSION SWITCH AND SEVEN PUSH BUTTONS FOR CONTROL OF POWER AND SELECTION OF ANY TRANSMITTER AS WELL AS CHANNEL SELECTIONS OF TRANSMITTER AND 7/1/43 CBY: JULY 43 | | | 140° AND THE CENTER OF THE SECTOR MAY BE TRAINED TO ANY POSITION WITHIN THE 360° AZIMUTH. THE UNIT CONSISTS OF A TYPE -2050 THYRATRON TUBE PLUS RELAYS AND ASSOCIATED COMPONENTS WHICH CONTROL THE POLARITY OF THE POWER TO THE AZIMUTH DRIVE MOTOR. INPUT 115/1/400-2400. FOR USE WITH BUT NOT PART OF C-31/APS-2 SERVO UNIT. | | | ELECTRIC TUNING CONTROL RESTRICTED TUNING DEVICE. BOLTS TO FACE OF RADIO RECEIVER *R-4/ARR-2 & *R-4A/ARR-2 CON- NECTS MECHANICALLY TO MECHANICAL LINKAGE OUTLET THEREON. CONTAINS 26 VOLT DC ELECTRIC MOTOR, GEARS, ETC., PROVIDES ELECTRICAL (IN LIEU OF MECHANICAL) 7/14/43 CW: D-152341 CW: ESXX-990425 MAR. 45 | | |
| C-30/ARC-5 AN/ARC-5 | | | C-33/APS-15 AN/APS-15 CONFIDENTIAL | | | C-37/ARR-2A *AN/ARR-2A | | |
| TRANSMITTER CONTROL UNIT: FOR REMOTE CONTROL OF T-23/ARC-5 AND UP TO TWO OTHER TRANSMITTERS OF THE AN/ARC-5 EQUIPMENT. INCLUDES EMISSION SWITCH AND SEVEN PUSH BUTTONS FOR CONTROL OF POWER AND SELECTION OF ANY TRANSMITTER AS WELL AS CHANNEL SELECTIONS OF TRANSMITTER AND 7/1/43 CBY: JULY 43 | | | CONTROL UNIT: A CONTROL UNIT AUXILIARY TO THE RECEIVER- INDICATOR R-16/APS-15. PROVIDES ALL CONTROLS FOR ANTENNA ASSEMBLY AS-18/APS SUCH AS SECTOR SCAN, AZIMUTH & TILT STABILIZATION, ETC; ALSO INCLUDES 21- POSITION SEARCH-BEACON SWEEP DELAY 5/15/43 CPR: DEC. 43 | | | ELECTRIC TUNING CONTROL RESTRICTED TUNING DEVICE. BOLTS TO FACE OF RADIO RECEIVER *R-4/ARR-2 & *R-4A/ARR-2 CON- NECTS MECHANICALLY TO MECHANICAL LINKAGE OUTLET THEREON. CONTAINS 26 VOLT DC ELECTRIC MOTOR, GEARS, ETC., PROVIDES ELECTRICAL (IN LIEU OF MECHANICAL) 7/14/43 CW: D-152341 CW: ESXX-990425 MAR. 45 | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

***C-37/ARR-2A**
 SELECTION OF ANY ONE OF SIX PRESET CHANNELS. HAS OUTLET FOR CONTROL CABLE. SAME AS ELECTRIC TUNING CONTROL C-36/ARR-2AX EXCEPT FOR OPERATING VOLTAGE.

C-44/ARC-1 AN/ARC-1
 AUDIO OUTPUT BOX: INTENDED FOR USE IN PAIRS TO FURNISH INDIVIDUAL HEADPHONE CONTROL. CONTAINS AUDIO "ON-OFF" SWITCH & VOLUME CONTROL, & A HEADPHONE JACK. CONNECTS TO THE RADIO TRANSMITTER-RECEIVER RT-18/ARC-1 VIA THE JUNCTION BOX J-21/ARC-1. HOUSED 7/24/43 CW: 7/24/43 D-151594 AUG. 43

C-51/ARC-4 AN/ARC-4
 CONTROL UNIT: RESTRICTED CONTAINS A 4 POSITION CHANNEL SELECTOR SWITCH, PG-BOTH-PP SWITCH, VOLUME CONTROL, MIKE JACK; 2 HEADSET JACKS, AND RECEPTACLE FOR CABLE TO JUNCTION BOX J-23/ARC-4. FITS MOUNTING PLATE MT-80/ARC-5. DIMENSIONS: 4-1/8" X 2 3/4" 7/28/43 CW:39A AUG 43

C-38/ARC-5 AN/ARC/5
 MAIN CONTROL UNIT: USED TO RESTRICTED COORDINATE ARBY. AN/ARR-2, AN/ARC-1, AN/ARC-4 &/OR KL-7 EQUIP WITH AN/ARC-5 IN Y8 & YTB AIRCRAFT. CONTAINS: HEADSET VOLUME CONTROL; 4 HEADSET SWITCHES (2 MHF, 1 VHF, 1 NAV) FOR SWITCHING RECEIVERS IN & OUT; MIKE SWITCH (ICS-VHF-7/14/43 CBY: SEPT 43

C-44/ARC-1
 IN BOX 3" X 2-3/4" X 2". WEIGHT APPROXIMATELY 0.6 POUNDS.

C-51/ARC-4
 X 2 1/2", WEIGHING APPROX. 0.8 POUNDS.

MHF); A TUNING MECHANISM, C-38/ARC-5 A RF GAIN CONTROL, A PITCH CONTROL, & A MECHANICAL LINKAGE RECEPTACLE FOR *R-4/ARR-2; & A CABLE RECEPTACLE FOR CONNECTION TO JUNCTION BOX J-17/ARC-5. FITS MOUNTING PLATE MT-98/ARC-5.

C-45/ARC-1 AN/ARC-1
 CONTROL UNIT: RESTRICTED CONTAINS A 9 POINT FREQUENCY SELECTOR SWITCH; A CHANNEL SWITCH FOR SELECTING FIXED OR VARIABLE FREQUENCY CHANNELS, OR BOTH; AND AN "ON-OFF" SWITCH FOR THE ENTIRE EQUIPMENT. CONNECTS TO THE RADIO TRANSMITTER-RECEIVER RT-18/ARC-1 VIA THE 7/24/43 CW:D-151593 AUG. 43

C-52/ARC-4A AN/ARC-4A
 CONTROL UNIT: RESTRICTED PROVIDES POWER SWITCH, 4 POSITION CHANNEL SELECTOR SWITCH, "PG-BOTH-PP" SWITCH, RECEPTACLE FOR CABLE TO JUNCTION BOX J-17/ARC-5. DIMENSIONS: 4-1/8" X 2-3/4" X 2 1/2", WEIGHING APPROX. 0.8 LB FITS MOUNTING PLATE MT-80/ARC-5. 7/28/43 CW: JUN. 43

C-39/ARC-5 AN/ARC-5
 AUXILIARY CONTROL UNIT: USABLE WITH MANY AIRCRAFT EQUIPMENTS. CONTAINS ONE EACH OF THE FOLLOWING CONTROLS: LEVEL SETTER, FOR CONTROL OF HEADSET VOLUME; MIKE SWITCH (ICS-VHF-MHF), FOR SWITCHING MIKE TO VARIOUS CIRCUITS; MIKE JACK; HEADSET JACK; CABLE 7/14/43 CBY: OCT. 44

C-45/ARC-1
 JUNCTION BOX J-21/ARC-1. HOUSED IN BOX 4-1/8" X 2-3/4" X 2", WEIGHT APPROXIMATELY 8 POUNDS.

C-53/APX-1 AN/APX-1
 AUXILIARY CONTROL UNIT: CONFIDENTIAL PROVIDES REMOTE CONTROL OF "G" BAND FUNCTION OF ASSOCIATED EQUIPMENT. CONTAINS 3 POSITION SWITCH, "ON-OFF", MOMENTARY CONTACT, & 2 POSITION FUNCTIONAL SELECTOR SWITCH. ALSO CONTAINS JACK FOR KEYING "G" BAND SIGNAL. 8/14/43 CHZA-9006 SEPT 43 CCT:Z2R:

C-39/ARC-5
 RECEPTACLE, FOR CONNECTION TO GUN SWITCH; CABLE RECEPTACLE, FOR CONNECTION JUNCTION BOX J-17/ARC-5; TERMINALS, FOR CONNECTION TO MASK MIKE. FITS MOUNTING PLATE MT-80/ARC-5. INPUT: 28V DC.

C-46/APS-6 AN/APS-6 CONFIDENTIAL
 CONTROL UNIT: CONTAINS: ONE COMBINATION MASTER "ON-OFF" AND RANGE SELECTOR SWITCH, A TRANSMITTER SWITCH FOR HIGH VOLTAGE SUPPLY, ONE CONTROL FOR AFC SWITCH AND MANUAL TUNING, AND ONE GAIN CONTROL. ALSO INCLUDES A RADAR-BEACON SWITCH. 7/24/43 CAY: JAN. 45

C-54/APX-1 AN/APX-1
 CONTROL UNIT: RESTRICTED INCLUDES "ON-OFF" SWITCH, EMERGENCY SWITCH (FOR TRANSMISSION OF EMERGENCY SIGNAL), PHONE JACK FOR MONITORING, & 3 RECEPTACLES (FOR CABLES TO POWER SUPPLY, PILOT'S CONTROLS, & ASSOCIATED RECEIVER-TRANSMITTER). MOUNTED ON SECURING PLATE 8/14/43 CHZ:A-9002 SEPT 43

C-42/ARC-5 AN/ARC-5 SIGNAL CORPS
 CONTROL UNIT: 271-1176 FOR REMOTE CONTROL OF RECEIVER R-28/ARC-5 OR BC-942-A, CONTAINS HEADSET SWITCH, MVC-OFF-AVC SWITCH, VOLUME CONTROL, CABLE RECEPTACLE, AND TWO HEADSET JACKS. FITS MOUNTING PLATE *MT-4/ARR-2. "AN" DESIC. FOR CONTROL BOX BC-1183-A 7/19/43 CW: AUG 43

C-47/APS-6 AN/APS-6
 AUXILIARY CONTROL UNIT: CONFIDENTIAL CONTAINS A PATTERN CHANGE SWITCH (SEARCH TO GUN AIMING) AND, A SEA RETURN SUPPRESSOR CONTROL. 7/24/43 CAY: AUG. 43

MT-109/APX-1 ALONG SIDE OF **C-54/APX-1** SELECTOR UNIT C-55/APX-1. THE TWO UNITS ARE REFERRED TO AS THE CONTROL & SELECTOR UNIT ASSEMBLY WHICH PROVIDES REMOTE CONTROL OF THE SET. THE COMPONENTS (AS WELL AS THE UNIT AS A WHOLE) ARE INTERCHANGEABLE WITH CORRESPONDING COMPONENTS OF NAVY TYPE -25A8G CONTROL UNIT.

C-43/ARC-5 AN/ARC-5 SIGNAL CORPS
 CONTROL UNIT: 271-1176 FOR REMOTE CONTROL OF THREE RECEIVERS OF THE AN/ARC-5 EQUIPMENT (ONE R-28/ARC-5 OR BC-942-A AND TWO R-20/ARC-5 TO R-24/ARC-5, BC-453-A, BC-454-A, BC-455-A BC-942-A, BC-946-A, -46104, -46105, -46106, -46129, OR -46145. CONTAINS 7/19/43 CW: AUG. 43

C-48/ARC-5 AN/ARC-5
 AUXILIARY CONTROL UNIT USABLE WITH MANY AIRCRAFT EQUIPMENTS. CONTAINS ONE EACH OF THE FOLLOWING CONTROLS: LEVEL SETTER, FOR CONTROL OF HEADSET VOLUME; MICROPHONE SWITCH (ICS-VHF-MHF), FOR SWITCHING MICROPHONE TO VARIOUS CIRCUITS; MICROPHONE JACK; 7/27/43 CW: OCT. 44

C-55/APX-1 AN/APX-1
 SELECTOR UNIT: RESTRICTED INCLUDES A 6 POSITION ROTARY SWITCH BY WHICH THE OPERATOR MAY CHOOSE ANY ONE OF 6 CODE COMBINATIONS. A 5 CONTACT RECEPTACLE IS ALSO PROVIDED FOR CABLE TO ASSOCIATED RECEIVER-TRANSMITTER. MOUNTED ON SECURING PLATE MT-109/APX-1 ALONG 8/14/43 CHZ:A-9001 SEPT 43

C-43/ARC-5
 THREE SETS OF CONTROLS, ONE SET IDENTICAL TO C-42/ARC-5 OR BC-1183-A, AND TWO SETS IDENTICAL TO -23261 OR BC-473A, FITS MOUNTING PLATE MT-98/ARC-5. "AN" DESIGNATION FOR RADIO CONTROL UNIT BC-944-A.

C-48/ARC-5
 MASK MICROPHONE-HAND MICROPHONE SWITCH; HEADSET JACK; CABLE RECEPTACLE, FOR CONNECTION TO JUNCTION BOX J-17/ARC-5; TERMINALS, FOR CONNECTION TO MASK MICROPHONE, FITS MOUNTING PLATE MT-80/ARC-5. INPUT 28V DC.

C-55/APX-1 SIDE OF CONTROL UNIT **C-55/APX-1** C-54/APX-1. THE TWO UNITS ARE REFERRED TO AS THE CONTROL & SELECTOR UNIT ASSEMBLY WHICH PROVIDE REMOTE CONTROL OF THE SET. THE COMPONENTS (AS WELL AS THE UNIT AS A WHOLE) ARE INTERCHANGEABLE WITH CORRESPONDING COMPONENTS OF NAVY TYPE -25A8H SELECTOR UNIT.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-21

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

C-70B/A1A-2 AN/A1A-2 BUAE 9138
 STATION CONTROL UNIT: RESTRICTED
 METAL CONTROL BOX, SIZE WITH PLUGS
 4 7/8" X 9 5/16" X 3 3/8". CONTAINS
 RECEPTACLES FOR CONNECTION TO JUNCTION
 BOX AND ANOTHER STATION CONTROL BOX. HAS
 A STEP TYPE VOLUME CONTROL FOR ICS AND A
 CONTINUOUSLY VARIABLE RADIO LEVEL CON-
 8/30/44 CZL:
 SEPT. 44 CTE:

C-70B/A1A-2
 TROL. ALSO HAS MICROPHONE AND HEADPHONE
 JACKS. RELAY SWITCHES VOLUME CONTROL.
 PART OF AN/A1A-2A.

REQUIRES 26V DC. AT 1/4
 AMP. FOR RELAY. SIMILAR TO C-70A/A1A-2A
 EXCEPT FOR VOLUME CONTROL AND IMPROVE-
 MENTS.

C-73/APS-2F AN/APS-2F
 CONTROL UNIT: CONFIDENTIAL
 CONTAINS SWITCHING PROVISIONS FOR SECTOR
 SCAN ASSEMBLY AN/APA-12 OR AN/APA-13.
 PHANTOM TARGET. PZ:MUTH
 STABILIZATION ASSEMBLY AN/APA-14 AND
 ILLI-STABILIZATION ASSEMBLY AN/APA-15.
 ALSO CONTAINS AFC POTENTIOMETER, AFC
 10/14/43 CPR:
 NOV. 43

C-73/APS-2F
 MANUAL SWITCH AND ZERO SET MAGNESYN UNIT
 FOR AZIMUTH STABILIZATION ASSEMBLY
 AN/APA-14

C-74/APS-T1 AN/APS-T1
 TILT CONTROL:
 INCLUDES RELAYS & MOTOR WITH GANGED PO-
 TENTIOMETER WHICH AFFECT THE OPERATION
 OF ASSOCIATED GATES IN MODULATOR
 MD-14/APS-T1. MOUNTS IN CONSOLE CABINET
 CT-59/APS-T1.
 10/23/43 CEX:
 JULY 44

C-75/APS-T1 AN/APS-T1
 CONTROL UNIT: CONFIDENTIAL
 INCLUDES MAIN CONTROLS FOR OPERATION OF
 EQUIPMENT AND CONTROLS FOR INTRODUCING
 WIND DRIFT, COMPASS COURSE & AIR SPEED
 INTO OPERATION OF MAP CARRIAGE
 MX-46/APS-T1.
 10/23/43 CLP:
 OCT. 43

C-85/APT-3 AN/APT-3
 CONTROL UNIT: RESTRICTED
 CONTROL UNIT CONSISTS OF ON-OFF POWER
 SWITCH, MODULATION INDICATING LAMP AND
 AMPHENOL PLUG 97-5105-20-4P FOR CONNECT-
 ING DIRECTLY TO PANEL OF RADAR TRANS-
 MITTER T-27/APT-3. APPROX. SIZE 1 1/2" X
 2 1/2" X 4" OVERALL. PART OF RADAR SET
 11/23/43 CGM:
 NOV. 43

C-85/APT-3
 AN/APT-3 AND AN/SPT-3. USED BY NAVY ONLY

C-87/ART-13 AN/ART-13
 CONTROL UNIT: RESTRICTED
 PILOTS CONTROL UNIT CONSISTING OF:
 CHANNEL SELECTOR SWITCH, EMISSION SE-
 LECTOR SWITCH (CW, MCM, VOICE, OR OFF),
 MICROPHONE JACK, TELEGRAPH KEY, PLUG FOR
 CABLE TO TRANSMITTER T-47/ART-13 AND
 INDICATOR LAMP. SIZE 3 3/8" X 3 11/16" X
 12/7/43 COL:314N-1 COL:K1133C
 SEPT. 44

C-87/ART-13
 6 1/4". WEIGHT 1.4 LBS.

C-88/ART-13 AN/ART-13
 POWER CONTROL UNIT: RESTRICTED
 CONTAINS STARTING RELAY AND A BAROMETRIC
 SWITCH WHICH AUTOMATICALLY REDUCES THE
 OUTPUT FROM 1150 V TO 750 V WHEN ALTITUDE
 IS REACHED WHERE PRESSURE IS LESS THAN
 10.72" MERCURY. CONSISTS OF BOX TO PRO-
 VIDE MOUNTING FOR DYNAMOTOR DY-11/ART-13
 12/7/43 COL: COL:K352E
 JAN. 44

C-88/ART-13
 (OR DY-12/ART-13) WITH THE FOLLOWING EX-
 TERNAL PROVISIONS: 1 AMP (250 V) FUSE,
 DYNAMOTOR INPUT RECEPTACLE, AND DYNAMOTOR
 OUTPUT RECEPTACLE. DIMENSIONS: 3 1/4" X
 6 7/8" X 11 7/8" WEIGHING 8.5 LBS.
 NAVY MODEL 23333 OF NAVY MODEL ATC.

CANCELLED

C-89/APA-5 AN/APA-5
 CONTROL BOX: CONFIDENTIAL
 CONTAINS AUTOMATIC COMPUTER CIRCUITS TO
 SET IN SLANT-RELEASE RANGE, ON-OFF
 SWITCH, CONSTANT-SPEED MOTOR WHICH
 DRIVES RATE POTENTIOMETER & 2 PHASE 60
 CYCLE ALTERNATOR TO SUPPLY VOLTAGE TO
 AUTOMATIC COMPUTER, AND ALL OTHER CON-
 12/21/43 CFN:300791-1
 MAR. 45A

C-89/APA-5
 TROLS NOT OPERATED DURING BOMBING RUN
 EXCEPT THOSE ON INDICATOR. CONTAINS
 1-6AG7, 3-6AG5 AND 5-6SL7GT VACUUM TUBES.
 SIZE IS APPROX. 20 3/8" X 12 3/8" X
 8 3/8" AND WEIGHT IS APPROX. 38 LBS.
 PART OF INDICATOR EQUIPMENT AN/APA-5.

C-90/APA-5 AN/APA-5 RESTRICTED
 ANTENNA CONTROL BOX:
 CONTAINS SELECTOR SWITCH TO CONTROL
 ROTARY OR SECTOR SCAN OF ANTENNA. TO BE
 PLACED ADJACENT TO RADAR OPERATOR IN
 PLANE. SIZE APPROX. 3 5/8" X 2 5/8" X
 2 1/2" AND WT. IS APPROX. 1/4 POUND.
 12/21/43 CFN:ML-300800-1
 MAR. 45

C-91/A1A-2 AN/A1A-2 NOB3-2340
 CONTROL BOX: RESTRICTED
 CONTAINS TWO CONTROLS FOR SENSITIVITY
 CONTROL FOR TWO RANGE RECEIVERS AND TWO
 ON-OFF SWITCHES FOR TWO MARKER BEACON
 RECEIVERS OF RADIO RECEIVING EQUIPMENT
 AN/ARN-8 TYPE. DESIGNED TO MOUNT ON
 THROTTLE QUADRANT OF PB AIRCRAFT. PART
 12/18/43 CZL:
 DEC. 43

C-91/A1A-2
 OF INTERPHONE RADIO CONTROL ASSEMBLY
 AN/A1A-2.

C-92/APA-5 AN/APA-5 CONFIDENTIAL
 RANGE TRACKING UNIT:
 CONTAINS TRACKING CONTROL, POSITION CON-
 TROL AND ALL OTHER CONTROLS MANIPULATED
 BY BOMBARDIER DURING THE BOMBING RUN. THE
 SIZE IS APPROX. 6 5/8" X 5 1/4" X 4 1/4"
 AND THE WT. APPROX. 2 3/4 LBS. PART OF
 INDICATOR EQUIPMENT AN/APA-5.
 12/28/43 CFN:ML-300790-1
 JAN. 45

C-94/MPN-1A AN/MPN-1A
 CONTROL UNIT: RESTRICTED
 FRONT PANEL AND ANGLE FRAME CONSTRUCTION.
 CONTAINS THE NECESSARY METERING CIRCUITS
 FOR THE TRANSMITTER TUBES, CHANNEL A & B
 SWITCHING CONTROL, INTERLOCK AND OVER-
 LOAD RELAYS, AND START-STOP SWITCHES FOR
 THE RADIO SET. DIMENSIONS 19" X 8 3/4" X
 1 5/4" CRR: CRR: AR96223-1
 MAR. 44

C-94/MPN-1A
 20 1/2". POWER INPUT: 117 V. AC, 50/60--
 SIMILAR TO BUT NOT INTERCHANGEABLE WITH
 CONTROL BOX C-61/MPN-1.

C-95/MPN-1A AN/MPN-1A
 OBSERVER'S CONTROL BOX:
 BOX CONSTRUCTION. CONTAINS THE NECESSARY
 CIRCUITS TO SUPPLY AUDIO AND MICROPHONE
 OUTLETS TO THE WINDOW OBSERVER IN PARL-
 LEL WITH THE CONTROLLER'S CIRCUIT.
 ARRANGED SO THAT THE OBSERVER CAN EXER-
 CISE PRIORITY OVER THE CONTROLLER IN THE
 1/5/44 CRR:
 MAR. 44

C-95/MPN-1A
 OPERATION OF THE COMMUNICATION TRANS-
 MITTER. ALSO CONTAINS SWITCH FOR CON-
 NECTION TO INTERPHONE COMMUNICATION
 SYSTEM. DIMENSIONS: 3" X 6" X 6". POWER
 OUTPUT: 12 V DC.

C-101/ARD-3 AN/ARD-3 RE 13A860A
 CONTROL BOX: RESTRICTED
 INCLUDES SWITCHES AND FUSES FOR CONTROL-
 LING POWER SUPPLY TO RECEIVER R-67/ARD-3
 AND ANTENNA POSITION INDICATING ASSEMBLY
 ID-61/APA-24 ALSO INCLUDES PROVISIONS
 FOR MOUNTING TRANSFORMER WHICH IS A PART
 OF ID-61/APA-24.
 2/7/44 CAKS:
 FEB. 44

***C-102/ARR-2 AN/ARR-2**
 CONTROL BOX:
 CONTAINS TWO POSITION SWITCH MARKED
 "PILOT" AND "OBSERVER" FOR TRANSFER OF
 CONTROL OF *R-3/ARR-2 ANS *C-36/ARR-2X
 OR *C-37/ARR-2A FROM PILOT TO OBSERVER
 AND VICE VERSA. INCLUDES 8-CONTACT RE-
 CEPTACLE A.R.C. NO. 6418 FOR CONNECTION
 2/8/44
 FEB. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|---|-----------------------|--------------------|---|
| | | C-102/ARR-2 | | | C-116/ARR-2A | | | C-121/AP |
| | | TO R-3/ARR-2X OR R-4/ARR-2. 8-CONTACT RECEPTACLE FOR CONNECTION TO C-36/ARR-2X OR C-37/ARR-2A ON THE LOWER SIDE; ON LEFT SIDE HAS TWO 8-CONTACT RECEPTACLES FOR CONNECTION TO PILOTS CONTROL BOX AND ON RIGHT SIDE TWO 8-CONTACT RECEPTACLES FOR CONNECTING OBSERVERS CONTROL BOX. SIZE 3 3/8" X 5 15/32" X 3". WT. APPROX. 1.25 LBS. FITS MTG. PLATE *MT-4/ARR-2. | | | 2 1/4" X 6" DESIGNED FOR MOUNTING ON CONTROL PANEL OF AIRCRAFT. FURNISHED WITH ONE PLUG AN-3106-20-27S POSITION 8. AND ONE CABLE CLAMP AN-3057-12. ELECTRICALLY EQUIVALENT TO CONTROL UNIT C-35/ARR-2A EXCEPT FOR OMISSION OF HEADSET JACK. DIMENSIONS 6" X 2 1/4" X 6 1/2". WEIGHT 0.9 POUNDS. | | | AM-3102-14S-1P. WT. 1 LB. 1 OZ. SIZE 5" X 2 2/16" X 4 7/8". |
| | | C-106/APA-16 AN/APA-16 | | | C-119/APX AN/APX-1 | | | C-122/APS-4 AN/APS-4 |
| | | CONTROL UNIT: CONFIDENTIAL CONTAINS AN ELECTRICAL COMPUTER FOR AUTOMATICALLY DETERMINING BOMB RELEASE POINTS AND THE NECESSARY CALIBRATING AND ADJUSTMENT CONTROLS. POWER OBTAINED FROM RANGE MARKER UNIT SM-12/APA-16. INCLUDES AN OUTLET PLUG FOR SUPPLYING 115V AC. 2/21/44 CW: X66172d CW: dxx-411930 MAY 44 | | | CONTROL UNIT: RESTRICTED CONTROL UNIT FOR USE ON INSTRUMENT BOARD CONSISTS OF TOGGLE SWITCH ("G" BAND) 8 POS. ROTARY SWITCH (CODE SELECTOR) PUSH BUTTON SWITCH (AUDIO TEST), TOGGLE SWITCH (DESTRUCTOR), PHONE JACK AND A RECEPTACLE AN-3102-22-30P. WITH 3/27/44 BU AER E-307 APR. 45 | | | CONTROL UNIT: CONFIDENTIAL INCLUDES POWER SWITCH (OFF. HOLD 1 MIN., RUN) SCANNER TILT DIAL (-30° TO +10°), RADAR BEACON SWITCH, RANGE SWITCH, (4,20,50,100 & 180 NAUT. MILES (BEACON ONLY), SEARCH INTERCEPT SWITCH, RECEIVER GAIN CONTROL, TARGET ALARM, MANUAL CEN-3/24/44 BUR. AERO SPEC. JAN. 45 NAVAER-EP-133 |
| | | C-106/APA-16 | | | C-119/APX | | | |
| | | 400 TO 1800- TO A TS-102/AP CALIBRATOR. WT. APPROX. 11 1/2 LB. MOUNTS ON MOUNTING BASE MT-209/APA-16. SIMILAR TO CONTROL UNIT C-6/APQ-5 EXCEPT INCLUDES CALIBRATING CONTROLS. | | | AN-3106-22-30S PLUG. MOUNTED ON STANDARD 2 UNIT CONSOL PANEL. SIZE: 2 1/4" X 6". | | | TERING POTENTIOMETER FOR C-122/APS-4 AFC SYSTEM. SUPPLIED WITH AN-3102-28-16P RECEPTACLE AND AN-3106-28-16S PLUG FOR ATTACHMENT TO A CABLE FROM JUNCTION BOX J-5/APS-4 OR J-84/APS-4. SWITCHES, PARTS AND CONTROL WILL BE MOUNTED ON A 5 UNIT PANEL (6" X 5 5/8"). SIMILAR TO C-12A/APS-4 EXCEPT FOR MOUNTING ON STD. AIRCRAFT CONSOLE CONTROL PANEL. |
| | | C-114/APX AN/APX-2 BU AER-980-SK | | | C-119A/APX-1 AN/APX-1B | | | C-125/ARC-5 AN/ARC-5 NAV AER EP-133 |
| | | PILOT CONTROL UNIT: CONFIDENTIAL CONTAINS 5 POSITION MASTER SWITCH WHICH CONTROLS 26V DC AND 115V AC POWER TO EQUIPMENT. ALSO SELECTS VARIOUS OPERATIONAL FUNCTIONS, 3 POSITION "G" BAND CONTROL SWITCH, 3 POSITION INTERROGATOR CONTROL SWITCH, GAIN CONTROL, & 3/8/44 CHZ: CHZ: A-3091 JULY 44 | | | CONTROL UNIT: RESTRICTED CONTROL UNIT FOR USE ON INSTRUMENT CONSOLE BOARD. CONSISTS OF: TOGGLE SWITCH FOR "G" BAND AND TN-103/APX; EIGHT POSITION ROTARY SWITCH FOR CODE SELECTOR, DESTRUCTOR SWITCH, PHONE JACK, AND A RECEPTACLE AN-3102-22-30P WITH AN-3106-22-4/23/45 CHZ: APR. 45A 918 | | | CONTROL PANEL: RESTRICTED THIS UNIT CONSISTS OF A STANDARD 2 UNIT CONSOLE PANEL 2 1/4" X 6" ON WHICH IS MOUNTED ONE 4 POSITION SELECTION SWITCH FOR VHF TRANSMITTER AND RECEIVER CHANNEL (A,B,C,D POSITION). INCLUDES A 14 PIN TYPE AN-3106-20-27S PLUG. 4/1/44 APR. 44 |
| | | C-114/APX | | | C-119A/APX-1 | | | C-124/ART-13 AN/ART-13 RESTRICTED |
| | | DESTRUCTOR SWITCH. SAME AS C-57/APX-2 EXCEPT ADAPTED FOR MOUNTING ON CONTROL PANEL OF AIRCRAFT. PER BU AER SPEC. EP-153. SIZE 4 1/2" X 6" X 3". | | | 30S PLUG. MOUNTED ON STANDARD TWO UNIT CONSOLE PANEL: 2 1/4" X 6". PART OF AN/APX-28. SIMILAR TO C-119/APX-1 EXCEPT THAT "G" BAND TOGGLE SWITCH IS MODIFIED TO ALSO GIVE CONTROL OF TUNING UNIT TN-103/APX. | | | CONTROL PANEL. NAVAER: EP-153 THIS UNIT CONSISTS OF STD. 2 UNIT CONSOLE PANEL ON WHICH IS MOUNTED 11 POSITION SWITCH FOR SELECTING ANY ONE OF 11 CHANNELS OF XMR AND 1 ON-OFF INDICATOR LIGHT. DIMENSIONS 2 1/4" X 6". 3/30/44 APR. 44 |
| | | C-115/ARC-1 AN/ARC-1 | | | C-120/GPS-T1 AN/GPS-T1 RESTRICTED | | | C-125/ARC-5 AN/ARC-5 RESTRICTED |
| | | CONTROL UNIT: RESTRICTED FOR CONTROLLING TRANSMITTER-RECEIVER RT-18/ARC-1. HAS 9-POSITION ROTARY FREQUENCY SELECTOR SWITCH, 3-POSITION ROTARY SWITCH FOR SELECTING MAIN OR GUARD CHANNELS OR FOR MONITORING BOTH, AND INCLUDES AN-3102-20-1P RECEPTACLE 3/14/44 CW: APR. 44 | | | CONTROL PANEL: MOUNTS THE CONTROLS FOR WIND VELOCITY, WIND DIRECTION AIRCRAFT COURSE, SPEED, WEIGHT-RANGE, IFF AND FADE. ALSO HAS A BEARING INDICATOR. SIZE APPROX. 6" X 28" ALSO INCLUDES SWITCHES FOR 110 V. SUPPLY TO OSCILLATOR O-21/GPS-T1 AND TO 3/27/44 JULY 44 | | | CONTROL PANEL THIS UNIT CONSIST AT A STD 3 UNIT CONSOLE PANEL 3 3/8" X 6" ON WHICH MOUNTS A CRANK TYPE GEAR TUNING CONTROL FOR AN/ARC-5 RECEIVER UNIT AND CONNECTING LINKAGE. A VARIABLE RECEIVER SENSITIVITY CONTROL. 3/30/44 CBY: NAVAER: EP-153 APR. 44 |
| | | C-115/ARC-1 | | | C-120/GPS-T1 | | | C-125/ARC-5 |
| | | FOR CONNECTION TO TRANSMITTER-RECEIVER RT-18/ARC-1. ALL MOUNTED ON A PANEL 2 1/4" X 6" AND DESIGNED TO MOUNT IN CONTROL PANEL OF AIRCRAFT. ELECTRICALLY EQUIVALENT TO C-45/ARC-1 EXCEPT FOR OMISSION OF ON-OFF POWER SWITCH. DIMENSIONS 6" X 2 1/4" X 6 9/32". WEIGHT 1 POUND. | | | RECTIFIER POWER UNIT PP-83/GPS-T1. ALSO INCLUDES SERVICE ADJUSTMENTS FOR SIMULATOR UNIT MX-169/GPS-T1. | | | AND A 8 PIN ARC TYPE #6418 RECEPTACLE. PART OF AN/ARC-5 SIMILAR TO C-26/ARC-5. |
| | | C-116/ARR-2A AN/ARR-2A | | | C-121/AP AN/APA-22 | | | C-126/ARC GEN. USE NAVAER: EP-133 |
| | | CONTROL UNIT: RESTRICTED FOR CONTROLLING AN/ARR-2A OR AN/ARR-2AX EQUIPMENT. HAS SENSITIVITY CONTROL, COMBINED VOICE-WAY AND PITCH (BFO) CONTROL. 6-POSITION CHANNEL SELECTOR SWITCH AND AN/3102-20-27P. POS 8 RECEPTACLE ALL MOUNTED ON A PANEL 3/14/44 CW: D-152442 CW: ESO-990783 NOV. 44 | | | CONTROL BOX: RESTRICTED CONTROL BOX CONTAINING 1 RED (MINIMUM) AND 1 GREEN LIGHT (SEARCH) TO INDICATE EXTENT OF ATTENUATION, PUSH BUTTON FOR SETTING THE EQUIPMENT IN MOTION AND ON-OFF SWITCH. ALSO INCLUDES 2 "AM" RECEPTACLE AN-3106-14S-6S AND 3/24/44 CAXX: CAXX: 18-589 MAR. 44 | | | CONTROL PANEL. COMPOSITE TRANSMITTER SELECTOR AND RECEIVER MIXING PANEL: UNIT CONSISTS OF A STANDARD 3 UNIT CONSOLE PANEL ON WHICH IS MOUNTED A 3 POSITION SWITCH (2 FOR TRANSMITTER SELECTION, 1 FOR INTERCOM. SYSTEM) 2 LIMITED RANGE H.F. SENSITIVITY 3/30/44 APR. 44 |
| | | C-116/ARR-2A AN/ARR-2A | | | C-121/AP AN/APA-22 | | | C-126/ARC GEN. USE NAVAER: EP-133 |
| | | CONTROL UNIT: RESTRICTED FOR CONTROLLING AN/ARR-2A OR AN/ARR-2AX EQUIPMENT. HAS SENSITIVITY CONTROL, COMBINED VOICE-WAY AND PITCH (BFO) CONTROL. 6-POSITION CHANNEL SELECTOR SWITCH AND AN/3102-20-27P. POS 8 RECEPTACLE ALL MOUNTED ON A PANEL 3/14/44 CW: D-152442 CW: ESO-990783 NOV. 44 | | | CONTROL BOX: RESTRICTED CONTROL BOX CONTAINING 1 RED (MINIMUM) AND 1 GREEN LIGHT (SEARCH) TO INDICATE EXTENT OF ATTENUATION, PUSH BUTTON FOR SETTING THE EQUIPMENT IN MOTION AND ON-OFF SWITCH. ALSO INCLUDES 2 "AM" RECEPTACLE AN-3106-14S-6S AND 3/24/44 CAXX: CAXX: 18-589 MAR. 44 | | | CONTROL PANEL. COMPOSITE TRANSMITTER SELECTOR AND RECEIVER MIXING PANEL: UNIT CONSISTS OF A STANDARD 3 UNIT CONSOLE PANEL ON WHICH IS MOUNTED A 3 POSITION SWITCH (2 FOR TRANSMITTER SELECTION, 1 FOR INTERCOM. SYSTEM) 2 LIMITED RANGE H.F. SENSITIVITY 3/30/44 APR. 44 |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

C-125/ARC
CONTROLS AND 3 ON-OFF AUDIO SWITCHES FOR RECEIVERS. ALSO INCLUDES ONE AN-3102-22-14P RECEPTACLE AND ONE AN-3106-22-14S PLUG. PANEL DIMENSIONS, 3 3/8" X 6". FOR USE IN VTB, VSB, AND VF AIRCRAFT.

C-133/ARC-4
GROUND. PLANE TO PLANE WITH PLANE TO GROUND. SIMILAR TO BUT NOT INTERCHANGEABLE WITH C-51/ARC-4 OR C-62/ARC-4.

C-141A/APG
SUPPLIED WITH ASSOCIATED CONNECTORS AND CABLE CLAMPS. USED WITH BUT NOT PART OF AN/APG-4. DESIGNED FOR MOUNTING ON PANEL OF SA-28/APG. SIZE 3 UNITS (3 3/8" X 6"). SIMILAR TO AND WILL REPLACE C-141/APG.

C-127/ARC GEN. USE NAVAER: EP-133
CONTROL PANEL - THIS UNIT CONSISTS OF A STD. 2 UNIT CONSOLE PANEL ON WHICH IS MOUNTED A MASTER AUDIO VOLUME CONTROL AND A MASTER RADIO SWITCH. INCLUDES ONE AN-3102-20-8P RECEPTACLE AND ONE AN-3106-20-8S PLUG. FOR USE WITH NAVY SYSTEMS.
3/30/44
APR. 44

C-137/ARC NAVAER-EP-133
CONTROL PANEL: COMPOSITE TRANS. SELECTOR & RECEIVER MIXING PANEL. THIS UNIT CONSISTS OF A STD. 3 UNIT CONSOLE PANEL ON WHICH IS MOUNTED 3 POSITION SWITCH (2 XMTR. SELECTION & 1-ICS) ONE LIMITED RANGE H.F. SENSITIVITY CONTROL & 2 ON-OFF
5/4/44
MAY 44

C-148/APA-30 AN/APA-30
CONTROL UNIT: CONFIDENTIAL
CONTAINS OPERATIONAL CONTROLS AS FOLLOWS: POWER SWITCH, START SWITCH FOR TRACKING MOTOR IN SERVO SIGHT UNIT CH-19/APA-30, SLEW SWITCH (IN, OFF, OUT USED TO GIVE FASTER DISPLACEMENT CORRECTION) AND TRACKING KNOBS. SIZE APPROX. 4 3/4" X 5/20/44
MAY 44

C-127/ARC
VTB, VSB, AND VF. DIMENSIONS 2 1/4" X 6".

C-137/ARC
SWITCHES FOR RECEIVERS AND 1 AN-3102-22-14P RECEPTACLE AND 1 AN-3106-22-14S PLUG GENERAL PURPOSE SYSTEM CONTROL FOR VTB, VSB, AND VF AIRCRAFT.

C-148/APA-30
5 3/4" X 5". WT. 5 LBS. INPUT: 115V/10/400-2400- @ 110W; & 25V DC @ 25W. MOUNTS ON MOUNTING PLATE MT-271/APA-30 BY MEANS OF SNAP SLIDES.

C-131/AR AN/ARC-5
SELECTOR UNIT:
A UNIT FOR PILOT SELECTION OF ANY ONE OF SIX PRE-SELECTED FREQUENCY CHANNELS. CONSISTS OF A SELECTOR UNIT FOR COUPLING TO THE CONTROLLED DEVICE AND A SIX POSITION REMOTE CONTROL SWITCH. USED WITH AN/ARC-5 AND NAVY MODEL ARA. FIRST
4/14/44 CAME:
SEPT. 44

C-138/AXS-1 AN/AXS-1
AMPLIFIER-CONTROL UNIT: CONFIDENTIAL
MASTER CONTROL UNIT TO CONTROL CAMERA ADJUSTMENTS AND TO CONTROL LEVELS OF OUTPUT VOLTAGE FED TO VIDEO TRANSMITTER ALSO CONTROLS SWITCHING OF CONVERSION UNIT PH-536/AXS-1 OR PH-537/AXS-1 AND MONITOR SWITCHING (BOTH CONVERSION UNITS
5/4/44
MAY 44

C-151/APS-15A AN/APS-15A
CONTROL UNIT: CONFIDENTIAL
A CONTROL UNIT AUXILIARY TO THE RECEIVER-INDICATOR R-78/APS-15A. PROVIDES ALL CONTROLS FOR ANTENNA ASSEMBLY AS-18/APS SUCH AS SECTOR SCAN, AZIMUTH & TILT STABILIZATION, ETC; ALSO INCLUDES 21-POSITION SEARCH-BEACON SWEEP DELAY
6/14/44 CPR: CPR:5L0-1303
AUG. 44

C-131/AR
PROCURED ON CONTRACT NOs 1674. FOR SELF WINDING CLOCK CO. 205 WILLOUGHBY AVE. BROOKLYN, N.Y.

C-138/AXS-1
& INPUT & OUTPUT OF VIDEO TRANSMITTER). INCLUDES AMPLIFIER CIRCUIT FOR AMPLIFYING AND CONTROLLING GAIN OF THE OUTPUT OF CONVERSION UNIT PH-536/AXS-1 OR PH-537/AXS-1. ALSO MIXES SYNCHRONIZING SIGNAL FROM SYNCHRONIZING GENERATOR WITH CONVERSION UNIT OUTPUT.

C-151/APS-15A
SWITCH FOR RANGE UNIT CP-11/APS-15A. FITS MOUNTING BASE MT-123/APS-15 OR MT-174/APS-2F. SIMILAR TO BUT NOT INTERCHANGEABLE WITH C-33/APS-15 AND C-33A/APS-15. HAS CIRCUIT CHANGES TO ADAPT IT FOR USE WITH RE-14/APA-14A.

C-131A/AR AN/ARC-5
SELECTOR UNIT:
SELECTOR UNIT - A UNIT FOR PILOT SELECTION OF ANY ONE OF SIX PRE-SELECTED FREQUENCY CHANNELS. CONSISTS OF A SELECTOR UNIT FOR COUPLING TO THE CONTROLLED DEVICE AND A SIX POSITION REMOTE CONTROL SWITCH WITH A MULTIPLE CONDUCTOR CABLE
1/16/45 CAME
JAN. 45

C-141/APG AN/APG-4 RESTRICTED
CONTROL BOX:
PANEL AND CONTROL BOX CONSISTING OF "ON-OFF" COMBINED RADIO SILENCE AND SAFETY SWITCHES AND BUFFER RELAY. ALSO INCLUDES TWO INDICATOR LIGHTS, RED AND AMBER--RED TO INDICATE EQUIPMENT IS IN FULL OPERATION & AMBER TO INDICATE A RELEASE.
5/6/44
OCT. 44

C-154/TPS-1B
CONTROL BOX: CONFIDENTIAL
CONTAINS VARIACS, SWITCHES, RELAYS AND FUSES FOR CONTROLLING THE POWER SUPPLIES TO THE VARIOUS PARTS OF THE RADAR UNDER TEST AND A TRIGGER CIRCUIT FOR PROVIDING TRIGGER PULSES FOR THE SWEEP AND RANGE MARKER OF THE RADAR WITHOUT USING THE
6/30/44 CW:56512C CW:8XX-409783
NOV. 44

C-131A/AR
WITH PLUG FOR CONNECTION TO RECEPTACLE ON SELECTOR UNIT. USED WITH RADIO EQUIPMENT AN/ARC-5. SAME AS C-131/AR EXCEPT SUBSTITUTES AN ELECTRICAL GOVERNOR INSTEAD OF A MECHANICAL CLUTCH WHICH ALLOWS UNLIMITED FREQUENCY CHANNEL SELECTION. FIRST PROCURED ON NOs 4982.

SUPPLIED WITH ASSOCIATED CONNECTORS AND CABLE CLAMPS. USED WITH BUT NOT PART OF AN/APG-4.

C-154/TPS-1B
RADAR TRANSMITTER. POWER SUPPLY 115V/10/400- & 27 V DC. SIZE 17 5/8" X 12 3/4" X 18 3/4". WT. APPROX. 80 LBS.

C-133/ARC-4 AN/ARC-4 NAVAER-EP-133
CONTROL PANEL: RESTRICTED
CONTROL PANEL - 2 UNIT STANDARD CONTROL ON WHICH IS MOUNTED A 4 POSITION SELECTOR SWITCH FOR SELECTING 4 VHF TRANS-REC CHANNELS OF THE AN/ARC-4 TRANS-REC AND A 3 POSITION SWITCH FOR SELECTING RECEIVER CHANNELS - PLANE TO PLANE, PLANE TO
4/21/44
APR. 44

C-141A/APG AN/APG-4 RESTRICTED
CONTROL BOX:
CONTROL BOX CONSISTING OF "ON-OFF" COMBINED RADIO SILENCE AND SAFETY SWITCHES AND BUFFER D.P.S.T. RELAY. ALSO INCLUDES TWO INDICATOR LIGHTS, RED AND AMBER--RED TO INDICATE EQUIPMENT IS IN FULL OPERATION & AMBER TO INDICATE A RELEASE.
5/6/44
OCT.-444

C-156/ARC-18 AN/ARC-18
CONTROL UNIT: RESTRICTED
INCLUDES A 10 POSITION ROTARY SWITCH FOR SELECTING CHANNEL REQUIRED FOR RECEPTION AND RETRANSMISSION ON ANY ONE OF TEN CHANNELS. ALSO INCLUDES ON-OFF TOGGLE SWITCH, FOUR INDICATING LAMPS TO INDICATE WHICH RECEIVER IS OPERATING AND
7/14/44 D-152683 80-43518
APR. 45

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|---|-----------------------|--------------------|--|
| | | C-156/ARC-18 | | | C-168/APS-T2 | | | C-174/AIC-4 |
| | | WHICH TRANSMITTER IS RELAYING, A TWO-POSITION SWITCH MARKED "1-OFF-2" FOR SELECTING THE DESIRED RT-18/ARC-1, TWO AN-3102-20-1P (ONE POS. 4) RECEPTACLES FOR CONNECTION TO TWO RT-18/ARC-1 AND ONE AN-3102-20-1S TO CONNECT TO RE-15/ARC-18, AND MICROPHONE & HEADSET JACK. OVERALL SIZE 6 3/4" X 5 5/8" X 3 5/16". WT., 1.9 LBS. | | | IN SCR 717A TO SHOW ANGLE OF SIMULATED TILT. MOUNTS IN MODULATOR MD-37/APS-T2. | | | SELECTING ICS, VHF RADIO TRANSMITTER OR HF TRANSMITTER (3) ICS VOLUME CONTROL (4) RADIO VOLUME CONTROL, DESIGNED TO MOUNT ON MT-80/ARC-5 MOUNTING PLATE. POWER SUPPLY: 28 V DC AT 0.1 AMP. SIZE: 4 1/8" X 5 3/4" X 3 1/4". WEIGHT: 1.4 LBS. PART OF AN/AIC-4. |
| | | C-157/AP AIRBORNE | | | C-171/APA-1 AN/ARR-18 RESTRICTED | | | C-183/ARR-18 AN/ARR-18 CONFIDENTIAL |
| | | CONTROL BOX: CONTROL BOX CONSISTING OF A METAL BOX OF APPROX. 4" X 4" X 3" CONTAINING FOUR POTENTIOMETERS AND A 4 POSITION ROTARY SWITCH, PERMANENTLY INSTALLED IN ANY AIRCRAFT. WHEN USED WITH MILLIMETER TS-60/U AND PICK-UP ANTENNA ASSEMBLY 7/10/44 CAGM: JULY 44 | | | CONTROL BOX: CONTROL UNIT CONSISTING OF A CONSOLE MOUNTING TYPE METAL BOX 6" X 2 1/4" X 6 1/2" CONTAINING FOCUS, BRILLIANCE, VERTICAL CENTERING POTENTIOMETERS AND A RANGE SWITCH. THIS UNIT IS DESIGNED FOR MOUNTING ON THE CONSOLE IN THE PILOT'S 7/28/44 AUG. 44 | | | CONTROL UNIT: CONTROL UNIT CONTAINING FOLLOW UP KNOB, METER FOR FREQUENCY INDICATION; CM, MCV SWITCH, 8 POSITION SELECTOR SWITCH FOR AUTOMATIC FREQUENCY SELECTION. SIZE: 6 UNIT CONSOLE CONTROL 5 5/8" X 6". DESIGNED FOR INSTALLATION ON CONSOLE OF 8/19/44 CGP: AUG. 44A |
| | | C-157/AP | | | C-171/APA-1 | | | C-183/ARR-18 |
| | | AT-168/AP CONTROLS AMOUNT OF CRYSTAL CURRENT OUTPUT OF AT-168/AP THAT IS INDICATED ON TS-60/U., THEREBY USED TO MEASURE POWER OUTPUT OF RADIO EQUIPMENT. MAY BE USED WITH 4 AT-168/AP PICK-UP ANTENNA ASSEMBLIES IF INSTALLED IN ONE AIRCRAFT. | | | COCKPIT ELECTRICALLY IDENTICAL TO THE *C-15A/APA-1 AND ELECTRICALLY INTERCHANGEABLE WITH *C-15/APA-1 AND *C-15A/APA-1 BUT NOT MECHANICALLY INTERCHANGEABLE WITH THESE CONTROL UNITS. | | | AIRCRAFT. |
| | | C-160/GPS-T1A AN/GPS-T1A | | | C-172/AIC-4 AN/AIC-4 | | | C-184/ARR-18 AN/ARR-18 CONFIDENTIAL |
| | | CONTROL PANEL: MOUNTS THE CONTROLS FOR WIND VELOCITY, WIND DIRECTION, AIRCRAFT COURSE (LABELED "AIRCRAFT TURN"), AIRCRAFT SPEED, HEIGHT RANGE, IFF AND FADE. ALSO INCLUDES LEADING INDICATOR AND SWITCHES FOR 110V. SUPPLY TO OSCILLATOR O-24/GPS-T1A AND 7/26/44 JULY 44 | | | PILOT'S CONTROL UNIT: FOR USE OF PILOT ON CARRIER BASED AIRCRAFT. PROVIDES: (1) THREE TOGGLE SWITCHES TO CONTROL THE OUTPUT FROM EACH OF THREE RADIO RECEIVER OUTPUTS (NORMALLY TWO HF AND ONE VHF) (2) ONE ROTARY SWITCH PERMITTING SELECTION OF ICS, VHF 8/4/44 CMX: NOV. 44 | | | CONTROL UNIT: CONTROL UNIT INCLUDING FOLLOW UP KNOB, METER FOR FREQUENCY INDICATION, LOOP SWITCH FOR SWITCHING FROM LOOP ANTENNA TO RANGE ANTENNA, CM & MCV SWITCH, SENSITIVITY CONTROL AND 8 POSITION SELECTOR SWITCH FOR AUTOMATIC FREQUENCY SELECTION. 8/19/44 CGP: AUG. 44A |
| | | C-160/GPS-T1A | | | C-172/AIC-4 | | | C-184/ARR-18 |
| | | TO RECTIFIER POWER UNIT PP-117/GPS-T1A. DIMENSIONS 6" X 19" (APPROX.). SIMILAR TO CONTROL PANEL C-120/GPS-T1 BUT NOT INTERCHANGEABLE. | | | TRANSMITTER OR HF TRANSMITTER (3) ICS VOLUME CONTROL (4) RADIO VOLUME CONTROL (5) TWO HF RECEIVER SENSITIVITY CONTROLS (6) EMERGENCY SWITCH WHICH DISCONNECTS THE AMPLIFIER UNIT AND PERMITS CONTROL UNIT TO BE USED ALONE IF SWITCH IS SAFETY WIRED TO EMERGENCY POSITION. MOUNTS ON MT-98/ARC-5. POWER SUPPLY 28V DC @ .1 A. SIZE: 5 7/8" X 7 1/4" X 5 1/4". WT. 2.8 LBS. | | | DESIGNED FOR MOUNTING IN CONSOLE OF AIRCRAFT. SIZE: 5 UNIT CONSOLE CONTROL 5 5/8" X 6". |
| | | C-167/APS-T1A AN/APS-T1A | | | C-173/AIC-4 AN/AIC-4 | | | C-186/TPS-1B AN/TPS-1B |
| | | TILT CONTROL: INCLUDES MOTOR WITH LIMIT SWITCHES DRIVING GANGED POTENTIOMETERS, CONTROLS TILT SIMULATION GATES IN MODULATOR MD-37/APS-T1A AND SIMULTANEOUSLY OPERATES TILT METERS IN ASSOCIATED RECEIVER-INDICATORS. MOUNTS IN MODULATOR 8/4/44 CEX: AUG. 44 | | | STATION CONTROL UNIT: RESTRICTED STATION CONTROL UNIT FOR USE BY CREW MEMBERS OTHER THAN PILOT AND RADIO OPERATOR IN MULTI-PLACED CARRIER BASED AIRCRAFT. PROVIDES: (1) ONE D.P.D.T. TOGGLE SWITCH FOR SELECTING EITHER ICS OR VHF RADIO TRANSMITTER (2) ICS VOLUME 8/4/44 NOV. 44 | | | RECEIVER-CONTROL ASSEMBLY: CONFIDENTIAL CONSISTS OF RADAR RECEIVER R-87/TPS-1B, MANUAL DRIVE UNIT MX-192/TPS-1B RECTIFIER JUNCTION BOX PP-91/TPS-1B AND TEST SET TS-172/UP. THESE UNITS WHEN ATTACHED TOGETHER FORM A SECTION OF THE TOWER ASSEMBLY OF AN/TPS-1B. 8/29/44 CM: X-66171F CW: 8L-418491 DEC. 44 |
| | | C-167/APS-T1A | | | C-173/AIC-4 | | | C-188/ART-13 RESTRICTED |
| | | MD-37/APS-T1A. SIMILAR TO BUT NOT INTERCHANGEABLE WITH C-74/APS-T1A. | | | CONTROL (3) RADIO VOLUME CONTROL. DESIGNED TO MOUNT ON MT-80/ARC-5 MOUNTING PLATE. POWER SUPPLY: 28V DC AT 0.1 AMP. SIZE: 4 1/8" X 5 3/4" X 3 1/4". WEIGHT: 1.2 LBS. PART OF: AN/AIC-4. | | | CONTROL BOX: PILOT'S CONTROL BOX. CONTAINING A 3 GANG, 10 POSITION ROTARY SWITCH. USED TO SIMULTANEOUSLY SELECT 10 AN/ART-13 TRANSMITTER CHANNELS AND 6 AN/ARC-5 RECEIVER CHANNELS THRU USE OF SELECTOR UNIT C-131/AR ATTACHED TO 8/31/44 COL: 314N-4 COL: 502-0345-003 NOV. 44 |
| | | C-168/APS-T2 AN/APS-T2 | | | C-174/AIC-4 AN/AIC-4 RESTRICTED | | | C-188/ART-13 |
| | | TILT CONTROL: CONFIDENTIAL INCLUDES MOTOR WITH LIMIT SWITCHES DRIVING GANGED POTENTIOMETERS AND ALSO DIRECTION INDICATING RHEOSTAT, CONTROLS TILT SIMULATION GATES IN MODULATOR MD-37/APS-T2 AND SIMULTANEOUSLY OPERATES TILT INDICATOR IN SCR-717B OR TILT METER 8/4/44 CXX: AUG. 44 | | | OPERATOR'S CONTROL UNIT RADIO OPERATOR'S CONTROL UNIT FOR USE BY RADIO OPERATOR ON MULTI-PLACED CARRIER BASED AIRCRAFT. PROVIDES: (1) ONE SELECTOR SWITCH FOR SELECTING THE OUTPUT FROM TWO HF AND VHF RADIO RECEIVERS, AND OFF POSITION (2) ONE SELECTOR SWITCH FOR 11/30/44 NOV. 44 | | | R-26/ARC-5. USED WITH AN/ART-13 AND AN/ARC-5. FOR USE IN VTB-VSB NAVAL AIRCRAFT. SIMILAR TO C-87/ART-13 BUT NOT ELECTRICALLY OR MECHANICALLY INTERCHANGEABLE. WEIGHT: 1 LB. PROCURED ON CONTRACT NXsa-81592 FROM COLLINS RADIO CO. |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|--|--------------------|-------------------------------|--|--------------------|-------------------------------|
| C-189/ART-13 CONSOLE CONTROL BOX: RESTRICTED PILOT'S CONTROL BOX, CONSOLE MOUNTING TYPE CONTAINING A 3 GANG, 10 POSITION ROTARY SWITCH. USED TO SIMULTANEOUSLY SELECT 10 AN/ART-13 TRANSMITTER CHANNELS AND 6 AN/ARC-5 RECEIVER CHANNELS THRU 8/31/44 COL:314N-5 COL:502-0447-003 NOV. 44 | | | C-203A/ASG-10 AN/ASG-10A SPEC EP-133A CONTROL BOX: RESTRICTED CONTROL BOX (SURFACE MOUNTING) FOR USE BY PILOT IN CONTROL AND ADJUSTMENT OF COMPUTING SET AN/ASG-10A. CONSISTS OF GYRO CAGING SWITCH, TEST SWITCH, STICK LENGTH OFFSET CONTROL AND BOMB-ROCKET SWITCH. DESIGNED FOR SURFACE MOUNTING 2/23/45 CMX: FEB. 45 | | | C-215/APX-6 AN/APX-6 FREQUENCY CONTROL UNIT: RESTRICTED CONSISTS OF FOUR 12 POSITION ROTARY SWITCHES FOR REMOTELY SETTING UP ANY TWO OF 12 POSSIBLE TRANSMITTER AND RECEIVER FREQUENCIES IDENTIFIED AS A OR B. SELECTION OF CHANNEL A OR B IS MADE BY THE T & R SWITCHES ON CODE CONTROL UNIT 11/22/44 NOV. 44 | | |
| C-189/ART-13 USE OF SELECTOR UNIT C-131/AR ATTACHED TO R-26/ARC-5. USED WITH AN/ART-13 AND AN/ARC-5. FOR USE IN VTB-VSB NAVAL AIRCRAFT. SIMILAR TO C-124/ART-13 BUT NOT ELECTRICALLY OR MECHANICALLY INTERCHANGEABLE. WEIGHT 1 1/4 LBS. PROC- URED ON CONTRACT NXsa-81392 FROM COLLINS RADIO CO. | | | C-203A/ASG-10 ON AN EASILY REMOVABLE MOUNTING PLATE. SIZE: 6" X 3 3/8" X 3 25/32". WEIGHT: 1 LB. PART OF: AN/ASG-10A. SIMILAR TO AND SUPERSEDES C-203/ASG-10. FUNCTIONAL- LY INTERCHANGEABLE WITH C-200A/ASG-10. CONTRACTS NoRd 7779 AND OEHsr 1417 WITH MAGNAVOX. | | | C-215/APX-6 C-216/APX-6. ALSO INCLUDES NECESSARY CONNECTORS. | | |
| C-200/ASG-10 AN/ASG-10 RESTRICTED CONTROL BOX PILOT'S CONTROL BOX (CONSOLE MOUNTING), CONSISTING OF GYRO CAGING SWITCH, ALTI- METER SELECTOR SWITCH, TEST SWITCH, MPI ADJUSTMENT AND STICK LENGTH OFFSET CON- TROL. USED IN CONTROL AND ADJUSTMENT OF AN/ASG-10. MAY BE USED ALTERNATELY WITH 10/12/44 CMX: OCT. 44 | | | C-207/AIC GEN. USE RESTRICTED AUTOMATIC GAIN CONTROL: INSTALLATION: AIRBORNE TYPE EQUIPMENT: INTERPHONE PURPOSE: TO CONTROL THE GAIN OF THE AM-40/AIC INTERPHONE AMPLIFIER. THIS UNIT CONSISTS OF AN ANEROID BELLOW MECHANICALLY CONNECTED TO A 4 POINT TAP SWITCH. WHEN THE SWITCH IS CONNECTED 10/18/44 OCT. 44 | | | C-216/APX-6 AN/APX-6 CODE CONTROL UNIT: RESTRICTED CONTAINS THE FOLLOWING CONTROLS: A TEN POSITION ROTARY SWITCH FOR CODE SELEC- TIONS AND THREE TWO POSITION SWITCHES LABELED CT AND R FOR SELECTING CODE, AND TRANSMITTER AND RECEIVER FREQUENCY. ALSO INCLUDES NECESSARY CONNECTORS. 11/22/44 NOV. 44 | | |
| C-200/ASG-10 C-203/ASG-10. WEIGHT: 0.8 LBS. SIZE: 3 1/4" X 3 3/8" X 6". PROCUREMENT THROUGH BU ORD CONTRACT NO. OSRD L/1 4745. MADE BY THE MAGNAVOX CO. | | | INTO THE CIRCUIT OF C-207/AIC THE AM-40/AIC AMPLIFIER, THE GAIN OF THE AMPLIFIER IS ADJUSTED TO COMPENSATE FOR ALTITUDE LOSSES IN THE ASSOCIATED MICRO- PHONE AND HEADPHONES. CHANGES IN AIR PRESSURE OBTAINED AT VARIOUS OPERATING ALTITUDES AUTOMATICALLY CAUSE THE SWITCH MECHANISM TO CHANGE STEPS, & THUS CHANGE THE GAIN OF THE AMPLIFIER UNIT. SIZE: 1 5/8" X 1 7/8" X 2 3/4". WT. 3 1/2 OZ. | | | C-217/APS-20 AN/APS-20 CONFIDENTIAL CONTROL-INDICATOR UNIT: PROVIDES THE FOLLOWING FRONT PANEL CON- TROLS: MAIN POWER ON-OFF, ANTENNA CON- TROL, RECEIVER TUNING AND GAIN, ON-OFF FOR ANTI-CLUTTER CIRCUITS AND ON-OFF FOR AN ASSOCIATED RADAR RELAY TRANSMITTER. IT ALSO MOUNTS 3 INDICATORS MAIN PPI. 11/23/44 CAEY: DEC. 44 | | |
| C-200A/ASG-10 AN/ASG-10B SPEC: EP-133A CONTROL BOX: RESTRICTED CONTROL BOX (CONSOLE MOUNTING) FOR USE BY PILOT IN CONTROL AND ADJUSTMENT OF COMPUTING SET AN/ASG-10A. CONSISTS OF GYRO CAGING SWITCH, TEST SWITCH, STICK LENGTH OFFSET CONTROL AND BOMB-ROCKET SWITCH. SIZE: 6" X 3 3/8" X 3 25/32". 2/23/45 CMX: FEB. 45 | | | C-213/GMQ-5 AN/GMQ-5 CONFIDENTIAL ANTENNA CONTROL UNIT: PROVIDES DC CONTROL VOLTAGE FOR PROPER POSITIONING OF ANTENNA ASSEMBLY AS-223/GMQ-5 CONSISTS OF A THREE STAGE BALANCED DC AMPLIFIER. OPERATES FROM DC POTENTIALS OBTAINED FROM RADIO RECEIVER R-141/GMQ-5 THROUGH ANTENNA SWITCH 11/28/44 CFL: MAR. 45 | | | DELAYED PPI AND TYPE C-217/APS-20 A INDICATOR. EACH WITH CRT ADJUSTMENTS AND SELECTION SWITCHES FOR SWEEPS, TRIG- GERS, ETC. INCLUDES SWEEP CIRCUITS AND RANGE MARKERS FOR THE TYPE A IND. INPUTS ARE: 120V 400-6.3V. AC: 28V DC; PLUS 450V; PLUS 300V (REG.) PLUS 225V AND -105V. DIMENSIONS: 20 1/2" X 24 1/2" X 12". WT.: 90 LBS. | | |
| C-200A/ASG-10 WEIGHT: 1 LB. PART OF: AN/ASG-10A. SI- MILAR TO AND SUPERSEDES C-200/ASG-10. FUNCTIONALLY INTERCHANGEABLE WITH C-203A/ASG-10. CONTRACTS NoRd 7779 AND OEHsr 1417 WITH MAGNAVOX. | | | UNIT SA-57/GMQ-5. C-213/GMQ-5 CONTROLS ANTENNA DRIVE ASSEMBLY PU-73/GMQ-5 TO AUTOMATICALLY TRACK AIR- BORNE RECEIVER TRANSMITTER RT-81/AM IN FLIGHT. | | | C-218/APS-20 AN/APS-20 CONFIDENTIAL CONTROL-METER BOX MODULATOR CONTROL AND METER BOX - PRO- VIDES THE FOLLOWING CONTROLS: ON-OFF SWITCH FOR BLOWERS AND FILAMENTS, A PUSH BUTTON TO APPLY HIGH VOLTAGE TO THE MOD- ULATOR MD-53/APS-20 AND A PUSH BUTTON CONTROL FOR CRYSTAL SHUTTER. IT ALSO 11/23/44 CASG: DEC. 44 | | |
| C-203/ASG-10 AN/ASG-10 RESTRICTED CONTROL BOX PILOT'S CONTROL BOX (SURFACE MOUNTING) CONSISTING OF GYRO CAGING SWITCH, ALTI- METER SELECTOR SWITCH, TEST SWITCH, MEAN POWER IMPACT ADJUSTMENT AND STICK LENGTH OFFSET CONTROL. DESIGNED FOR SURFACE MOUNTING ON AN EASILY REMOVABLE MOUNTING 10/12/44 CMX: OCT. 44 | | | C-214/APX-6 AN/APX-6 MAIN CONTROL UNIT: RESTRICTED CONTAINS THE FOLLOWING CONTROLS: ROTARY SWITCH WITH POSITIONS, OFF, LOW, ON, EMERGENCY, THREE POSITION SWITCH, (MARKED P) TWO POSITION SWITCH (MARKED FL) AND SWITCH MARKED "DESTRUCT". ALSO INCLUDES MONITOR JACK & NECESSARY 11/22/44 NOV. 44 | | | C-218/APS-20 INCLUDES AC VOLTMETER FOR 120 VOLTS AC LINE TO COMMON OF EACH OF THREE PHASES. MAGNETRON FILAMENT TRANSFORMERS PRIMARY VOLTAGE, DC VOLTMETER FOR 20 VOLTS DC AND DC MILLIAMETER FOR MAGNETRON CURRENT AND RECTIFIER CURRENT MEASUREMENTS. DIMENSIONS: 10" X 6" X 6". WT.: 10 LBS. | | |
| C-203/ASG-10 PLATE. THIS UNIT IS USED IN CONTROL AND ADJUSTMENT OF AN/ASG-10. WEIGHT: 1.4 LBS. SIZE: 3" X 3 3/8" X 6". MAY BE USED ALTERNATELY WITH C-200/ASG-10. USED AS PART OF AN/ASG-10. PROCUREMENT: THROUGH BU ORD CONTRACT NO. OSRD L/1 4745. MADE BY THE MAGNAVOX CO. | | | CONNECTORS. C-214/APX-6 | | | C-219/APS-20 AN/APS-20 RESTRICTED ANTENNA CONTROL ANTENNA CONTROL - PROVIDES RELAY CONTROL FOR GOVERNING THE ROTATION OF THE ANTEN- NA. CONTACTORS ARE SO INTERCONNECTED THAT REVERSAL OF THE ANTENNA MOTOR IS POSSIBLE FROM THE REMOTE CONTROL STATION WHEN THE ANTENNA CONTROL SWITCH ON THE 11/23/44 CAEY:11333 DEC. 44 B-11183A | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

C-219/APS-20
CONTROL INDICATOR UNIT C-217/APS-20 IS IN THE LATCHED POSITION. INPUTS ARE: 28 VOLTS DC, AND OPERATING VOLTAGES FROM CONTROL INDICATOR UNIT C-217/APS-20 AND ASSOCIATED RADIO CONTROL RECEIVER.

C-225/FPN-1 CONFIDENTIAL
CONTROL UNIT:
UNIT IS OF FRAME AND PANEL CONSTRUCTION AND CONTAINS THE NECESSARY METERING CIRCUITS FOR EITHER THE SEARCH OR THE PRECISION SYSTEM TRANSMITTER TUBE PLUS AN INTERLOCK FOR THE TWO SYSTEMS, TIME DELAY RELAYS AND A CONTROL KNOB OF MV 12/22/44 CRR:
DEC. 44

C-241/APX AN/APX-2
PILOT'S CONTROL UNIT: RESTRICTED
PILOT'S CONTROL UNIT - PERFORMS SAME FUNCTION AS PILOT CONTROL UNIT C-174/APX-2 EXCEPT FOR USE IN SINGLE PLACE PLANES AND HAS ADDITIONAL SWITCH FOR CODE SELECTION. CONTAINS THE FOLLOWING: MASTER SWITCH, INTERROGATOR SWITCH.
1/23/45
JAN. 45

C-219A/APS-20 AN/APS-20A RESTRICTED
ANTENNA CONTROL:
ANTENNA CONTROL - PROVIDES RELAY CONTROL FOR GOVERNING THE ROTATION OF THE ANTENNA. CONTACTORS ARE SO INTERCONNECTED THAT REVERSAL OF THE ANTENNA MOTOR IS POSSIBLE FROM THE REMOTE CONTROL STATION WHEN THE ANTENNA CONTROL SWITCH ON THE 4/14/45 CG:
APR. 45

C-225/FPN-1
VARLAC.

C-241/APX
"G" BAND SWITCH, PILOT'S GAIN CONTROL, CODE SELECTOR SWITCH, AND DESTRUCT SWITCH. SIZE: (4 UNIT PANEL) 4 1/2" X 6" X 3 3/16". WEIGHT: APPROX. 1.75 LBS. PART OF AN/APX-2.

C-219A/APS-20
CONTROL INDICATOR UNIT C- /APS-20A IS IN THE LATCHED POSITION. INPUTS ARE: 28 VOLTS DC, AND OPERATING VOLTAGES FROM CONTROL INDICATOR UNIT C- /APS-20A AND ASSOCIATED RADIO CONTROL RECEIVER. SIMILAR TO C-219/APS-20 EXCEPT HAS IMPROVED COMPONENTS.

C-232/APS-6 AN/APS-6 CONFIDENTIAL
CONTROL UNIT:
A 3 UNIT STANDARD CONSOLE PANEL CONTAINING ONE COMBINATION MASTER "ON-OFF" AND RANGE SELECTOR SWITCH, A TRANSMITTER SWITCH FOR HIGH VOLTAGE SUPPLY, ONE CONTROL FOR AFC SWITCH AND MANUAL TUNING, AND ONE GAIN CONTROL. ALSO INCLUDES A 1/9/45 CGZ:
JAN. 45

C-242/AIC-4 AN/AIC-4
PILOT'S CONTROL UNIT: RESTRICTED
PILOT'S CONTROL UNIT MOUNTED ON A 3 UNIT CONSOLE PANEL. SIMILAR TO C-172/AIC-4 EXCEPT THAT ONLY 2 CONTROL TOGGLE SWITCHES ARE PROVIDED, THE SONO-BOUT SWITCH HAVING BEEN OMITTED. FOR USE AS ALTERNATE TO C-172/AIC-4, DESIGNED
1/23/45
JAN. 45

C-220/APA-5A AN/APA-5A RESTRICTED
ANTENNA CONTROL BOX:
CONTAINS SELECTOR SWITCH TO CONTROL ROTARY OR SECTOR SCAN OF ANTENNA. TO BE PLACED ADJACENT TO RADAR OPERATOR IN PLANE. SIZE APPROX. 3 5/8" X 2 5/8" X 2 1/2" AND WT. IS APPROX. 1/4 POUND. SAME AS C-90/APA-5 EXCEPT THAT TILT CONTROL SWITCH HAS BEEN DELETED AND CIRCUIT CHANGES.
11/25/44
CFN:B-303492
MAR. 45

C-232/APS-6
RADAR-BEACON SWITCH. DIMENSIONS, 6" X 3 3/8". SIMILAR TO C-46/APS-6 EXCEPT DESIGNED FOR CONSOLE MOUNTING. FIRST PROCURED ON N19a-87721.

C-242/AIC-4
FOR CONSOLE CONTROL UNITS. POWER SUPPLY 28V DC AT 0.1 AMPS. SIZE: PANEL - 3 3/8" X 6" X 6 1/2" WEIGHT: APPROX. 2.8 LBS. PART OF AN/AIC-4. MANUFACTURER MAGNAVOR CO., FORT WATBE, IND.

C-220/APA-5A
CONTROL SWITCH HAS BEEN DELETED AND CIRCUIT CHANGES.

C-233/ARR-2B AN/ARR-2B CONFIDENTIAL
CONTROL UNIT
CONTAINS SENSIVITY CONTROL, OFF-NAV-VOICE SWITCH, 10 POSITION CHANNEL SELECTOR SWITCH, BEAT NOTE CONTROL, PHONE JACK, AND CABLE RECEPTACLE. USED FOR REMOTE CONTROL OF RADIO RECEIVER R-147/ARR-2B. MAY BE USED TO REPLACE
1/16/45
JAN. 45

C-243/ARC-2 AN/ARC-2 RESTRICTED
CONTROL BOX:
CONSISTS OF AN 8 POSITION ROTARY SWITCH FOR SELECTION OF A PRESET FREQUENCY CHANNEL, A 2 POSITION REMOTE - LOCAL SWITCH USED FOR REMOTE TUNING OF TRANSMITTER RECEIVER RT-91/ARC-2, A VOLUME CONTROL, LIMITED RANGE SENSITIVITY
1/27/45 COL:
MAR. 45

C-222/APX-13 AN/APX-13 CONFIDENTIAL
CONTROL UNIT:
CONTAINS ON-OFF A BAND-G BAND INTERROGATOR SWITCH, AC POWER SWITCH, RECEIVER GAIN CONTROL AND LIGHT, MONITOR LIGHT, HIGH VOLTAGE SWITCH, VIDEO ROUTING SWITCH AND FUSES. DIMENSIONS 8" X 6" X 3", WT. 6 LBS.
12/9/44 CLP:
DEC. 44

C-233/ARR-2B
CONTROL BOX C-2/ARR-2 OR CONTROL UNIT C-35/ARR-2 OR C-116/ARR-2A.

C-243/ARC-2
CONTROL AND A 3 POSITION EMISSION SWITCH. WEIGHT: 1 1/2 LBS.

C-223/ARQ-10 AN/ARQ-10 CONFIDENTIAL
CONTROL UNIT
CONTROL UNIT FOR REMOTE TUNING OF POWER AMPLIFIER AM-80/ARQ-10 AND RADIO SET AN/ARQ-10. MOUNTS ON ONE UNIT S/RACK. DIMENSIONS: 10" X 10" X 13". NDRC EXPERIMENTAL CONTRACT FROM FEDERAL TELEPHONE & RADIO CORP. USED WITH BUT NOT PART OF 12/15/44 CFI:
DEC. 44

C-236/ARA-13 AN/ARA-13 CONFIDENTIAL
CONTROL UNIT:
REMOTE TUNING CONTROL USED WITH AN-80/ARA-13 AND AN-96/ARA-13. CONNECTS TO RT-51/ARQ-10 AND RT-52/ARQ-10, AND RECEIVES ITS POWER FROM THE AMPLIFIER UNIT. CONTROLS THE AMPLIFIER PLATE TUNING, ANTENNA LOADING AND ANTENNA COUPLING.
1/20/45
JAN. 45A

C-244/ARC-2 AN/ARC-2
CONTROL BOX: RESTRICTED
CONSISTS OF AN 8 POSITION ROTARY SWITCH FOR SELECTION OF A PRESET FREQUENCY CHANNEL AND A 2 POSITION REMOTE-LOCAL SWITCH TO PERMIT REMOTE TUNING OF TRANSMITTER RECEIVER RT-91/ARC-2. DIMENSIONS: 3 1/2" X 4 1/2" X 2"
1/26/45
FEB. 45

C-223/ARQ-10
AN/ARQ-10.

C-236/ARA-13
ING. USING A SWITCH TO SELECT THE RESPECTIVE CLUTCH ON THE AMPLIFIER MOTOR DRIVING MECHANISM. HAS METER TO INDICATE THE AMPLIFIER PARAMETERS, HAS SELSYN INDICATOR SHOWING ANGULAR DISPLACEMENT OF AMPLIFIER PLATE TUNING CONDENSER. SIZE: ONE ATR BOX, 10" X 10" X 10". PART OF AN/ARA-13.

C-244/ARC-2
WEIGHT: 1 1/4 LBS.

CANCELLED 1/22/45
USE CONTROL UNIT C-236/ARA-13 INSTEAD.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-27

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | | |
|---|----------------------------|-------------------------------|--|--------------------|-------------------------------|--|--------------------|-------------------------------|----------------------------|-------------------------------|
| C-245/ARC-2 | AN/ARC-2 | | C-251/UPX | | | C-266/ARC-19 | | | | |
| CONTROL PANEL: CONSISTS OF AN 8 POSITION ROTARY SWITCH FOR SELECTION OF A PRESET FREQUENCY CHANNEL AND A 2 POSITION REMOTE-LOCAL SWITCH TO PERMIT REMOTE TUNING OF TRANSMITTER RECEIVER RT-91/ARC-2. DIMENSIONS: 6" X 2 1/4". WT. 1.3 LBS. 1/26/45 COL: FEB. 45 | | | EXCEPT DOES NOT INCLUDE CHALLENGE SWITCH. SIZE APPROX: 3" X 3" X 6". | | | 7-POS. AND 12-POS) FOR MAIN FREQUENCY SELECTION, 3-POSITION MAIN-BOTH-GUARD SWITCH, 2-POSITION POWER SWITCH, 2-POSITION VOICE-KEY SWITCH, AND AN RECEPTACLES FOR CONNECTION TO TRANSMITTER-RECEIVER RT-96/ARC-19. | | | | |
| C-247/UPX | GEN. USE | | C-252/UPX | GEN. USE | | C-267/ARC-19 | AN/ARC-19 | CONFIDENTIAL | | |
| CONTROL BOX: CONFIDENTIAL. CONTROLS REMOTELY THE FOLLOWING FUNCTIONS OF THE ASSOC. INTERROGATOR - RESPONDER: POWER LEVEL MARKED "POWER" "HIGH" - "LOW"; OVERLOAD RESET; RESPONDER GATE LENGTH MARKED "GATE", "LONG", "SHORT"; RESPONDER SWEPT GTC (GAIN TIME 1/26/45 MAY 46 | | | CHALLENGE CONTROL BOX: CONFIDENTIAL. CONTROLS CHALLENGING FUNCTION OF INTERROGATOR - RESPONDER. INCLUDES MODE SWITCH FOR SELECTING IFF, PI AND PL1 WITH PILOT LIGHTS FOR EACH POSITION. SIMILAR TO CHALLENGE CONTROL BOX C-249/UPX, C-250/UPX, AND C-251/UPX 1/26/45 JAN. 45 | | | CONTROL UNIT: DIMENSIONS 5 7/8" X 5 3/4" X 3 1/2". WEIGHT 3 LBS. FITS MOUNTING PLATE SIG. CORPS TYPE FT-240A W.E. CO. TYPE ARC-6831. PERMITS OPERATION ON GUARD FREQUENCY AND/OR ANY OF 9-PREDETERMINED MAIN FREQUENCIES. HAS 9-POSITION ROTARY 2/26/45 CMX: FEB. 45 | | | | |
| C-247/U | | | C-252/UPX | | | C-267/ARC-19 | | | | |
| CONTROL CHARACTERISTICS MARKED "AIR-SEARCH" - "SURFACE SEARCH"; G.T.C. AND GATE CIRCUIT "ON - OFF"; AND RESPONDER GAIN CONTROL. SIZE APPROX. 3" X 3" X 6". | | | EXCEPT HAS ONLY MODE SWITCH. SIZE APPROX: 3" X 3" X 6". | | | SWITCH FOR MAIN FREQUENCY SELECTION, 3-POSITION MAIN-BOTH-GUARD SWITCH, 2-POSITION POWER SWITCH, 2-POSITION VOICE-KEY SWITCH, AN RECEPTACLES FOR CONNECTION TO TRANSMITTER-RECEIVER RT-96/ARC-19 AND INTERNAL CONNECTIONS FOR SELECTING THE 9 MAIN FREQUENCIES. | | | | |
| CANCEL 5/26/45 USE REMOTE CONTROL BOX C-307/CPX-1. | | | | | | | | | | |
| C-248/UPX | KY-12/UPX | CONFIDENTIAL | C-255/APS-3 | AN/APS-3 | | C-268/ARC-19 | AN/ARC-19 | CONFIDENTIAL | | |
| AUDIO DECODER CONTROL BOX: CONTROLS THE FOLLOWING FUNCTIONS OF AUDIO DECODER RANGE UNIT KY-12/UPX: WIDTH OF STROBE, AMPLITUDE OF STROBE, LOCATION OF STROBE, & PULSE WIDTH DISCRIMINATION. ALSO INCLUDES JACK FOR HEADSET OR LOUD-SPEAKER AT WHICH OUTPUT IS DELIVERED. 1/26/45 JAN. 45 | | | CONTROL UNIT FOR REPEATER INDICATOR ID-114/APS-3. INCLUDES KNOB TYPE POTENTIOMETERS FOR BRILLIANCE AND FOCUSING ADJUSTMENTS EQUIPPED WITH MARKED CONTROL KNOBS & CONNECTOR, TOGETHER WITH A DETACHABLE 2 1/4" CONSOLE TYPE CONTROL 2/3/45 FEB. 45 | | | CONSOLE CONTROL UNIT: DIMENSIONS 6 X 4 1/2 X 5. WEIGHT 3 LBS. FITS CONSOLE CONTROL PANEL. PERMITS OPERATION ON GUARD FREQUENCY AND/OR ANY OF 9 PREDETERMINED MAIN FREQUENCIES. HAS 9-POSITION ROTARY SWITCH FOR MAIN FREQUENCY SELECTION, 3-POSITION MAIN-BOTH-2/26/45 FEB. 45 | | | | |
| C-248/UPX | | | C-255/APS-3 | | | C-268/ARC-19 | | | | |
| SIZE APPROX: 3" X 3" X 6". | | | PANEL BOX APPROX: 3 1/2" LONG X 2" WIDE X 1 3/4" DEEP. OVERALL DEPTH IS 3 1/2". USED WITH REPEATER INDICATOR ID-114/APS-3. | | | GUARD SWITCH, AN RECEPTACLES FOR CONNECTION TO TRANSMITTER-RECEIVER RT-96/ARC-19, AND INTERNAL CONNECTIONS FOR SELECTING THE 9 MAIN FREQUENCIES. | | | | |
| C-250/UPX | GEN. USE | | C-263/APX-7 | AN/APX-7 | | C-269/ASG-10B | AN/ASG-10 | SPEC: EP-282 | | |
| CHALLENGE CONTROL BOX: CONFIDENTIAL. CONTROLS CHALLENGING FUNCTION OF INTERROGATOR - RESPONDER. INCLUDES MODE SWITCH FOR SELECTING IFF, PI AND PL1 WITH PILOT LIGHTS FOR EACH POSITION & CHALLENGE SWITCH FOR CONTROLLING ACTION OF INTERROGATOR RESPONDER. SIMILAR TO 1/26/45 JAN. 45 | | | CONTROL BOX: SHEET METAL CONTROL BOX INCLUDING SWITCH FOR TWO SPEED ROTATION SELECTION, EITHER "RIGHT" OR "LEFT", AND CENTER "STOP" POSITION. ALSO INCLUDES ANTENNA POSITION INDICATING DEVICE. USED WITH ANTENNA ASSEMBLY AS-220/APX-7. SIZE APPROX: 2/13/45 APR. 45A | | | CONTROL BOX: CONFIDENTIAL. CONTROL BOX (SURFACE MOUNTING) FOR USE BY PILOT IN CONTROL AND ADJUSTMENT OF COMPUTING SET AN/ASG-10B. CONSISTS OF NECESSARY CONTROLS AND SWITCHES. WEIGHT: 12 OZ. PART OF AN/ASG-10B. FUNCTIONALLY INTERCHANGEABLE WITH C-270/ASG-10. 2/23/45 CMX: FEB. 45 | | | | |
| C-250/UPX | | | C-263/APX-7 | | | C-270/ASG-10B | AN/ASG-10 | SPEC: EP-282 | | |
| CHALLENGE CONTROL BOX C-249/UPX EXCEPT DOES NOT INCLUDE IFF GAIN CONTROL. SIZE APPROX: 3" X 3" X 6". | | | 3" X 5" X 3". WT. APPROX 1 1/2 LBS. BRITISH REF. NO. 110LB/61. | | | CONTROL BOX: CONFIDENTIAL. CONTROL BOX (CONSOLE MOUNTING) FOR USE BY PILOT IN CONTROL AND ADJUSTMENT OF COMPUTING SET AN/ASG-10B. CONSISTS OF NECESSARY CONTROLS AND SWITCHES. WEIGHT: 12 OZ. PART OF AN/ASG-10B. FUNCTIONALLY INTERCHANGEABLE WITH C-269/ASG-10. 2/23/45 CMX: FEB. 45 | | | | |
| C-251/UPX | GEN. USE | | C-266/ARC-19 | AN/ARC-19 | CONFIDENTIAL | C-280/APG-17 | AN/APG-17 | CONFIDENTIAL | | |
| CHALLENGE CONTROL BOX: CONFIDENTIAL. CONTROLS CHALLENGING FUNCTION OF INTERROGATOR - RESPONDER. INCLUDES IFF GAIN CONTROL FOR ASSOC. COORDINATOR AND MODE SWITCH FOR SELECTING IFF, PI, PL1 WITH PILOT LIGHTS FOR EACH POSITION. SIMILAR TO CHALLENGE CONTROL BOX C-249/UPX 1/26/45 JAN. 45 | | | CONTROL UNIT: DIMENSIONS 5 7/8" X 5 3/4" X 3 1/2". WEIGHT 3 LBS. FITS MOUNTING PLATE SIG. CORPS. TYPE FT-240A W.E. CO. TYPE. ARC-6831. PERMITS OPERATION ON GUARD FREQUENCY AND/OR ANY OF 875 MAIN FREQUENCIES. HAS 3 ROTARY SWITCHES (11-POS, 2/26/45 CMX: FEB. 45 | | | CONTROL UNIT: PROVIDES MASTER ON-OFF SWITCH, ON-OFF INDICATOR LIGHT, RANGE LEAD CONTROL, SAFETY SWITCH, AND PILOT WARNING INDICATOR LIGHT. HOUSED IN A STANDARD "AN" CASE. WT. 1 LB. | | | | |
| | | | | | | 3/14/45 MAR. 45 | | | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

CONFIDENTIAL

NAVSHIPS 900,109

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

C-282/APS-19 AN/APS-19 948AC
 CONTROL BOX: CONFIDENTIAL
 INCLUDES TUNING AND FUNCTION SELECTING CONTROLS; 3 TOGGLE SWITCHES, ONE FOR RADAR OR BEACON, ONE FOR TRANSMITTER "ON" OR "STANDBY", AND ONE FOR FAST OR SLOW SCAN; A FOCUS AND BRILLIANCE CONTROL AND OVERHEAT INDICATOR, A SWITCHING 3/23/45 CS:
 MAR. 45

UNIT WHICH SELECTS BEACON. C-282/APS-19 SEA SEARCH AND COMBINED AIR SEARCH AND INTERCEPT AT VARIOUS RANGES; SEA SEARCH IS INDICATED IN 100-50-5 NAUTICAL MILES. BEACON IN 125-50-5 NAUTICAL MILES AND INTERCEPT IN 10-5-2 NAUTICAL MILES OF WHICH THE 10-5 MILE RANGE IS USED FOR AIR SEARCH AND THE 2 MILE FOR INTERCEPT. DIMENSIONS 4 5/16" X 5 1/16" X 6".

C-283/APA-16-T1 CONFIDENTIAL
 THYRATRON CONTROL UNIT:
 CONTROLS SPEED OF BOMBER SIMULATOR SM-17/APA-16-T1 BY MEANS OF THYRATRON TUBE VOLTAGE CONTROL OF MOTOR SPEED. INCLUDES SELSYN TRANSMITTER, MOTOR BRAKING RELAY & "BOMB RELEASE" RELAY. INPUT FROM JUNCTION BOX J-161/APA-16-T1, 115V/60 3/26/45 CAOM: #9
 MAR. 45

C-283/APA-16-T1
 CYCLES. SIZE OF UNIT. 8" X 17" X 9". WT. 15 LBS.

C-284/APS-6-T3 CONFIDENTIAL
 CONTROL PANEL:
 CONTROL PANEL CONSISTING OF FOUR SETS OF POTENTIOMETERS, AND ASSOCIATED DIALS FOR CONTROLLING, INDICATING AND TRANSMITTING INFORMATION (DETERMINED BY THE INSTRUCTOR) AS TO TARGET AZIMUTH, ELEVATION, SLANT RANGE AND FIGHTER'S ALTITUDE 4/2/45 CATY: CATY:
 APR. 45

C-284/APS-6-T3
 TO SIGNAL SIMULATOR SM-6/APS-6-T1; A SELSYN TRANSMITS INFORMATION ON FIGHTER'S BANK TO SIGNAL SIMULATOR. CONTROL PANEL HAS ATTACHED TO IT THE MAIN SUPPORTING BENCH FOR AN/APS-6 RADAR EQUIPMENT, JUNCTION BOX J-160/APS-6-T3 AND SIGNAL SIMULATOR SM-6/APS-6-T1.

C-285/A RESTRICTED
 CONTROL BOX:
 CONTROL BOX MOUNTED IN COCKPIT OF VT, VT, OR YSB AIRCRAFT. USED FOR CONTROLLING SPEED, STARTING AND STOPPING OF TAPE PULLER PU-91/A. CONSISTS OF: RHEOSTAT, OFF-ON SWITCH, FUSE, SPARE FUSE, SPEED CONTROL DIAL AND INDICATING LIGHT. 3/24/45 X4-81-1
 MAR. 45

C-285/A
 INDICATING LIGHT GOES ON AND OFF AS EACH PACKAGE OF "WINDOW" IS EJECTED. SIZE: 4 3/4" X 6" X 3 1/2". WEIGHT: 1 LB. PART OF MX-356/A WINDOW DISPENSER. COLUMBIA AIRCRAFT CORP. NOs 5461. NOs 6192.

C-287/APS-20 AN/APS-20 RESTRICTED
 SENSITIVITY TIME CONTROL:
 USED TO VARY IF GAIN OF RECEIVER R-142/APS-20 AS A FUNCTION OF TIME. THIS WILL DECREASE RECEIVER GAIN AT CLOSE RANGES. CONTROL CONSISTS OF A CLAMPING CIRCUIT TRIGGERED BY THE MODULATOR TRIGGER AND DRIVING A CATHODE FOLLOWER. 3/31/45 CAEV: CAEV:
 APR. 45

C-287/APS-20
 HAS SENSITIVITY CONSTANT CONTROL SWITCH. RECEIVES POWER FROM RECTIFIER TIMING CENTRAL TD-3/APS-20 AND FROM RECEIVER R-142/APS-20. SIZE 3" X 3" X 6". WT., 4 LBS. PART OF AN/APS-20.

C-289/APS-31 AN/APS-31 CONFIDENTIAL
 CONTROL UNIT:
 PROVIDES OPERATING CONTROLS FOR AN AN/APS-31 OR AN/APS-33 SYSTEM. HAS CONTROLS FOR POWER, GAIN, TUNING, GYROSCOPE CAGING, RELATIVE-TRUE BEARING, ANTENNA TILT, AZIMUTH MARKER, VARIOUS SWEEP DELAYS, ANTENNA SCAN AND SPEED, RANGE. 4/3/45 CPR: CPR:5LO-1548
 APR. 45A 948A

C-289/APS-31
 PULSE LENGTH, AND ANTI-CLUTTER, AND METER FOR LINE VOLTAGE, MAGNETRON AND CRYSTAL CURRENTS. WILL MOUNT BY SNAP SLIDES ON MOUNTING PLATE MT-444/APS-31. SIZE: APPROX. 12-1/8 X 10-1/2 X 4-7/8. WT. APPROX. 10 LBS.

C-290/APS-32 AN/APS-32 CONFIDENTIAL
 CONTROL UNIT:
 PROVIDES OPERATING CONTROLS FOR AN/APS-32 OR AN/APS-34 SYSTEM. HAS CONTROLS FOR POWER, GAIN TUNING, GYROSCOPE CAGING, RELATIVE-TRUE BEARING, ANTENNA TILT, AZIMUTH MARKER, VARIOUS SWEEP DELAYS, ANTENNA SCAN AND SPEED, RANGE. 4/3/45 CPR: CPR:
 APR. 45A 948A

C-290/APS-32
 PULSE LENGTH; AND HAS A METER FOR LINE VOLTAGE, MAGNETRON AND CRYSTAL CURRENTS; AND HAS A LIGHT FOR USE WHEN MANUAL TUNING. WILL MOUNT BY SNAP SLIDES ON MOUNTING PLATE MT-444/APS-31. SIZE: APPROX. 12-1/8 X 10 1/2 X 4-7/8. WT. APPROX. 10 LBS.

C-294/APS-20A AN/APS 20A CONFIDENTIAL
 CONTROL-INDICATOR UNIT:
 PROVIDES THE FOLLOWING FRONT PANEL CONTROLS: MAIN POWER ON-OFF, ANTENNA CONTROL, RECEIVER TUNING AND GAIN, ON-OFF FOR ANTI-CLUTTER CIRCUITS AND ON-OFF FOR AN ASSOCIATED RADAR RELAY TRANSMITTER. IT ALSO MOUNTS 3 INDICATORS: MAIN PPI. 4/14/45 CG:
 APR. 45

C-294/APS-20A
 DELAYED PPI AND TYPE "A" INDICATOR, EACH WITH CRT ADJUSTMENTS AND SELECTION SWITCHES FOR SWEEPS, TRIGGERS, ETC. INCLUDES SWEEP CIRCUITS AND RANGE MARKERS FOR THE TYPE "A" IND. INPUTS ARE: 120V 400-, 6.3V. AC; 28V DC; PLUS 450V; PLUS 300V (REG.) PLUS 225V AND -105V. SIMILAR TO BUT NOT INTERCHANGEABLE WITH C-217/APS-20 SINCE USES DIFFERENT CONNECTORS AND MOUNTING.

C-295/APS-20A AN/APS-20A CONFIDENTIAL
 CONTROL-METER BOX:
 MODULATOR CONTROL AND METER BOX- PROVIDES THE FOLLOWING CONTROLS: ON-OFF SWITCH FOR BLOWERS AND FILAMENTS, A PUSH BUTTON TO APPLY HIGH VOLTAGE TO THE MODULATOR MD-53/APS-20 OR MD-53A/APS-20. IT ALSO INCLUDES AC VOLTMETER FOR 120 VOLTS 4/14/45 CG:
 APR. 45

C-295/APS-20A
 AC LINE TO COMMON OF EACH OF THREE PHASES, MAGNETRON FILAMENT TRANSFORMERS PRIMARY VOLTAGE, DC VOLTMETER FOR 28 VOLTS DC AND DC MILLIAMMETER FOR MAGNETRON CURRENT AND RECTIFIER CURRENT MEASUREMENTS. SIMILAR TO C-218/APS-20 EXCEPT FOR REMOVABLE OF MODULATOR TRIGGER JACK.

C-296/ASW CONFIDENTIAL
 CONTROL-RELAY BOX:
 CONTROL-RELAY BOX SPECIFICALLY USED IN JB-2 AIRCRAFT IN CONJUNCTION WITH RADIO SET AN/ARN-3 FOR "TYING-IN" THE FOLLOWING EQUIPMENTS: AN/ARN-17, AN/APN-33, AUTOMATIC PILOT JACK & HEINTZ CORP. MODEL JH-8200, VEEDER-ROOT TYPE COUNTER 4/17/45
 APR. 45A

C-296/ASW
 JACK & HEINTZ CORP. MODEL JH-8516 & COMPASS MOTOR DRIVE UNIT. BY MEANS OF AN/ARN-17 & CONTROL-RELAY BOX THESE EQUIPMENTS ARE CONTROLLED, AN/ARN-17 BEING LOCATED OTHER THAN IN JB-2 AIRCRAFT. POWER REQUIREMENTS: 24V DC FURNISHED BY 2 DELCO 9AC IN SERIES BATTERIES LOCATED IN AIRCRAFT. SIZE: APPROX. 12" X 6" X 3". WEIGHT: APPROX. 4 LBS. USED WITH PU-95/ASW.

C-297/APS-30 AN/APS-30 CONFIDENTIAL
 CONTROL UNIT:
 PROVIDES OPERATING CONTROLS FOR AN AN/APS-30 SYSTEM. HAS CONTROLS FOR POWER GAIN, TUNING, ANTENNA TILT, AZIMUTH MARKER, VARIOUS SWEEP DELAYS, ANTENNA SCAN AND SPEED, RANGE, PULSE LENGTH, AND ANTI-CLUTTER. ALSO HAS METER FOR LINE 4/24/45
 APR. 45A 948A

C-297/APS-30
 VOLTAGE, MAGNETRON AND CRYSTAL CURRENTS. WILL MOUNT BY SNAP SLIDES ON MOUNTING PLATE MT-444/APS-31. SIZE: APPROX. 12 1/8" X 10 1/2" X 4 7/8" WT. APPROX. 10 LBS.

C-299/APN-11 AN/APN-11 CONFIDENTIAL
 CONTROL UNIT:
 CONTROL UNIT. CASE OF CAST ALUMINUM WITH BLACK CRINKLE FINISH; CONTROLS 115V AC. 24V DC INPUT FROM TRANSMITTER-RECEIVER RT-93/APN-11; SIZE 4" WIDE X 3" HIGH X 2 1/2" DEEP. WT., 1 LB. 8 OZ.; CONTRACTOR AND MFR, RCA VICTOR CORP OF RCA. 4/28/45 CRV: CRV:M438942
 APR. 45 918

C-299/APN-11
 DWG. NO. M438942; CONSISTS OF ONE THREE-POSITION SWITCH - "OFF-ONE MIN. WARMUP-ON", ONE DIMMER TYPE PILOT LIGHT AND FOUR FUSES (ONE SPARE); HAS TWO CONNECTORS AT BOTTOM OF CASE, ONE INPUT, THE OTHER FOR RT-93/APN-11 CONNECTION; UNIT IS MOUNTED ON BRACKETS. PART OF RADAR BEACON AN/APN-11.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

C-303/ARW
CONTROL UNIT: CONFIDENTIAL
CONTROL UNIT.
 ALUMINUM ALLOY MATERIAL;
 BLACK CRACKLE FINISH. USED FOR FLIGHT
 CONTROL OF JB-2. POWER INPUT: 28V DC AT
 10 AMPS. SIZE: 11" X 6" X 7". CONSISTS
 OF SWITCHES & DIAL SELECTOR; PER BUAE
 4/30/45
 MAY 45A BUAE

SPEC EP-349; INDIVID- C-303/ARW
 UALLY PACKED. USED TO INITIATE CONTROL
 OF ANY ONE OF 3 JB-2'S IN FLIGHT. ALSO
 PROVIDES OPERATING CONTROL OF TRANSMIT-
 TING EQUIPMENT FROM A CENTRAL POSITION.
 USED WITH BUT NOT PART OF JUNCTION BOX
 B-174/ARW. PANEL IS MARKED: L-RC(LFRT-
 RIGHT); TURN; DIVE; BEACON; FILAMENT-ON;
 PLATE ON; AMPLIFIER-ON; KEYED CONTINUOUS
 SELECTOR; 1.2.3.

CD-772 SIG. CORPS
CORD:
 CONSISTS OF AN INDEFINITE LENGTH OF
 CORDAGE CD-322 TERMINATED ON ONE END BY
 PLUG "CHU" TYPE 7506 AND AT THE OTHER
 END BY PLUG "CHU" TYPE 9940. LENGTH TO
 BE AS SPECIFIED.
 11/3/42 CPR:358-4637
 SEPT 43

CD-800-A SIG. CORPS
CORD:
 CONSISTS OF AN INDEFINITE LENGTH OF
 CABLE WC-549-() (NAVY TYPE CASSF-50-1)
 TERMINATED AT EACH END IN PLUG PL-259
 (NAVY TYPE -49195) AND ADAPTER M-359
 (NAVY TYPE -49192) SAME AS CD-800 EXCEPT
 ONE ADAPTER M-359 HAS BEEN ADDED AT EACH
 6/19/43 CPR:358-4354
 SEPT 43 CPR:358-4355

CD-800-A
 END FOR A RIGHT ANGLED INSTALLATION. ONE
 USED BETWEEN CODER KY-1/CPN-3 AND TRANS-
 MITTER T-8/CPN-3 AND ONE USED BETWEEN
 MONITOR ID-13/CPN-3 AND TRANSMITTER
 T-8/CPN-3.

COMPONENT INDICATOR "CG"
RF CABLES WITH FITTINGS
 INCLUDES: RADIO FREQUENCY CABLES,
 TRANSMISSION LINES,
 WAVE GUIDES,
 ETC, WITH TERMINALS.
 NOTE: SEE COMPONENT INDICATOR "RG"

CG-1/APS-3 AN/APS-3
RADIO FREQUENCY LINE: CONFIDENTIAL
 CONSISTS OF A PIECE OF 1" X 1/2" RECT-
 ANGULAR TUBING WHICH EXTENDS FROM
 ANTENNA ASSEMBLY AS-12/APS-3 TO TRANS-
 MITTER-CONVERTER RT-10/APS-3. PROVIDES
 SAME FUNCTION AS RF LINES CG-2/APS-3
 AND CG-3/APS-3 BUT HAS A DIFFERENT SHAPE.
 7/19/43 CPR:
 SEPT 43

CG-1/APS-3
 FOR INSTALLATION IN TBY-1 AIRCRAFT.

CG-2/APS-3 AN/APS-3
RADIO FREQUENCY LINE: CONFIDENTIAL
 CONSISTS OF A PIECE OF 1" X 1/2" RECT-
 ANGULAR TUBING WHICH EXTENDS FROM
 ANTENNA ASSEMBLY AS-12/APS-3 TO TRANS-
 MITTER-CONVERTER RT-10/APS-3. PROVIDES
 SAME FUNCTION AS RF LINES CG-1/APS-3
 AND CG-3/APS-3, BUT HAS A DIFFERENT
 7/19/43 CPR:
 SEPT 43

CG-2/APS-3
 SHAPE. FOR INSTALLATION IN PV-2 AIR-
 CRAFT.

CG-3/APS-3 AN/APS-3
RADIO FREQUENCY LINE: CONFIDENTIAL
 CONSISTS OF A PIECE OF 1" X 1/2" RECT-
 ANGULAR TUBING WHICH EXTENDS FROM
 ANTENNA ASSEMBLY AS-12/APS-3 TO TRANS-
 MITTER-CONVERTER RT-10/APS-3. PROVIDES
 SAME FUNCTION AS RF LINES CG-1/APS-3
 AND CG-2/APS-3 BUT HAS A DIFFERENT
 7/19/43 CPR:
 SEPT 43

CG-3/APS-3
 SHAPE. FOR INSTALLATION IN TBF AND TBM
 AIRCRAFT.

CG-36/APS-3 AN/APS-3
RADIO FREQUENCY LINE: CONFIDENTIAL
 CONSISTS OF RECTANGULAR WAVE GUIDE
 0.505" X 1.005" WITH CHOKE AND COUPLING
 FLANGES OVERALL LENGTH 4.875". FOR IN-
 STALLATION ON PBN, PBY-6, PBJ, PBV AND
 A-30-C AIRCRAFT.
 10/15/43 CS: CPR:358-7336
 DEC. 43 CPR:358-7336 REV 0

CG-37/APS-3 AN/APS-3
RADIO FREQUENCY LINE: CONFIDENTIAL
 CONSISTS OF RECTANGULAR WAVE GUIDE
 0.505" X 1.005" WITH CHOKE AND COUPLING
 FLANGES. OVERALL LENGTH 10". FOR INSTAL-
 LATION ON A30 AIRCRAFT.
 CANCELLED
 10/15/43 CS: CPR:358-7377 CPR:358-7336
 DEC. 43

CG-40/TPS-1 (6"-*) AN/TPS-1
CORD:
 A SINGLE CONDUCTOR COAXIAL CABLE, LENGTH
 AS SPECIFIED, NO. 16 O.D. 0.495" MADE UP
 OF 19 STRANDS 0.0017" WIRE, SHIELDED.
 OVER INNER CONDUCTOR 0.015" WALL CONDUCT-
 ING RUBBER; 0.094" WALL INSULATING,
 RUBBER; A SECOND 0.015" WALL CONDUCTING,
 8/1/44 CW:D-164189 CW:B-4105041-11
 JAN. 45

CG-40/TPS-1 (6"-*)
 RUBBER; COPPER SHIELD AND NEOPRENE
 JACKET. CORD IS MADE UP OF RF CABLE
 RG-64/U AND SPECIAL W. E. CO. CONNECTORS
 AT EACH END.

CG-40/TPS-1 (12"-*) AN/TPS-1
CORD:
 SINGLE CONDUCTOR COAXIAL CABLE, LENGTH AS
 SPECIFIED, NO. 16 O.D. 0.495" MADE UP OF
 19 STRANDS 0.0017" WIRE, SHIELDED. OVER
 INNER CONDUCTOR, 0.015" WALL CONDUCTING
 RUBBER; 0.094" WALL INSULATING RUBBER. A
 SECOND 0.015" WALL CONDUCTING RUBBER;
 8/1/44 CW:D-164189 CW:B-415041-11
 JAN. 45

CG-40/TPS-1 (12"-*)
 COPPER SHIELD AND NEOPRENE JACKET. CORD
 IS MADE UP OF RF CABLE RG-64/U AND
 SPECIAL W. E. CO. CONNECTORS AT EACH END.

CG-55/U(-*-*)
CORD:
 CONSISTS OF A LENGTH (LENGTH TO BE
 SPECIFIED) OF RADIO FREQUENCY CABLE
 RG-8/U EQUIPPED WITH 2 RADIO FREQUENCY
 PLUG UG-21/U. PART OF RADIO FREQUENCY WATT-
 METER TS-70/AP, TS-87/AP AND TS-173/UR.
 11/13/44
 MAY 45 930C

CG-56/U(-*-*)
CORD:
 AN ADAPTER CORD CONSISTING OF AN INDEFI-
 NITE LENGTH (LENGTH TO BE SPECIFIED)
 OF RADIO FREQUENCY CABLE RG-8/U EQUIPPED
 WITH RADIO FREQUENCY JACK UG-23/U ON ONE
 END AND PLUG PL-259 ON THE OTHER END.
 PART OF RADIO FREQUENCY WATTMETER
 2/18/44
 MAY 45 930C

CG-56/U(-*-*)
 TS-87/AP AND TS-173/UR.

CG-72/U GENERAL USE
COAXIAL CABLE:
 COAXIAL PATCHING CORD - CONSISTS OF 10
 FT. OF COAXIAL RADIO FREQUENCY CABLE
 RG-8/U. INSULATED, SHIELDED,
 AND NEOPRENE JACKETED WITH A CW:D-166393
 PLUG ON EACH END. TO BE USED WITH THE
 TS-34/AP OSCILLOSCOPE AS A PATCH CORD
 2/24/44 CW: CW:B-410448-1
 MAY 44

CG-72/U
 FOR SIGNAL INPUT JACK AND EXTERNAL SYNC.
 JACK TO EQUIPMENT BEING TESTED WHERE
 SUCH EQUIPMENT IS PROVIDED WITH SUITABLE
 JACKS TO FIT D-166393 PLUGS. PART OF:
 OSCILLOSCOPE TS-34/AP.

CG-87/U GENERAL USE
SLOTTED SECTION: CONFIDENTIAL
 SLOTTED WAVEGUIDE SECTION & PROBE AS-
 SEMBLY - CONSIST OF SLOTTED SECTION OF
 RADIO FREQUENCY LINE RG-52/U TERMINATED
 AT ONE END WITH CHOKE FLANGE AND OTHER
 END WITH CHOKE COUPLING AND A GEAR DRIVE
 PROBE ASSEMBLY WITH CRYSTAL AND HOLDER
 3/15/44 CPK: CPK:43-5382
 MAY 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CG-124/APS-15A AN/APS-15A
 WAVE SELECTOR: CONFIDENTIAL
 CONSISTS OF A SLIGHTLY BENT PIECE OF WAVE GUIDE 1" X 1/2", TERMINATED IN SUITABLE COUPLING FLANGES AND COUPLED THROUGH TWO SMALL HOLES TO A SMALL WAVE GUIDE CAVITY. ATTENUATION FROM PRIMARY GUIDE TO OUTPUT PLUG OF SMALL WAVE GUIDE
 5/12/44 CAPL: CPR:5L0-1404
 JAN. 45

CG-163/U(-"-)
 GUIDE FLANGE FACE TO FLANGE FACE, TO BE SPECIFIED. EACH PLAIN FLANGE END MATES WITH A UG-116/U CHOKE FLANGE.

CG-167/U(-"-)
 MATES WITH A 2" X 1" CHOKE FLANGE.

CG-124/APS-15A
 CAVITY IS 20 DB ±1.5 DB. USED WHERE A SMALL AMOUNT OF R.F. ENERGY IS REQUIRED. USED IN INSTALLATIONS IN TYPE B AIRCRAFT. SIMILAR TO CG-116/APS-15 IN FUNCTION EXCEPT DESIGNED FOR TYPE B AIRCRAFT INSTEAD OF TYPE C, D AND E. OVERALL LENGTH 16.149". WT. 1.3 LBS.

CG-164/U(-"-) GEN USE
 TRANSMISSION LINE: CONFIDENTIAL
 A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE .900" X .400". A SYNTHETIC RUBBER JACKET COVERS THE WAVE GUIDE AND PERMITS PRESSURIZATION. THE LENGTH OF
 6/30/44
 JULY 44

CG-168/U(-"-) GEN USE
 TRANSMISSION LINE: CONFIDENTIAL
 A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE 1.872" X .872". A SYNTHETIC RUBBER JACKET COVERS THE WAVE GUIDE AND PERMITS PRESSURIZATION. THE LENGTH OF
 6/30/44
 JULY 44

CG-141/U GENERAL USE
 TRANSMISSION LINE:
 RADIO FREQUENCY CABLE ASSEMBLY CONSISTING OF 6 FEET OF RG-25/U CABLE AND TWO TYPE UG-34/U CONNECTORS. TO BE USED AS A HIGH VOLTAGE PULSE CABLE FOR BENCH TESTING OF AN/APS-3 AND AN/APS-6A RADAR.
 6/9/44
 OCT. 44

CG-164/U(-"-)
 THE GUIDE, FLANGE FACE TO FLANGE FACE, TO BE SPECIFIED. EACH PLAIN FLANGE END MATES WITH A UG-40/U CHOKE FLANGE.

CG-168/U(-"-)
 THE GUIDE, FLANGE FACE TO FLANGE FACE, TO BE SPECIFIED. EACH PLAIN FLANGE END MATES WITH A 2" X 1" CHOKE FLANGE.

CG-150/U AN/AM-3.3A RESTRICTED CORD:
 CABLE ASSEMBLY: CONSISTING OF 6 FT. OF RG-55/U R.F. CABLE EQUIPPED WITH #159 ZIERICK TERMINAL ON ONE END AND A UG-85/U R.F. PLUG, OR EQUIVALENT, AT OTHER END. ATTACHED TO MAIN LEAD IS A 3 1/2" LEAD ALSO EQUIPPED WITH A #159 ZIERICK TER-
 6/22/44 CM: CM:80-29377-1
 JUN. 44

CG-165/U(-"-) GEN USE
 TRANSMISSION LINE: CONFIDENTIAL
 A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE 1.122" X .497". THE LENGTH OF THE GUIDE, FLANGE FACE TO FLANGE FACE, TO BE SPECIFIED. EACH PLAIN FLANGE
 6/30/44
 JULY 44

CG-169/U(-"-) GEN USE
 TRANSMISSION LINE: CONFIDENTIAL
 A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE 2.840" X 1.340". THE LENGTH OF THE GUIDE, FLANGE TO FLANGE, TO BE SPECIFIED. EACH PLAIN FLANGE END MATES
 6/30/44
 JULY 44

CG-150/U
 MINAL TO FORM A Y CONNECTION. CABLE ASSEMBLY IS PART OF TS-76/AM-3. USED TO CONNECT XTAL CURRENT JACK ON AN/APS-4 TO 0-1 MILLIAMETER FOR MEASURING MAGNETRON AND MODULATOR CURRENTS. PROCURED ON HXsa 32197 CONTRACT WITH WESTERN ELECTRIC CO., NEW YORK, N.Y.

CG-165/U(-"-)
 END MATES WITH A UG-40/U CHOKE FLANGE.

CG-169/U(-"-)
 WITH A UG-66/U CONTACT COUPLING.

CG-162/U(-"-) GEN USE
 TRANSMISSION LINE: CONFIDENTIAL
 A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE .420" X .170". THE LENGTH OF THE GUIDE, FLANGE FACE TO FLANGE FACE, TO BE SPECIFIED. EACH PLAIN FLANGE END
 6/30/44
 JULY 44

CG-166/U(-"-) GEN USE
 TRANSMISSION LINE: CONFIDENTIAL
 A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE 1.122" X .497". A SYNTHETIC RUBBER JACKET COVERS THE WAVE GUIDE AND PERMITS PRESSURIZATION. THE LENGTH OF THE
 6/30/44
 JULY 44

CG-170/U(-"-) GEN USE
 TRANSMISSION LINE: CONFIDENTIAL
 A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE 2.840" X 1.340". A SYNTHETIC RUBBER JACKET COVERS THE WAVE GUIDE AND PERMITS PRESSURIZATION. THE LENGTH
 6/30/44
 JULY 44

CG-162/U(-"-)
 MATES WITH A UG-116/U CHOKE FLANGE.

CG-166/U(-"-)
 GUIDE, FLANGE FACE TO FLANGE FACE, TO BE SPECIFIED. EACH PLAIN FLANGE END MATES WITH A UG-40/U CHOKE FLANGE.

CG-170/U(-"-)
 OF THE GUIDE, FLANGE TO FLANGE, TO BE SPECIFIED. EACH PLAIN FLANGE END MATES WITH A UG-66/U CONTACT COUPLING.

CG-163/U(-"-) GEN USE
 TRANSMISSION LINE: CONFIDENTIAL
 A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE .420" X .170". A SYNTHETIC RUBBER JACKET COVERS THE WAVE GUIDE AND PERMITS PRESSURIZATION. THE LENGTH OF THE
 6/30/44
 JULY 44

CG-167/U(-"-) GEN USE
 TRANSMISSION LINE: CONFIDENTIAL
 A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE 1.872" X .872". THE LENGTH OF THE GUIDE, FLANGE FACE TO FLANGE FACE, TO BE SPECIFIED. EACH PLAIN FLANGE END
 6/30/44
 JULY 44

CG-174/APS-3A AN/APS-3A
 TRANSMISSION LINE: CONFIDENTIAL
 TRANSMISSION LINE, DOUBLE BEND. CONSISTING OF RG-52/U TERMINATED AT EACH END IN A FLANGE (PHILCO PART NO. 258-8842). ALSO INCLUDES FLEXIBLE CORRUGATED TRANSMISSION LINE 3 1/2" LONG, DESIGNED FOR PRESSURIZATION. DESIGNED FOR INSTALLATION
 7/5/44 CPR: CPR:756-1371
 JULY 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|---|--------------------|-------------------------------|--|--------------------|-------------------------------|
| CG-174/APS-3A | | | CG-179/U(---) | | | CG-186/TPS-1B(3'---) | | |
| IN "AIRCRAFT A". | | | MATES WITH A UG-40/U CHOKE FLANGE. | | | MUST BE SPECIFIED IF DESIRED. | | |
| CG-175/APS-3A AN/APS-3A | | | CG-181/APH-40 AN/APH-40 | | | CG-186/TPS-1B(6'---) AN/TPS-1B | | |
| TRANSMISSION LINE: CONFIDENTIAL TRANSMISSION LINE CONSISTING OF A SHORT PIECE OF RG-52/U TERMINATED AT EACH END IN A FLANGE (PHILCO PART NO. 258-8842). INCLUDES A SHORT PIECE 3 1/2". OF FLEXIBLE CORRUGATED TRANSMISSION LINE DE- SIGNATED FOR PRESSURIZATION. DESIGNED FOR 7/5/44 CPR: CPR:756-1374 JULY 44 | | | TRANSMISSION LINE: FLEXIBLE WAVE GUIDE - CONSISTING OF 18" FLEXIBLE WAVE GUIDE (TITEFLEX GUIDE) EQUIPPED WITH SPECIAL FLANGE ON ONE END AND A SPECIAL CHOKE ON OTHER END. CON- NECTS ANTENNA TO TRANSMITTER UNIT. DE- SIGNATED AS CABLE NO. 20 OF 7/9/44 CAY: CAY:P7711757 AUG. 44 | | | TRANSMISSION LINE: CONSISTS OF RF CABLE RG-8/U LENGTH AS SPECIFIED, WITH NAVY TYPE 49195 (ARMY TYPE PL-259-A) CONNECTOR AND NAVY TYPE 49192 ELBOW AT EACH END. AMPHENOL 83-1BC CAP AND CHAIN MAY BE USED ON EACH END, BUT ARE NOT INCLUDED AND MUST BE 8/1/44 CW:BA-409427 CW: NOV. 44 BA-409427-2 | | |
| CG-175/APS-3A | | | CG-181/APH-40 | | | CG-186/TPS-1B(6'---) | | |
| INSTALLATION IN "AIRCRAFT E" LENGTH 6-281". | | | AN/APH-40 BENCH TEST EQUIPMENT WHEN TEST- ING AN/APS-6. PART OF AN/APH-40. FIRST PROCURED FROM WESTING- HOUSE ELEC. & MFG. CO. CONTRACT NO. NX8849664. | | | SPECIFIED IF DESIRED. | | |
| CG-176/AP GEN USE | | | CG-182/APH-40 AN/APH-40 | | | CG-187/TPS-1B AN/TPS-1B | | |
| DIRECTIONAL COUPLER: CONFIDENTIAL CONSISTING OF A 5" LENGTH OF WAVE GUIDE RG-52/U TO WHICH IS ATTACHED A PRESSU- RIZED PROBE. WAVE GUIDE SECTION EQUIPPED WITH TWO UG-40/U CHOKE COUPLINGS AND A UG-25/U R.F. JACK. ALSO PROVIDED ARE TWO UG-39/U COVER PLATES USED IN CHOKE 7/1/44 CS: CS:5660248 AUG. 44 | | | TRANSMISSION LINE: FLEXIBLE WAVE GUIDE - CONSISTS OF 18" OF FLEXIBLE WAVE GUIDE (TITEFLEX GUIDE) EQUIPPED WITH A UG-39/U AND A UG-40/U CHOKE. CONNECTS ANTENNA TO TRANSMITTER UNIT. DESIGNATED AS CABLE NO. 19 OF AN/APH-40 BENCH TEST EQUIP- 7/9/44 CAY: CAY:M7414557 OCT. 44 CYE: | | | TRANSMISSION LINE: CONSISTS OF RF CABLE RG-8/U 3' LONG. RF JACK UG-14/U AT ONE END. RF PLUG UG-12/U AT THE OTHER END. ONE END IS PROVIDED WITH AN AMPHENOL 83-1AC CAP AND CHAIN AND THE OTHER END IS PROVIDED WITH AN AMPHENOL 83-1BC CAP AND CHAIN. 8/1/44 AUG. 44 | | |
| CG-176/AP | | | CG-182/APH-40 | | | CG-188/TPS-1B AN/TPS-1B | | |
| JOINTS. THE PROBE TAP IS ABOUT 20 db DOWN FROM MAIN WAVE GUIDE POWER LEVEL WITH DISCRIMINATION OF 15 db. PURPOSE: COUPLING UNIT TO MEASURE POWER OF Xa BAND EQUIPMENT. MAY BE CONNECTED BETWEEN ANTENNA AND TRANSMITTER OR AT END OF ANTENNA INTO FREE SPACE. MFG. PER N.I.T. DWG: B-1072-A. | | | MENT WHEN TESTING AN/APS-6A EQUIP- MENT. PART OF AN/APH-40. FIRST PROCURED ON WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8849664 AND ENGINEERING AND RESEARCH CORP. CONTRACT NO88-4307. | | | TRANSMISSION LINE: CONSISTS OF RF CABLE RG-8/U 3' LONG WITH RF PLUG UG-12/U AT EACH END. AN AMPHENOL 83-1BC CAP AND CHAIN IS PROVIDED AT EACH END. 8/1/44 CW: CW:B-415041-2 AUG. 44 | | |
| CG-177/U(---6") | | | CG-185/APH-40 AN/APH-40 | | | CG-189/TPS-1B AN/TPS-1B | | |
| CORD: CABLE ASSEMBLY - CONSISTS OF A LENGTH TO BE SPECIFIED OF RADIO FREQUENCY CABLE RG-59/U TERMINATED AT ONE END WITH NAVY TYPE 49194 CONNECTOR AND NAVY TYPE 49193 RECEPTACLE HOOD AND TERMINATED AT THE OTHER END WITH AMPHENOL TYPE 80-81 CON- 7/3/44 NOV. 44 | | | TRANSMISSION LINE: CORD - CONSISTING OF 37 FEET OF RG-15/U CABLE FITTED WITH UG-24/U PLUGS. CONNECTS TRANSMITTER CONVERTER UNIT TO RECEIVER AMPLIFIER UNIT. DESIG- NATED AS CABLE NO. 15 OF RADAR TEST AS- SEMBLY AN/APH-40 BENCH TEST EQUIPMENT 7/9/44 CAY: CAY:P7713359 JULY 44 | | | TRANSMISSION LINE: CONSISTS OF RF CABLE RG-8/U, 5' 3" LONG WITH RF PLUG UG-12/U AT EACH END AND AMPHENOL 83-1BC CAP AND CHAIN AT ONE END. 8/1/44 CW: CW:B-415041-1 AUG. 44 | | |
| CG-177/U(---6") | | | CG-185/APH-40 | | | CG-226/U(---) GEN USE | | |
| NECTOR. PART OF MK-30/AP. USED WITH TS-102/AP. | | | WHEN TESTING AN/APS-6. 6A EQUIPMENT. PART OF RADAR TEST ASSEMBLY AN/APH-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. ON CONTRACT NO. NX88 49664. | | | TRANSMISSION LINE: FLEXIBLE WAVE GUIDE ASSEMBLY. NOMINAL GUIDE SIZE 3" X 1 1/2". CONSISTS OF A LENGTH OF GUIDE SPECIFIED IN FT. & INCHES WITH A UG-53/U AT ONE END AND A UG-54/U AT OTHER END. DOES NOT HAVE A SYNTHETIC RUBBER JACKET. 2/10/45 TITEFLEX FEB. 45 B-48004 | | |
| CG-179/U(---) GEN USE | | | CG-186/TPS-1B(3'---) AN/TPS-1B | | | CG-250/APS-15A AN/APS-15A | | |
| TRANSMISSION LINE: CONFIDENTIAL A SECTION OF FLEXIBLE WAVE GUIDE WITH PLAIN FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DI- MENSIONS ARE .900 X .400. THE LENGTH OF THE GUIDE, FLANGE FACE TO FLANGE FACE TO BE SPECIFIED. EACH PLAIN FLANGE END 7/11/44 JULY 44 | | | TRANSMISSION LINE: CONSISTS OF RF CABLE RG-8/U LENGTH AS SPECIFIED, WITH NAVY TYPE 49195 (ARMY TYPE PL-259-A) CONNECTOR AND NAVY TYPE 49192 ELBOW AT EACH END. AMPHENOL 83-1BC CAP AND CHAIN MAY BE USED ON EACH END OF THIS CORD BUT ARE NOT INCLUDED AND 8/1/44 CW:B-415041-3 CW: NOV. 44 | | | TRANSMISSION LINE: INTERCONNECTING RF LINE 90° TWIST, 1" X 1/2". TERMINATED WITH SUITABLE COUPLING FLANGES PROVIDED WITH A PRESSURIZING VALVE. USED FOR "AIRCRAFT B" INSTAL- LATIONS OF AN/APS-15 SIZE APPROX: 4.995" LONG X 4" HIGH (INCLUDING SPACE REQUIRED 10/5/44 JAN. 45 | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|---|-----------------------|--------------------|---|
| | | CG-250/APS-15A TO REMOVE VALVE COVER). | | | CG-262/U(10"-") PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO. NO LONGER TO BE PROCURED. USE CG-99/AP(---") | | | CG-266/U(1"-6 1/2") (LENGTH AS SPECIFIED) WITH A COUPLING AT ONE END TO CONNECT TO TS-130/UP AND ARRANGEMENTS AT THE OTHER END TO ENTER THE RADAR TRANSMISSION LINE IN PLACE OF THE MAGNETRON. FIRST PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO. |
| | | CG-251/APS-15A AN/APS-16A TRANSMISSION LINE: CONFIDENTIAL J SECTION RF LINE 1" X 1/2" TERMINATED BY SUITABLE COUPLING FLANGES. USED FOR "AIRCRAFT B" INSTALLATIONS OF AN/APS-15 EQUIPMENT. LENGTH APPROX 25 1/8" X 5 1/2" HIGH. 10/5/44 JAN. 45 | | | CG-263/U(3"-8") CORD TRANSMISSION LINE USED ON MK 20 AND MOD. 0 AND MOD. 1. CARRIES VOLTAGES FROM THE IF UNITS OF THE RADAR TO THE PRECISION MODEL 856 VOLTMETER. CONSISTS OF A LENGTH (AS SPECIFIED) OF RF CABLE RG-8/U WITH -49190 CONNECTOR ON ONE END AND 10/19/44 CM:BL-433603 CM: NOV. 44 | | | CG-267/U(1"-7 3/4") CORD PROVIDES A CONNECTION FROM THE STANDING WAVE METER TS-130/UP TO THAT PORTION OF THE MARK 20 MOD. 0 RADAR COAXIAL TRANSMISSION LINE WHERE THE MAGNETRON IS CONNECTED. CONSISTS OF A 1 5/8" COAXIAL TRANSMISSION LINE LENGTH (AS SPECIFIED) 10/19/44 CM:2X-66598A CM:80-409785 NOV. 44 |
| | | CG-256/U TS-295/UP CORD CONSISTS OF 3 1/2" OF RG-5/U EQUIPPED WITH A UG-9/U AT EACH END. 10/14/44 CM:8-435494 OCT. 44 | | | CG-265/U(3"-8") TWO PHONE TIPPED 4" WIRES ON THE PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO. | | | CG-267/U(1"-7 3/4") WITH A COUPLING AT ONE END TO CONNECT TO TS-130/UP AND ARRANGEMENTS AT THE OTHER END TO ENTER THE MOD. 0 TRANSMISSION LINE IN PLACE OF THE MAGNETRON. FIRST PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO. |
| | | CG-257/U TS-295/UP CORD A 5' LENGTH OF RG-9/U R.F. CABLE EQUIPPED WITH A UG-12/U PLUG AT EACH END. 10/14/44 CM:8-435493 CM: OCT. 44 | | | CG-264/U(6"-") CORD TRANSMISSION LINE USED ON MK 20 MOD. 1. CARRIES IF SIGNALS AND RUNS FROM THE RADAR INDICATOR TO THE MODULATOR. CONSISTS OF A LENGTH (AS SPECIFIED) OF RF CABLE RG-8/U CABLE WITH -49195 CONNECTORS (RED) ON EACH END. PROCURED ON 10/19/44 CM:BA-433605 CM: NOV. 44 | | | CG-268/U(1"-6") CORD THIS CORD PROVIDES A CONNECTION FROM THE STANDING WAVE METER TO THE DIPOLES OF THE MARK 20 MOD. 0 ANTENNA. IT CONSISTS OF A COAXIAL TRANSMISSION LINE LENGTH (AS SPECIFIED) WITH 1 5/8" COUPLING ON ONE END TO FIT STANDING WAVE METER 10/20/44 CM:2X665988 CM:80-409920 NOV. 44 |
| | | CG-261/U(6"-") GEN. USE RESTRICTED CORD TRANSMISSION LINE USED ON MK 20 MOD. 0 AND MOD. 1. CARRIES L BAND SIGNALS AS A GENERAL PURPOSE PATCHING CABLE. CABLE IS 6' OF RG-8/U WITH UG-12/U CONNECTORS ON EACH END. PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO. 10/19/44 CANCELLED CM:BA-433602 OCT. 44 11/2/44 | | | CG-264/U(6"-") TRACT NO. NORD-3456 FROM W.E. CO. | | | TS-130/UP AND A CG-268/UT(6") 7/8" COUPLING ON THE OTHER END TO FIT THE ANTENNA CONNECTIONS. PROCURED ON CONTRACT NORD-3456 FROM W.E. CO. |
| | | CG-262/U(6"-") GEN. USE CORD TRANSMISSION LINE USED ON MK 20 MOD. 0 AND MOD. 1. CABLE IS A LENGTH (AS SPECIFIED) OF RF CABLE RG-8/U WITH UG-12/U CONNECTORS ON EACH END. CARRIES L BAND SIGNALS AS A GENERAL PURPOSE PATCHING CABLE. FIRST 10/19/44 CM:BA-433602-2 CM: NOV. 44 | | | CG-265/U CORD TRANSMISSION LINE USED ON MK 20 MOD. 1. CONSIST OF 6' OF RG-8/U CABLE WITH -49195 CONNECTORS (GREEN) ON EACH END. SAME AS CG-264/U EXCEPT THAT IT RUNS FROM THE RADAR INDICATOR TO THE RECEIVER AND ITS CONNECTORS ARE PAINTED GREEN. 10/19/44 CANCELLED CM:BA-433605-2 OCT. 44 11/3/44 | | | CG-286/APS-20 AN/APS-20 RESTRICTED TRANSMISSION LINE: CONDUCTS RF TRANSMITTED POWER TO ANTENNA. USED IN SERIES WITH 90 DEGREES TWIST WAVE GUIDE AND FLEXIBLE WAVE GUIDE, COMPOSED OF A SECTION OF WAVE GUIDE CONTAINING A 90 DEGREE BEND IN THE H PLANE AND A 60 DEGREE BEND IN THE E PLANE. 12/9/44 CAXX: CAXX:24-700 DEC. 44 |
| | | CG-262/U(6"-") PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO. | | | CG-265/U PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO. | | | CG-286/APS-20 HAS AN S BAND CHOKE ON EACH END. DIMENSIONS: 15" X 8" X 6". WEIGHT: 9 3/4 LBS. |
| | | CG-262/U(10"-") GEN. USE CORD TRANSMISSION LINE USED ON MK 20 MOD. 0 AND MOD. 1. CABLE IS A LENGTH AS SPECIFIED OF RF CABLE RG-8/U WITH UG-12/U CONNECTORS ON EACH END. CARRIES L BAND SIGNALS AS A GENERAL PURPOSE PATCHING CABLE. FIRST 10/19/44 CM:BA-433602 CM: NOV. 44 | | | CG-266/U(1"-6 1/2") CORD PROVIDES A CONNECTION FROM THE STANDING WAVE METER TS-130/UP TO THAT PORTION OF RADAR TRANSMISSION LINE OCCUPIED BY THE MAGNETRON ON MARK 20 MOD. 1. AN/TPS-18 AND AN/CPS-5 RADARS. IT CONSISTS OF A 1 5/8" COAXIAL TRANSMISSION LINE 10/19/44 CM:2X-66598C CM:8-409522 NOV. 44 | | | CG-287/UP AN/APS-20 RESTRICTED TRANSMISSION LINE: CONDUCTS RF TRANSMITTED POWER TO ANTENNA. USED IN SERIES WITH WAVE GUIDE AND 90 DEG. TWIST WAVE GUIDE, COMPOSED OF SPIRAL WOUND FLEXIBLE S BAND GUIDE COATED WITH NEOPRENE. HAS S BAND WAVE GUIDE FLANGES ON EACH END OF 4 FT. SECTION. DESIGNED 12/9/44 CAXX: CAXX:18-726 DEC. 44 |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CG-287/UP
FOR PRESSURIZATION. DIMENSIONS: 48" X 6" X 6". WEIGHT: 9.1 LBS.

CG-310/TPS-1B(-6 1/4")
TRANSMISSION LINE:
CONSISTS OF A LENGTH (AS SPECIFIED) OF RADIO FREQUENCY CABLE RG-55/U EQUIPPED AT ONE END WITH A NAVY TYPE 49194 JACK, HOOD UG-106/U, AND W.E. CO. TYPE BA-433561 ADAPTER. ONE END IS FREE.

CG-333/U(-"-") GEN. USE
TRANSMISSION LINE:
FLEXIBLE WAVE GUIDE ASSEMBLY. NOMINAL GUIDE SIZE 3" X 1 1/2". CONSISTS OF A LENGTH OF GUIDE SPECIFIED IN FT. & INCHES WITH A UG-53/U AT ONE END AND A UG-54/U AT OTHER END. DOES NOT HAVE A SYNTHETIC RUBBER JACKET.

CG-288/APS-20 AN/APS-20 RESTRICTED
TRANSMISSION LINE:
CONDUCTS RF TRANSMITTER POWER TO ANTENNA. USED IN SERIES WITH FLEXIBLE WAVE GUIDE AND DOUBLE-BEND WAVE GUIDE. COMPOSED OF A SECTION OF S BAND WAVE GUIDE. CONTAINING A 90 DEGREE TWIST AND HAVING A S BAND CHOKE AT EACH END. DIMENSIONS: 70" X 6" 12/9/44 CAXX: 24-698

CG-310/TPS-1B(-7 1/4")
TRANSMISSION LINE:
CONSISTS OF A LENGTH (AS SPECIFIED) OF RADIO FREQUENCY CABLE RG-55/U EQUIPPED AT ONE END WITH A NAVY TYPE 49194 JACK, HOOD UG-106/U, AND W.E. CO. TYPE BA-433561 ADAPTER. ONE END IS FREE.

CG-334/U(-"-") GEN USE
TRANSMISSION LINE:
A SECTION OF FLEXIBLE WAVE GUIDE WITH CHOKE FLANGE COUPLINGS ATTACHED TO EACH END. THE NOMINAL INSIDE WAVE GUIDE DIMENSIONS ARE 1.122 X .477. A SYNTHETIC RUBBER JACKET COVERS THE WAVE GUIDE AND PERMITS PRESSURIZATION. THE LENGTH OF

CG-288/APS-20
X 6". WEIGHT 20 LBS.

CG-310/TPS-1B(8 1/4 ") AN/TPS-1B
TRANSMISSION LINE:
CONSISTS OF A LENGTH (AS SPECIFIED) OF RADIO FREQUENCY CABLE RG-55/U EQUIPPED AT ONE END WITH A NAVY TYPE 49194 JACK, HOOD UG-106/U, AND W.E. CO. TYPE BA-433561 ADAPTER. ONE END IS FREE.

CG-334/U(-"-")
THE GUIDE. FLANGE FACE TO FLANGE FACE, TO BE SPECIFIED. EACH END MATES WITH A UG-51/U PLAIN FLANGE.

CG-307/UP AN/APS-20 CONFIDENTIAL
TRANSMISSION LINE
A RIGHT ANGLE "S" BAND WAVE GUIDE TRANSMISSION LINE USED TO CONDUCT RF ENERGY AROUND A SHARP 90° CURVE CORNER. BEND IS FORMED OF TWO 45° BENDS VERY CLOSE TOGETHER AND IS IN THE E PLANE. WAVE GUIDE IS EQUIPPED WITH CHOKE AND FLANGE

CG-311/U(-11") AN/TPS-1B
TRANSMISSION LINE:
CONSISTS OF A LENGTH (AS SPECIFIED) OF RADIO FREQUENCY CABLE RG-5/U TERMINATED AT EACH END WITH RF PLUG UG-9/U.

CG-341/APS-3A AN/APS-3A
TRANSMISSION LINE: CONFIDENTIAL
TRANSMISSION LINE CONSISTING OF A SHORT PIECE OF RG-52/U TERMINATED AT EACH END IN A FLANGE (PHILCO PART NO. 258-8842). INCLUDES A PIECE, 3 1/2" LONG, OF FLEXIBLE CORRUGATED TRANSMISSION LINE DESIGNED FOR PRESSURIZATION. DESIGNED

CG-307/UP
COUPLINGS. SIZE: 6" X 8" X 9". WEIGHT: 11 LBS. USED WITH AN/APS-20 AND CAN BE USED WITH ANY "S" BAND RADAR EQUIPMENT.

CG-311/U(2'-1") AN/TPS-1B
TRANSMISSION LINE:
CONSISTS OF A LENGTH (AS SPECIFIED) OF RADIO FREQUENCY CABLE RG-5/U TERMINATED AT EACH END WITH RF PLUG UG-9/U.

CG-341/APS-3A
FOR INSTALLATION IN AIRCRAFT D°. USED TO CONNECT AS-179/APS-3A TO RT-10A/APS-3 USING NT-92/APS-3.

CG-308/U(-3 1/2") GEN USE
TRANSMISSION LINE:
CONSISTS OF A LENGTH (AS SPECIFIED) OF RADIO FREQUENCY CABLE RG-5/U TERMINATED AT ONE END WITH PLUG UG-9/U AND AT THE OTHER END BY JACK UG-10/U.

CG-318/U GEN USE
CORD:
CONSISTS OF TWO 18 GAUGE STRANDED INSULATED WIRE TERMINATED AT ONE END WITH TWO ALLIGATOR CLIPS, AT OTHER END BY A 49195 UHF PLUG WITH A REDUCING ADAPTER THREADED INTO THE CABLE END. THE 49195 PLUG IS PERMANENTLY CONNECTED TO A 49195

CG-342/U(-"-14") AN/APS-20 RESTRICTED
TRANSMISSION LINE: RAD. LAB.
A LENGTH OF RG-48/U WAVE GUIDE TERMINATED AT ONE END IN CHOKE FLANGE UG-200/U AND OTHER END IN PLAIN FLANGE UG-214/U. LENGTH TO BE INDICATED IN NOMENCLATURE ASSIGNMENT. SIZE: 6" X 6" X 14". WT. 8 LBS.

CG-308/U(1'-9") AN/TPS-1B
TRANSMISSION LINE:
CONSISTS OF A LENGTH (AS SPECIFIED) OF RADIO FREQUENCY CABLE RG-5/U TERMINATED AT ONE END WITH PLUG UG-9/U AND AT THE OTHER END BY JACK UG-10/U.

CG-318/U
ADAPTER. USED FOR CONNECTING TS-102/AP TO RANGE UNIT FOR CALIBRATION PURPOSES.

CG-343/U(-"-") GEN. USE 930G
TRANSMISSION LINE: RESTRICTED
FLEXIBLE WAVE GUIDE ASSEMBLY. CONSISTS OF A LENGTH OF RUBBER JACKETED FLEXIBLE WAVE GUIDE WITH A UG-150/U CONTACT TYPE COUPLING AT EACH END. THE LENGTH FLANGE FACE TO FLANGE FACE IS SPECIFIED IN INCHES. NOMINAL INSIDE DIMENSIONS OF

1/5/45 CW: 24-698
JAN. 45

1/5/45 CW: 80-410918-5
JAN. 45

3/16/45 CAXX: BUAE
MAR. 45

CG-309/TPS-1B AN/TPS-1B
TRANSMISSION LINE:
CONSISTS OF A LENGTH OF RADIO FREQUENCY CABLE RG-5/U 18 INCHES LONG TERMINATED AT EACH END BY PLUG UG-9/U WHICH ARE HELD IN PLACE BY MEANS OF A RETAINING BLOCK WE CD. 80-411010-1.

CG-352/U(-"-") GEN. USE
CORD:
CORD CONSISTS OF A LENGTH TO BE SPECIFIED OF R.F. CABLE RG-58/U TERMINATED AT EACH END WITH ADAPTER UG-175/U AND NAVY TYPE RECEPTACLE 49195 OR EQUIVALENT.

CG-343/U(-"-")
GUIDE ARE 1.372 X .622.

1/4/45 CW: 80-411007-1
JAN. 45

2/22/45
FEB. 45

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CG-350/U(-"-") GEN. USE
 TRANSMISSION LINE:
 A LENGTH OF FLEXIBLE WAVE GUIDE HAVING NOMINAL INSIDE DIMENSIONS OF 2 3/4" X 3/8". EACH END HAS A WAVE GUIDE COUPLING SIMILAR TO THOSE SHOWN ON BELL LABS. DRAWING ES681080-2 AND ES681080-1. THE LENGTH FLANGE FACE TO FLANGE FACE IS 3/24/45 TITEFLEX
 MAR. 45A 930G B-49001

CG-350/U(-"-")
 SPECIFIED IN INCHES. THIS GUIDE IS INTENDED FOR USE WITH WESTERN ELECTRIC TRANSMISSION LINES COMMONLY KNOWN AS "TICKET TUBING".

CG-358/U(3"-") TS-295/UP
 CORD:
 A LENGTH OF RF CABLE RG-21/U EQUIPPED AT ONE END WITH RF PLUG UG-9/U AND AT THE OTHER END WITH RF JACK UG-11/U. LENGTH TO BE SPECIFIED.

4/18/45
 APR. 45

CG-359/U(-"-")
 CORD:
 A SINGLE CONDUCTOR COAXIAL CABLE, LENGTH AS SPECIFIED, RG-9/U WHICH IS TERMINATED AT EACH END BY RF PLUG UG-21A/U. FOR USE WITH AS-299/AP. PROCURED ON CONTRACT NXS-51503.

4/18/45 CW: CH:8A-4608
 APR. 45 ISSUE 1

CG-370/U(-"-")
 TRANSMISSION LINE:
 A FLEXIBLE WAVE GUIDE CONSISTING OF A RECTANGULAR FLEXIBLE TUBE FORMED OF WOUND METAL TAPE SOFT SOLDERED TOGETHER. TERMINATED AT ONE END WITH PLAIN FLANGE WHICH WILL MATE WITH RADIO FREQUENCY COUPLING UG-117/U AND AT THE OTHER END 5/5/45
 MAY 45 930G

CG-370/U(-"-")
 WITH A CHOKE FLANGE WHICH WILL MATE WITH RADIO FREQUENCY COUPLING UG-116/U. A RUBBER JACKET IS MOLDED OVER THE ENTIRE TRANSMISSION LINE. USED WITH BUT NOT PART OF RADIO FREQUENCY LINE RG-53/U. RG-66/U. MATERIAL: BRASS, SILVER PLATED.

CG-374/U(-"-")
 TRANSMISSION LINE:
 CABLE ASSEMBLY, RF, FLEXIBLE TYPE. LENGTH OF LINE, FLANGE-FACE TO FLANGE-FACE TO BE SPECIFIED. OUTER CONDUCTOR: WOUND, SILVER-PLATED BRASS STRIP. CONSISTS OF A LENGTH OF RECTANGULAR FLEXIBLE TUBING COVERED BY A NEO-5/23/45
 MAY 45A 930G

CG-374/U(-"-")
 PRENE JACKET, A UG-150/U FLANGE. COUPLING IS PERMANENTLY ATTACHED AT EACH END. NOMINAL INSIDE DIMENSIONS OF TUBING: 1 1/2" X 3/4". DESIGNED FOR USE WITH TRANSMISSION LINE RG-50/U.

COMPARATORS "CM"

ANALYZES OR COMPARES TWO OR MORE INPUT SIGNALS

CM-1/ASQ-2 AN/ASQ-2
 COMPARATOR: CONFIDENTIAL
 A SET BOX WHICH RECEIVES THE OUTPUT SIGNALS OF TWO DETECTING EQUIPMENT AN/ASQ-1 OR SINGLE MARK VI UNITS AND INTEGRATES THEM.

1/29/43 CLU:
 AUG. 43

CM-2/ASQ-2B AN/ASQ-2 CONFIDENTIAL
 COMPARATOR: ELECTROMIC
 COMPARATOR UNIT - FOR USE WITH AN/ASQ-2B&C INSTALLATIONS IN L.T.A. FOR THE AUTOMATIC DROPPING OF FLARES AND BOMBS. THIS UNIT RECEIVES THE OUTPUT SIGNALS FROM TWO AN/ASQ-1 OR 1A EQUIPMENT COMPARING THE SIGNALS. THE UNIT 2/24/44
 MAR. 44

CM-2/ASQ-2B
 COMBINES THE SIGNALS WITH RESPECT TO RELATIVE AND ABSOLUTE AMPLITUDE CONTROLLING THE RELEASE OF BOMBS AND FLARES. THIS UNIT IS SIMILAR TO CM-1/ASQ-2 EXCEPT THAT THE FREQUENCY RESPONSE AND TIME DELAY CIRCUITS HAVE BEEN MODIFIED TO PROVIDE FOR SLOW SPEED OPERATION IN L.T.A. INSTALLATIONS.

CM-5/APS-6-T1 AN/APS-6-T1
 ALTITUDE DIFFERENTIAL UNIT:
 ALTITUDE DIFFERENTIAL UNIT WHICH IS DRIVEN BY ALTITUDE TRANSMISSION UNIT MX-422/APS-6-T1 AND BY CONTROL UNIT LOCATED IN TABLE FN-7/APS-6-T1. TAKES THE DIFFERENCE OF ALTITUDE OF THESE TWO AND FEEDS THE TARGET SIMULATOR 1/24/45 CATY:
 JAN. 45

CM-5/APS-6-T1
SM-7/APS-6-T1. PART OF OA-1/APS-6-T1:

COMPONENT INDICATORS "CM"
 COMPENSATORS, REGULATORS

ELECTRICAL AND/OR MECHANICAL COMPENSATING OR REGULATING APPARATUS

CN-4/APA-14 AN/APA-14
 AZIMUTH DIFFERENTIAL UNIT: RESTRICTED
 CONSISTS OF A TORQUE UNIT, DIFFERENTIAL GEAR, SELSYN, & SECTOR SCAN SWITCH. THE DIFFERENTIAL GEAR IS DIRECTLY COUPLED TO THE TORQUE UNIT & SELSYN AS WELL AS AN ASSOCIATED ANTENNA ASSEMBLY #AS-17/APS OR AS-18/APS. THE DATA TRANSMITTED FROM 9/21/43 CPR:
 SEPT 43

THE SELSYN PROVIDES **CN-4/APA-14**
 COMPENSATION OF AIRCRAFT DIRECTION WITH RESPECT TO MAGNETIC NORTH. THE SECTOR SCAN SWITCH PROVIDES LIMIT CONTACTS FOR SCANNING OF A SECTOR OF ANY INTEGRAL MULTIPLE OF 30° UP TO A MAXIMUM OF 330° WHEN CONNECTED TO ASSOCIATED CONTROL UNIT THROUGH RELAY RE-5/APA-13. THE CONTACTS ARE ORIENTED SUCH THAT THE SMALLEST FORWARD SCAN WILL BE ±15°.

CN-5/APA-15 AN/APA-15
 GYRO TORQUE UNIT: RESTRICTED
 PROVIDES UP TO ±30° COMPENSATION (WITH ANTENNA TILT LIMITS) FOR CHANGES IN TILT ANGLE OF ANTENNA ASSEMBLY #AS-17A/APS OR AS-18A/APS DUE TO VARIATION IN ANGLE OF PLANE WITH RESPECT TO THE EARTH'S SURFACE. INCLUDES A GYROSCOPE WITH A CAGING 8/25/43 CPO: CPR:5LO-925
 JULY 44

MECHANISM & A TORQUE UNIT **CN-5/APA-15**
 WITH 2 ASSOCIATED TILT RODS. INFORMATION FROM THE GYRO SELSYN IS TRANSMITTED TO SERVO AMPLIFIER AM-21/APA-15 WHICH RETURNS SUFFICIENT POWER TO OPERATE TORQUE UNIT TO MAINTAIN DESIRED TILT ANGLE. SIGNAL OUTPUT .1 V PER DEGREE. FITS MOUNTING BASE MT-131/APA-15. SIZE: 15 11/64" X 6 1/4" X 5 15/16". WT. 13 LBS 1 OZ.

CN-8/APA-8 AN/APA-18
 POTENTIOMETER ASSEMBLY: RESTRICTED
 REGULATES SWEEP VOLTAGE TO INDICATE AZIMUTH INFORMATION ON INDICATOR ID-3/APQ-5. CONSISTS OF POTENTIOMETER G.E. 251X95 OR EQUAL WITH GEARING MOUNTED ON A SPECIAL TAPERED SHAFT. MOUNTS ON ANTENNA ASSEMBLY AS-12/APS-3. 11/2/43 CPR:
 NOV. 43

CN-9/APA-19 AN/APA-19
 POTENTIOMETER ASSEMBLY: RESTRICTED
 REGULATES SWEEP VOLTAGE TO INDICATE AZIMUTH INFORMATION ON INDICATOR ID-3/APQ-5. CONSISTS OF POTENTIOMETER G.E. 251X95 OR EQUAL WITH GEARING MOUNTED ON A SPECIAL TAPERED SHAFT. SAME AS CN-8/APA-18 EXCEPT FOR DIFFERENT GEARING AND SHAFT 11/2/43 CPR:
 NOV. 43

CN-9/APA-19
 CONNECTION.

CN-12/RPN-1A AN/RPN-1A
 SWITCHING REGULATOR UNIT:
 THIS UNIT IS OF WELDED STEEL CONSTRUCTION, WEATHER AND SPLASH PROOF. IT CONTAINS A TRANSFORMER AND AUTOMATIC VOLTAGE REGULATOR, SIMILAR TO VOLTAGE REGULATOR UNIT CN-3/MPN-1. FOR USE ON COMMERCIAL SUPPLY LINES OF EITHER 200 V OR 115/44 CRR: CRR:AR96224
 JAN. 44

CN-12/RPN-1A
 110 V AC. IT ALSO CONTAINS SWITCHING MEANS FOR APPLYING MOTOR GENERATOR OR COMMERCIAL LINE POWER TO THE LOAD. POWER INPUT: 117 V AC. 15 KVA FROM M.G. SETS, 105-125 V. AC OR 210-250 V. AC FROM COMMERCIAL LINES. DIMENSIONS: 24 X 36 X 60 INCHES.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CN-12A/MPN-1A AN/MPN-1A
 SWITCHING REGULATOR UNIT:
 THIS UNIT IS OF WELDED STEEL CONSTRUCTION, WEATHER AND SPLASH PROOF. IT CONTAINS A TRANSFORMER AND AUTOMATIC VOLTAGE REGULATOR, FOR USE ON COMMERCIAL SUPPLY LINES OF EITHER 220 V OR 110V AC. IT ALSO CONTAINS SWITCHING MEANS FOR 11/4/44 CRR: CRR:R-97250
 NOV. 44

CN-12A/MPN-1A
 APPLYING MOTOR GENERATOR OR COMMERCIAL LINE POWER TO THE LOAD. POWER INPUT: 117V AC, 15 KVA FROM M.G. SETS, 115/220V AC FROM COMMERCIAL LINES, DIMENSIONS: 24 X 36 X 60 INCHES, USED WHEN DIESEL MOTOR GENERATOR UNITS ARE USED AS A PRIMARY POWER SUPPLY. SIMILAR TO CN-12/MPN-1A EXCEPT USES #2 WIRE IN PLACE OF #4.

CN-13/AP AN/APS-4
 CONDENSER COMPENSATOR UNIT:
 CONSISTS OF A CONDENSER UNIT HAVING SECTIONS OF 4/4/2/1 MFD. CAPACITY, RATED AT 600V DC. WORKING. FREQUENCY RANGE 400-2400 CPS. UNIT WILL INCLUDE A NAVY TYPE "A" CONDENSER BOX FITTED WITH 2 EA. 3/4" AMPHENOL TYPE AN-3064-12 BOX CONNECTORS 3/17/44
 MAR. 44

AND AMPHENOL TYPE **CN-13/AP**
 AN-3066 LOCK NUTS. PROVISION IS MADE ACCORDINGLY FOR ABOVE CONDENSER SECTIONS. THE BOX CONNECTORS PROVIDE CONNECTION BETWEEN THE RADIO SET AND THE RELATED POWER SUPPLY SYSTEM. EACH SET OF CONDENSER MOUNTINGS WILL BE CONNECTED TO TERMINALS. OVERALL DIMENSIONS, EXCLUSIVE OF MOUNTING EARS AND CONDUIT CONNECTORS ARE 5" X 5" X 6". WT. UNDER 6 LBS.

CN-14/ASQ GENERAL USE
 COMPENSATOR:
 CONSISTS OF A SECTION OF 3/8" DIA 6" LENGTH, 36% COBALT STEEL CORE ROD, MOUNTED BETWEEN TWO BAKELITE BLOCKS 1 15/16" SQUARE. THE ROD IS WOUND WITH 2380 TURNS OF #23 AWG. APPROX., ENAMELED SINGLE COTTON COVERED MAGNET WIRE. COILS 4/21/44
 APR. 44

CN-14/ASQ
 SUPPLIED WITH BRASS MOUNTING ANGLE 8" LONG & 1 15/16" X 1 15/16". USED TO COMPENSATE FOR AIRCRAFT PERMANENT MAGNETIC FIELD. IT IS USED IN GROUPS OF 3 FOR A SINGLE M.A.D. EQUIPMENT AND GROUPS OF 6 FOR DUAL EQUIPMENTS.

CN-18/APA-14A AN/APA-14A RESTRICTED
 AZIMUTH DIFFERENTIAL UNIT:
 CONSISTS OF A TORQUE UNIT, DIFFERENTIAL GEAR, SELSYN, & SECTOR SCAN SWITCH. THE DIFFERENTIAL GEAR IS DIRECTLY COUPLED TO THE TORQUE UNIT & SELSYN AS WELL AS *AS-17/APS (AS-18/APS OR AS-18A/APS). THE DATA TRANSMITTED FROM THE SELSYN 5/12/44 CPR:
 MAY 44

PROVIDES COMPENSATION OF **CN-18/APA-14A**
 AIRCRAFT DIRECTION WITH RESPECT TO MAGNETIC NORTH. THE SECTOR SCAN SWITCH PROVIDES LIMIT CONTACTS FOR SCANNING OF A SECTOR OF ANY INTEGRAL MULTIPLE OF 30° UP TO A MAXIMUM OF 330° WHEN CONNECTED TO ASSOCIATED CONTROL UNIT THROUGH RELAY RE-5/APA-13. SIMILAR TO CN-4/APA-14 EXCEPT SELSYN HAS LOW IMPEDANCE WINDING.

CN-19/APA-30 AN/APA-30
 SERVO SIGHT UNIT: CONFIDENTIAL
 FURNISHES TO PILOT A CONTINUOUSLY CORRECTED SIGHT ANGLE FOR WEAPON FIRE AT RANGES FROM 6000 YDS TO 200 YDS. INCLUDES SERVO UNIT AND BALLISTIC CAM, MOTOR AND TACHOMETER (PERMANENT MAGNET GENERATOR), RANGE POTENTIOMETER 180° CAM AND 5/20/44
 MAY 44

CN-19/APA-30
 SWITCHETTE FOR STOPPING RANGE MOTOR AT 6000 YDS AFTER A CYCLE. INPUT 26V DC FROM EXTERNAL POWER SOURCE. SIGHT IS TO BE GFE. WT. APPROX. 9 LBS.

CN-21/APA-15A AN/APA-15A
 GYRO TORQUE UNIT: RESTRICTED
 PROVIDES UP TO ±30° COMPENSATION (WITHIN ANTENNA TILT LIMITS) FOR CHANGES IN TILT ANGLE OF ANTENNA ASSEMBLY *AS-17A/APS OR AS-18A/APS WITH RESPECT TO VERTICAL. INCLUDES A GYROSCOPE WITH A CAGING MECHANISM & A TORQUE UNIT WITH 2 ASSOC- 7/7/44 CPR:5L0-925
 JULY 44

ATED TILT RODS. INFOR- **CN-21/APA-15A**
 MATION FROM THE GYRO SELSYN IS TRANSMITTED TO SERVO AMPLIFIER AN-21/APA-15 WHICH OPERATES TORQUE UNIT TO MAINTAIN DESIRED TILT ANGLE. SIGNAL OUTPUT .1 V PER DEGREE. FITS MOUNTING BASE MT-131/APA-15. SIMILAR TO CN-5/APA-15 EXCEPT MAGNETIC ERECTION SYSTEM IS REMOVED, GYRO ERRECTS WHEN HOUSING IS ROTATED. INPUT FROM PU-14/APA-15: 115/3/400.

CN-25/UPA-1 AN/UPA-1
 ATTENUATOR: CONFIDENTIAL
 A VIDEO FREQUENCY ATTENUATOR TO ATTENUATE VIDEO FREQUENCY VOLTAGES TO PREVENT OVER-DRIVING OF THE SYNCHROSCOPE TS-28/UPN. FREQUENCY COMPENSATION IS EMPLOYED. CONTAINED IN ALUMINUM ALLOY HOUSING 1" X 1" X 5 1/8" LONG WITH NAVY 10/3/44
 OCT. 44

CN-25/UPA-1
 TYPE CONNECTORS 49194 AND 49195 AT EACH END RESPECTIVELY. PART OF DETECTOR AMPLIFIER ASSEMBLY AN/UPA-1. USED BETWEEN AN/UPA-1 AND TS-28/UPN.

CN-30/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL 10/30/44 CW:X-66445-8
 NOV. 44

CN-30/U
 VALUE 10 db. CLASS A. LOSS: PLUS OR MINUS 1/2 db. STANDING WAVE RATIO: PLUS OR MINUS 1 1/2 db.

CN-31/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL 10/30/44 CW:X-66445-F
 NOV. 44

CN-31/U
 VALUE 4 db. CLASS B. LOSS: PLUS OR MINUS 1 db. STANDING WAVE RATIO: PLUS OR MINUS 3 db.

CN-32/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL 10/31/44 CW:X-66445-G
 NOV. 44

CN-32/U
 VALUE 6 db. CLASS B. LOSS: PLUS OR MINUS 1 db. STANDING WAVE RATIO: PLUS OR MINUS 3 db.

CN-33/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL 10/31/44 CW:X-66445-H
 NOV. 44

CN-33/U
 VALUE 8 db. CLASS B. LOSS: PLUS OR MINUS 1/2 db. STANDING WAVE RATIO: PLUS OR MINUS 2 db.

CN-34/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL 10/31/44 CW:X-66445-J
 NOV. 44

CN-34/U
 VALUE 10 db. CLASS B. LOSS: PLUS OR MINUS 1/2 db. STANDING WAVE RATIO: PLUS OR MINUS 2 db.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-37

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CN-35/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL
 10/31/44 CW:X-66445-K
 NOV. 44

CN-35/U
 VALUE 12 db. CLASS B. LOSS: PLUS OR MINUS 1/2 db. STANDING WAVE RATIO: PLUS OR MINUS 2 db.

CN-39/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL
 10/31/44 CW:X-66445-P
 NOV. 44

CN-39/U
 VALUE 20 db. CLASS B. LOSS: PLUS OR MINUS 1/2 db. STANDING WAVE RATIO: PLUS OR MINUS 2db.

CN-46/U IS-182/UP RESTRICTED
 ATTENUATOR
 R.F. ATTENUATOR TO ATTENUATE FREQUENCIES IN THE 100 TO 300 MC. RANGE BY 20 db USES NAVY TYPE -49194 AND -49195 CONNECTORS AT THE ENDS. IMPEDANCE IS 50 OHMS. CONSISTS OF A NETWORK OF CARBON RESISTORS CONTAINED IN A SHIELDED METAL
 1/13/45
 JAN. 45

CN-46/U
 HOUSING.

CN-36/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL
 10/31/44 CW:X-66445-L
 NOV. 44

CN-36/U
 VALUE 14 db. CLASS B. LOSS: PLUS OR MINUS 1/2 db. STANDING WAVE RATIO: PLUS OR MINUS 2 db.

CN-40/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL
 10/30/44 CW:X-66445-R
 NOV. 44

CN-40/U
 VALUE 30 db. CLASS B. LOSS: PLUS OR MINUS 1 db. STANDING WAVE RATIO: PLUS OR MINUS 3 db.

CN-47/APS-6-T1 AN/APS-6T1
 ATTITUDE CORRECTION UNIT:
 ATTITUDE CORRECTION UNIT FOR THE PITCH, BANK AND TURN OF THE LINK TRAINER SH-5/APS-6-T1 SO AS TO CORRECT THE RELATIVE GEOGRAPHIC INFORMATION. ACCURACY OF THIS UNIT TO BE WITHIN ±5% WITHIN LIMITS OF ±45° BANK AND ±25° PITCH OR
 1/24/45 CATT:
 JAN. 45

CN-47/APS-6-T1
 ANY COMBINATION THEREOF.
 WEIGHT APPROX.: 14 1/2 LBS.

CN-37/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL
 10/31/44 CW:X-66445-N
 NOV. 44

CN-37/U
 VALUE 16 db. CLASS B. LOSS: PLUS OR MINUS 1/2 db. STANDING WAVE RATIO: PLUS OR MINUS 2 db.

CN-41/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL
 10/31/44 CW:X-66445-S
 NOV. 44

CN-41/U
 VALUE 10 db. CLASS B. LOSS: PLUS OR MINUS 1/2 db. STANDING WAVE RATIO: PLUS OR MINUS 2 db. SAME AS CN-34/U EXCEPT THAT A PLATE HAS BEEN ADDED TO THE JACK END TO ALLOW THE PAD TO BE MOUNTED ON A PANEL.

CN-51/APS-31 AN/APS-31
 GYROSCOPE UNIT:
 CONSISTS OF A TWO-AXIS GYROSCOPE, TWO SYNCHRO TAKE-OFFS, ERECTION SYSTEM, CAGING MECHANISM, AND MOUNTING PLATE ADJUSTABLE IN AZIMUTH ALL CONTAINED IN A WEATHER-PROOF PLASTIC HOUSING. USED TO DELIVER INFORMATION TO THE ANTENNA
 4/3/45 CPR:
 APR. 45

CN-51/APS-31
 STABILIZATION SYSTEM WHEN THE MOUNTING BASE DEPARTS FROM HORIZONTAL. SIZE: APPROX. 9-1/8" X 12-5/8" X 7-5/8". WT. APPROX. 9.7 LBS.

CN-38/U GEN. USE
 ATTENUATOR:
 CONSISTS OF A COAXIAL STRUCTURE APPROX. 5/8" DIA. X 2 1/2". WITH AN N TYPE PLUG AT ONE END AND AN N TYPE JACK AT THE OTHER. BUILT INTO THIS STRUCTURE IS A PI NETWORK OF CARBON DEPOSITED RESISTORS. THE PAD IS RATED AS FOLLOWS: NORMAL
 10/31/44 CW:X-66445-N
 NOV. 44

CN-38/U
 VALUE 18 db. CLASS B. LOSS: PLUS OR MINUS 1/2 db. STANDING WAVE RATIO: PLUS OR MINUS 2 db.

CN-45/UP AN/APS-20 RESTRICTED
 ATTENUATOR
 USED TO DECREASE THE VOLTAGE PULSE APPLIED TO HIGH POWERED "S" BAND MAGNETRONS SO AS TO PERMIT SEASONING OF THE MAGNETRON. CONSISTS OF 2 CONNECTORS, AND 4 RESISTORS, 10 OHMS EACH, CONNECTED IN SERIES PARALLEL TO GIVE TOTAL RESISTANCE
 1/2/45
 JAN 45

CN-45/UP
 OF 10 OHMS. SIZE: 8" X 9" X 15". WEIGHT: 10 LBS. USED WITH AN/APS-20.

CN-45/UP AN/ASQ-1 AN/ASQ-1
 COMPONENT INDICATOR "CP" COMPUTER

BASIC COMPONENT OF ELECTRONIC EQUIPMENT.

CP-2/ASQ-1 AN/ASQ-1
 CONFIDENTIAL
 COMPUTER: AUTOMATIC RELEASE MECHANISM. AN ELECTRONIC DEVICE WHICH AUTOMATICALLY DETERMINES THE APPROPRIATE TIME TO RELEASE BOMBS OR FLARES. RECEIVES DRIVING SIGNAL FROM AN/ASQ-1 OR AN/ASQ-1A. FIRST PURCHASED UNDER CONTRACT OEMsr-20
 6/7/43 CLU:
 AUG. 43

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|--|--------------------|-------------------------------|
| CP-3/APS-15 AN/APS-15 | | | CP-10/APS-15A AN/APS-15A | | | CP-12/APA-30 AN/APA-30 | | |
| COMPUTER: RESTRICTED A MECHANICAL CORRELATOR OF SLANT RANGE AND ALTITUDE. CONSISTS OF A DRUM WITH ASSOCIATED CHART, A RANGE POTENTIOMETER GEARED TO THE DRUM, A SECOND POTENTIOMETER (ALTITUDE) GEARED TO AN INDEX MARKER WHICH MOVES PARALLEL TO THE AXIS 5/15/43 CAEW: OCT. 43 | | | COMPUTER: CONFIDENTIAL A DEVICE FOR SETTING UP A VOLTAGE PROPORTIONAL TO SLANT RANGE FOR BOMB RELEASE. CONSISTS OF A POTENTIOMETER DIFFERENTIALLY GEARED TO AN ALTITUDE KNOB AND GROUND SPEED KNOB. ALSO INCLUDES OPEN CENTER CONTROL AND ILLUMINATION CONTROL. ALTITUDE CONTROL IS LOCKED WHEN GROUND SPEED CONTROL IS MOVED FROM ITS ZERO POSITION. SIMILAR IN FUNCTION ONLY TO COMPUTER CP-3/APS-15. SIZE APPROX. 7 15/16" X 7 1/2" X 5 1/2". WT. 10 1/2 LBS. | | | COMPUTING UNIT: CONFIDENTIAL CONTAINS THE NECESSARY ELECTRONIC CIRCUITS TO PERMIT ACCURATELY POSITIONING THE RANGE MARKER ON THE INDICATOR OF THE PARENT RADAR ACCORDING TO INFORMATION EXTERNALLY SUPPLIED AS TO CORRECT RELEASE RANGE FOR BOMBING. INCLUDES BOMB-GUNFIRE 5/20/44 MAY 44 | | |
| CP-3/APS-15 | | | CP-10/APS-15A | | | CP-12/APA-30 | | |
| OF THE DRUM, A HOUSING WITH VIEWING WINDOW, AND LAMP OPERATED BY 6.3 V DC AT 15 MA WITH CONTROL RHEOSTAT. FITS MOUNTING BASE MT-123/APS-15. | | | | | | SWITCH AND RANGE KNOB (CALIBRATED 0 TO 18,000 FT). SIZE APPROX. 5 3/4" X 5 3/4" X 5". WT. 1 LB. MOUNTS BY MEANS OF SNAP SLIDE FASTENERS TO CONTROL UNIT C-148/APA-30. | | |
| CP-3A/APS-15 AN/APS-15 | | | CP-11/APS-15A AN/APS-15A | | | CP-15/ASG-10 AN/ASG-10 CONFIDENTIAL | | |
| COMPUTER: RESTRICTED A MECHANICAL CORRELATOR OF SLANT RANGE AND ALTITUDE. CONSISTS OF A DRUM WITH ASSOCIATED CHART, A RANGE POTENTIOMETER GEARED TO THE DRUM, A SECOND POTENTIOMETER (ALTITUDE) GEARED TO AN INDEX MARKER WHICH MOVES PARALLEL TO THE AXIS 5/15/43 CAEW: APR. 44 | | | RANGE UNIT: CONFIDENTIAL PROVIDES PRECISION TIMING CIRCUITS & CONTAINS THE FOLLOWING: MASTER TIMING OSCILLATOR, PRECISION DELAY CIRCUITS: ONE FOR OPEN CENTER VARYING FROM -60 TO +60 MICROSECONDS, ONE FOR RANGE VARYING FROM 6 TO 180 MICROSEC, ONE A DISCRIMINATOR CIRCUIT ADJUSTABLE IN 20 STEPS TO 10-200 MILES, POWER SUPPLY, AND BLOWER MOTOR. INPUT: 115/1/400-2400 AC AND 26V DC. FRONT PANEL CONTAINS CONTROLS AND 2 PIN JACKS. FITS MOUNTING BASE MHT-51/UR. SIMILAR TO CP-5/APS-15 AND CP-5A/APS-15 EXCEPT FOR CIRCUIT CHANGES. WT. APPROX. 19 1/2 LBS. | | | COMPUTER UNIT WHICH CONSISTS OF RC-TIMING NETWORK, THYRATRON TUBE AND RELAYS, POWER SUPPLY AND ELECTRONIC CONVERSION CIRCUITS FOR ADAPTATION WITH ALTIMETER ID-112/ASG-10 AND AN/APN-1 RADIO ALTIMETER. THIS UNIT IS AN ELECTRO-MECHANICAL 10/12/44 CMX: OCT. 44 | | |
| CP-3A/APS-15 | | | CP-11A/APS-15A AN/APS-15A | | | CP-15A/ASG-10 AN/ASG-10A SPEC: EP-281 | | |
| OF THE DRUM, A HOUSING WITH VIEWING WINDOW, AND LAMP OPERATED BY 6.3 V DC AT 15 MA WITH CONTROL RHEOSTAT. FITS MOUNTING BASE MT-123/APS-15. SAME CP-3/APS-15 EXCEPT RANGE KNOB INCLUDES VERMIER. | | | RANGE UNIT: CONFIDENTIAL PROVIDES PRECISION TIMING CIRCUITS & CONTAINS THE FOLLOWING: MASTER TIMING OSCILLATOR, PRECISION DELAY CIRCUITS: ONE FOR OPEN CENTER VARYING FROM -60 TO +60 MICROSECONDS, ONE FOR RANGE VARYING FROM 6 TO 180 MICROSEC, ONE A DISCRIMINATOR CIRCUIT ADJUSTABLE IN 20 STEPS TO 10-200 MILES, POWER SUPPLY, AND BLOWER MOTOR. INPUT: 115/1/400-2400 AC AND 26V DC. FRONT PANEL CONTAINS CONTROLS AND 2 PIN JACKS. FITS MOUNTING BASE MHT-51/UR. SIMILAR TO CP-11/APS-15A EXCEPT FOR CIRCUIT IMPROVEMENTS. 19 1/2 LBS. SIMILAR TO CP-11/APS-15A EXCEPT FOR CIRCUIT IMPROVEMENTS. | | | COMPUTER: CONFIDENTIAL COMPUTER UNIT WHICH IS AN ELECTRO-MECHANICAL DEVICE FOR THE MEASUREMENT OF TIME INTERVAL DURING PREDETERMINED PORTION OF RANGE TO TARGET AS INDICATED BY ALTIMETER UNIT AND CORRECTED BY DIVE ANGLE COMPENSATOR UNIT. WEIGHT: 24 LBS. REQUIRES 26 1/2 VOLTS DC AT 4 AMPS. USED AS PART OF AN/ASG-10. PROCUREMENT THROUGH 3U ORD CONTRACT NO. OSRD L41 4745. 2/23/45 CMX: FEB. 45 | | |
| CP-5/APS-15 AN/APS-15 CONFIDENTIAL | | | CP-11A/APS-15A | | | CP-15A/ASG-10B AN/ASG-10B SPEC: EP-282 | | |
| RANGE UNIT: PROVIDES PRECISION TIMING CIRCUITS NECESSARY FOR HIGH ALTITUDE BOMBING FUNCTION OF AN/APS-15. CONTAINS THE FOLLOWING: MASTER TIMING OSCILLATOR, PRECISION DELAY CIRCUIT FOR ALTITUDE VARYING FROM 3 TO 60 MICROSECONDS, ANOTHER PRECISION DELAY CIRCUIT FOR RANGE VARYING FROM 6 TO 180 MICROSECONDS, A DISCRIMINATOR PRECISION DELAY CIRCUIT ADJUSTABLE IN 20 STEPS TO 10-200 MILES, RANGE CALIBRATING CIRCUIT, POWER SUPPLY, AND BLOWER MOTOR. 115/1/400-2400 AC AND 26 V DC FRONT PANEL CONTAINS CONTROLS AND NEON LIGHT FOR CALIBRATION. FITS MOUNTING BASE MHT-51/UR. | | | RANGE UNIT: CONFIDENTIAL PROVIDES PRECISION TIMING CIRCUITS & CONTAINS THE FOLLOWING: MASTER TIMING OSCILLATOR, PRECISION DELAY CIRCUITS: ONE FOR OPEN CENTER VARYING FROM -60 TO +60 MICROSECONDS, ONE FOR RANGE VARYING FROM 6 TO 180 MICROSEC, ONE A DISCRIMINATOR CIRCUIT ADJUSTABLE IN 20 STEPS TO 10-200 MILES, POWER SUPPLY, AND BLOWER MOTOR. INPUT: 115/1/400-2400 AC AND 26V DC. FRONT PANEL CONTAINS CONTROLS AND 2 PIN JACKS. FITS MOUNTING BASE MHT-51/UR. WT. APPROX. 19 1/2 LBS. SIMILAR TO CP-11A/APS-15A EXCEPT FOR CIRCUIT CHANGES TO ENABLE USE WITH AN/APS-15AM. | | | COMPUTER: CONFIDENTIAL COMPUTER TO MEASURE ALL VARIABLES AND PROVIDE MEANS FOR INTRODUCING NECESSARY CONSTANTS FOR COMPUTATION OF AUTOMATIC BOMB, TORPEDO OR ROCKET RELEASE IN GLIDE OR DIVE BOMBING. PROVIDES MEANS OF MEASURING ALTITUDE, DIVE ANGLE AND TIME 2/23/45 CHX: FEB. 45 | | |
| CP-5/APS-15 | | | CP-11AM/APS-15A AN/APS-15AM | | | CP-18/ASG-108 AN/ASG-108 | | |
| DELAY CIRCUIT FOR RANGE VARYING FROM 6 TO 180 MICROSECONDS, A DISCRIMINATOR PRECISION DELAY CIRCUIT ADJUSTABLE IN 20 STEPS TO 10-200 MILES, RANGE CALIBRATING CIRCUIT, POWER SUPPLY, AND BLOWER MOTOR. 115/1/400-2400 AC AND 26 V DC FRONT PANEL CONTAINS CONTROLS AND NEON LIGHT FOR CALIBRATION. FITS MOUNTING BASE MHT-51/UR. | | | RANGE UNIT: CONFIDENTIAL PROVIDES PRECISION TIMING CIRCUITS & CONTAINS THE FOLLOWING: MASTER TIMING OSCILLATOR, PRECISION DELAY CIRCUITS: ONE FOR OPEN CENTER VARYING FROM -60 TO +60 MICROSECONDS, ONE FOR RANGE VARYING FROM 6 TO 180 MICROSEC, ONE A DISCRIMINATOR CIRCUIT ADJUSTABLE IN 20 STEPS TO 10-200 MILES, POWER SUPPLY, AND BLOWER MOTOR. INPUT: 115/1/400-2400 AC AND 26V DC. FRONT PANEL CONTAINS CONTROLS AND 2 PIN JACKS. FITS MOUNTING BASE MHT-51/UR. WT. APPROX. 19 1/2 LBS. SIMILAR TO CP-11A/APS-15A EXCEPT FOR CIRCUIT CHANGES TO ENABLE USE WITH AN/APS-15AM. | | | COMPUTER: CONFIDENTIAL COMPUTER TO MEASURE ALL VARIABLES AND PROVIDE MEANS FOR INTRODUCING NECESSARY CONSTANTS FOR COMPUTATION OF AUTOMATIC BOMB, TORPEDO OR ROCKET RELEASE IN GLIDE OR DIVE BOMBING. PROVIDES MEANS OF MEASURING ALTITUDE, DIVE ANGLE AND TIME 2/23/45 CHX: FEB. 45 | | |
| CP-5A/APS-15 AN/APS-15 CONFIDENTIAL | | | CP-11AM/APS-15AM | | | CP-18/ASG-108 | | |
| RANGE UNIT: PROVIDES PRECISION TIMING CIRCUITS NECESSARY FOR HIGH ALTITUDE BOMBING FUNCTION OF AN/APS-15. CONTAINS THE FOLLOWING: MASTER TIMING OSCILLATOR, PRECISION DELAY CIRCUITS: ONE FOR ALTITUDE VARYING FROM 3 TO 60 MICROSECONDS, ONE FOR RANGE 3/3/44 CPR: MAR. 44 | | | RANGE UNIT: CONFIDENTIAL PROVIDES PRECISION TIMING CIRCUITS & CONTAINS THE FOLLOWING: MASTER TIMING OSCILLATOR, PRECISION DELAY CIRCUITS: ONE FOR OPEN CENTER VARYING FROM -60 TO +60 MICROSECONDS, ONE FOR RANGE VARYING FROM 6 TO 180 MICROSEC, ONE A DISCRIMINATOR CIRCUIT ADJUSTABLE IN 20 STEPS TO 10-200 MILES, POWER SUPPLY, AND BLOWER MOTOR. INPUT: 115/1/400-2400 AC AND 26V DC. FRONT PANEL CONTAINS CONTROLS AND 2 PIN JACKS. FITS MOUNTING BASE MHT-51/UR. WT. APPROX. 19 1/2 LBS. SIMILAR TO CP-11A/APS-15A EXCEPT FOR CIRCUIT CHANGES TO ENABLE USE WITH AN/APS-15AM. | | | INTERVAL. POWER REQUIREMENTS: 28V DC AT 6 AMPS. WEIGHT 30 LBS. PART OF AN/ASG-108. | | |
| CP-5A/APS-15 | | | CP-11AM/APS-15AM | | | | | |
| VARYING FROM 6 TO 180 MICROSEC, ONE A DISCRIMINATOR CIRCUIT ADJUSTABLE IN 20 STEPS TO 10-200 MILES, RANGE CALIBRATING CIRCUIT, POWER SUPPLY, AND BLOWER MOTOR. 115/1/400-2400 AC AND 26V DC. FRONT PANEL CONTAINS CONTROLS AND NEON LIGHT FOR CALIBRATION. FITS MOUNTING BASE MHT-51/UR. SAME AS CP-5/APS-15 EXCEPT INCLUDES PIN JACK ON FRONT PANEL. | | | | | | | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|---|--------------------|-------------------------------|
| CP-20/APG-17 AN/APG-17 RE 16R9 COMPUTER-POWER UNIT: CONFIDENTIAL ACCEPTS SIGNAL FROM TRANSMITTER RECEIVER UNIT RT-98/APG-17. CALCULATES TIME ELE- MENT FOR RELEASING AN ORDNANCE MISSLE AND ACTUATES MISSLE RELEASE MECHANISM ALSO FURNISHES 300V DC, 120 MILS FROM BUILT-IN DYNAMOTOR FILTER ASSEMBLY TO 3/14/45 MAT 45 | | | *CU-2/APN-4 *AN/APN-4 RESTRICTED COUPLER: SMALL METAL BOX CONTAINING NECESSARY INDICATORS, CAPACITORS, SWITCHES AND TERMINALS FOR MATCHING RADIO RECEIVER *RR-9/APN-4 TO EITHER A LOOP ANTENNA OR A TRAILING WIRE ANTENNA."AN" DESIGNATION FOR MATCHING UNIT MC-433-C). 3/24/43 CPR: SEPT 43 | | | CU-11/APS-2B AS COAXIAL LINES CU-9/APS-2 AND CU-10/ APS-2A EXCEPT HAS A DIFFERENT SHAPE. | | |
| CP-20/APG-17 TRANSMITTER-RECEIVER RT-98/APG-17. IN- PUT 27V. DC, 5 AMPS. MOUNTS ON MOUNTING BASE MT-430/APG-17. OVERALL SIZE, 7 5/8" X 10 1/8" X 12 9/16". MT. 15 LBS. | | | CU-7/APS-2 AN/APS-2 COAXIAL LINE: CONSISTS OF A 7/8" STUB SUPPORTED, COAX- IAL, 50 OHM, PRESSURIZED RF TRANSMISSION LINE EXTENDING FROM TRANSMITTING TUBE & DUPLXER TO JOINT AT EDGE OF MODULATOR BASE. PERFORMS SAME FUNCTION AS COAXIAL LINE CU-8/APS-2A EXCEPT DIFFERS IN SHAPE. 5/15/43 CSX:CYT: CPR: 5WD-44 Z904 JUNE 43 PART 2905, Z905 | | | CU-12/APS-2C AN/APS-2C COAXIAL LINE CONSISTS OF A 7/8" STUB SUPPORTED COAX- IAL, 50 OHM, PRESSURIZED RF TRANSMISSION LINE WHICH EXTENDS FROM THE JOINT AT THE EDGE OF THE MODULATOR BASE TO THE ROTA- TING JOINT ON THE ANTENNA ASSEMBLY *AS-12/APS. PERFORMS SAME FUNCTIONS AS 7/15/43 CSX:CYT: CPR:348-1328E AUG. 43 348-1329E | | |
| CRYSTAL UNITS "CR" CRYSTAL IN CRYSTAL HOLDER | | | CU-8/APS-2A AN/APS-2A COAXIAL LINE: CONSISTS OF A 7/8"STUB SUPPORTED, COAXIAL, 50 OHM, PRESSURIZED, R.F. TRANSMISSION LINE EXT- ENDING FROM TRANSMITTING TUBE & DUPLXER TO THE JOINT AT EDGE OF MODULATOR BASE. PERFORMS SAME FUNCTION AS COAXIAL LINE CU-7/APS-2 EXCEPT HAS DIFFERENT SHAPE. 5/15/43 CSX:CYT CPR:5WD-43 JUNE 43 PART Z905, Z908 | | | COAXIAL LINES CU-9/APS-2, CU-12/APS-2C CU-10/APS-2A, & CU-11-APS-2B EXCEPT HAS A DIFFERENT SHAPE. CONSISTS OF TWO SEP- ARABLE PARTS, CPR TYPES Z912 & Z913. | | |
| CR-7E/U GENERAL USE CRYSTAL UNIT CRYSTAL UNIT CONSISTING OF A PIEZOELEC- TRIC ELEMENT MOUNTED IN A HERMETICALLY SEALED HOLDER PER FEDERAL EXPERIMENTAL UNIT 129A. FREQUENCY TOLERANCE ± .007% OVER THE E TEMPERATURE RANGE OF + 50°C TO + 90°C WITH ± .004% SPECIFIED FOR 10/19/44 OCT. 44 | | | CU-9/APS-2 AN/APS-2 COAXIAL LINE: CONSISTS OF A 7/8" STUB SUPPORTED, COAXIAL, 50 OHM, PRESSURIZED R.F. TRANS- MISSION LINE WHICH EXTENDS FROM THE JOINT AT THE EDGE OF THE MODULATOR BASE TO THE ROTATING JOINT ON THE AS-5/APS-2 ANTENNA ASSEMBLY. PERFORMS SAME 5/15/43 CSX:CYT CPR:5WD-44 JUNE 43 PART Z906, Z602 | | | CU-13/APX-1 AN/APX-1.2 ANTENNA COUPLING UNIT: CONFIDENTIAL PROVIDES COUPLING BETWEEN BOTH "A" & "G" BANDS OF ASSOCIATED EQUIPMENT & A COMMON ANTENNA. ATTACHED DIRECTLY TO ANTENNA TERMINALS OF TRANSPONDERS & HAS COAXIAL CABLE CONNECTOR FOR ANTENNA CABLE. 8/14/43 CHZ:A-2348 SEPT 43 CCT:QW:CWS:CZR: | | |
| CR-7E/U + 75°C USING THE AN/TSM-1 TEST SET. | | | CU-9/APS-2 FUNCTIONS AS COAXIAL LINES CU-10/APS-2A AND CU-11/APS-2B EXCEPT HAS A DIFFERENT SHAPE. | | | CU-13A/APX-1 AN/APX-1.2 CONFIDENTIAL ANTENNA COUPLING UNIT: PROVIDES COUPLING BETWEEN BOTH "A" & "G" BANDS OF ASSOCIATED EQUIPMENT & A COMMON ANTENNA. ATTACHED DIRECTLY TO ANTENNA TERMINALS OF TRANSPONDERS & HAS COAXIAL CABLE CONNECTOR FOR ANTENNA CABLE. IDENTICAL TO ANTENNA COUPLING UNIT 7/18/44 CHZ: JULY 44 CCT:QW:CWS:CZR: | | |
| COMPONENT INDICATORS "CU" COUPLING UNITS SPECIAL IMPEDANCE MATCHING OR COUPLING DEVICES | | | CU-10/APS-2A AN/APS-2A COAXIAL LINE: CONSISTS OF A 7/8" STUB SUPPORTED, COAXIAL, 50 OHM, PRESSURIZED R.F. TRANS- MISSION LINE WHICH EXTENDS FROM THE JOINT AT THE EDGE OF THE MODULATOR BASE TO THE ROTATING JOINT ON THE AS-5/APS-2 ANTENNA ASSEMBLY. PERFORMS SAME FUNCTION 5/15/43 CSX:CYT CPR:5WD-43 JUNE 43 PART Z906, Z907 | | | CU-13A/APX-1 CU-13/APX-1. EXCEPT FOR REARRANGEMENT OF ELECTRICAL CONNECTIONS TO GIVE BETTER IMPEDANCE MATCHING. CANCELLED (NOT USED) 8/7/44 | | |
| CU-1/ARR-3 AN/ARR-3 ANTENNA COUPLING UNIT: RESTRICTED BOX, HOUSING A COIL AND TUNING CONDENSER; FOR MATCHING THE ANTENNA TO THE TRANS- MISSION LINE HAS AN ANTENNA TERMINAL, A GROUND TERMINAL AND RADIO FREQUENCY TRANSMISSION LINE TERMINALS AND ALSO HAS A BAKELITE KNOB FOR ADJUSTING THE TUNING 3/16/44 FEB. 44 | | | CU-10/APS-2A AS COAXIAL LINES CU-9/APS-2 AND CU-11/ APS-2B EXCEPT HAS A DIFFERENT SHAPE. | | | CU-16/APS-2F COAXIAL LINE: CONFIDENTIAL CONSISTS OF A 7/8" STUB SUPPORTED, COAXIAL, 50 OHM PRESSURIZED RF TRANS- MISSION LINE EXTENDING FROM TRANSMITTING TUBE AND DUPLXER TO JOINT AT EDGE OF MODULATOR BASE. SAME AS CU-7/APS-2 EXCEPT THAT TAKE OFF PROVISION HAS BEEN ADDED 10/14/43 CSX:CYT OCT. 43 | | |
| CONDENSER. CU-1/ARR-3 | | | CU-11/APS-2B AN/APS-2B COAXIAL LINE: CONSISTS OF A 7/8" STUB SUPPORTED, COAXIAL, 50 OHM, PRESSURIZED R.F. TRANS- MISSION LINE WHICH EXTENDS FROM THE JOINT AT THE EDGE OF THE MODULATOR BASE TO ROTATING JOINT ON THE AS-5/APS-2 ANTENNA ASSEMBLY. PERFORMS SAME FUNCTION 5/15/43 CSX:CYT CPR:5WD-45 JUNE 43 PART Z910, Z908 | | | CU-16/APS-2F SO THAT CRYSTAL MIXER FOR AFC CAN BE ATTACHED. | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|---|-----------------------|--------------------|---|-----------------------|--------------------|---|
| *CU-17/APS | AS-17/APS | RESTRICTED ROTATING JOINT: "S" BAND ROTATING JOINT WITH SLIP RINGS. USED WITH ANTENNA ASSEMBLY AS-17/APS TO PROVIDE FACILITIES TO COUPLE POWER FROM PU-14/APA-15 TO OTHER UNITS OF TILT STABILIZATION ASSEMBLY AN/APA-15. | CU-25/ART-13 | AN/ART-13 | RESTRICTED ANTENNA LOADING COIL: PROVIDES INDUCTANCE TO RESONATE THE ANTENNA. INCLUDES THE FOLLOWING: 13 POSITION FREQUENCY SWITCH (200-600KC) AND FINE ADJUSTMENT MINIMUM P.A. PLATE CURRENT SWITCH AND LOCK, TERMINALS FOR TRANSMITTER, ANTENNA AND GROUND. | CU-29/NPN-1A | | FORMS THE VARIABLE PORTION OF A VOLTAGE DIVIDER. ITS OUTPUT VOLTAGE VARIES WITH THE POSITION OF THE RADIATED ANTENNA BEAM. POWER INPUT 1-MEGACYCLE POWER. DIMENSIONS: 8" X 4" X 6". SIMILAR TO BUT NOT INTERCHANGEABLE WITH: COUPLING UNIT CU-14/NPN-1. |
| 9/24/43 | CPR: | | 12/7/43 | COL:180H-1 | COL:K-359-E | | | |
| SEPT 43 | | | AUG. 44 | | | | | |
| CU-18/APS | AS-18/APS | RESTRICTED ROTATING JOINT: "X" BAND ROTATING JOINT WITH SLIP RINGS. USED WITH ANTENNA ASSEMBLY AS-18/APS TO PROVIDE FACILITIES TO COUPLE POWER FROM PU-14/APA-15 TO OTHER UNITS OF TILT STABILIZATION ASSEMBLY AN/APA-15. ALSO CONTAINS THERMOSTATICALLY CONTROLLED | CU-25/ART-13 | | | CU-30/APN-4 | AN/APN-4 | RESTRICTED IMPEDANCE MATCHING NETWORK: CONSISTING OF 4 COILS AND A FIXED CONDENSER HOUSED IN METAL BOX APPROX. 4" X 6" X 4 FT WITH SWITCH CONTROL. LINK ADJUSTMENT FOR SWITCHING TO ALTERNATE COIL AND ADJUSTMENT SCREWS TO ADJUST INDUCTANCE OF COILS. THERE WILL BE FIVE TERMINALS |
| 9/24/43 | CPR: | | | | | 1/7/44 | | |
| MAY 44 | | | | | | JAN. 44 | | |
| CU-18/APS | | HEATER FOR MAINTAINING CONSTANT TEMPERATURE AT HIGH ALTITUDE CONDITIONS. INPUT 26V DC. 10 HEATER. | CU-26/ART-13 | AN/ART-13 | RESTRICTED ANTENNA LOADING COIL: PROVIDES INDUCTANCE TO RESONATE THE ANTENNA. INCLUDES THE FOLLOWING: 7 POSITION FREQUENCY SWITCH (500-1500KC) AND FINE ADJUSTMENT MINIMUM P.A. PLATE CURRENT SWITCH AND LOCK, TERMINALS FOR TRANSMITTER, ANTENNA AND GROUND. SIZE 4" | CU-30/APN-4 | | ON BOX. 2 FOR INPUT, 2 FOR OUTPUT, AND ONE FOR GROUND. TO BE CONNECTED BETWEEN RECEIVER INPUT AND ANTENNA FOR MATCHING PURPOSES. TO BE USED WITH R-9/APN-4 ON PATROL TYPE AIRCRAFT FOR MATCHING COMMUNICATION ANTENNAS. |
| | | | 12/7/43 | COL:180H-2 | COL:K412D | | | |
| | | | SEPT. 44 | | | | | |
| CU-20/APN | AN/APN-1 | IMPEDANCE ADAPTER: CONSISTS OF A SHORT COAXIAL CABLE AND CONNECTORS TO PROVIDE AN IMPEDANCE RATIO OF 50 TO 72 OHMS. PERMITS USE OF TEST SET TS-10/APN WITH ALTIMETER EQUIPMENT AYB-1, AYD & AYD-1. | CU-26/ART-13 | | | CU-31/A | AIRBORNE | RESTRICTED IMPEDANCE MATCHING NETWORK: CONSISTING OF AN INDUCTANCE HOUSED IN A METAL BOX APPROX. 4" X 4" X 4 FT. WITH A FIXED LENGTH OF RG-8/U CABLE & AN ACCOMPANYING PLUG. THE CABLE WILL CONNECT THIS UNIT TO BC-1182A RECEIVER. MOUNTING ON THE BOX WILL BE AN INPUT PLUG TO |
| 10/25/43 | CRY:TX-2302-501 | M-249215 | | | | 1/7/44 | | |
| OCT. 43 | | | | | | JAN. 44 | | |
| CU-21/APA-18 | AN/APA-18 | ADAPTER COUPLING: RESTRICTED COUPLING BETWEEN RECEIVER-AMPLIFIER R-18/APS-3 AND VIDEO CORD OF INDICATOR ID-3/APQ-5 TO PROVIDE A VOLTAGE DIVISION OF APPROXIMATELY 1 TO 10. ATTACHED DIRECTLY TO FRONT PANEL OF RECEIVER-AMPLIFIER R-18/APS-3. CONSISTS OF TWO | CU-27/SPR-1 | AN/SPR-1 | RESTRICTED IMPEDANCE MATCHING NETWORK BROADBAND MATCHING NETWORK. 300 TO 1000 MC. FOR CONNECTING BALANCED TO UNBALANCED LINE. CONNECTS TWO RG-8/U CABLES TO ONE RG-8/U CABLE. USED WITH ANTENNA ASSEMBLY AS-57/SPR-1. WT. 7.75 LBS. | CU-31/A | | CONNECT UNIT TO IMPEDANCE MATCHING NETWORK CU-30/APN-4 AND AN ADJUSTMENT FOR VARYING INDUCTANCE OF COILS. THIS UNIT WILL BE USED TO MATCH THE IMPEDANCE MATCHING NETWORK CU-30/APN-4 TO |
| 11/2/43 | CPR: | | 12/29/43 | CGG:69B1-03772 | CGG:69B1-03772 | | | TO THE BC-1182A RECEIVER. |
| NOV. 43 | | | APR. 45 | | | 2/29/44 | | |
| CU-21/APA-18 | | RESISTORS IN A STRAIGHT CYLINDRICAL METAL HOUSING WITH STANDARD SELECTOR PLUG AN49194 ON ONE END AND CORRESPONDING SOCKET AT OTHER END. | CU-28/MPN-1A | AN/MPN-1A | RESTRICTED ANGLE COUPLING UNIT: THIS UNIT IS OF BOX-TYPE CONSTRUCTION SUITABLE FOR MOUNTING ON THE PRECISION ANTENNA. IT CONTAINS THE 1 MEGACYCLE OSCILLATOR & RECTIFIER CIRCUITS ASSOCIATED WITH THE ANGLE COUPLING CAPACITOR. ITS OUTPUT VOLTAGE MODULATES THE AMPLI- | CU-35/APS-2G | AN/APS-2G | CONFIDENTIAL COAXIAL LINE: CONNECTING R F LINE (DUPLXER) BETWEEN MAGNETRON OF TRANSMITTER T-64/APS-2G AND ANTENNA ASSEMBLY AS-17A/APS. INCLUDES MIXER FOR AFC AND TR UNIT AND SIGNAL MIXER. |
| | | | 1/5/44 | CRR: | CRR:AR96194-1 | 2/29/44 | | |
| | | | MAR. 44 | | | FEB. 44 | | |
| CU-24/ART-13 | AN/ART-13 | ANTENNA SHUNT CAPACITOR: RESTRICTED CONSISTS OF THREE LARGE CAPACITORS 25 MMF EACH WITH TERMINALS MOUNTED ON A SMALL MOUNTING PLATE. THIS UNIT IS USED TO PERMIT TUNING OF THE OUTPUT CIRCUIT FOR FREQUENCIES OF 2000-3000KC BY GIVING ADDITIONAL CAPACITY TO THE ANTENNA FOR | CU-28/MPN-1A | | | CU-36/ASQ-2 | AN/ASQ-2 | CONFIDENTIAL SIGNAL GENERATOR-SWITCH UNIT: RECORDER SWITCH BOX & SIGNAL GENERATOR THIS UNIT PROVIDES MEANS FOR CONNECTING A RD-4/ASQ RECORDER TO ANY ONE OF THE THREE OUTPUTS OF AN AN/ASQ-2 SERIES INSTALLATIONS. IN ADDITION, A SWITCH IS PROVIDED TO DISCONNECT REMOTE METERS DURING ADJUSTMENT OF EQUIPMENT. THE UNIT ALSO CONTAINS AN ELECTRICAL CIRCUIT FOR SUPPLYING A SHAPED SIGNAL SIMULTANEOUSLY TO THE INPUTS OF BOTH CHANNELS OF AN AN/ASQ-2 INSTALLATION. THIS UNIT WILL BE USED WITH CM-1/ASQ-2 OR CM-2/ASQ-2B AND WILL BE PART OF AN/ASQ-2. DESIGNED FOR HTA AND LTA INSTALLATION. |
| 12/7/43 | COL:195D-1 | COL:500423200B | | | | 3/7/44 | | |
| OCT. 44 | | | | | | MAR. 44 | | |
| MATCHING | CU-24/ART-13 | TRANSMITTER OUTPUT IMPEDANCE. DIMENSIONS 4 1/8" X 5" X 3 7/8" (INCLUDING TERMINALS). WEIGHT 1.6 LBS. EACH CAPACITOR RATED 10,000V. EFFECTIVE TEST. 0.01/0.3/1.0/3.0 AMPS AT 100/300/1000/3000 KC. DESIGNED TO OPERATE IN TEMP. RANGE OF -40°C TO +50°C, 95% MAX HUMIDITY. NAVY TYPE 481628. | CU-29/MPN-1A | AN/MPN-1A | ANGLE COUPLING CAPACITOR: BOX TYPE CONSTRUCTION HAVING REMOVABLE COVER. IT CONSISTS OF A VARIABLE AIR CAPACITOR WHOSE ROTOR PLATES ARE CAPABLE OF MOTION OVER APPROXIMATELY A 30-DEGREE RANGE. THE ROTOR IS COUPLED TO THE PRECISION ANTENNA SCANNER AND THE UNIT | | | |
| | | | 1/5/44 | CRR: | CRR:AR96194-1 | | | |
| | | | MAR. 44 | | | | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CU-37/ASQ-28 AN/ASQ-28
 ADAPTER UNIT: CONFIDENTIAL
 AN ADAPTER UNIT CONSISTING OF A RECORDER SWITCH BOX AND SIGNAL GENERATOR - THIS UNIT PROVIDES MEANS FOR CONNECTING A RD-4/ASQ TO ANY ONE OF THREE OUTPUTS OF AN AN/ASQ-3 INSTALLATION. IN ADDITION, A SWITCH BOX IS PROVIDED TO DISCONNECT 2/24/44 CANCELLED 4/20/44
 APR. 44

CU-48/ARA-6 AN/ARA-6
 COUPLING TRANSFORMER UNIT: RESTRICTED
 DESIGNED FOR COUPLING R-8/ARN-8 TO AN ANTENNA WITH A CAPACITANCE OF 50 TO 125 MICRO-MICROFARAD AND ALSO A TWISTED PAIR OF R.F. CABLE (100Ω) LEADING TO COUPLING TRANSFORMER UNIT CU-49/ARA-6 WHICH IN TURN COUPLES TO R-23/ARC-6. A
 6/7/44
 JUN. 44

CU-58/GPS-T1A
 TIOMETER HAS DEAD SPOT OF 1° INSTEAD OF 5°.

CU-37/ASQ-28
 REMOTE METERS DURING ADJUSTMENT OF EQUIPMENT. THE UNIT ALSO CONTAINS AN ELECTRICAL CIRCUIT FOR SUPPLYING A SHAPED SIGNAL SIMULTANEOUSLY TO INPUTS OF BOTH CHANNELS OF AN AN/ASQ-28 THIS UNIT WILL BE USED WITH CM-2/ASQ-28 & WILL BE PART OF AN/ASQ-28 DESIGNED FOR LTA INSTALLATION. SIMILAR TO BUT NOT INTERCHANGEABLE WITH CU-36/ASQ-2.

CU-48/ARA-6
 DUAL TRANSFORMER WITH ONE PRIMARY OF 8 TURNS COUPLED TO SECONDARY OF 8 TURNS AND A PRIMARY OF 600 TURNS WITH TAP 80 TURNS FROM GROUND COUPLED TO A SECONDARY OF 74 TURNS TUNED BY A .004 MICRO FARAD CONDENSER. HOUSED IN AN AL. CASE 1 1/2" X 2" X 3 5/8".

CU-72/APS-15B AN/APS-15B CONFIDENTIAL
 DIRECTIONAL COUPLER:
 CONSISTS OF A SHORT SECTION OF 1" X 1/2" WAVE GUIDE BENT AT APPROXIMATELY A 30° ANGLE TERMINATED IN SUITABLE COUPLING FLANGES AND COUPLED THROUGH TWO SMALL HOLES TO A SMALL WAVE GUIDE CAVITY. ATTENUATION FROM PRIMARY GUIDE TO OUTPUT 9/27/44 CPR:756-1110
 SEPT. 44

CU-39/APA-22 AN/APA-22
 ADAPTER UNIT: CONFIDENTIAL
 CONNECTS THE ANTENNA OUTPUT OF THE AN/APA-22 TO THE ANTENNA INPUT CONNECTION OF AN/APS-2 SERIES EQUIPMENT IN CONJUNCTION WITH EXISTING TRANSMISSION LINE. CONSISTS OF 7/8" STUB SUPPORTED COAXIAL LINE FOR "S" BAND USE. DOUBLE 3/24/44 CAXX CAXX-12-586
 MAR. 44

CU-49/ARA-6 AN/ARA-6
 COUPLING TRANSFORMER UNIT:
 IRON CORE TRANSFORMER UNIT USED TO COUPLE R-23/ARC-5 TO 100 OHM R.F. CABLE (TWISTED PAIR). PRIMARY HAS 74 TURNS TUNED BY A 0.004 MICROFARAD CONDENSER. HOUSED IN AN AL. CASE 1 1/2" X 2" X 2 1/2".
 6/7/44
 JUN. 44

CU-72/APS-15B
 PLUG OF SMALL WAVE GUIDE CAVITY IS 20 db ± 1 db. USED WHERE SMALL AMOUNT OF RF ENERGY IS REQUIRED FOR TEST EQUIPMENT. SIZE APPROX. 9.626" X 3.858" X 2.262".

CU-39/APA-22
 RIGHT ANGLED BEND WITH DIMENSIONS OF 6 3/8" X 4 7/16" X 1 25/32". WT. 14 OZ.

CU-53/APA-26 AN/APA-26 CONFIDENTIAL
 ADAPTER UNIT:
 CONNECTS THE ANTENNA OUTPUT OF THE AN/APA-26 TO THE ANTENNA INPUT OF AN/APS-2 IN CONJUNCTION WITH EXISTING TRANSMISSION LINE. CONSISTS OF 7/8" STUB SUPPORTED COAXIAL LINE FOR "S" BAND USE. DOUBLE RIGHT ANGLED BEND WITH DIMENSIONS 6/27/44 CAXX: CAXX:12-814
 JUN. 44

CU-73/APS-15A AN/APS-15A
 DIRECTIONAL COUPLER: CONFIDENTIAL
 CONSISTS OF A RIGHT ANGLE BEND OF 1" X 1/2" WAVE GUIDE TERMINATED IN SUITABLE COUPLING FLANGES WHICH IS COUPLED THROUGH TWO SMALL HOLES TO A SMALL WAVE GUIDE CAVITY. ATTENUATION FROM PRIMARY GUIDE TO OUTPUT PLUG OF SMALL WAVE 10/2/44
 OCT. 44

CU-40/APA-22 AN/APA-22
 ADAPTER UNIT: CONFIDENTIAL
 COUPLES ABSORBER UNIT CG-97/AP AT RIGHT ANGLES TO POWER DIVIDER UNIT RF-23/AP SUPPLYING NECESSARY IMPEDANCE MATCH. CONSISTS OF 7/8" STUB SUPPORTED COAXIAL LINE FOR "S" BAND USE DIMENSIONS 3 1/16" X 3 13/16" X 1 3/8". WT. 10 OZ.
 3/24/44 CAXX CAXX-9-676
 MAR. 44

CU-53/APA-26
 OF 5 1/4" X 4 1/4" X 1 7/8" OVERALL. WT. APPROX 1 LB.

CU-73/APS-15A
 CAVITY IS 20 db ± 1.5 db. USED WHERE SMALL AMOUNT OF RF ENERGY IS REQUIRED FOR TEST PURPOSES. APPROX. SIZE: 10 3/4" X 7 1/2". SIMILAR TO CG-116/APS-15 EXCEPT FOR CHANGE IN LOCATION OF SMALL WAVE GUIDE CAVITY.

CU-41/GPS-T1 AN/GPS-T1 CONFIDENTIAL
 COUPLING TRANSMISSION UNIT:
 CONSIST OF FRAMEWORK & GEAR WHICH ENGAGES THE YOKE GEAR OF THE PPI UNIT OF SCR 588. POTENTIOMETER FOR INDICATING POSITION OF PPI SWEEP AND MOTOR FOR DRIVING THE PPI YOKE IN LIEU OF ANTENNA DRIVE. TRANSMITS PPI DATA TO THE SIMULATOR UNIT 3/27/44
 MAY 44

CU-54/APA-26 AN/APA-26 CONFIDENTIAL
 ADAPTER UNIT:
 CONNECTS THE ANTENNA OUTPUT OF THE AN/APA-26 TO THE ANTENNA INPUT OF AN/APS-2C, 2E OR 2F IN CONJUNCTION WITH EXISTING TRANSMISSION LINE. CONSISTS OF 7/8" STUB SUPPORTED COAXIAL LINE FOR "S" BAND USE. DOUBLE RIGHT ANGLED BEND WITH 6/27/44 CAXX: CAXX:12-815
 JUN. 44

CU-78/UP GEN. USE CONFIDENTIAL
 DIRECTIONAL COUPLER:
 CONSISTS OF A SECTION OF WAVE GUIDE 5/8" X 1 1/4" TERMINATED IN SUITABLE COUPLING CLAMPS COUPLED THROUGH THREE DEFINITE SIZE OPENINGS TO A SMALL PIECE OF WAVE GUIDE TERMINATING IN TWO TYPE N JACKS FOR USE WITH 51 OHM COAX TRANS- 11/22/44 CW:X-66362A CW:8L-409543
 NOV. 44

MX-169/GPS-T1

CU-54/APA-26
 DIMENSION OF 6 3/8" X 5 3/8" X 1 7/8". WT. APPROX. 1 LB.

CU-78/UP
 MISSION LINE. THE JACKS ARE USED TO COUPLE TO DIRECT AND REFLECTED POWER INDICATOR. COUPLING LOSS: 26 1/2 db. DIMENSIONS APPROX. 6 1/2" X 4 1/8" X 4 1/8". WEIGHT 2 3/4 LBS.

CU-47/GPS-T1 AN/GPS-T1 CONFIDENTIAL
 COUPLING TRANSMISSION UNIT:
 CONSIST OF FRAMEWORK & GEAR WHICH ENGAGES THE YOKE GEAR OF THE PPI UNIT OF SCR 527. POTENTIOMETER FOR INDICATING POSITION OF PPI SWEEP. TRANSMITS PPI DATA TO THE SIMULATOR UNIT MX-169/GPS-T1.

CU-58/GPS-T1A AN/GPS-T1A CONFIDENTIAL
 COUPLING TRANSMISSION UNIT:
 CONSISTS OF FRAME WORK AND GEAR WHICH ENGAGES THE YOKE GEAR OF THE PPI UNIT OF SCRS27. AND POTENTIOMETER FOR INDICATING POSITION OF THE PPI SWEEP. TRANSMITS PPI DATA TO SIMULATOR UNIT MX-264/GPS-T1A. SIMILAR TO CU-47/GPS-T1 EXCEPT POTEN- 7/26/44
 JULY 44

CU-79/UP GEN. USE CONFIDENTIAL
 DIRECTIONAL COUPLER:
 CONSISTS OF A SECTION OF WAVE GUIDE 6/8" X 1 1/4" TERMINATED IN SUITABLE COUPLING FLANGES COUPLED THROUGH THREE DEFINITE SIZE OPENINGS TO A SMALL PIECE OF WAVE GUIDE TERMINATED IN TWO TYPE N JACKS FOR USE WITH 51 OHM COAX TRANS- 11/22/44 CW:X-66362B CW:8L-409543
 NOV. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CU-79/UP
MISSION LINE. THE JACKS ARE USED TO COUPLE TO DIRECT AND REFLECTED POWER INDICATOR. COUPLING LOSS: 20db. DIMENSIONS 6 1/2" X 4 1/8" X 4 1/8". WEIGHT: 2 3/4 LBS.

CU-89/UP
MENT. THE JACK IS AN RF TEST POINT USED FOR COUPLING INTO AN ECHO BOX, WATTMETER OR OTHER RF TEST EQUIPMENT.

CU-102/U
0.224 OHMS -10S; 2 CONDUCTOR CABLE 20" LONG; 2 TELEPHONE JACKS. CONTAINED IN A METAL BOX 4" X 4" X 4". PART OF AN/URN-1 TEST SET. USED WITH AN/CRT-4. GEOPHYSICAL SERVICES INC. NDA# 5425. WEIGHT: 1 1/2 LBS.

CU-81/UP OBU-4 CONFIDENTIAL
DIRECTIONAL COUPLER:
CONSISTS OF A SECTION OF WAVE GUIDE 2 7/8" X 3/8" TERMINATED IN SUITABLE COUPLING FLANGES COUPLED THROUGH A DEFINITE SIZE OPENING TO A SMALL PIECE OF WAVE GUIDE TERMINATED IN ONE TYPE M JACK FOR USE WITH 51 OHM COAX. TRANS-11/25/44 HIT:A-12123-A FEB. 45

CU-91/U GEN USE RESTRICTED
COUPLING TRANSFORMER:
AN RF MATCHING TRANSFORMER OR FREQUENCY RANGE 60 TO 450 MC. TO MATCH FROM TWIN CONDUCTOR RF CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 95 OHMS TO COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 52 OHMS. SIZE: 1/5/45 AN. 45

CU-107/W AN/APQ-15
MATCHING NETWORK: RESTRICTED
MATCHING NETWORK TO PROPERLY TERMINATE AN/APQ-15 EQUIPMENTS IN 50 OHMS WHILE BEING TRIGGERED BY A SIGNAL GENERATOR (SUCH AS GR-804) AND TO PROVIDE TERMINALS BY WHICH THE AN/APQ-15 OUTPUT CAN BE SIMULTANEOUSLY MEASURED WITH A STAND-4/11/45 CFT: MAY 45A BUAER

CU-87/UP
MISSION LINE. THE JACK IS USED TO COUPLE TO DIRECT POWER INDICATOR. COUPLING LOSS: 20db. DIMENSIONS 3/8" X 2 7/8" X 8" WEIGHT: APPROX. 4.5 LBS. CANCELLED 2/2/45. RESAGGIGNED -47AAP.

CU-91/U
3 9/16" LONG; 2.15" DIA. WEIGHT: 2 1/2 LBS. PART OF ANTENNA ASSEMBLY AS-242/A.

CU-107/W
ARD VACUUM TUBE VOLT-METER. CONSISTS OF: 2 UG-22/U TYPE JACKS, 1 GENERAL RADIO COAXIAL JACK TO MATE WITH OUTPUT CABLE OF GR-804-C-S2, 2 PIN JACKS, 1 40 OHM 1/4 WATT AND 1 90 OHM 1/4 WATT ± 50% RESISTORS. ONE 2" X 2" X 2" CASE. AND 3 FT. RG-8/U CABLE TERMINATED IN UG-21/U PLUGS AT BOTH ENDS. WEIGHT: 1/4 LB. USED WITH AN/APQ-15. FEDERAL TELEPHONE LABORATORIES.

CU-82/APS-20 AN/APS-20 CONFIDENTIAL
DUPLEXER:
USED TO PROVIDE ADEQUATE RECEIVER PROTECTION DURING TRANSMITTING PERIOD. PROVIDES FOR RECEPTION OF REFLECTED SIGNAL WITH MINIMUM LOSS OF POWER. PROVIDES MEANS FOR MONITORING TRANSMITTED POWER. INCLUDES ANTI-T.R. PRE-T.R. AND T.R. 12/9/44 CAKX:36-6 DEC. 44

CU-95/UP GEN USE CONFIDENTIAL
DIRECTIONAL COUPLER:
CONSISTS OF A SECTION OF 1 1/2" X 3" WAVE GUIDE COUPLED 34 DB DOWN TO A NAVY TYPE "N" JACK. DESIGNED TO BE SUBSTITUTED FOR A SECTION OF WAVE GUIDE LOCATED NEAR THE RADAR. OPERATES IN S SUB W BAND. DIMENSIONS: 4 3/4" X 2 3/4" X 2/10/45 CUS:X-66510A FEB. 45

CU-113/APG-17 AN/APG-17
COUPLER-RECTIFIER: CONFIDENTIAL
COUPLING UNIT. BRASS, SILVER PLATED. INPUT: 1500 MC. ± 25 MC. 3" LONG X 1 3/4" DIAM. UNIT COUPLES TRANSMITTER-RECEIVER RT-98/APG-17 WITH AN OSCILLOSCOPE FOR CHECKING LINEARITY OF SWEEP. CONSISTS OF A RESONANT CAVITY TUNED TO 1500 MC. AND 5/10/45 MAY 45

CU-82/APS-20
CRYSTAL GATE. DIRECTIONAL COUPLER A.F.C. MIXER AND SIGNAL MIXER. HAS ADJUSTMENTS FOR LOCAL OSCILLATOR COUPLING AND T.R. AND ANTI-T.R. TUNING. DIMENSIONS, 15" X 15" X 8". WT. 27 LBS. OPERATES AT 28V DC AT 200 MA AND 450V DC AT 150 MA FROM RECEIVER R-142/APS-20.

CU-95/UP
2 1/2". WT. 1 1/2 LB. USED TO PROVIDE A DEFINITE AMOUNT OF R.F. ENERGY FOR TEST PURPOSES.

CU-113/APG-17
INCLUDES A CRYSTAL RECTIFIER WITH REPLACEABLE CRYSTAL-USED WITH BUT NOT PART OF RADAR SET AN/APG-17.

CU-83/UP GEN USE CONFIDENTIAL
DIRECTIONAL COUPLER
CONSISTS OF A SECTION OF WAVE GUIDE 1 1/2" X 3" TERMINATED IN SUITABLE COUPLING FLANGES. COUPLED THROUGH A DEFINITE SIZE OPENING TO A SMALL PIECE OF WAVE GUIDE TERMINATED IN ONE TYPE N JACK. FOR USE WITH 51 OHM COAX. TRANSMISSION 12/16/44 HIT:A-11180-A DEC. 44

CU-101/APA-17 AN/APA-17 RE 16A 13
INJECTOR ADAPTER: CONFIDENTIAL
CONSISTS OF A 50 OHM CONCENTRIC LINE AND A HIGH IMPEDANCE ARM THROUGH WHICH DC VOLTAGE IS IMPOSED ON THE CENTER CONDUCTOR OF THE LINE TO OPERATE AN ANTENNA RELAY OF ANTENNA ASSEMBLY AS-186/APA-17. CENTER CONDUCTOR IS CAPA-3/27/45 CANB: 9250 APR. 45

CU-115/UP NAVY SC,SK,SA & SR CS-229
DIRECTIONAL COUPLER: CONFIDENTIAL
COUPLING UNIT. COAXIAL. COPPER; POLYSTYRENE BEAD SPACERS. GRAY PAINTED. ATTACHED TO TRANSMISSION LINE RG-46/U. LENGTH APPROX. 7 1/2" OVERALL. 1 5/8" O.D. INSERTED IN TRANSMISSION LINE RG-46/U. 5/25/45 CUQ: 930C MAY 45A

CU-83/UP
LINE. THE JACK MAY BE USED FOR COUPLING TO DIRECT POWER INDICATOR OR ECHO BOX. COUPLING LOSS: 27 db.

CU-101/APA-17
CITIVELY BROKEN. T-SHAPED OUTER CONDUCTOR HAS RECEPTACLES UG-58/U AT EACH OF 3 OUTLETS OF THE T. DIMENSIONS, 6-5/8" LONG BY 1" WIDE BY 2-3/4" HIGH. WT. 1 LB.

CU-115/UP
CONSISTS OF A SECTION OF COAXIAL TRANSMISSION LINE RG-46/U COUPLED 25 db DOWN INTO A TYPE M JACK. DIRECTIVITY: 20 db. USED WITH BUT NOT PART OF NAVY RADAR EQUIPMENTS SC, SA, SK & SR.

CU-89/UP CONFIDENTIAL
DIRECTIONAL COUPLER:
CONSISTS OF A SECTION OF TRANSMISSION LINE, COUPLED 20 db DOWN TO A NAVY TYPE M JACK. THE DIRECTIONAL COUPLER IS DESIGNED TO BE SUBSTITUTED FOR A SECTION OF TRANSMISSION LINE LOCATED NEAR THE TRANSMITTER. FOR USE WITH MK 12 EQUIP-1/5/45 JAN. 45

CU-102/U AN/URN-1 BU AER
MATCHING NETWORK: RESTRICTED
AN IMPEDANCE MATCHING NETWORK, FOR USE IN MAKING SENSITIVITY CHECKS ON AN/CRT-4 SONOBOUY EQUIPMENT BY MATCHING AUDIO GENERATOR HEWLETT-PACKARD 205AG TO SONOBOUY INPUT. CONSISTS OF: RESISTOR NETWORK. R1 500 OHMS -10X 10 WATTS, R2 3/24/45 MAR. 45

COMPONENT INDICATOR "CV" CONVERTER (ELECTRONIC)
DETECTORS AND OTHER ELECTRONIC APPARATUS FOR PHASE OR FREQUENCY CHANGING, OR CHANGING D.C. TO A.C.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CY-1/ASQ-3 AN/ASQ-3
 CONVERTER CONFIDENTIAL
 CONSISTS OF DETECTORS, FREQUENCY MULTIPLIERS, FILTERS, RECTIFIER, BALANCER AND AMPLIFIERS. FOR USE IN 28 VOLT PLANES.

3/16/43 CM:D-163931
 APR. 43

CY-3/ASQ-3A AN/ASQ-3A
 CONVERTER: CONFIDENTIAL
 CONSISTS OF DETECTORS, FREQUENCY MULTIPLIERS, FILTERS, RECTIFIER, STATIC AND DYNAMIC RESPONSE CIRCUITS, BALANCER AND AMPLIFIERS. FOR USE IN 26 VOLT AIRCRAFT.

8/28/43 CW:
 SEPT 43

CY-4/ARN-T1 AN/ARN-T1
 PHOTO-CELL ASSEMBLY: CONFIDENTIAL
 INCLUDES A SPECIALLY CALIBRATED PHOTO ELECTRIC CELL PREMOUNTED WITH ASSOCIATED PREAMPLIFIER AND A RECEPTACLE FOR CONNECTION TO RECEIVER AMPLIFIER OF TRANSMITTER RECEIVER RT-33/ARN-T1. MOUNTS ON STANDARD LINK CRAB.
 10/21/43 CAET:
 OCT. 43

CY-5/ARN-T1 AN/ARN-T1
 DIRECTION FINDER SIMULATOR:CONFIDENTIAL
 INCLUDES A PROJECTOR LAMP (EXCITED AND MODULATED BY POWER FROM OSCILLATOR AND TRANSMITTER AMPLIFIER OF TRANSMITTER RECEIVER RT-33/ARN-T1)AND A TRANSPARENCY (TO PROVIDE PEAK AND NULL)WHICH IS ROTATED BY A SYNCRO RECEIVER TO SIMULATE A
 10/21/43 CAET:
 OCT. 43

CY-5/ARN-T1
 MANUALLY OPERATED BILATERAL DIRECTION FINDER LOOP. ALSO INCLUDES CABLE AND RECEPTACLE FOR ATTACHMENT TO TRANSMITTER RECEIVER RT-33/ARN-T1 AND A CABLE TO SLIP RINGS OF LINK TRAINER. FITS MOUNTING FRAME MT-142/ARN-T1.

CY-6/ARN-T1 AN/ARN-T1
 RADIO BEACON SIMULATOR: CONFIDENTIAL
 INCLUDES A PROJECTOR LAMP (EXCITED & MODULATED BY POWER FROM OSCILLATOR & TRANSMITTER AMPLIFIER OF TRANSMITTER RECEIVER RT-33/ARN-T1); A TRANSPARENCY WHICH ROTATES AT THE RATE OF 2 RPM AND A CODED KEYING DEVICE. USED TO SIMULATE THE
 10/21/43 CAET:
 OCT. 43

OPERATION OF NAVY MODEL **CY-6/ARN-T1**
 YE OR YG BEACONS TO TRAIN OPERATORS IN THE INTERPRETATION & USE OF SUCH SIGNALS WHEN RECEIVED ON RADIO SET #AN/ARR-1(ZB SERIES),#AN/ARR-2(ZBXSERIES)ETC. ALSO INCLUDES CABLE & PLUG FOR CONNECTION TO RECEIVER TRANSMITTER RT-33/ARN-T1,A VOLUME CONTROL CABLE & INTERCOMMUNICATION CABLE FOR ATTACHMENT TO SLIP RINGS OF LINK TRAINER. FITS MOUNTING FRAME MT-142/ARN-T1.

CY-7/APS-T1 AN/APS-T1
 PHOTO MULTIPLIER: CONFIDENTIAL
 CONSISTS OF PHOTO MULTIPLIER TUBE -931 AND CONDENSING LENSE ASSEMBLY WHICH CONVERT LIGHT ENERGY INTO ELECTRICAL ENERGY & AMPLIFY THE SIGNAL TO USEABLE LEVEL. INCLUDES A MOUNTING FRAME WHICH BOLTS TO BACK OF CONSOLE CABINET CY-59/APS-T1 & A
 10/23/43 CEX:
 OCT. 43

CY-7/APS-T1
 RECEPTACLE FOR CONNECTION TO CABLE FROM VIDEO AMPLIFIER OF MODULATOR
 MD-14/APS-T1.

CY-8/APS-T1 AN/APS-T1
 SCANNER: CONFIDENTIAL
 INCLUDES A CATHODE RAY TUBE PLUS SYNCRO UNITS, GEARS & DIFFERENTIAL WHICH DRIVE A MAGNETIC YOKE AT THE RATE OF 12 OR 25 RPM TO PROVIDE A WEDGE SHAPED PATTERN SIMULATING THE RADIATION PATTERN OF A RADAR ANTENNA ON THE CATHODE RAY TUBE.
 10/23/43 CAEZ:
 OCT. 43

CY-8/APS-T1
 MOUNTS IN CONSOLE CABINET CY-59/APS-T1.

CY-11/UPM-1 AN/UPM-1
 DIODE HEAD: CONFIDENTIAL
 PASSES R F SIGNAL INTO INPUT JACK OF Y J BEACON & SIMILAR RADAR EQUIPMENTS & DETECTS TRANSMITTED SIGNALS OF THESE EQUIPMENTS & SENDS A VIDEO SIGNAL TO CONSOLE RACK MT-189/UPM-1. SIZE APPROX. 5" X 7" X 2". WT. APPROX. 2 LBS.
 1/24/44 CHC:
 MAR. 45

CY-12/APR-6 AN/APR-6 CONFIDENTIAL
 MIXER ASSEMBLY:
 CONSISTS OF AN IN-21 CRYSTAL RECTIFIER MOUNTED IN A RECTANGULAR WAVE-GUIDE SECTION OF INNER DIMENSIONS, 7/8" X 1-31/32" WHICH FITS THE BASIC OSCILLATOR CAVITY OF RADAR SET AN/APR-5 AND RADAR SET AN/APR-6; AND A 3" WAVE-GUIDE EXTENSION
 5/11/44
 MAY 44

CY-12/APR-6
 SECTION OF SAME INTERNAL DIMENSIONS TO WHICH THE FLEXIBLE WAVE-GUIDE ANTENNA SYSTEM IS CONNECTED. IT IS USED FOR THE FREQUENCY RANGE OF 3000 TO 6000 MC. PROCURED ON CONTRACT NX58-27588 AND
 NX58-35353.

CY-12A/APR-6 AN/APR-6 CONFIDENTIAL
 MIXER ASSEMBLY:
 CONSISTS OF AN IN-21 CRYSTAL RECTIFIER MOUNTED IN A RECTANGULAR WAVE-GUIDE SECTION OF INNER DIMENSIONS, 7/8" X 1 31/32" WHICH FITS THE BASIC OSCILLATOR CAVITY OF RADAR SET AN/APR-5 AND RADAR SET AN/APR-6; AND A 3" WAVE-GUIDE EXTENSION
 11/11/44
 NOV. 44

CY-12A/APR-6
 SECTION OF SAME INTERNAL DIMENSIONS TO WHICH THE FLEXIBLE WAVE-GUIDE ANTENNA SYSTEM IS CONNECTED. IT IS USED FOR THE FREQUENCY RANGE OF 3000 TO 10000 MC. SIMILAR TO CY-12/APR-6 EXCEPT HAS ADDED IMPEDANCE MATCHING SECTION, ATTENUATOR & REVERSED CRYSTAL.

CY-13/APR-5 AN/APR-5 CONFIDENTIAL
 MIXER ASSEMBLY:
 CONSISTS OF AN IN-21 CRYSTAL RECTIFIER AND R-F CHOKE, MOUNTED IN A HOUSING WHICH FITS THE BASIC OSCILLATOR CAVITY OF RADAR SET AN/APR-5 AND RADAR SET AN/APR-6. IT IS USED FOR THE FREQUENCY RANGE OF 1000 TO 3100 MC. RECEPTACLES ARE PROVIDED IN
 5/11/44
 MAY 44

CY-13/APR-5
 THE HOUSING FOR ANTENNA SIGNAL INPUT AND INTERMEDIATE FREQUENCY SIGNAL OUTPUT. PROCURED ON CONTRACTS NX58-27588 AND
 NX58-35353.

CY-15/APS-T1A AN/APS-T1A
 SCANNER: CONFIDENTIAL
 INCLUDES A CATHODE RAY TUBE, SYNCRO UNITS, GEARS, A DIFFERENTIAL, SWITCHES, RELAYS AND MOTOR DRIVEN DEFLECTION YOKE. PROVIDES: LIGHT SOURCE FOR SCANNING MAP, 180° MOTOR REVERSAL FOR OPERATION WITH AN/APS-3. VOLTAGE FOR DRIVING INDICATOR
 8/4/44 CAEZ:
 AUG. 44

CY-15/APS-T1A
 SWEEPS IN AN/APS-2 SERIES EQUIPMENT OR AN/APS-3 SERIES. ALSO CONTAINS RESISTORS AND RELAYS FOR CONTROLLING YOKE ROTATION WHEN USED WITH AN/APS-2 SERIES EQUIPMENT. MOUNTS IN CY-59/APS-T1. SIMILAR TO BUT NOT INTERCHANGEABLE WITH CY-8/APS-T1.

CY-16/APS-T2 AN/APS-T2
 SCANNER: CONFIDENTIAL
 INCLUDES A CATHODE RAY TUBE, SYNCRO UNITS, GEARS, DIFFERENTIAL, CAMS, SWITCHES, RELAYS AND MOTOR DRIVEN DEFLECTION YOKE. PROVIDES (1) LIGHT SOURCE FOR SCANNING MAP, (2) 180° BLANKING WHEN OPERATING WITH SCR-71A. (3) VOLTAGES
 8/4/44 CEX:
 AUG. 44

CY-16/APS-T2
 FOR DRIVING INDICATOR SWEEPS IN SCR-71A & B. MOUNTS IN CY-59/APS-T1.

COMPONENT INDICATORS "CW"
 COVER
 FIELD PROTECTIVE COVERS FOR PROTECTING EQUIPMENT FROM OUST AND WEATHER

CW-2/ARC-5 AN/ARC-5
 CAP:
 FOR COVERING UNUSED 2-, 3-, 6-, 5-, OR 8 CONDUCTOR RECEPTACLES ("C8Y" TYPES: 6485, 5844, 7023, 5577 AND 6418 RESPECTIVELY) OF RAT, RAV, ARA, ATA, #AN/ARR-2 & AN/ARC-5. THREAD 1-3/32" X 20.
 7/1/43 CBY:5319
 SEPT 43

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CW-3/APR-2 AN/APR-2
COVER
A STREAMLINED PLEXIGLASS PROTECTIVE COVER FOR ANTENNA ASSEMBLY AS-26/APR-2. OVERALL SIZE APPROXIMATELY 20" LONG X 9"(AT BASE)WIDE X 8-1/4" HIGH. USED FOR WIND & ICE PROTECTION. USED WITH BUT NOT A PART OF ANTENNA ASSEMBLY AS-26/APR-2.
7/31/43 CAGW:303 CFH:M-501-C1
MAY 44

CW-18/AP
OF AN/APQ-28.

CW-28/AP AN/APR-2
ANTENNA COVER:
PLEXIGLASS HOUSING FOR ANTENNA ASSEMBLY AS-26/APR-2 FOR PROTECTION AGAINST WEATHER AND AIR STREAM. USED FOR PB4Y-2 INSTALLATION. FASTENED WITH GASKETS & BOLTS TO SKIN OF SHIP. USED FOR STARBOARD INSTALLATIONS. PER CONSOLIDATED AIRCRAFT 2/10/44
FEB. 44

CW-3/APR-2
FORMERLY DESIGNATED COVER MC-466(-). BECAUSE OF FLAT BASE SUITABLE FOR A WIDE VARIETY OF INSTALLATIONS.

CW-21/APS-3 AN/APS-3 NAF:600159
RADAR NACELLE:
ALUMINUM, STREAMLINED, CONE SHAPED HOUSING FOR AS-12/APS-3 AND RT-10/APS-3. CONTAINS PROVISIONS FOR MOUNTING BASE MT-140/APS-3. APPROX. SIZE 24" DIA. AT WIDE END X 50 3/4" LONG. USED WITH BUT NOT PART OF MT-140/APS-3. FIRST PROCURED 12/11/43
DEC. 43

CW-28/AP
DWG. 1008401. SIMILAR TO CW-29/APR-2 EXCEPT OPPOSITE HAND.

CW-4/ARC-5 AN/ARC-5
CAP:
METAL CAP FOR COVERING UNUSED 2,3 AND 4 PIN RECEPTACLES OF AN/ARC-5 EQUIPMENT.

CW-21/APS-3
ON PROJECT ORDER NAF:262-44.

CW-29/AP AN/APR-2
ANTENNA COVER:
PLEXIGLASS HOUSING FOR ANTENNA ASSEMBLY AS-26/APR-2 FOR PROTECTION AGAINST WEATHER AND AIR STREAM. USED FOR PB4Y-2 INSTALLATION. FASTENED WITH GASKETS AND BOLTS TO SKIN OF SHIP. USED FOR PORTSIDE INSTALLATIONS. PER CONSOLIDATED AIRCRAFT 2/10/44
FEB. 44 CONSOLIDATED AIRCRAFT 1008401

9/22/43 CBY:9375
SEPT 43

CW-5/ARC-5 AN/ARC-5
CAP:
METAL CAP FOR COVERING UNUSED 12 AND 18 PIN RECEPTACLES OF AN/ARC-5 AND ATA/ARA EQUIPMENTS. THREAD 1-19/32 X 20.

CW-22/A AIRCRAFT NAF:600159
RADOME:
POLYSTYRENE DOME. .06" THICK, 23.8 DIA X 23.5" LONG APPROX. USED TO COMPLETE THE HOUSING WITH RADAR NACELLE CW-21/APS-3 FOR AS-12/APS-3 AND RT-10/APS-3. FIRST PROCURED ON PROJECT ORDER NAF: 262-44

CW-29/AP
DWG. 1008401. SIMILAR TO CW-28/APR-2 EXCEPT OPPOSITE HAND.

9/22/43 CBY:5367
SEPT 43

***CW-8/ARR-2 *AN/ARR-2**
SLIP COVER:
PROVIDES PROTECTION FROM DUST & WEATHER FOR TEST OSCILLATOR RTS-24/ARR-2. MADE OF 8 OZ. KHAKI BROWN TREATED DUCK & MILITARY BROWN LEATHER. SIZE APPROX. 7 3/8" X 8 1/4" X 10 1/8".

CW-22A/A AIRCRAFT NAF:48724
RADOME:
RADAR ANTENNA DOME; CONSTRUCTED OF DOW CHEMICAL CO. MATERIAL NUMBER Q 274 OR ITS EQUIVALENT. APPROX SIZE; .06" THICK 23.8" DIAMETER X 23.5" LONG. USED TO COMPLETE THE HOUSING WITH RADAR NACELLE CW-21/APS-3 FOR ANTENNA ASSEMBLY
6/12/44
JUN. 44

CW-30/A GENERAL USE NAF:0538
RADOME:
POLYSTYRENE HOUSING 35 1/4" DIA. X 41 5/8" LONG WITH DOME HAVING DIAMETER OF 17 1/2" AT CLOSED END. USED FOR HOUSING FOR ANTENNA ASSEMBLY AS-18A/APS. FIRST PROCURED ON NAF CONTRACT N-2885 -19241 AND 19519 AND N0AS-2613 FROM 2/9/44
MAR. 44

10/25/43 CW: CW:80-31812
NOV. 43 ISSUE 5

***CW-8A/ARR-2 *AN/ARR-2**
SLIP COVER:
PROVIDES PROTECTION FROM DUST & WEATHER FOR TEST OSCILLATOR RTS-24A/ARR-2 MADE OF 8 OZ. KHAKI BROWN TREATED DUCK & MILITARY BROWN LEATHER. SIZE APPROX. 7 3/8" X 8 1/4" X 10 1/8". SAME
*CW-8/ARR-2 EXCEPT THAT IT HAS
10/25/43 CW:80-41004 CW:80-41004
JULY 44

CW-22A/A
AS-12/APS-3 AND TRANSMITTER-CONVERTER RT-10/APS-3. THE RADOME HAS IDENTICAL ELECTRICAL AND MECHANICAL CHARACTERISTICS AND SIZE TO RADOME CW-22/A EXCEPT CONSTRUCTED OF A DIFFERENT MATERIAL IN ORDER TO RAISE THE SOFTENING TEMPERATURE OF THE MATERIAL FROM 160 DEGREES FAHR. TO ABOVE 200 DEGREES FAHR.

CW-30/A
VIRGINIA LINCOLN CO.

***CW-8A/ARR-2**
ADDITIONAL OPENINGS TO ALLOW ACCESS TO ADDITIONAL RECEPTACLE AND 2 ADDITIONAL SWITCHES.

CW-24/UPH-1 AN/UPM-1
DUST COVER:
PROVIDES PROTECTION FOR & FITS CONSOLE RACK MT-189/UPM-1. INCLUDES REMOVABLE FRONT PANEL COVER.

CW-30A/A GENERAL USE NAF:0538
RADOME:
FIBER GLASS SKINS WITH RUBBER CORE HOUSING, 35 1/4" DIA. X 41 5/8" LONG WITH DOME HAVING DIAMETER OF 17 1/2" AT CLOSE END. USED FOR HOUSING FOR ANTENNA ASSEMBLY AS-18A/APS.

1/24/44 CHC:
MAR. 45

9/26/44
SEPT. 44A

CW-18/AP AN/APQ-28
ANTENNA COVER:
PLEXIGLASS HOUSING FOR ANTENNA ASSEMBLY AS-67/APQ-28 FOR PROTECTION AGAINST WEATHER AND AIR STREAM. BECAUSE OF FLAT BASE MAY BE USED FOR MANY INSTALLATIONS. FASTENED WITH GASKETS & BOLTS TO SKIN OF SHIP. SIZE APPROX. 26" X 12" X 9". PART
11/25/43 CAGW:268 CAGW:268
MAY 44

CW-27/U GEN. USE
CONNECTOR COVER
CAP AND CHAIN ASSEMBLY WITH SHORTING PEN. PROVIDES A PROTECTIVE COVER TO KEEP FOREIGN MATTER FROM THE OPEN END OF UG-89/U, UG-90/U AND UG-185/U. BAYONET LOCKING. SIMILAR TO CW-125/U EXCEPT HAS PIN TO SHORT JACK WHEN COVER IS INSERTED.
2/24/45 SPERRY
FEB. 45 R524286

CW-30A/A
SIMILAR TO CW-30/A EXCEPT STURDIER CONSTRUCTION AND MAY BE USED OVER WIDER TEMP. RANGE.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|---|-------------------------|-------------------------------|---|-------------------------|-------------------------------|
| CW-51/AP | AIRBORNE | | *CW-51/UR | GENERAL USE RA 10F 285E | | *CW-74/UR | GENERAL USE RA 10F 285E | |
| <p>ANTENNA COVER: PLEXIGLASS HOUSING FOR ANTENNA ASSEMBLY AS-67/APQ-28 FOR PROTECTION AGAINST WEATHER AND AIR STREAM. USED FOR STARBOARD INSTALLATION ON PB4Y-2 AIRCRAFT. FASTENED WITH GASKETS AND BOLTS TO SKIN OF SHIP. SIZE APPROX. 26" LONG X 12" DEEP. 2/14/44 CAMFIELD CONSOLIDATED FEB. 44 AIRCRAFT 100B400</p> | | | <p>COVER: COVER FOR A STANDARD "1 1/2" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-51/UR & MOUNTS ON MOUNTING BASE *MT-51/UR. 5/20/43 AUG. 43</p> | | | <p>COVER: COVER FOR A STANDARD "2" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-74/UR & MOUNTS ON MOUNTING BASE *MT-54/UR. 5/20/43 AUG. 43</p> | | |
| | | | *CW-52/UR | GENERAL USE RA 10F 285E | | *CW-84/UR | GENERAL USE RA 10F 285E | |
| | | | <p>COVER: COVER FOR A STANDARD "1" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-52/UR & MOUNTS ON MOUNTING BASE *MT-52/UR. 5/20/43 AUG. 43</p> | | | <p>COVER: COVER FOR A STANDARD "2" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-84/UR & MOUNTS ON MOUNTING BASE *MT-54/UR. 5/20/43 AUG. 43</p> | | |
| CW-31/AP | | | *CW-53/UR | GENERAL USE RA 10F 285E | | CW-91/AP | AN/APR-5 | |
| <p>DEEP X 9" WIDE AT BASE.</p> | | | <p>COVER: COVER FOR A STANDARD "1-1/2" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-53/UR & MOUNTS ON MOUNTING BASE *MT-53/UR. 5/20/43 AUG. 43</p> | | | <p>ANTENNA COVER: PLEXIGLASS HOUSING FOR ANTENNA ASSEMBLY AS-44/APR-5 OR AS-125/APR FOR PROTECTION AGAINST WEATHER AND AIR STREAM. USED FOR PB4Y-2 INSTALLATION. FASTENED WITH GASKETS & BOLTS TO SKIN OF SHIP MOUNTS EITHER PORT OR STARBOARD SIDE. 4/14/44 JUN. 44</p> | | |
| CW-32/AP | AIRBORNE | | *CW-54/UR | GENERAL USE RA 10F 285E | | | | |
| <p>ANTENNA COVER: PLEXIGLASS HOUSING FOR ANTENNA ASSEMBLY AS-67/APQ-28 FOR PROTECTION AGAINST WEATHER AND AIR STREAM. USED FOR PORT INSTALLATION ON PB4Y-2 AIRCRAFT. FASTENED WITH GASKETS AND BOLTS TO SKIN OF SHIP. SIZE APPROX. 26" LONG, 12" DEEP AND 9" WIDE AT BASE. 2/14/44 CAMFIELD CONSOLIDATED FEB. 44 AIRCRAFT 100B400</p> | | | <p>COVER: COVER FOR A STANDARD "2" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-54/UR & MOUNTS ON MOUNTING BASE *MT-54/UR. 5/20/43 AUG. 43</p> | | | <p>12" LONG, 4" HIGH AND 10" WIDE.</p> | | |
| | | | *CW-62/UR | GENERAL USE RA 10F 285E | | CW-92/AP | AN/APR-5 | |
| | | | <p>COVER: COVER FOR A STANDARD "1" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-62/UR & MOUNTS ON MOUNTING BASE *MT-52/UR. 5/20/43 AUG. 43</p> | | | <p>ANTENNA COVER: PLEXIGLASS HOUSING FOR ANTENNA ASSEMBLY AS-44/APR-5 OR AS-125/APR FOR PROTECTION AGAINST WEATHER AND AIR STREAM. FASTENED WITH GASKETS AND BOLTS TO SKIN OF SHIP. HAS A FLAT BASE FOR EITHER PORT OR STARBOARD INSTALLATION. DIMENSIONS 12" LONG, 4" HIGH AND 10" WIDE. 4/14/44 CAGM: JUN. 44</p> | | |
| CW-43/A | AN/APS-3 | | *CW-63/UR | GENERAL USE RA 10F 285E | | | | |
| <p>RADOME: PHENOLIC BONDED FABRIC DOME, 23.8" DIAM. BY 25.5" LONG APPROXIMATELY. USED TO HOUSE AS-12/APS-3 AND RT-10/APS-3. THIS IS SIMILAR IN SIZE AND SHAPE TO CW-22/A BUT IS CONSTRUCTED OF MATERIAL WHICH IS OF GREATER SHOCK RESISTANT 3/21/44 CG: GRUNMAN AIRCRAFT MAR. 44 #45010</p> | | | <p>COVER: COVER FOR A STANDARD "1 1/2" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-63/UR & MOUNTS ON MOUNTING BASE *MT-53/UR. 5/20/43 AUG. 43</p> | | | <p>4" HIGH AND 10" WIDE.</p> | | |
| | | | *CW-64/UR | GENERAL USE RA 10F 285E | | CW-93/AP | AN/APA-17 | |
| | | | <p>COVER: COVER FOR A STANDARD "2" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-64/UR & MOUNTS ON MOUNTING BASE *MT-54/UR. 5/20/43 AUG. 43</p> | | | <p>ANTENNA COVER: FIBERGLASS HOUSING FOR ANTENNA ASSEMBLY AS-108/APA-17 & AS-108A/APA-17 FOR PROTECTION AGAINST WEATHER AND AIR STREAM. DIMENSIONS APPROX. 34" LONG, 24" WIDE AND 15" DEEP. 4/17/44 APR. 44</p> | | |
| CW-44/APT | GEN. USE | | *CW-73/UR | GENERAL USE RA 10F 285E | | CW-96/AP | GENERAL USE | |
| <p>ANTENNA COVER: A STREAMLINED HOUSING FOR ANTENNA ASSEMBLY AS-69/APT. DIMENSIONS: 21" X 12" X 6 1/2". INCLUDES NECESSARY GASKETS. 7/20/44 JULY 44</p> | | | <p>COVER: COVER FOR A STANDARD "1 1/2" UNIT RACK HAVING DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. FITS CHASSIS *MX-73/UR & MOUNTS ON MOUNTING BASE *MT-53/UR. 5/20/43 AUG. 43</p> | | | <p>ANTENNA COVER: PLEXIGLASS HOUSING FOR ANTENNA ASSEMBLY AS-124/APR FOR PROTECTION AGAINST WEATHER AND AIR STREAM. USED FOR PB4Y-2 AIRCRAFT INSTALLATION. FASTENED WITH GASKETS AND BOLTS TO SKIN OF SHIP. USED FOR STARBOARD INSTALLATION. SIMILAR TO CW-97/AP EXCEPT 5/31/44 MAY 44</p> | | |
| CW-46/APR-4 | AN/APR-4 | | | | | | | |
| <p>ANTENNA COVER: CONSISTS OF A PLEXIGLASS HOUSING FOR ANTENNA AT-49/APR-4. DIMENSIONS: 9" X 31 1/8" X 12 5/8". NOTE: NOT INTERCHANGEABLE WITH ANTENNA COVER CW-33/APR-4. 7/20/44 CAGM: JULY 44</p> | | | | | | | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| | | | | | | | | |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

OPPOSITE HAND.

CW-96/AP

CW-129/AP

CW-149/AP

LBS. SIMILAR TO ANTENNA COVER CW-96/AP EXCEPT FOR FLAT BASE. USED WITH AS-124/APR.

AN/APS-20, -20A, -15AM. SUPERSEDES CW-148/APS-20. VIRGINIA LINCOLN CORP., MARIAN VA.

CW-97/AP GENERAL USE

CW-144/APS-19 AN/APS-19 948AC

CW-150/AP AN/APN-11 RESTRICTED

ANTENNA COVER: PLEXIGLASS HOUSING FOR ANTENNA ASSEMBLY AS-124/APR FOR PROTECTION AGAINST WEATHER AND AIR STREAM. USED FOR PB4Y-2 AIRCRAFT INSTALLATION. FASTENED WITH GASKETS AND BOLTS TO SKIN OF SHIP. USED FOR PORTSIDE INSTALLATION. SIMILAR TO 5/31/44
MAY 44

NACELLE: HOLLOW ALUMINUM SHEET ENCLOSURE SHAPED LIKE AN ELONGATED TEAR DROP PROPERLY BRACED INSIDE TO HOLD RADAR COMPONENTS AND TO WITHSTAND AIR LOADS. DESIGNED FOR MOUNTING ON MK 51 BOMB RACK. FRONT IS A STD. 24" RADOME. DIMENSIONS: 96" LONG X 3/23/45
MAR. 45A

RADOME: HOUSING, ANTENNA, HYCAR (B.F. GOODRICH SYNTHETIC) AND LAMINATED PHEROLIC FABRIC ANTENNA HOUSING FITS OVER ANTENNA DIPOLE. STRUT-SHAPED WITH CHORDS 1 5/8" AND 4 1/2", 11 1/2" LONG. WT., 3 LBS. MADE BY RCA-VICTOR. ALUMINUM PLATE AT 4/28/45
APR. 45 918

CW-97/AP

CW-144/APS-1

CW-150/AP

CW-96/AP EXCEPT OPPOSITE HAND.

24" DIA. WT. APPROX. 35 LBS. RADOME AND REAR QUARTER OF THE NACELLE ARE DETACHABLE.

BOTTOM OF RADOME BOLTS TO METAL ATTACHING PLATE OF ANTENNA. USED WITH ANTENNA ASSEMBLY AS-306/APN-11.

CW-98/S SHIPBOARD

CW-147/MPN-1A CONFIDENTIAL

COMPONENT INDICATOR "CX" CORD

ANTENNA COVER: POLYSTYRENE BLISTER ANTENNA COVER FOR AS-44/APR-5 DOME SHAPED WITH DIAMETER OF APPROX 8" X 5" HIGH. MOUNTS TO A GROUND PLANE SURFACE. USED IN SHIPBOARD INSTALLATION. MANUFACTURED ON CONTRACTS NXP-35353, NXP-27588 WITH GALVIN MFG. CO. 6/20/44 CAGW:
JUN. 44

RADOME: A RADOME. DESIGNED TO ENCLOSE THE AN/MPN-1A SEARCH ANTENNA, REFLECTOR AT-46/MPN-1A & ANTENNA ASSEMBLY AS-77/MPN-1A, WITH A MINIMUM OF REFLECTION AND ATTENUATION FOR THE S-BAND OF FREQUENCIES AND CAPABLE OF WITHSTANDING 4/9/45 9478
APR. 45

INTERCONNECTING CORDS COMPLETE WITH PLUGS OR OTHER TYPE TERMINALS

CW-104/AP AIRCRAFT

CW-147/MPN-1A

CX-3/ARC() H-1/AR

ANTENNA COVER: ANTENNA COVER - FIBREGLASS FOR HOUSING FOR ANTENNA ASSEMBLY AS-108/APA-17 FOR PROTECTION AGAINST WEATHER AND AIR STREAM. APPROX. DIMENSIONS 22" DIAMETER AND 14" DEEP. WILL BE USED ON PB4Y-1 AIRCRAFT. USED WITH BUT NOT PART OF 7/10/44
JULY 44

WINDS UP TO 150 MILES PER HOUR. IT IS CYLINDRICAL IN SHAPE, APPROXIMATELY 5 FEET IN DIAMETER X 9' HIGH, AND CAPABLE OF BEING INSTALLED ON THE AN/MPN-1A EQUIPMENT.

CORD CONSISTS OF A DOUBLE CONDUCTOR RUBBER COVERED CORDAGE 9/32" OUTSIDE DIA WITH RR-215284-2 JACK (JK-26) ON ONE END & RR-1136-1 PLUG (PL-55) ON THE OTHER END. TYPE NUMBER TO INCLUDE LENGTH IN FEET (-FT) OR INCHES (-IN) AS SPECIFIED. 3/20/43 CQF: CQF: CA-2
APR. 45

CW-104/AP

CW-148/APS-20 AN/APS-20, 20A SPEC: R-333

CX-3/ARC()

RADAR DIRECTION FINDING ASSEMBLY AN/APA-17. MADE BY VIRGINIA LINCOLN CO.

RADOME: RESTRICTED AN ALKYLID RESIN AND FIBERGLASS HOUSING FOR ANTENNA ASSEMBLY AS-237/APS-20 FOR PROTECTION AGAINST WEATHER AND AIR STREAM. MOUNTED ON BELLY OF AIRCRAFT BETWEEN LANDING WHEELS; FASTENED TO SKIN BY MEANS OF GASKETS AND BOLTS. FOR IN-4/10/45 MAF 601019
APR. 45A BUAE

ORIGINALLY SUPPLIED AS CX-3/AR(5FT). FOR USE WITH BUT NOT A PART OF H-1/AR.

CW-123/U GEN. USE

CW-148/APS-20

CX-9/CPN-3 AN/CPN-3

CONNECTOR COVER: CAP AND CHAIN ASSEMBLY. PROVIDES A PROTECTIVE COVER TO KEEP OUT FOREIGN MATTER FROM THE OPEN END OF UG-89/U, UG-90/U AND UG-185/U. BAYONET LOCKING.

STALLATION ON TBM-3 AIRCRAFT. SIZE: 36" X 96" X 144". WEIGHT: 260 LBS. USED WITH AN/APS-20, 20A. MANUFACTURER: VIRGINIA LINCOLN CORP., MARIAN, VA. NOs 6278.

CORD: A 30 FT. DOUBLE SHIELDED TRANSMISSION LINE. CABLE MC-549-(), WITH "CPR" PART NUMBER 358-3512 TYPE "N" PLUG ASSEMBLIES AT EACH END. USED FOR INTERCONNECTING MAST HEAD AS-9/CPN-3 AND RADIO RECEIVER R-11/CPN-3. 6/11/43 CPR:358-4077
SEPT 43

11/10/44
FEB. 45

CW-129/AP

CW-149/AP AN/APS-20, 20A SPEC: R-42

CX-10/CPN-3 AN/CPN-3

RADOME: RADOME - PLEXIGLASS HOUSING WITH FLAT BASE FOR ANTENNA ASSEMBLY AS-124/APR FOR PROTECTION AGAINST WEATHER AND AIR STREAM. FLAT BASE IS MADE TO FIT SKIN OF SHIP BY USE OF FAIRING. SIZE: APPROX. 21" X 11 1/2" X 7". WEIGHT: APPROX. 2 1/6/45
JAN. 45

RADOME: RESTRICTED A HONEYCOMB FIBERGLASS HOUSING FOR ANTENNA ASSEMBLY AS-237/APS-20 FOR PROTECTION AGAINST WEATHER AND AIR STREAM. USED WITH "X" AND "S" BAND AIRBORNE RADARS. BELLY INSTALLATION. SIZE: 3' X 8' X 12'. WEIGHT: 192 LBS. USED WITH 4/24/45 MAF #601153
APR. 45A BUAE

CORD: AN RF TRANSMISSION LINE CONSISTING OF 30 FEET OF RMA-10 FLEXIBLE CABLE. "CPR" PART NUMBER 457-1320; WITH A CONNECTOR. "CPR" PART NUMBER 358-3704 AT EACH END. USED FOR INTERCONNECTING MAST HEAD AS-9/CPN-3 & RADIO TRANS T-8/CPN-3. 6/10/43 CPR:358-4312
SEPT 43

| | | | | | | | | | | |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-47

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CX-17/CPN-3 AN/CPN-3
 INTERCONNECTING CABLE:
 8 FT #16 DOUBLE CONDUCTOR RUBBER
 COVERED TYPE "S" POWER CORD
 WITH ONE TWIST LOCK
 ALE PLUG "CHU" 7507 ON ONE END & A
 RECEPTACLE BOX ASSEMBLY WITH THREE OUT-
 LETS ON THE OTHER END. RECEPTACLE BOX
 /6/43 CPR:3558-4308
 EC. 43

INCLUDES 3 MIDGET CX-17/CPN-3
 FLUSH BASES. "CHU" TYPE 7468;
 USED BETWEEN
 RADIO TRANSMITTER T-8/CPN-3 ON ONE END
 AND MONITOR ID-13/CPN-3, CODER
 KY-17/CPN-3 AND RADIO RECEIVER R-11/CPN-3
 ON OTHER END.

CX-31/GRM-1 AN/GRM-1
 CORD:
 USED FOR CONNECTING TEST UNIT TS-58/GRM-1
 TO TRANSMITTER RACK MT-71/ARC-5 & MODU-
 LATOR MD-7/ARC-5. CONSISTS OF J2 CONDUCTOR
 CABLE WITH CBY TYPE 9377 PLUGS AT
 EACH END. SAME AS ARMY CORD CD-524 EX-
 CEPT USES CBY TYPE 9377 PLUGS IN PLACE
 8/14/43 CW:
 SEPT 43

CX-31/GRM-1
 OF PL-154

CX-32/GRM-1 AN/GRM-1
 CORD:
 USED FOR CONNECTING MODULATOR MD-7/ARC-5
 TO CONTROL UNIT C-30/ARC-5. CONSISTS OF
 18 CONDUCTOR CABLE WITH CBY TYPE 6962
 PLUGS AT EACH END. SAME AS ARMY CORD
 CD-526 EXCEPT USES CBY TYPE 6962 PLUGS.
 8/14/43 CW:
 SEPT 43

CX-33/GRM-1 AN/GRM-1
 CORD:
 USED FOR CONNECTING TEST UNIT TS-58/GRM-1
 TO ANY TRANSMITTER T-15/ARC-5 THROUGH
 T-23/ARC-5 INC. WITHOUT USING TRANSMITTER
 RACK MT-71/ARC-5. CONSISTS OF 6 CONDUCTOR
 CABLE WITH PLUGS AT EACH END. SAME
 AS ARMY CORD CD-530 EXCEPT FITS LARGE
 8/14/43 CW:
 SEPT 43

CX-33/GRM-1
 7-PIN SOCKET INSTEAD OF SMALL 7-PIN
 SOCKET.

CX-34/GRM-1 AN/GRM-1
 CORD:
 USED FOR CONNECTING CONTROL UNIT
 C-30/ARC-5 TO TRANSMITTER T-23/ARC-5 &
 RECEIVER R-28/ARC-5. 5 FT. "Y" TYPE CORD
 CONSISTING OF TWO CABLES OF 6 CONDUCTORS
 EACH COMBINED AT ONE END & TERMINATED BY
 CBY TYPE 6964, 6966 & ARMY PLUG PL-181.
 8/14/43 CW:
 SEPT 43

CX-34/GRM-1
 SAME AS ARMY CORD CD-746 EXCEPT USES CBY
 TYPE 6964, 6966 & ARMY PLUG PL-181 IN
 PLACE OF ONE PL-154 & TWO PL-151.

CX-37/AR AIRCRAFT
 CORD:
 MASK MICROPHONE EXTENSION CORD WITH
 SWITCH, APPROX 9 FEET 2 INCHES OVERALL
 LENGTH, WHICH CONNECTS BETWEEN MASK
 MICROPHONE ANB-M-C1 & JACK BOX. CON-
 SISTS OF A 5 FT. 3 CONDUCTOR CORD WITH
 A MOLDED PLUG "RR" TYPE -212938-1
 8/18/43 CTE:
 SEPT 43A

CX-37/AR
 CONNECTED TO ONE END AND A "CTE" TYPE PUSH
 BUTTON SWITCH ON THE OTHER END WHICH IS
 ALSO CONNECTED TO 50 INCHES OF 2 CON-
 DUCTOR CORD WHICH HAS SIGNAL CORPS JACK
 JK-48 ON OTHER END. FIRST PURCHASED
 UNDER NAVY CONTRACT NX9a-20157.

CX-41/ARC() AIRCRAFT
 CORD:
 MASK MICROPHONE EXTENSION CORD WITH PLUG
 & SWITCH, WHICH CONNECTS BETWEEN MASK
 MICROPHONE ANB-M-C1 & JACK BOX. CONSISTS
 OF A SPECIFIED LENGTH OF 3 CONDUCTOR
 CORDAGE (CONSIDERED NOMINAL LENGTH) WITH
 A MOLDED PLUG "RR" TYPE -212938-1
 8/26/43 CTE:
 SEPT 43

CX-41/ARC()
 CONNECTED TO ONE END AND A "CTE" TYPE
 PUSH BUTTON SWITCH ON THE OTHER END
 WHICH IS ALSO CONNECTED TO AN 8" 2 CON-
 DUCTOR CORD WHICH HAS SIGNAL CORPS JACK
 JK-48 ON OTHER END. NORMALLY SUPPLIED IN
 3 FT, 5 FT, OR 8 FT LENGTHS. TYPE NUMBER
 TO INCLUDE NOMINAL LENGTH IN FEET (-FT)
 OR INCHES (-IN) IE. CX-41/AR(3FT) ETC.

CX-41A/ARC(") GEN. USE
 CORD
 MASK MICROPHONE EXTENSION CORD WITH PLUG
 & SWITCH WHICH CONNECTS BETWEEN MASK
 MICROPHONE ANB-MC-1 OR LIP MICROPHONE
 M-5/UR. & JACK BOX. CONSISTS OF A SPECI-
 FIED LENGTH OF 3 CONDUCTOR CORDAGE (CON-
 SIDERED NOMINAL LENGTH) WITH A PLUG "RR"
 10/24/44
 OCT. 44

CX-41A/ARC(")
 TYPE 212938-1 CONNec-
 TED TO ONE END & A SNAP ACTION SWITCH
 IN ACCORDANCE WITH BUAEW DRAWING E-810-A
 ON THE OTHER END WHICH IS ALSO CONNECTED
 TO AN 8" 2 CONDUCTOR CORD WHICH HAS SI-
 GNAL CORPS JACK JK-48 ON THE OTHER END.
 NOMINALLY SUPPLIED IN 5' LENGTH. SIMILAR
 TO CORD CX-41/AR EXCEPT INCLUDES SNAP
 BACK ACTION SWITCH.

CX-42/ARC() AIRCRAFT
 CORD:
 MASK MICROPHONE EXTENSION CORD WITH PLUG
 BUT WITHOUT SWITCH, WHICH CONNECTS BE-
 TWEEN MASK MICROPHONE ANB-M-C1 & JACK
 BOX. CONSISTS OF A SPECIFIED LENGTH OF 2
 CONDUCTOR CORDAGE (CONSIDERED NOMINAL
 LENGTH) WITH A MOLDED PLUG "RR" TYPE
 8/26/43 CTE:
 SEPT 43A

-212938-1 ON ONE END CX-42/ARC()
 AND A SIGNAL CORPS JACK JK-48 ON OTHER
 END. NORMALLY SUPPLIED IN 3 FT, 5 FT, OR
 8 FT LENGTHS. TYPE NUMBER TO INCLUDE
 NOMINAL LENGTH IN FEET (-FT) OR INCHES
 (-IN) IE CX-42/AR(3FT) ETC.

CX-43/ARC() AIRCRAFT
 CORD:
 MASK MICROPHONE EXTENSION CORD WITHOUT
 PLUG BUT WITH SWITCH, WHICH CONNECTS
 BETWEEN MASK MICROPHONE ANB-M-C1 & JACK
 BOX. CONSISTS OF A SPECIFIED LENGTH OF 3
 CONDUCTOR CORDAGE (CONSIDERED NOMINAL
 LENGTH) WITH A "CTE" TYPE PUSH BUTTON
 8/26/43 CTE:
 SEPT 43

CX-43/ARC()
 SWITCH ON ONE END WHICH IS ALSO CONNec-
 TED TO AN 8" 2 CONDUCTOR CORD WHICH HAS
 SIGNAL CORPS JACK JK-48 ON OTHER END.
 NORMALLY SUPPLIED IN 3 FT, 5 FT, OR 8 FT
 LENGTHS. TYPE NUMBER TO INCLUDE LENGTH IN
 FEET (-FT) OR INCHES (-IN); IE
 CX-43/AR(3FT) ETC.

CX-44/ARC() AIRCRAFT
 CORD:
 MASK MICROPHONE EXTENSION CORD WITHOUT
 PLUG OR SWITCH, WHICH CONNECTS BETWEEN
 MASK MICROPHONE ANB-M-C1 & JACK BOX.
 CONSISTS OF A SPECIFIED LENGTH OF 2 CON-
 DUCTOR CORDAGE (CONSIDERED NOMINAL
 LENGTH) WITH A SIGNAL CORPS JACK JK-48
 8/26/43 CTE:
 SEPT 43

CX-44/ARC()
 ON ONE END. NORMALLY SUPPLIED IN 3 FT,
 5 FT, OR 8 FT LENGTHS. TYPE NUMBER TO
 INCLUDE LENGTH IN FEET (-FT) OR INCHES
 (-IN); IE CX-44/AR(3FT), ETC.

CX-150/U GENERAL USE
 CORD: RESTRICTED
 POWER CORD CONSISTS OF A 15 FT. LENGTH
 OF #18GA. 2 CONDUCTOR PARALLEL PLASTIC
 LAMP CORDAGE EQUIPPED AT ONE END WITH A
 HUBBELL #8224 PLUG AND AT OTHER END WITH
 AN AN-3106-22-10P CONNECTOR AND
 AMPHENOL 97-3057-12-6 CORD CLAMP. USED
 2/24/44 B-410448-2
 MAY 44

CX-150/U
 TO CONNECT OSCILLOSCOPE TS-34/AP TO AIR-
 CRAFT POWER SUPPLY OF 110V AC.

CX-152/U GENERAL USE
 CORD:
 CONSISTS OF 6" AND 8" LENGTH OF STRANDED
 WIRE WITH VINYLITE JACKET TERMINATED AT
 ONE END WITH A 202M CONNECTOR (AMPHENOL)
 OR EQUAL AND AT THE OTHER END WITH TWO
 #45 CLIPS (MULLER ELECTRIC CO.) OR EQUAL.
 THESE ADAPTERS FACILITATE MAKING OUTSIDE
 2/24/44 CW: B-434382
 AUG. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|--|--------------------|-------------------------------|--|--------------------|-------------------------------|
| | | CX-152/U | CX-182/ARC-4 AN/ARC-4 | | | CX-202/APM-39 | | |
| | | CONNECTIONS TO HORIZONTAL OR VERTICAL PLATES OF THE OSCILLOSCOPE AND TO THE TIME INPUT. PART OF OSCILLOSCOPE TS-34/AP. | CABLING: WIRING HARNESS - CONSISTS OF 1-32 CONTACT CANNON PLUG DP-D32-33. 1-14 CONTACT RECEPTACLE AN-3102-20-1S. 1-9 CONTACT RECEPTACLE AN-3102-20-16S PLUS INTERCONNECTING WIRING - TO BE USED ON MOUNTING RACK OF TRANS-RECEIVER RT-19/ARC-4. 3/17/44 JULY 44 | | | RANGE UNIT. DESIGNATED AS CABLE "AC" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15. PART OF AN/APM-39. | | |
| | | CX-155/ART-2 AN/ART-2 | CX-199/APM-39 AN/APM-39 | | | CX-203/APM-39 AN/APM-39 | | |
| | | CORD: 6 SINGLE CONDUCTOR SHIELDED CABLE, 4-#16 GA AND 2-#12 GA. USED TO CONNECT RELAY RE-9/ART-2 SWITCH SA-25/ART-2 AND 26V DC POWER SUPPLY TO TRANSMITTER T-56/ART-2. TERMINATED AT THE TRANSMITTER T-56/ART-2 IN A "AN" CONNECTOR AN-3108-22-55. THREE 3/8/44 MAR. 44 | CORD: 8 CONDUCTOR CORD, 6 FEET LONG, CONSISTING OF 7 AN-20 CABLES AND 1 RG-58/U CABLE. ENCLOSED IN A 5/8" I.D. TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN3106-28-4P CONNECTOR AT ONE END AND AN3106-28-4S CONNECTOR AT OTHER 7/10/44 JULY 44 | | | CORD: CORD - CONSISTS OF 4 - 4 FOOT LENGTHS OF AN-20 CABLE. ENCLOSED IN A 3/8" I.D. TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3106-14S-2P CONNECTOR AT ONE END AND AN AN3106-14S-2S CONNECTOR AT THE OTHER END. CONNECTS CONTROL 7/10/44 JULY 44 | | |
| | | CX-155/ART-2 | CX-199/APM-39 | | | CX-203/APM-39 | | |
| | | BRANCHES OF LENGTHS AS FOLLOWS: TO RELAY 5 FT., TO SWITCH 14 FT., TO 26V DC POWER 9 FT. (12 GA) | END. CONNECTS RECEIVER AMPLIFIER TO JUNCTION BOX. DESIGNATED AS CABLE "A" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15 EQUIPMENT. PART OF AN/APM-39. | | | UNIT TO TORQUE AMPLIFIER. DESIGNATED AS CABLE "AD" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15. PART OF AN/APM-39. | | |
| | | CX-160/U GENERAL USE | CX-200/APM-39 AN/APM-39 | | | CX-204/APM-39 AN/APM-39 | | |
| | | CORD: 2 - CONDUCTOR, 25 FOOT, 18 GA. RUBBER CABLE, 0.310 O.D. TERMINATED WITH A 2 WIRE MALE TWIST LOCK PLUG (HUBBELL NO. 7542) AT ONE END AND A 2 - WIRE FEMALE TWIST LOCK PLUG (HUBBELL NO. 7506) AT THE OTHER END. 3/10/44 CTJ: JAN. 45 | CORD: CORD CONSISTING OF 16 - 4 FOOT LENGTHS OF AN-20 CABLE. ENCLOSED IN A 3/8" I.D. TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3106-24-5P CONNECTOR AT ONE END AND AN AN3106-24-5S CONNECTOR AT THE OTHER END. CONNECTS CONTROL UNIT 7/10/44 JULY 44 | | | CORD: CORD - CONSISTING OF 10 - 6 FOOT LENGTHS OF AN-20 CABLE. ENCLOSED IN A 1/2" I.D. TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH ONE AN3106-18-1S CONNECTOR AT EACH END. CONNECTS AZIMUTH DIFFERENTIAL UNIT TO THE TORQUE AMPLIFIER UNIT. 7/10/44 JULY 44 | | |
| | | CX-181/ARC-1 AN/ARC-1 | CX-200/APM-39 | | | CX-204/APM-39 | | |
| | | CABLING: WIRING HARNESS - CONSIST OF 1-32 CONTACT CANNON PLUG DP-D32-33. 1-14 CONTACT RECEPTACLE AN-3102-20-1S. 1-9 CONTACT RECEPTACLE AN-3102-20-16S PLUS INTERCONNECTING WIRING - TO BE USED ON THE MOUNTING RACK OF REC-XNTR RT-18/ARC-1 3/17/44 MAR. 44 | TO SECTOR SCANNING UNIT. DESIGNATED AS CABLE "AA" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15 EQUIPMENT. PART OF AN/APM-39. | | | DESIGNATED AS CABLE "AG" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15. PART OF AN/APM-39. | | |
| | | CX-181/ARC-1 | CX-201/APM-39 AN/APM-39 | | | CX-205/APM-39 AN/APM-39 | | |
| | | WIRED FOR AN/ARC-1 ONLY. | CORD: CORD - CONSISTING OF 10 - 4 FOOT LENGTHS OF AN-20 CABLE. ENCLOSED IN A 1/2" I.D. TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3106-18-1P CONNECTOR AT ONE END AND AN AN3106-18-1S CONNECTOR AT THE OTHER END. CONNECTS CONTROL UNIT 7/10/44 JULY 44 | | | CORD: CORD - CONSISTING OF 10 - 6 FOOT LENGTHS OF AN-20 CABLE. ENCLOSED IN A 5/8" I.D. TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3106-18-1P CONNECTOR AT ONE END AND AN AN3106-18-1P CONNECTOR AT THE OTHER END. CONNECTS COMPUTER TO 7/10/44 JULY 44 | | |
| | | CX-181A/ARC-1 AN/ARC-1 | CX-201/APM-39 | | | CX-205/APM-39 | | |
| | | CABLING: WIRING HARNESS - FOR INSTALLATION IN MOUNTING RACK MT-230/ARC OR MT-230A/ARC WHEN USED AS PART OF AN-ARC-1A EQUIPMENT. CX-181/ARC-1 EXCEPT PRIMARY POWER LEAD INCLUDES RF CHOKE AND 2 MFD. PAPER CAPACITOR, AND EACH OTHER LEAD INCLUDES 12/11/44 MAY 45 | TO JUNCTION BOX. DESIGNATED AS CABLE "AB" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15. PART OF AN/APM-39. | | | RANGE UNIT. DESIGNATED AS CABLE "AH" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15. PART OF AN/APM-39. | | |
| | | CX-181A/ARC-1 | CX-202/APM-39 AN/APM-39 | | | CX-206/APM-39 AN/APM-39 | | |
| | | RF CHOKE AND 500 MMF. BUTTON MICA CAPACITOR TO PREVENT RADIATION OF DYNAMOTOR HASH AND UNDERSIRABLE SIGNALS. INTERCHANGEABLE WITH AND SUPERSEDES CX-181/ARC-1. | CORD: CORD - CONSISTING OF 7 - 6 FOOT LENGTHS OF AN-20 CABLE. ENCLOSED IN A 1/2" I.D. TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3106-16S-1P CONNECTOR AT ONE END AND AN AN3106-16S-1S CONNECTOR AT THE OTHER END. CONNECTS CONTROL UNIT TO 7/10/44 JULY 44 | | | CORD: 10 CONDUCTOR CORD, 6 FEET LONG, CONSISTS OF 8 AN-20 CABLES AND 2 RG-58/U CABLES. ENCLOSED IN A 5/8" I.D. TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3106-18-1P CONNECTOR AT ONE END AND AN AN3106-18-1S CONNECTOR AT THE OTHER END. 7/10/44 JULY 44 | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|--------------------|-------------------------------|--|--------------------|-------------------------------|
| CX-288/U | AN/GRN-1A | | CX-311/APM-39 | AN/APM-39 | | CX-315/APM-40 | AN/APM-40 | |
| CORD: SIX CONDUCTOR SHIELDED CABLE. USED FOR CONNECTING TEST UNIT TS-58/GRM-1 TO ATA OR SCR-274-N TRANSMITTERS UNDER TEST. CONSISTS OF W.E. CO. TYPE CABLE ESA-696439 TERMINATED AT ONE END BY W.E. CO. TYPE PLUG BA-32912 (AIRCRAFT RADIO 6/28/44 CW:80-39967 JUN. 44 | | | CORD: CORD - CONSISTING OF 2 - 4 FOOT LENGTHS OF AN-16 CABLE. ENCLOSED IN A 3/8" I.D. TYPE 2 CONDUIT PER SPEC AN-MW-C-561A. EQUIPPED WITH AN3106-18-3S CONNECTOR AT ONE END. AT OTHER END CONDUCTORS ARE FREE AND EXTEND 8" BEYOND CONDUIT. CON- 7/10/44 JULY 44 | | | CORD: 22 CONDUCTOR CORD. 6 FEET LONG. CONSISTING OF 20 - AN-20 AND 2 AN-16 CABLE. ENCLOSED IN A 1" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-MW-C-561A. AT ONE END AN AN3106-18-11S CONNECTOR IS USED AND AT THE OTHER END AN AN3106-18-11P 7/9/44 CAY: CAY:P-7713347 JULY 44 | | |
| CX-288/U | | | CX-311/APM-39 | | | CX-315/APM-40 | | |
| CORP. #9599) AND AT OTHER END BY PLUG NUMBER 7844. (W.E. CO. AND AIRCRAFT RADIO CORP.). | | | NECTS TORQUE AMPLIFIER JUNCTION BOX TO CONVERTER UNIT. DESIGNATED AS CABLE "AN" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15. PART OF AN/APM-39. | | | CONNECTOR IS USED. CONNECTS RECTIFIER POWER UNIT TO RECEIVER AMPLIFIER. DESIGNATED AS CABLE #3 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-6, 6A EQUIPMENT. PART OF AN/APM-40 EQUIPMENT. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT # NX9849664. | | |
| CX-308/APM-39 | AN/APM-39 | | CX-312/APM-39 | AN/APM-39 | | CX-316/ARC-18 | AN/ARC-18 | |
| CORD: CORD - CONSISTS OF 4 - 6 FOOT LENGTHS OF CABLE. ENCLOSED IN A 3/8" I.D. TYPE 2 CONDUIT PER SPEC AN-MW-C-561A. EQUIPPED WITH AN3106-14S-2S CONNECTORS AT THE ENDS. CONNECTS CONTROL UNIT TO REPEATER JUNCTION BOX. DESIGNATED AS CABLE "AE" 7/10/44 JULY 44 | | | CORD: CORD - CONSISTING OF 2 - 4 FOOT LENGTHS OF AN-16 CABLE. ENCLOSED IN A 3/8" I.D. TYPE 2 CONDUIT PER SPEC AN-MW-C-561A. EQUIPPED WITH AN AN3106-20-5P CONNECTOR AT ONE END. AT OTHER END LEADS ARE FREE AND EXTEND 8" BEYOND CONDUIT. CONNECTS 7/10/44 JULY 44 | | | WIRING HARNESS: CONSISTS OF ONE - 32 CONTACT CANNON PLUG DP-D32-33, ONE 14 CONTACT RECEPTACLE AN-3102-20-1S, ONE -9 CONTACT RECEPTACLE AN-3102-20-16S PLUS INTERCONNECTING WIRING USED WITH MT-230/ARC. SIMILAR TO CX-181/ARC-1 EXCEPT TWO WIRING CON- 7/14/44 FEB. 45 | | |
| CX-308/APM-39 | | | CX-312/APM-39 | | | CX-316/ARC-18 | | |
| OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15 EQUIPMENT. PART OF AN/APM-39. | | | TORQUE AMPLIFIER JUNCTION BOX TO CONVERTER UNIT. DESIGNATED AS CABLE "AO" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15. PART OF AN/APM-39. | | | SECTIONS ARE CHANGED IN POSITION TO ADAPT THIS UNIT FOR USE WITH AN/ARC-18. INCLUDES ADDITIONAL SHIM AND NAMEPLATE FOR INSTALLATION TO IDENTIFY MT-230/ARC OR MT-230A/ARC MOUNTINGS WHEN EQUIPPED WITH THIS HARNESS. | | |
| CX-309/APM-39 | AN/APM-39 | | CX-313/APM-40 | AN/APM-40 | | CX-316A/ARC-18 | AN/ARC-18 | |
| CORD: CORD - CONSISTING OF 2 - 6 FOOT LENGTHS OF AN-20 CABLE. ENCLOSED IN A 1/4" I.D. TYPE 2 CONDUIT PER SPEC AN-MW-C-561A. EQUIPPED WITH AN AN3106-12S-3P ON ONE END AND AN AN3106-12S-3S CONNECTOR AT THE OTHER END. CONNECTS TORQUE AMPLIFIER 7/10/44 JULY 44 | | | CORD: CORD - CONSISTS OF 4 - 10 FOOT LENGTHS OF AN-16 CABLE. ENCLOSED IN A 1/2 INCH INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-MW-C-561A. AT ONE END AN AN3106-16S-9S CONNECTOR IS USED. THE LEADS ARE FREE SKINNED FOR 1/2" AND TINNED AT OTHER 7/9/44 CAY CAY:P-7713345 JULY 44 | | | WIRING HARNESS: FOR USE WITH MOUNTING BASE MT-230A/ARC. HAS ONE 32 CONTACT CANNON PLUG DP-D32-33 ONE 14 CONTACT RECEPTACLE AN-3102-20-1S AND ONE 9 CONTACT RECEPTACLE AN-3102-20-16S. SIMILAR TO CABLING CX-181A/ARC-1 EXCEPT TWO WIRING CONNECTIONS ARE 5/19/45 MAY 45A 949C | | |
| CX-309/APM-39 | | | CX-313/APM-40 | | | CX-316A/ARC-18 | | |
| TO TORQUE AMPLIFIER JUNCTION BOX. DESIGNATED AS CABLE "AF" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15. PART OF AN/APM-39. | | | END. CONNECTS A.C. POWER SUPPLY TO RECTIFIER POWER UNIT. DESIGNATED AS CABLE #1 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-6, 6A EQUIPMENT. PART OF AN/APM-40 EQUIPMENT. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT # NXSA49664 | | | CHANGED TO ADAPT THIS UNIT FOR USE WITH RADIO SET AN/ARC-18. SIMILAR TO WIRING HARNESS CX-316/ARC-18 EXCEPT INCLUDES FILTER SYSTEM TO PREVENT RADIATION OF UNDESIRABLE NOISE AND INTERCHANGEABLE WITH IT. | | |
| CX-310/APM-39 | AN/APM-39 | | CX-314/APM-40 | AN/APM-40 | | CX-317/APM-40 | AN/APM-40 | |
| CORD: CORD - CONSISTING OF 3 - 4 FOOT LENGTHS OF AN-20 CABLE. ENCLOSED IN A 3/8" I.D. TYPE 2 CONDUIT PER SPEC AN-MW-C-561A. EQUIPPED WITH AN AN3106-14S-1P CONNECTOR AT ONE END AND AN AN3106-14S-1S CONNECTOR AT OTHER END. CONNECTS TORQUE AMPLIFIER 7/10/44 JULY 44 | | | CORD: CORD - CONSISTS OF 5 - TO FOOT LENGTHS OF AN-14 CABLE. ENCLOSED IN A 1/2 INCH INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-MW-C-561A. AT ONE END AN AN3106-18-11S CONNECTOR IS USED. THE LEADS ARE FREE, SKINNED FOR 1/2" AND TINNED AT THE 7/9/44 CAY: CAY:P-7713346 JULY 44 | | | CORD: CORD - CONSISTS OF 15 - 6 FOOT LENGTHS OF AN-20 CABLE. ENCLOSED IN A 1" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-MW-C-561A. EQUIPPED AT ONE END WITH AN3106-28-17S CONNECTOR AND AT OTHER END WITH AN AN3106-28-17P CONNECTOR. CONNECTS 7/9/44 CAY: CAY:P-7713348 JULY 44 | | |
| CX-310/APM-39 | | | CX-314/APM-40 | | | CX-317/APM-40 | | |
| JUNCTION BOX. DESIGNATED AS CABLE "AK" OF AN/APM-39 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-15. PART OF AN/APM-39. | | | OTHER END. CONNECTS 24 VOLTS D.C. POWER TO RECTIFIER POWER UNIT. DESIGNATED AS CABLE #2 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APS-6, 6A EQUIPMENT. PART OF AN/APM-40 EQUIPMENT. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8849664 | | | RECTIFIER POWER UNIT TO RECEIVER AMPLIFIER. DESIGNATED AS CABLE NO. 4 OF AN/APM-40 BENCH TESTING EQUIPMENT WHEN TESTING AN/APS-6, 6A EQUIPMENT. PART OF AN/APM-40 EQUIPMENT. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8849664. | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-51

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CX-318/APM-40 AN/APM-40
 CORD:
 14 CONDUCTOR CORD, 4 FEET LONG, CONSISTING OF 12 AN-20 CABLES AND 2 AN-16 CABLES, ENCLOSED IN A 1/2" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3106-20-27S CONNECTOR AT ONE END AND AT THE OTHER
 7/9/44 CAY: CAY:P7713549
 JULY 44

CX-318/APM-40
 END AN AN3106-20-27P CONNECTOR. CONNECTS RECTIFIER POWER UNIT TO CONTROL UNIT. DESIGNATED AS CABLE NO. 5 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6, 6A EQUIPMENT, PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

CX-319/APM-40 AN/APM-40
 CORD:
 14 CONDUCTOR CORD, 6 FEET LONG, CONSISTING OF 12 AN-20 CABLES AND 2 AN-16 CABLES, ENCLOSED IN A 1" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED AT ONE END WITH AN AN3106-28-2S CONNECTOR AND AT OTHER END WITH AN
 7/9/44 CAY: CAY:P7713550
 JULY 44

CX-319/APM-40
 AN-3106-28-2P CONNECTOR. DESIGNATED AS CABLE #6 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6, 6A. EQUIPMENT. CONNECTS RECTIFIER POWER UNIT TO MODULATOR UNIT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

CX-320/APM-40 AN/APM-40
 CORD:
 22 CONDUCTOR CORD - 6 FEET LONG, CONSISTING OF EIGHTEEN TYPE AN-20 CABLES AND FOUR TYPE AN-14 CABLES ENCLOSED IN A 1" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH A TYPE AN3106-36-1P CONNECTOR AT ONE END AND AT
 7/9/44 CAY: CAY:P7713552
 AUG. 44

CX-320/APM-40
 OTHER END WITH A TYPE AN3106-36-1S CONNECTOR. CONNECTS RECTIFIER POWER UNIT TO JUNCTION BOX. DESIGNATED AS CABLE NO. 8 OF RADAR TEST ASSEMBLY AN/APM-40 WHEN TESTING RADAR SET AN/APM-6, & AN/APM-6A. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

CX-321/APM-40 AN/APM-40
 CORD:
 15 CONDUCTOR CORD 8 FEET LONG - CONSISTING OF 8 AN-20 CABLES AND 7 RG-58/U CABLES ENCLOSED IN AN 1 1/2" INSIDE DIAMETER TYPE 3 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH A TYPE 97-3108-36-20-202P CONNECTOR AT ONE END AND A TYPE
 7/9/44 CAY: CAY:P7713553
 OCT. 44

CX-321/APM-40
 97-3108-36-201S CONNECTOR AT THE OTHER END. CONNECTS RECEIVER AMPLIFIER TO INDICATOR UNIT DESIGNATED AS CABLE NO. 9 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6, 6A EQUIPMENT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

CX-322/APM-40 AN/APM-40
 CORD:
 CORD - CONSISTS OF 2 - 6 FOOT LENGTHS OF AN-20 CABLE, ENCLOSED IN A 1/4" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN3106-10SL-4S CONNECTORS AT THE ENDS. CONNECTS JUNCTION BOX TO SCANNER SOLENOID. DESIGNATED AS
 7/9/44 CAY: CAY:P7713554
 JULY 44

CX-322/APM-40
 CABLE NO. 10 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6, 6A EQUIPMENT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

CX-323/APM-40 AN/APM-40
 CORD:
 CORD - CONSISTING OF 2 - 6 FOOT LENGTHS OF AN-14 CABLE ENCLOSED IN A 1/2" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN3106-20-23S CONNECTOR AT ONE END AND AN3106-20-23P CONNECTOR AT THE OTHER END. CON-
 7/9/44 CAY: CAY:P7713565
 JULY 44

CX-323/APM-40
 CONNECTS JUNCTION BOX TO SCANNER MOTOR. DESIGNATED AS CABLE NO. 11 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6, 6A EQUIPMENT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE & MFG. CO. CONTRACT NO. NX8A49664.

CX-324/APM-40 AN/APM-40
 CORD:
 CORD - CONSISTS OF 6 - SIX FOOT LENGTHS OF AN-20 CABLE, ENCLOSED IN A 1/4" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN3106-14S-6S CONNECTOR AT ONE END AND AT THE OTHER END WITH AN AN3106-14S-6P CONNEC-
 7/9/44 CAY: CAY:P7713556
 JULY 44

CX-324/APM-40
 TOR. CONNECTS JUNCTION BOX TO SCANNER GENERATOR. DESIGNATED AS CABLE NO. 12 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6, 6A EQUIPMENT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

CX-325/APM-40 AN/APM-40
 CORD:
 CORD - CONSISTS OF 5 - 6 FOOT LENGTHS OF AN-20 CABLE, ENCLOSED IN A 3/8" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN3106-14S-5S CONNECTOR AT ONE END AND AT THE OTHER WITH AN AN3106-14S-5P CONNECTOR. CONNECTS
 7/9/44 CAY: CAY:P7713557
 JULY 44

CX-325/APM-40
 JUNCTION BOX TO SCANNER POTENTIOMETER. DESIGNATED AS CABLE NO. 13 OF AN/APM-40 WHEN TESTING AN/APM-6, 6A EQUIPMENT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

CX-326/APM-40 AN/APM-40
 CORD:
 CORD - CONSISTING OF 12 - 6 FOOT LENGTH OF AN-20 CABLE, ENCLOSED IN A 1" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN3106-28-18S CONNECTOR AT ONE END WITH AN AN3106-28-18P CONNECTOR AT OTHER END. CONNECTS
 7/9/44 CAY: CAY:P7713558
 AUG. 44

CX-326/APM-40
 JUNCTION BOX TO TRANSMITTER CONVERTER UNIT. DESIGNATED AS CABLE NO. 14 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6 EQUIPMENT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. AND MFG. CO. CONTRACT NO. NX8A49664.

CX-327/APM-40 AN/APM-40
 CORD:
 CORD - CONSISTING OF 7 FEET OF HIGH VOLTAGE STANDARD IGNITION CABLE PER WESTINGHOUSE DRAWING NO. 7813889. EQUIPPED WITH SPECIAL CONNECTORS PER WESTINGHOUSE DRAWING NOS. 7411691 AND 7814121. CONNECTS TRANSMITTER CONVERTER
 7/9/44 CAY: CAY:P7711123-65
 JULY 44

CX-327/APM-40
 UNIT TO MODULATOR UNIT. DESIGNATED AS CABLE NO. 16 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6 EQUIPMENT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

CX-328/APM-40 AN/APM-40
 CORD:
 CORD - CONSISTING OF 16 - 6 FOOT LENGTHS OF AN-20 CABLE ENCLOSED IN A 1" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3106-24-7S CONNECTOR AT ONE END AND AN AN3106-24-7P CONNECTOR AT THE OTHER END. CONNECTS
 7/9/44 CAY: CAY:P-7713560
 AUG. 44

CX-328/APM-40
 JUNCTION BOX TO TRANSMITTER CONVERTER UNIT. DESIGNATED AS CABLE NO. 18 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6A EQUIPMENT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

CX-329/APM-40 AN/APM-40
 CORD:
 CORD - CONSISTS OF 14 - 6 FOOT LENGTHS OF AN-20 CABLE, ENCLOSED IN A 1" INSIDE DIAMETER TYPE 2 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN3106-28-20S CONNECTOR AT ONE END AND AN AN3106-28-20P CONNECTOR AT THE OTHER END. CONNECTS
 7/9/44 CAY: CAY:P7713561
 AUG. 44

CX-329/APM-40
 WING JUNCTION BOX TO TRANSMITTER CONVERTER UNIT. DESIGNATED AS CABLE NO 17 OF AN/APM-40 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-6A EQUIPMENT. PART OF AN/APM-40. FIRST PROCURED FROM WESTINGHOUSE ELEC. & MFG. CO. CONTRACT NO. NX8A49664.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CX-330/APM-46 AN/APM-46 RESTRICTED
 CORD:
 CORD CONSISTING OF 3 - 4 FOOT LENGTHS OF AN-22 CABLE, ENCLOSED IN A 3/8" I.D. TYPE 3 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3106-14S-5P CONNECTOR AT ONE END AND AN AN3106-14S-5S CONNECTOR AT OTHER END. CONNECTS RECEIVER AMP-7/11/44
OCT. 44

CX-330/APM-46
 LIFIER TO AZIMUTH CALIBRATOR. DESIGNATED AS CABLE "C" OF AN/APM-46 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-3, 3A EQUIPMENT. PART OF AN/APM-46.

CX-334/APM-46 AN/APM-46 RESTRICTED
 CORD:
 26 CONDUCTOR CORD, 4 FT. LONG, CONSISTING OF 21 TYPE AN-22 CABLES AND 5 TYPE AN-16 CABLES, ENCLOSED IN A 1" I.D. TYPE 1 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH A AN3106-36-15P CONNECTOR AT ONE END AND A AN3106-36-15S CONNECTOR 7/11/44
OCT. 44

CX-334/APM-46
 AT THE OTHER END. CONNECTS RECTIFIER UNIT TO RECEIVER AMPLIFIER UNIT. DESIGNATED AS CABLE "J" OF AN/APM-46 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-3, 3A. PART OF AN/APM-46.

CX-337/U(10'-") GEN. USE
 CORD:
 CORD - CONSISTS OF A LENGTH AS SPECIFIED OF TWO CONDUCTOR (NO. 18 AWG) UNSHIELDED WIRE. THE CONDUCTORS CONSISTS OF 41 STRANDS OF NO. 34 WIRE (AWG). TERMINATED IN HUBBELL PLUG AND RECEPTACLE #7057 AND #7257 OR BELDEN H-1047 AND H-1119 7/19/44 CS:
JAN. 45 CGP:

RESPECTIVELY, **CX-337/U(10'-")** OR EQUAL. USED WITH PP-106/U, TS-146/UP AND TS-147/UP EQUIPMENTS.

CX-331/APM-46 AN/APM-46 RESTRICTED
 CORD:
 10 CONDUCTOR CORD, 6 FEET LONG, CONSISTING OF 9 TYPE AN-22 CABLES AND 1 TYPE AN-16 CABLE, ENCLOSED IN A 5/8" I.D. TYPE 3 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH A AN3106-28-20P CONNECTOR AT ONE END AND A AN3106-28-20S CON-7/11/44
OCT. 44

CX-331/APM-46
 NECTOR AT THE OTHER END. CONNECTS RECEIVER AMPLIFIER TO TRANSMITTER CONVERTER UNIT. DESIGNATED AS CABLE "D" OF AN/APM-46 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-3, 3A. PART OF AN/APM-46.

CX-335/APM-46 AN/APM-46 RESTRICTED
 CORD:
 CORD - CONSISTING OF 4 - 14 FOOT LENGTHS OF TYPE AN-16 AND 1 TYPE AN-22 CABLES, ENCLOSED IN A 1/2" I.D. TYPE 1 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH AN AN3016-18-11S CONNECTOR AT ONE END. THE LEADS ARE FREE AND EXTEND 8" BEYOND CON-7/11/44
OCT. 44

CX-335/APM-46
 DUIT AT OTHER END. CONNECTS RECTIFIER UNIT TO POWER SUPPLY. DESIGNATED AS CABLE "M" OF AN/APM-46 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-3, 3A. PART OF AN/APM-46.

CX-339/TPS-1B(3'-") AN/TPS-1B
 CORD
 CONSISTS OF W.E. CO. TYPE KS-9529 CABLE LENGTH AS SPECIFIED CONTAINING 8# 16 GAUGE LEADS, TWO OF WHICH ARE INDIVIDUALLY SHIELDED. OUTSIDE DIAMETER OF CABLE IS 11/16". AN AN-3106-24-5S CONNECTOR IS PROVIDED AT ONE END AND AN 8/1/44 CW:B-415041-5 CW:
NOV. 44

CX-339/TPS-1B(3'-")
 AN-3106-24-5S AT THE OTHER END. EACH END IS EQUIPPED WITH A AN-3057-12 CORD CLAMP. AN-9760-24P CAP AND CHAIN MAY BE USED ON EACH END BUT IS NOT INCLUDED AND MUST BE SPECIFIED.

CX-332/APM-46 AN/APM-46 RESTRICTED
 CORD:
 12 CONDUCTOR CORD, 6 FEET LONG, CONSISTING OF 6 TYPE AN-16, 4 TYPE AN-22 CABLES AND 2 RG-62/U CABLES, ENCLOSED IN 3/4" I.D. TYPE 1 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH A AN3106-28-16P CONNECTOR AT ONE END AND A AN3106-28-2S CON-7/11/44
OCT. 44

CX-332/APM-46
 NECTOR AT THE OTHER END. CONNECTS RECEIVER AMPLIFIER TO MODULATOR UNIT. DESIGNATED AS CABLE "G" OF AN/APM-46 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-3, 3A. PART OF AN/APM-46.

CX-336/APM-46 AN/APM-46 RESTRICTED
 CORD:
 9 CONDUCTOR CORD, 4 FEET LONG, CONSISTING OF 3 TYPE AN-22 CABLES AND 3 TYPE AN-16 CABLES, ENCLOSED IN A 5/8" I.D. TYPE 1 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH A AN3106-24-7P CONNECTOR AT ONE END AND A 7/11/44
DEC. 44

CX-336/APM-46
 AN3106-24-7S CONNECTOR AT THE OTHER END. CONNECTS CONTROL UNIT TO TRANSMITTER CONVERTER UNIT. DESIGNATED AS CABLE "N" OF AN/APM-46 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-3, 3A. PART OF AN/APM-46.

CX-339/TPS-1B(6'-") AN/TPS-1B
 CORD
 CONSISTS OF W.E. CO. TYPE KS-9529 CABLE, LENGTH AS SPECIFIED CONTAINING 8# 16 GAUGE LEADS, TWO OF WHICH ARE INDIVIDUALLY SHIELDED. OUTSIDE DIAMETER OF CABLE IS 11/16". AN AN-3106-24-5S CONNECTOR IS PROVIDED AT ONE END AN-3106-24-5S 8/1/44 CW:BL-433609 CW:
NOV. 44

CX-339/TPS-1B(6'-")
 AT THE OTHER END. EACH END IS EQUIPPED WITH A AN-3057-12 CORD CLAMP. AN-9760-24P CAP AND CHAIN, MAY BE USED ON EACH END BUT IS NOT INCLUDED AND MUST BE SPECIFIED IF DESIRED.

CX-333/APM-46 AN/APM-46 RESTRICTED
 CORD:
 21 CONDUCTOR CORD, 4 FEET LONG, CONSISTING OF 18 TYPE AN-22 CABLES AND 3 TYPE AN-16 CABLES, ENCLOSED IN A 1" I.D. TYPE 1 CONDUIT PER SPEC AN-WW-C-561A. EQUIPPED WITH A AN3106-36-1P CONNECTOR AT ONE END AND A AN3106-36-1S CONNEC-7/11/44
OCT. 44

CX-333/APM-46
 TOR AT THE OTHER END. CONNECTS RECTIFIER UNIT TO CONTROL UNIT. DESIGNATED AS CABLE "H" OF AN/APM-46 BENCH TEST EQUIPMENT WHEN TESTING AN/APM-3, 3A. PART OF AN/APM-46.

CX-337/U(6'-") GEN. USE
 CORD:
 CORD - CONSISTS OF A LENGTH AS SPECIFIED OF TWO CONDUCTOR (NO. 18 AWG) UNSHIELDED WIRE. THE CONDUCTORS CONSIST OF 41 STRANDS OF NO. 34 WIRE (AWG). TERMINATED IN HUBBELL PLUG AND RECEPTACLE #7057 AND #7257 OR BELDEN H-1047 AND H-1119 11/29/44 CAT:
JAN. 45

CX-337/U(6'-")
 RESPECTIVELY, OR EQUAL. USED WITH PP-106/U, AND TS-148/UP EQUIPMENTS.

CX-340/TPS-1B(3'-") AN/TPS-1B
 CORD:
 CONSISTS OF HAYT TYPE MCOP-4 CABLE LENGTH AS SPECIFIED. A AN-3106-20-7S CONNECTOR IS PROVIDED AT ONE END AND A AN-3106-20-7S AT THE OTHER END. EACH END IS EQUIPPED WITH AN AN-3057-12 CORD CLAMP. AN-9760-20P CAP AND CHAIN MAY BE 8/1/44 CW:B-415041-5 CW:
OCT. 44

CX-340/TPS-1B(3'-")
 USED ON EACH END BUT ARE NOT INCLUDED AND MUST BE SPECIFIED IF DESIRED.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|---|--------------------|-------------------------------|
| CX-340/TPS-1B(6'-") AN/TPS-1B | | | CX-464/UP | | | CX-532/U | | |
| CORD: CONSISTS OF NAVY TYPE MCOP-4 CABLE LENGTH AS SPECIFIED. A AN-3106-20-7S CONNECTOR IS PROVIDED AT ONE END AND A AN-3108-20-7S AT THE OTHER END. EACH END IS EQUIPPED WITH AN AN-3057-12 CORD CLAMP. AN-9760-20P CAP AND CHAIN MAY BE 8/1/44 CW:8L-409420 CW: OCT. 44 | | | SET TO ANALYZER FOR TUNING- PART OF SPECTRUM ANALYZER TS-148/UP. | | | CORD: USED ON MK 20 MOD. 0. CARRIES POWER FROM THE RADAR INDICATOR TO THE SQUARE WAVE GENERATOR AND TO THE MODULATOR OR RF UNIT THROUGH EITHER CX-531/U OR CX-533/U. ANOTHER ARM CARRIES POWER TO THE SQUARE WAVE GENERATOR THROUGH CX-535/U. CON-10/19/44 CW:BR-410909-9 CW: NOV. 44 | | |
| CX-340/TPS-1B(6'-") | | | CX-489/GR GEN USE | | | SISTS OF 12" OF CX-532/U | | |
| USED ON EACH END, BUT ARE NOT INCLUDED AND MUST BE SPECIFIED IF DESIRED. | | | CORD: COMPRIZES "CORDAGE CO-119-8", JACK JK-26 ON ONE END AND 2 TERMINAL TM-163 ON OTHER; OVERALL LENGTH INCLUDING TERMINATIONS 16". PART OF HEAD AND CHEST SET H-26 /GR AND HEAD AND CHEST SET H-27 /GR. 9/29/44 USMC OCT. 44 | | | BIW170 WITH 97-5103-36-1P (POS. 2) (GREEN) ON ONE END AND 12" OF MCOP-5 TERMINATED IN 97-5103-24-6P (GRAY). THESE TWO CABLES TERMINATE IN 97-5103-36-1P (POSITION 2) (ORANGE). ANOTHER ARM CONSISTING OF 12" OF 2 CONDUCTOR 18 GA. TIREX TERMINATING AT ONE END IN AN-3106-14S-9P (RED) OTHER END IN 97-5103-24-6P. | | |
| CX-341/TPS-1B AN/TPS-1B | | | CX-526/TPS-1B AN/TPS-1B | | | CX-533/U(6'-") | | |
| CORD: CONSISTS OF NAVY TYPE MCOP-19 CABLE 6' LONG. AT EACH END IS A AN-3106-24-7S CONNECTOR. AN-3057-16 CORD CLAMP AND A AN-9760-24P CAP AND CHAIN. 8/1/44 CW: CW:8-415041-8 AUG. 44 | | | CORD CORD NAVY TYPE OCOP-2. 8 FT. LONG. ONE END IS EQUIPPED WITH AN-3106-20-85 CONNECTOR AND AN-3057-12 CLAMP AND THE OTHER END WITH ARROW-HART & HEGEMAN 4435 PARALLEL BLADE POLARIZED PLUG CAP. USED TO CARRY 115V. 400 CYCLES POWER FROM CON-10/17/44 CW: CW:8418117 NOV. 44 | | | CORD USED ON MK 20 MOD. 0. CARRIES POWER FROM CX-532/U TO THE RADAR RF UNIT. CONSISTS OF A LENGTH (AS SPECIFIED) OF BIW170 CABLE WITH AN-3106-36-1S(POSITION) (2) AT EACH END. ONE GREEN AND THE OTHER ORANGE. PROCURED ON CONTRACT NORD-3456 10/19/44 CW:BR-410909-10 CW: NOV. 44 | | |
| CX-342/TPS-1B(6'-") AN/TPS-1B | | | CX-525/TPS-1B | | | CX-533/U(6'-") | | |
| CORD: CONSISTS OF NAVY TYPE MCOP-10 CABLE LENGTH AS SPECIFIED, WITH AN-3106-20-8S CONNECTORS, AN-3057-12 CORD CLAMPS. CAP AND CHAIN AN-9760-20P MAY BE USED WITH THIS CORD, BUT ARE NOT INCLUDED AND MUST BE SPECIFIED IF DESIRED. 8/1/44 CW:8L-409428 CW: NOV. 44 | | | VENIENCE OUTLET OF PP-91/TPS-1B TO MD-32/TPS-1B.ENABLES OPERATOR TO OPERATE BLOWER IN MODULATOR WITHOUT TURNING ON A PLATE SUPPLY IN THE OTHER MAJOR UNITS. | | | FROM W.E. CO. | | |
| CX-342/TPS-1B(7'-") AN/TPS-1B | | | CX-530/U(6'-") | | | CX-534/U(10'-") | | |
| CORD: CONSISTS OF NAVY TYPE MCOP-10 CABLE LENGTH AS SPECIFIED WITH AN-3106-20-8S CONNECTORS, AN-3057-12 CORD CLAMPS,CAP AND CHAIN. AN-9760-20P MAY BE USED WITH THIS CORD, BUT ARE NOT INCLUDED AND MUST BE SPECIFIED IF DESIRED. 8/1/44 CW:8-415041-4 CW: NOV. 44 | | | FIRST PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO. | | | COMPANY'S 7057 PLUG ON OTHER END. | | |
| CX-343/TPS-1B(50'-") AN/TPS-1B | | | CX-531/U(3'-") | | | CX-535/U | | |
| CORD: CONSISTS OF NAVY TYPE MCOP-9 CABLE 50' LONG, ONE END IS PROVIDED WITH A AN-3106-22P CONNECTOR AND AN-3057-12 CORD CLAMP. CAP AND CHAIN AN-9760-22P FOR THE FORMER END AND AN-9760-10P FOR THE LATTER END, MAY BE USED WITH THIS CORD, BUT ARE 8/1/44 CW:8-415041-7 CW: NOV. 44 | | | CORD CORD USED ON MK 20 MOD. 0. CARRIES POWER FROM TEST UNIT TS-104/TPH-1 TO THE RADAR INDICATOR THROUGH CX-532/U. CABLE CONSISTS OF A LENGTH (AS SPECIFIED) OF MCOP-10 WITH AN-3106-30-1S (POSITION 2) (GREEN) ON ONE END AND AN-3106-24-19S 10/19/44 CW:BR-410909-2 CW: NOV. 44 | | | CORD USED ON MOD. 0 AND MOD. 1. CARRIES POWER FROM THE RADAR POWER SUPPLY TO LINE MONITOR TS-106/TPH-1 AND ALSO TO THE WAVE GENERATOR THROUGH CX-532/U OR CX-540/U. CONSISTS OF A 12" LENGTH OF KS-9164 CABLE TERMINATED IN 10/19/44 CW:8L-433604 CW: NOV. 44 | | |
| NOT INCLUDED AND MUST BE SPECIFIED IF DESIRED. | | | CX-531/U(3'-") | | | AN-3106-24-3S CX-535/U | | |
| | | | (ORANGE) ON THE OTHER. FIRST PROCURED ON OTHER END. PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO. | | | (BLUE) CONNECTOR AND 6' LENGTH OF PAIRED 18 GAUGE TIREX TYPE S CABLE TERMINATED IN 97-5103-14S-9S (RED) CONNECTOR. THE OTHER ENDS OF THE TWO CABLES TERMINATE IN 97-5103-32-3S (GREEN) CONNECTOR. PROCURED ON CONTRACT NORD-3456 FROM W.E. CO. | | |
| CX-464/UP TS-148/UP | | | | | | | | |
| CORD: CONSISTS OF 4 FT. LENGTH OF TWO CONDUCTOR #18 WIRE WITH ONE CONDUCTOR COVERED WITH WHITE VINYLITE AND ONE WITH BLACK VINYLITE FURNISHED WITH ARMY TYPE PLUG PL-55 AND (NAVY TYPE 49109) AT EACH END. USED TO CONNECT CRYSTAL OF RADAR 9/16/44 CAY: H-7415326 SEPT. 44A | | | | | | | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CX-536/U(6'-")
CORD:
 CORD USED ON MK 20 MOD. 1. CARRIES POWER AND PULSE FROM THE RADAR INDICATOR TO THE TRANSMITTER. SIMILAR TO CX-339/TPS-1B EXCEPT THAT IT IS 6' LONG. THE ENDS ARE EQUIPPED WITH AN-3106-24-5P AND AN-3106-24-5S CONNECTORS CAP AND CHAIN
 10/19/44 CW:BL-433606 CM:
 NOV. 44

CX-535/U(6'-")
 ASSEMBLIES ARE NOT PROVIDED. PROCURED ON CONTRACT NORD-3456 FROM W.E. CO.

CX-537/U(6'-")
CORD:
 CORD USED ON MK 20 MOD. 1. CARRIES POWER FROM RADAR INDICATOR TO RECEIVER. SIMILAR TO CX-340/TPS-1B EXCEPT THAT IT IS 6' LONG. THE ENDS ARE EQUIPPED WITH AN-3106-20-7S AND AN-3106-20-7P CONNECTORS, CAP AND CHAIN ASSEMBLIES
 10/19/44 CW:BA-433607 CM:
 NOV. 44

CX-537/U(6'-")
 ARE NOT PROVIDED. PROCURED ON CONTRACT NORD-3456 FROM W.E. CO.

CX-538/U(6'-")
CORD
 CORD USED ON MK 20 MOD. 0. AND MOD. 1. CARRIES POWER FROM TEST UNIT TS-104/TPM-1 TO THE RADAR MODULATOR. CABLE IS A LENGTH (AS SPECIFIED) OF MCOP-10 WITH AN-3106-24-19P (RED) ON ONE END AND AN-3106-36-1S (RED) ON THE OTHER END. PROCURED ON
 10/19/44 CW:BL-433608 CM:
 NOV. 44

CX-538/U(6'-")
 CONTRACT NO. NORD-3456 FROM W.E. CO.

CX-539/U(6'-")
CORD:
 CORD USED ON MK 20 MOD. 1. CARRIES POWER FROM RADAR INDICATOR TO TEST UNIT TS-104/TPM-1. CONSISTS OF A LENGTH (AS SPECIFIED) OF KS-9162 CABLE WITH CONNECTORS AN-3106-24-19S (ORANGE) ON ONE END AND AN-3106-26-18P (RED) ON THE OTHER.
 10/19/44 CW:BL-433608 CM:
 NOV. 44

CX-539/U(6'-")
 PROCURED ON NORD-3456 FROM W.E. CO.

CX-540/U
CORD:
 CONSISTS OF TWO LENGTHS OF MCOP-5 CABLE (BU SHIPS SPEC 15C1) AND SIMPLEX TIREX TYPE "S". 2 COMD 18 AWG CORD. ENDS OF BOTH CABLES TERMINATE IN AN-3101-24-6P RECEPTACLE, & AN-3057-16 CLAMP (BROWN). OTHER END OF 10' LENGTH OF MCOP-5 CABLE
 10/19/44 CW: CM:BL-433610
 APR. 45B 930G

CX-540/U
 IS TERMINATED IN AN-3101-20-4P RECEPTACLE WITH AN-3057-12 CLAMP (WHITE). FREE END OF SIMPLEX 10' CORD IS TERMINATED WITH AN-3106-14S-9P PLUG AND AN-3057-6 CABLE CLAMP (RED). PROCURED ON CONTRACT NORD-3456 FROM W.E. CO.

CX-541/U(6'-")
CORD
 CORD USED ON MK 20 MOD. 1. CONNECTS POWER FROM THE RADAR INDICATOR TO LINE MONITOR TS-106/TPM-1. CONSISTS OF A LENGTH (AS SPECIFIED) OF KS-9162 CABLE WITH AN-3106-24-3P (YELLOW) ON ONE END AND AN-3106-36-14S (ORANGE) ON THE OTHER
 10/19/44 CW:BL-433611 CM:
 NOV. 44

CX-541/U(6'-")
 END. PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO.

CX-564/AR AN/ARW-17 REISA-1005A
CORD
 18 CONDUCTOR BATTERY CABLE 3 FOOT LONG TERMINATED AT ONE END BY ARC #6763 CONNECTOR AND AT THE END BY A TERMINAL STRIP. USED TO CARRY POWER FROM BATTERY SUPPLY TO RADIO RECEIVER R-64/ARW-17.
 10/28/44 COT: .
 OCT. 44

CX-678/U(5'-") AN/ARQ-10
CORD
 CONSISTS OF LENGTH AS SPECIFIED OF WF-2/U CABLE WITH PLUG AN-3106-22-4P AT ONE END AND PLUG AN-3108-22-4S AT THE OTHER.

1/16/45 CFT:NL-33225-1
 JAN. 45A

CX-679/ARQ-10 AN/ARQ-10
CORD: CONSISTS OF A 5 FT. LENGTH OF 24 WIRE CABLE. OUTER COVERING OF CABLE IS A TYPE 11. AN-MW-C-561-a ARMORED, SHIELDED CONDUIT WITH VINYLITE CASING. ENCLOSED WIRES, CLASS INSULATED, ARE AS FOLLOWS: 10 EACH OF #20; 3 EACH OF #16; 7 EACH OF #20 SHIELDED TYPE; 1
 1/16/45 CFT:
 JAN. 45

EACH OF #20 TWO-CONDUCTOR, SHIELDED. TWO CONDUIT COUPLING NUTS AN-3054-12 & TWO FERRULES AN-3050-12 CONNECT CABLE AT ONE END TO A 25 PIN CONTACT MALE PLUG (FEDERAL TELEPHONE #NL-33284-2-1) & AT THE OTHER TO A 25 SOCKET FEMALE PLUG (FEDERAL TELEPHONE #NL-33284-2-2); BOTH OF SIZE 36 SHELL. CORD CONNECTS POWER SUPPLY TO RECEIVER TRANS- MITTER OF AN/ARQ-10.

CX-680/ARQ-10 AN/ARQ-10
CORD: A 29 WIRE CABLE, 2 FT. IN LENGTH, HAS MALE TYPE, 30 PIN CONTACT PLUG, FEDERAL TELEPHONE #NL-33249-2-1 AT ONE END & A 30 SOCKET CONTACT FEMALE TYPE PLUG FEDERAL TELEPHONE #NL-33249-2-2 AT THE OTHER; OUTER COVERING IS ARMORED, SHIELDED & VINYLITE CASED
 1/16/45 CFT:
 JAN. 45

CONDUIT, TYPE 11, CX-680/ARQ-10
 AN-MW-C-561-a. ENCLOSED WIRES, GLASS INSULATED ARE AS FOLLOWS: 15 EACH OF #20; UNSHIELDED TYPE; 10 EACH OF #20, SHIELDED, 2 EACH OF #20 TWO-CONDUCTOR, SHIELDED. TWO CONDUIT COUPLING NUTS AN-3054-12 WITH TWO FERRULES AN-3050-12 FASTENED TO CONDUIT AT EACH END. CORD IS USED TO CONNECT INDICATOR-AMPLIFIER 10-78/ARQ-10 TO RECEIVER TRANSMITTER OF AN/ARQ-10.

COMPONENT INDICATOR "CY" CASE
 RIGID AND SEMI-RIGID STRUCTURE FOR HOUSING OR CARRYING EQUIPMENT

CY-4/ASQ-3 AN/ASQ-3
CASE
 CONSISTS OF A CABINET INTO WHICH THE CONVERTER CY-1/ASQ-3 AND THE OSCILLATOR O-3/ASQ-3 SLIDE LIKE DRAWERS.

3/16/43 CW:D-163934
 APR. 43

CY-9/CPN-3 AN/CPN-3
CASE:
 A METAL CASE OF THE RACK MOUNTING TYPE FOR MOUNTING CODER UNIT KY-1/CPN-3, RADIO RECEIVER R-11/CPN-3 AND MONITOR 10-13/CPN-3. DESIGNED TO FIT INTO CHEST CY-10/CPN-3.

4/10/43 CPR:258-4741
 SEPT 43

CY-10/CPN-3 AN/CPN-3
CHEST:
 A WEATHERPROOF WOODEN HOUSING FOR CASE CY-9/CPN-3 AND ITS COMPONENTS. APPROX 4 FEET HIGH BY 2-1/2 FEET WIDE.

4/9/43 CPR:555-3058
 SEPT 43

CY-11/CPN-3 AN/CPN-3
CASE:
 A METAL CASE FOR HOUSING RADIO TRANSMITTER T-8/CPN-3. DESIGNED TO FIT INTO CHEST CY-12/CPN-3.

4/9/43
 SEPT 43

CY-12/CPN-3 AN/CPN-3
CHEST:
 A WEATHERPROOF WOODEN HOUSING FOR CASE CY-11/CPN-3 WHICH CONTAINS RADIO TRANSMITTER T-8/CPN-3.

4/9/43 CPR:555-3073
 SEPT 43

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-55

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|---|-----------------------|--------------------|---|
| CY-17/TRC-1 | AN/TRC-1 | CASE: A 3/4 INCH WOOD CASE FOR TRANSPORTATION OF RADIO TRANSMITTER T-14(C)/TRC-1. SHOCK MOUNTS ACCOMMODATE GUIDE CHANNELS ON THE SIDES OF THE TRANSMITTER TO FACILITATE INSERTION INTO CASE. INCLUDES A CANVAS HOOD FOR PROTECTION FROM MOISTURE, WHICH 12/17/43 JUN. 44 | CY-59/APS-T1 | | MECHANISM. ENCLOSES BUT DOES NOT INCLUDE ALL UNITS OF THE EQUIPMENT EXCEPT PHOTO MULTIPLIER CV-7/APS-T1 & ITS MOUNTING FRAME WHICH BOLTS TO THE BACK OF THE CONSOLE & MAP CARRIAGE MX-46/APS-T1 WHICH RIDES ON TABLE TOP | CY-85/CPN-3A | AN/CPN-3A | CASE: A METAL CASE FOR HOUSING RADIO TRANSMITTER T-58/CPN-3A. SIMILAR TO CASE CY-11/CPN-3 EXCEPT FOR CHANGES IN INTERNAL BRACKETING. 2/1/44 FEB. 44 |
| CY-17/TRC-1 | | WHEN NOT IN USE, SLIDES INTO THE CABINET. DIMENSIONS APPROX. 21 1/8" LONG X 15 3/4" WIDE X 15 3/4" HIGH. | CY-68/CPN-8 | AN/CPN-8 | CASE: AN ALUMINUM CABINET WITH HINGED FRONT AND REMOVABLE REAR DOOR, AN AIR FILTER FOR THE BLOWER MOTOR AND A 4 UNIT RUBBER SHOCK MOUNTED RACK FOR USE IN HOUSING 4 MAJOR UNITS OF RADIO SET AN/CPN-8. EQUIPPED WITH 4 DETACHABLE EYE BOLT TYPE 7/20/44 APR. 45A | CY-110/U | GENERAL USE | RESTRICTED CARRYING CASE FOR OSCILLOSCOPE TS-34/AP AND ITS ACCESSORIES. CONSTRUCTED OF FIBER REINFORCED WITH PLYWOOD. SIZE 29" X 9 3/4" X 10" AND WEIGHING 15 3/4 LBS. 2/24/44 CW: FEB. 44 |
| CY-18/TRC-1 | AN/TRC-1 | CASE: A 3/4 INCH WOOD CASE FOR TRANSPORTATION OF RADIO RECEIVER R-19(C)/TRC-1. CONTAINS DRAWER BUILT INTO BOTTOM OF CASE FOR STORING SPARE TUBES, CORDS, ETC.. OF THE RECEIVER. SHOCK MOUNTS ACCOMMODATE GUIDE CHANNELS ON SIDES OF THE RECEIVER TO 12/17/43 JUN. 44 | CY-68/CPN-8 | | LIFTING HOOKS ON BOTH TOP AND BOTTOM HAS 3 HANDLES ON EACH SIDE. ALSO HAS OPEN WIRING WITH AN RECEPTACLES FOR POWER AND ALARM CIRCUITS AND THE NECESSARY RF PLUMBING FOR RF CONNECTIONS BETWEEN UNITS. | CY-111/ASQ-3 | AIRBORNE | RESTRICTED MACELLE: A STREAMLINED PLASTIC AND PLYWOOD HOUSING WITH CIRCULAR TAIL FINS AND NOSE EYELET FOR TOWING. THIS UNIT WILL HOUSE A MODIFIED MAGNETIC LOOP ASSEMBLY DT-2/ASQ-3 AND BE TOWED BY AIRCRAFT. 2/28/44 CW: FEB. 44 |
| CY-18/TRC-1 | | FACILITATE INSERTION INTO CASE. INCLUDES A CANVAS HOOD FOR PROTECTION FROM MOISTURE, WHICH, WHEN NOT IN USE, SLIDES INTO THE CABINET. DIMENSIONS ARE APPROX. 21 1/8" LONG X 15 3/4" WIDE X 15 3/4" HIGH. WEIGHT 32 1/2 POUNDS. | CY-79/ASQ-3 | AN/ASQ-3 | CASE: A METAL CASE 16 11/32" X 9" X 17" WEIGHING APPROX. 6.8 LBS. TO PROVIDE HOUSING FOR THE 0-3/ASQ-3 OSCILLATOR. THIS CASE SHALL BE PROVIDED WITH SHOCK MOUNTS WHICH WILL BE CONSIDERED PART OF THE CASE. USED WITH CY-80/ASQ-3 AND 1/25/44 CW:0-168735 CW:ESA-661104 JAN. 44 | CY-131/U | GENERAL USE | CASE: COMBINATION CASE FOR HOUSING TEST SET TS-172/UP, CONSTRUCTED OF A STEEL FRAME WITH PLYWOOD SIDES DIMENSIONS; 17 3/8" X 17 3/8" X 19 3/4". 3/15/44 CW: DEC. 44A |
| CY-19/CPN-3 | AN/CPN-3 | CASE: A WOODEN BOX FOR HOUSING ONE COMPLETE COMPLEMENT OF SPARE TUBES FOR RADIO SET AN/CPN-3 APPROXIMATE OVERALL DIMENSIONS 29" X 18-1/2" X 15-1/2". 7/15/43 SEPT 43 | CY-79/ASQ-3 | | J-56/ASQ-3 TO REPLACE CY-4/ASQ-3 FOR CERTAIN INSTALLATIONS. | CY-132/U | GENERAL USE | CASE: COMBINATION CASE FOR HOUSING TEST SET TS-172/UP AND ITS ASSOCIATED CORDS. CONSTRUCTED OF A STEEL FRAME WITH PLYWOOD SIDES, COLORED FOREST GREEN. DIMENSIONS: 17 3/8" X 17 3/8" X 19 3/4". INCLUDES CORD CG-99/AP(4'-"), CG-99/AP(6'-") AND CG-280/UP(4'-"). 08-431879+ B-431880+ B431888 3/15/44 CW:8-409057-1+ CW:409057-1 DEC. 44A @SEE ABOVE |
| CY-39/CPN-3 | AN/CPN-3 | CASE: A WOODEN BOX FOR HOUSING ONE COMPLETE SET OF SPARE FUSES FOR RADIO SET AN/CPN-3 AND ONE OIL CAN. DIMENSIONS ARE 5-1/2" X 3" X 1-3/4". THIS BOX HAS A HINGED LID. 9/13/43 SEPT 43 | CY-80/ASQ-3 | AN/ASQ-3 | CASE: A METAL CASE 10 5/16" X 16 11/32" X 17" WEIGHING APPROX. 7 LBS. TO PROVIDE HOUSING FOR THE CV-1/ASQ-3 CONVERTER UNIT. THIS CASE SHALL BE PROVIDED WITH SHOCK MOUNTS WHICH WILL BE CONSIDERED PART OF THIS CASE. USED WITH CY-79/ASQ-3 1/25/44 CW:0-168736 CW:ESA-661105 JAN. 44 | CY-132/U | | CY-132/U SIGN: 17 3/8" X 17 3/8" X 19 3/4". INCLUDES CORD CG-99/AP(4'-"), CG-99/AP(6'-") AND CG-280/UP(4'-"). |
| CY-57/APR-1 | AN/APR-1 | CASE: RECTANGULAR METAL BOX OPEN AT ONE END. MOUNTED ON RUBBER SHOCK-MOUNTS. SIZE: 8" X 10" X 14" APPROXIMATELY. TO HOLD TUNING UNIT TN-1/APR-1 OR EQUIVALENT 10/22/43 OCT. 43 | CY-80/ASQ-3 | | AND J-56/ASQ-3 TO REPLACE CY-4/ASQ-3 FOR CERTAIN INSTALLATIONS. | CY-133/UR | GENERAL USE | CASE: HOUSING OF FREQUENCY METER TS-173/UR AND HAS PROVISIONS FOR HOUSING RECTIFIER POWER UNIT PP-79/UR WHICH MAY BE REPLACED BY DRY BATTERIES. INCLUDES CARRYING HANDLE, "D" RINGS FOR ATTACHING SHOULDER STRAPS, SHOULDER STRAPS OF AN 3/21/44 MAR. 44 |
| CY-59/APS-T1 | AN/APS-T1 | CONSOLE CABINET: CONSISTS OF A GLASS TOP TABLE WITH A HOLE IN THE CENTER THROUGH WHICH A RADAR MAP SUPPORTED BY MAP CARRIAGE MX-46/APS-T1 IS SCANNED. INCLUDES OUTER SHEET METAL HOUSING & SUPPORTING STRUCTURE PLUS CASTERS & A TOP LEVELING 10/23/43 CAEY: OCT. 43 | CY-84/CPN-3A | AN/CPN-3A | CASE: A METAL CASE OF THE RACK MOUNTING TYPE FOR MOUNTING CODER KY-5/CPN-3A, RADIO RECEIVER R-66/CPN-3A AND MONITOR ID-13/CPN-3 ALSO PROVIDES MOUNTING FOR AND INCLUDES TWO BLOWERS PLUS ASSOCIATED MOTORS. 2/1/44 CPR: MAR. 44 | CY-133/UR | | ADJUSTABLE LENGTH UP TO 4 FT., HINGED DOOR AND REMOVABLE PANEL, THE FORMER FOR ACCESS TO FREQUENCY METER TS-173/UR THE LATTER FOR ACCESS TO RECTIFIER POWER UNIT PP-79/UR. DIMENSIONS 15 1/2" X 10" X 9". WT. 8 LBS. PART OF FREQUENCY METER TS-173/UR. |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

CY-143/GPS-T1 AN/GPS-T1
RESTRICTED
 CONSOLE: PORTABLE METAL CONSOLE FOR HOUSING AND PROVIDING MOUNTING FOR THE VARIOUS UNITS OF AN/GPS-T1. SIZE APPROX. 32" X 34" X 30". ALSO INCLUDES A SUPPORTING FRAMEWORK FOR BEARING-RANGE ASSEMBLY MX-168/GPS-T1.
 3/27/44
 MAR. 44

CY-170/CPN-6
 APPROX. 43" X 22" X 20".

CY-214/TPS-1B AN/TPS-1B
 CARRYING CASE BENCH: PLYWOOD CARRYING CASE WITH STEEL FRAMEWORK. HAS THREE ADJUSTABLE SHELVES AND IS USED FOR CARRYING TEST EQUIPMENT AND TO PROVIDE A WORK SPACE FOR TESTING. SIZE APPROX. 32" X 18" X 36". WT. APPROX. 95 LBS.
 6/30/44 CW:X66312F CW:BR-409506
 NOV. 44

CY-158/TPS-1B AN/TPS-1B
 CASE: CARRYING CASE FOR TRANSPORTING THE HORN, STRUTS TRANSMISSION LINE ETC. WHICH ARE PARTS OF AS-120/TPS-1B SQUARE STEEL TUBING CONSTRUCTION BUT IS PROVIDED WITH SIDE PANELS OF EITHER WIRE MESH OR SHEET ALUMINUM & MAY BE ATTACHED TO SHELTER
 4/17/44 CW:B-415980
 JULY 44

CY-177/U GENERAL USE
 CASE: CARRYING CASE FOR FIELD TEST SET TS-14/AP. MADE OF 18 GA STEEL. SIZE APPROX. 21 1/8" X 11 1/8" X 14 1/8".

CY-226/GPS-T1A AN/GPS-T1A
 CONSOLE: PORTABLE METAL CONSOLE FOR HOUSING AND PROVIDING MOUNTING FOR THE VARIOUS UNITS OF AN/GPS-T1A. INCLUDES A SUPPORTING FRAME WORK FOR BEARING RANGE ASSEMBLY MX-263/GPS-T1A. DIMENSIONS 35" X 33" X 43" (APPROX.) DIFFERS FROM CY-143/GPS-T1
 7/26/44
 JULY 44

CY-158/TPS-1B
 S- 12/TPS-1B TO SERVE AS AN INSECT PROOF ENTRANCE AND SCREEN DOOR. DIMENSIONS 49" X 35" X 24".

CY-194/UPM-2 AN/UPM-2
 CASE: CARRYING CASE WHICH HOUSES WAVEMETER TEST SET AN/UPM-2 WHEN NOT IN USE. ANTENNA AT-63 /UPM-2 IS CARRIED IN A CLIP PROVIDED IN THE LID. INCLUDES PROVISION FOR FIVE SPARE CRYSTALS IN21. A PERMANENTLY MOUNTED 0-1 MILLIAMETER WITH
 6/5/44 CANL: CANL:RA-74F-310C
 JUN. 44

CY-226/GPS-T1A
 IN MOUNTING PROVISIONS.

CY-159/TPS-1B AN/TPS-1B
 CASE: CARRYING CASE FOR PARTS OF ANTENNA ASSEMBLY AS-120/TPS-1B. SQUARE STEEL TUBING CONSTRUCTION OPEN ON ALL SIDES. DIMENSIONS 52" X 46" X 31".

CY-194/UPM-2
 PERMANENTLY ATTACHED CABLE FOR CONNECTING TO WAVEMETER. AUXILIARY CIRCUIT TERMINATING IN A JACK FOR CONNECTING TO OTHER TEST EQUIPMENT AND CALIBRATION CHART AND INSTRUCTION BOOK. SIZE: 5 5/8" X 8 3/4" X 13 1/16". WT. 11 LBS. 1 OZ.

CY-237/ARM-26 AN/ARM-26
 BATTERY BOX: WATER-PROOF, DUST-PROOF AND HUMIDITY-PROOF BATTERY BOX FOR HOUSING 3 EACH BATTERY BA-51, 1 EACH BATTERY BA-35 AND 2 EACH BATTERY BA-210/U. ELECTRICALLY IDENTICAL TO BATTERY BOX BX-28A EXCEPT WATER-PROOFED WITH SPECIAL WATER-
 12/29/44
 MAY 45A

4/17/44 CW:B-415970
 JULY 44

CY-160/TPS-1B AN/TPS-1B
 CASE: CARRYING CASE FOR PARTS OF ANTENNA ASSEMBLY AS-120/TPS-1B SQUARE STEEL TUBING CONSTRUCTION OPEN ON ALL SIDES. DIMENSIONS 63" X 59" X 43".

CY-195/SPR-2 AN/SPR-2
 CASE: RECTANGULAR METAL CASE FOR HOUSING TUNING UNIT TN-56/SPR-2, TN-57/SPR-2 OR TN-58/SPR-2 APPROX. SIZE 6" X 10" X 20".

CY-237/ARM-26
 PROOF RECEPTACLE. MADE OF LACQUERED ALUMINUM, CONTAINS INTERNAL BATTERY HOOK UP HARNESS CONNECTED TO WATER-PROOF RECEPTACLE. APPROX. SIZE 4" X 5" X 13". WT: 2 LBS.

4/17/44 CW:B-415960
 JULY 44

6/7/44
 JUN. 44

CY-166/CPN-8 AN/CPN-8
 CASE: CONSISTS OF A RECTANGULAR METAL BOX WITH HINGES LID FOR HOUSING MASTHEAD AS-72/CPN-8. ANTENNA SUPPORT AS-19/CPN-8 ASSOCIATED TOOLS, AND RIGID PLUMBING. DIMENSIONS: (APPROX) 16 1/2" X 67 1/2" X 14 1/2".
 4/22/44
 APR. 45A

CY-195A/SPR-2 AN/SPR-2A
 CASE: RECTANGULAR METAL CASE FOR HOUSING TUNING UNIT TN-56/SPR-2, TN-57/SPR-2 TN-58/SPR-2, TN-56A/SPR-2 OR TN-57A/SPR-2 APPROX. SIZE 6" X 10" X 20". PART OF AN/SPR-2A, SIMILAR TO CY-195/SPR-2 EXCEPT FOR MINOR DESIGN CHANGES.
 2/16/45
 FEB. 45

CY-245/U TS-148/UP
 CASE: ALUMINUM SPARE PARTS AND ACCESSORIES BOX. APPROX. SIZE: 17" X 8" X 11" USED TO HOLD SPARE PARTS AND ACCESSORIES FOR THE TS-148/UP SPECTRUM ANALYZER. THIS CASE IS MOUNTED WITH SNAP SLIDES INSIDE OF CARRYING CASE CY-246/U. FIRST PROCURED OF
 8/22/44 CAT: T-7613623
 AUG. 44

CY-169/CPN-6 AN/CPN-6
 TRANSMITTER CABINET: A SPLASH-PROOF HOUSING FOR TRANSMITTER-MODULATOR T-79/CPN-6 AND TRANSMITTER POWER SUPPLY PP-93/CPN-6. INCLUDES METER ASSEMBLY, SWITCHES AND A CABINET BLOWER. DOOR IS HINGED ON LEFT HAND SIDE. SIZE APPROX 43" X 22" X 20"
 4/29/44 CCG:
 APR. 44

CY-213/AP TS-34A/AP
 CASE: ALUMINUM CASE: APPROXIMATE SIZE 23" X 11" X 12" USED TO CARRY CATHODE RAY OSCILLOSCOPE TS-34A/AP, 2 PROBE ASSEMBLIES MX-50/AP, 2 TYPE CG-72/U CORD ASSEMBLIES, 2 TYPE CX-152/U CORD ASSEMBLIES, AND 1 TYPE CX-150/U CORD ASSEMBLY.
 6/23/44 CW: CW:BR-409496
 AUG. 44

CY-245/U
 NX5a-59108 AND NX5a-51586. PART OF TS-148/UP.

CY-170/CPN-6 AN/CPN-6
 RECEIVER CABINET: SPLASH PROOF HOUSING FOR RADAR RECEIVER R-88/CPN-6. CODER KY-6 /CPN-6 AND MODULATOR DRIVER AM-44/CPN-6. CONTAINS THE NECESSARY TIMERS (TIMER DELAY RELAYS), SWITCHES AND A CABINET BLOWER. DOOR IS HINGED ON RIGHT SIDE. SIZE
 4/29/44 CCG:
 APR. 44

CY-213/AP
 TOTAL WEIGHT OF CASE AND EQUIPMENT APPROX. 39 LBS. PART OF TS-34A/AP. FIRST PROCURED ON CONTRACT NO. NX5P 51503. MANUFACTURER: WESTERN ELECTRIC CO. 120 BROADWAY, NEW YORK, N.Y.

CY-246/U TS-148/UP
 CARRYING CASE: ALUMINUM CASE. APPROX SIZE: 24" X 19" X 12" CONSTRUCTED SO THAT IT IS SEMI-WATER TIGHT AND SPLASH PROOF. USED TO CARRY SPECTRUM ANALYZER, SPARE PARTS AND ACCESSORY BOX CY-245/U AND SHOCK MOUNTING MT-325/U. PART OF TS-148/UP. FIRST
 8/22/44 CAT: T-7613649
 AUG. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

DT-2/ASQ-3 AN/ASQ-3
 MAGNETIC LOOP ASSEMBLY CONFIDENTIAL
 CONSISTS OF THREE MUTUALLY PERPENDICULAR FLUXGATE MAGNETOMETER ELEMENTS MOUNTED IN A SET OF GIMBAL RINGS AND TWO 130 CYCLE TWO PHASE MOTORS, EACH OF WHICH DRIVES ONE GIMBAL RING THROUGH A FABRIC BELT. MAGNETOMETERS RECEIVE THEIR INPUT FROM THE OSCILLATOR 0-3/ASQ-3.
 3/16/43 CM: D-165926
 APR. 43

DT-2/ASQ-3
 INPUT FROM THE OSCILLATOR 0-3/ASQ-3 FOR USE IN 28 VOLT PLANES.

DT-3/ASQ-1A AN/ASQ-1A
 HEAD UNIT: A HEAD ASSEMBLY CONSISTING OF A DETECTING HEAD AND STABILIZING MECHANISM WHICH IS MOUNTED ON A METAL FRAME & IS THE INTEGRAL PART OF THE UNIT. MOTORS ARE FED FROM STABILIZING UNIT & OPERATE TO KEEP THE DETECTOR COIL PROPERLY ORIENTED IN THE EARTH'S FIELD.
 5/7/43 CLU:
 AUG. 43

DT-3/ASQ-1A
 FIELD. SIMILAR TO HEAD UNIT DT-1/ASQ-1 BUT EMPLOYS A THIRD AXIS OF ROTATION TO REMOVE THE LOW LATITUDE BANK & TURN LIMITATION. FOR USE IN PLACE OF HEAD UNIT DT-1/ASQ-1 FOR WHICH IT IS MECHANICALLY & ELECTRICALLY INTERCHANGEABLE AS A WHOLE WHEN USED IN CONNECTION WITH AUXILIARY AMPLIFIER AM-9/ASQ-1A. FIRST PURCHASED UNDER CONTRACT OEMS1-20.

DT-3A/ASQ-1A AN/ASQ-1A
 HEAD UNIT: CONFIDENTIAL
 CONSISTS OF A DETECTING HEAD AND STABILIZING MECHANISM MOUNTED ON A METAL FRAME. MOTORS ARE FED FROM STABILIZING UNIT & OPERATE TO KEEP THE DETECTOR COIL PROPERLY ORIENTED IN THE EARTH'S FIELD. SIMILAR TO HEAD UNIT DT-1/ASQ-1 BUT EMPLOYS A THIRD AXIS OF ROTATION TO REMOVE THE LOW LATITUDE BANK & TURN LIMITATION AND IS INTERCHANGEABLE WITH THIS UNIT WHEN USED IN CONNECTION WITH AUXILIARY AMPLIFIER AM-9/ASQ-1A. IT IS ALSO INTERCHANGEABLE WITH UNIVERSAL HEAD UNIT DT-3/ASQ-1A BUT INCLUDES MECHANICAL IMPROVEMENTS. FIRST PURCHASED UNDER CONTRACT OEMS1-20.
 6/7/43 CLU:
 AUG. 43

DT-3A/ASQ-1A
 PLOYS A THIRD AXIS OF ROTATION TO REMOVE THE LOW LATITUDE BANK & TURN LIMITATION AND IS INTERCHANGEABLE WITH THIS UNIT WHEN USED IN CONNECTION WITH AUXILIARY AMPLIFIER AM-9/ASQ-1A. IT IS ALSO INTERCHANGEABLE WITH UNIVERSAL HEAD UNIT DT-3/ASQ-1A BUT INCLUDES MECHANICAL IMPROVEMENTS. FIRST PURCHASED UNDER CONTRACT OEMS1-20.

DT-4/ASQ-3A AN/ASQ-3A
 MAGNETIC LOOP ASSEMBLY CONFIDENTIAL
 CONSISTS OF THREE MUTUALLY PERPENDICULAR FLUXGATE MAGNETOMETER ELEMENTS MOUNTED IN A SET OF GIMBAL RINGS AND TWO 130 CYCLE TWO PHASE MOTORS, EACH OF WHICH DRIVES ONE GIMBAL RING THROUGH A FABRIC BELT. MAGNETOMETERS RECEIVE THEIR INPUT FROM THE OSCILLATOR 0-3/ASQ-3.
 8/28/43 CM:
 SEPT 43

DT-4/ASQ-3A
 OSCILLATOR 0-3/ASQ-3. FOR USE IN 28 VOLT AIRCRAFT. IDENTICAL TO DT-2/ASQ-3 EXCEPT MINUS THREE TERMINAL NETWORK WHICH IS NOW INCLUDED IN CV-3/ASQ-3.

DT-6/ASQ-3 AN/ASQ-3 CONFIDENTIAL
 MAGNETIC LOOP ASSEMBLY:
 CONSISTS OF THREE MUTUALLY PERPENDICULAR FLUXGATE MAGNETOMETER ELEMENTS MOUNTED IN GIMBAL RINGS AND TWO 130 CYCLE TWO PHASE MOTORS, EACH OF WHICH DRIVES ONE GIMBAL RING THROUGH A FABRIC BELT. MAGNETOMETERS RECEIVE THEIR INPUT FROM THE OSCILLATOR 0-3/ASQ-3 FOR USE IN 28 VOLT PLANES. SAME AS BUT NOT INTERCHANGEABLE WITH MAGNETIC LOOP ASSEMBLY DT-2/ASQ-3 EXCEPT DESIGNED FOR INSTALLATION IN MACELLE CY-111/ASQ-3 AND INCLUDES A SWIVEL CONNECTOR.
 4/21/44 CM: D-165926
 APR. 44

DT-6/ASQ-3
 INPUT FROM THE OSCILLATOR 0-3/ASQ-3 FOR USE IN 28 VOLT PLANES. SAME AS BUT NOT INTERCHANGEABLE WITH MAGNETIC LOOP ASSEMBLY DT-2/ASQ-3 EXCEPT DESIGNED FOR INSTALLATION IN MACELLE CY-111/ASQ-3 AND INCLUDES A SWIVEL CONNECTOR.

COMPONENT INDICATOR "DY" DYNAMOTOR UNIT

PLUG-IN TYPE, SEPARATE DYNAMOTOR POWER UNIT WHEN A MAJOR COMPONENT

***DY-1/ARR-2X AN/ARR-2X**
 DYNAMOTOR:
 INPUT: 11 TO 15 V, 2.2 AMP DC; OUTPUT: 250 V, 60 MA DC; DYNAMOTOR PROPER MANUFACTURED BY WESTINGHOUSE. SAME AS *DY-2/ARR-2 EXCEPT FOR INPUT RATING.
 "AN" DESIGNATION FOR NAVY TYPE -21980. (21980)
 1/25/43 CM: ESXX-749986
 JULY 43A ISSUE 5

***DY-2/ARR-2 AN/ARR-2**
 DYNAMOTOR:
 INPUT: 26 V (22 TO 30) 1.1 AMP DC; OUTPUT: 250 V, 60 MA DC. DYNAMOTOR PROPER MANUFACTURED BY WESTINGHOUSE. SAME AS *DY-1/ARR-2X EXCEPT FOR INPUT RATING. SAME AS *DY-2A/ARR-2 EXCEPT DYNAMOTOR PROPER IS MANUFACTURED BY WESTINGHOUSE.
 1/25/43 CM: CM: ESO-695208-2
 JAN. 44

***DY-2A/ARR-2 AN/ARC-5**
 DYNAMOTOR:
 PLUG IN TYPE. INPUT: 28 V, 1.1 AMP DC; OUTPUT: 250 V AT 60 MA DC; INCLUDES A CONTINENTAL ELECT CO TYPE DM-310 DYNAMOTOR. FOR USE WITH RECEIVERS OF RAT, RAY, ARA, *AN/ARR-2 AND AN/ARC-5 ETC. EQUIPMENT. SAME AS TYPE -21400 EXCEPT 7/1/43 CBY:5017
 MAY 44

***DY-2A/ARR-2**
 FOR INPUT RATING. SAME AS *DY-2/ARR-2 EXCEPT DYNAMOTOR PROPER IS MANUFACTURED BY CONTINENTAL ELECTRIC INSTEAD OF WESTINGHOUSE. NAVY TYPE -21531.

DY-2B/ARR-2 AN/ARR-2
 DYNAMOTOR:
 PLUG-IN TYPE. SHUNT WOUND. INPUT 28V., 1.6 AMP. DC. OUTPUT: 250V AT 60 MA. D.C. SIMILAR TO DY-2/ARR-2 EXCEPT WT IS 2 LBS. INSTEAD OF 2.9 LBS. FOR USE WITH RECEIVERS OF RAT, RAY, ARA, AN/ARR-2 AND AN/ARC-5 EQUIPMENT. NAVY TYPE 21531.
 5/4/44 CAFF:FF2
 JULY 44

DY-2B/ARR-2
 SAME AS DY-2A/ARR-2 EXCEPT DYNAMOTOR PROPER IS MANUFACTURED BY A.G. REDMOND SALES CO. INSTEAD OF CONTINENTAL ELECTRIC CO.

***DY-2C/ARR-2 AN/ARR-2**
 DYNAMOTOR:
 PLUG IN TYPE. INPUT 28V., 1.6 AMP. DC. OUTPUT: 250V. AT 60 MA. DC. IDENTICAL ELECTRICALLY AND MECHANICALLY TO DY-2B/ARR-2 EXCEPT IS PERMANENT MAGNET TYPE INSTEAD OF SHUNT WOUND. WEIGHS 1.9 LBS. INSTEAD OF 2 LBS. SIMILAR TO AND 5/4/44 CC:DM-316
 MAY 44 CAFF:FF2

INTER-CHANGEABLE WITH DY-2/ARR-2. FOR USE WITH RECEIVERS OF RAT, RAY, ARA, AN/ARR-2 AND AN/ARC-5.

DY-4/ASQ-1 AN/ASQ-1
 DYNAMOTOR: RESTRICTED
 A DYNAMOTOR UNIT WITH FILTER IN THE BASE WHICH SUPPLIES HIGH DIRECT CURRENT VOLTAGE TO OSCILLATOR 0-1/ASQ-1.

1/29/43 CLU:
 AUG. 43 CLX:CGO:

DY-5/ARR-3 AN/ARR-3
 DYNAMOTOR UNIT:
 CONSISTS OF A DYNAMOTOR WITH 26V DC INPUT AND 180V, 100 MA. OUTPUT FOR PLATE VOLTAGE SUPPLY; 1 RELAY 1 FILTERING UNIT 1 RECEPTACLE WHICH IS ARMY-NAVY PART NO. AN 3102-22-5S. 1 RECEPTACLE WHICH IS ARMY NAVY PART NO. AN 3102-20-5P.
 11/16/43
 NOV. 43

DY-5/ARR-3
 APPROXIMATE OVERALL DIMENSIONS ARE 8 11/16" X 4 11/16" X 8 3/32".

DY-5A/ARR-3 AN/ARR-3
 DYNAMOTOR UNIT:
 CONSISTS OF A DYNAMOTOR WITH 26V DC INPUT AND 180V, 100 MA. OUTPUT FOR PLATE VOLTAGE SUPPLY; 1 RELAY 1 FILTERING UNIT. 1 RECEPTACLE WHICH IS ARMY-NAVY PART NO. AN 3102-22-5S. 1 RECEPTACLE WHICH IS ARMY NAVY PART NO. AN 3102-20-5P.
 2/2/44
 FEB. 44

DY-5A/ARR-3
 APPROXIMATE OVERALL DIMENSIONS ARE 8 11/16" X 4 11/16" X 8 3/32". SAME AS DYNAMOTOR DY-5/ARR-3 EXCEPT DOES NOT INCLUDE DUST COVER.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

DY-23/APX-1A
RECEIVER TRANSMITTER RT-55 /APX-

ING. HAS SINGLE ARMATURE DY-31/ARC-2 HAVING 2 BALL BEARINGS HELD IN PLACE BY 2 ALUMINUM END CASTINGS; COOLED BY MEANS OF AN INTERNAL FAN; LEAD TERMINATIONS ARE TO .173 ID, FOR USE WITH 8A.ANA PLUG; NEGATIVE TERMINALS OF BOTH INPUT AND 2 OUTPUT ARE GROUNDED IN BRUSH HOLDER. CONDENSERS ARE PLACED ACROSS EACH BRUSH HOLDER TO REDUCE INTERFERENCE. WT. APPROX. 9 LBS.

F-5/AR
TERMINALS OF THE UNIT ARE AIRCRAFT RADIO CORP. #7024 RECEPTACLE. CONTAINS TWO 4 MFD. CAPACITORS AND A COIL. APPROX SIZE IS 5 1/2" X 3 1/2" X 2 1/4".

DY-24/APX-1AX AN/APX-1AX
DYNAMOTOR UNIT: CONFIDENTIAL
INPUT 191.5W @ 13V DC. OUTPUT: 450V DC. APPROX 130W. SUPPLIES POWER TO RECEIVER TRANSMITTER RT-56 /APX-1AX. ALSO INCLUDES VOLTAGE REGULATOR CIRCUITS TO MAINTAIN PROPER INPUT VOLTAGE. ALSO INCLUDES CHASSIS AND PROVIDES MOUNTING FOR 4/13/44 CHZ:
APR. 44

DY-34/ARR-15 AN/ARR-15
DYNAMOTOR:
USED FOR PLATE VOLTAGE SUPPLY.
OUTPUT: 220V. .095A DC. INPUT: 26.5V DC @ 1.8A. RCA DWG. NO. M-430300. PART OF R-170/ARR-15. SUPPLIES NECESSARY HIGH VOLTAGE POWER TO RADIO RECEIVER
5/3/45
MAY 45 949D

F-6/AR AIRCRAFT NRL:RA-28F-213
LINE FILTER: SHEET 3D
LINE FILTER TO BE CONNECTED IN AIRCRAFT 26 VOLT DC POWER SUPPLY LINE TO RADIO RECEIVER FOR FILTERING LINE VOLTAGE NOISE. THIS FILTER IS RATED AT 6 AMPERES CURRENT CONTINUOUS AND USED ONLY IN 26 VOLT DC AIRCRAFT POWER SUPPLY LINE. THE 11/8/43 CFFJ:
JAN. 44 CAJJ:

DY-24/APX-1AX
RECEIVER TRANSMITTER RT-56 /APX-1AX.

R-170/ARR-15.

F-6/AR
INPUT AND OUTPUT TERMINALS OF THE UNIT ARE 3 PRONG ARMY TYPE RECEPTACLE SO-40 PER ARMY DWG. SC-D-457. CONTAINS TWO 4 MFD. CAPACITORS AND A COIL. SIZE APPROX 5 1/2" X 3 1/2" X 2 1/4".

DY-25/AXT-2 AN/AXT-2 RE 13A864A
DYNAMOTOR: RESTRICTED
SUPPLIES PLATE VOLTAGE AND GRID BIAS TO BOTH RADIO TRANSMITTER T-61/AXT-2 AND CONVERSION UNIT PH-522/AXT-2. INPUT 26.5V DC OUTPUT: 405 OR 750-VOLTS DC. AT 500 MA OR 225 MA RESPECTIVELY AND 50V DC @ 5-10 MA SIZE APPROX: 8" X 6" X 12".
5/27/44 CRV:
JUN. 44

COMPONENT INDICATOR "F" FILTERS
INCLUDES: FILTERS FOR BAND-PASS, NOISE REDUCTION, AND TELEPHONE EQUIPMENT.

F-7/AR AIRCRAFT NRL:RA-28F-213
LINE FILTER: SHEET 4D
LINE FILTER TO BE CONNECTED IN AIRCRAFT 26 VOLT DC AND 110 VOLT AC POWER SUPPLY LINES TO RADIO TRANSMITTER FOR FILTERING LINE VOLTAGE NOISE. THIS FILTER IS RATED AT 8 AMPERES CURRENT CONTINUOUS. THE INPUT AND OUTPUT TERMINALS ARE 6 PRONG
11/8/43 CFF:
JAN. 44 CAJJ:

DY-25/AXT-2
APPROX. 24 LBS. SIMILAR TO DY-19/AXT-2 EXCEPT FOR INPUT OF 26.5V DC INSTEAD OF 28.5V DC. PRODUCED ON CONTRACT NXsa-49669 FROM RCA.

F-3/APR-2 AN/APR-2
ANTENNA FILTER: RESTRICTED
FILTER CONSISTS OF A COAXIAL LINE 20-1/4" LONG, WITH A DIAMETER OF 1-1/4". THE INNER & OUTER CONDUCTORS ARE SILVER PLATED BRASS. POLYSTYRENE RINGS ARE USED FOR INSULATION. "N" TYPE CONNECTORS ARE PROVIDED AT EACH END. THE FILTER HAS LOW
7/31/43 CFF:C-1119-C1
AUG. 43

F-7/AR
ARMY TYPE RECEPTACLE SO-45 PER ARMY DWG. SC-D-457. CONTAINS TWO 4 MFD. AND 2 (3X.25 MFD) CAPACITORS AND A COIL. APPROX SIZE 6.5" X 4 1/4" X 3".

DY-26/AXT AN/AXT-2
DYNAMOTOR: CONFIDENTIAL
SUPPLIES PLATE VOLTAGE AND GRID BIAS AND FILAMENT CURRENT TO T-61/AXT-2, AND PH-522/AXT2, OR ATK, OR ATJ, OR CONVERSION UNIT & TRANSMITTER OF AN/AXT-6. INPUT 23.5 TO 29.5V (NOMINAL 26.5). OUTPUT: (NOT TO VARY MORE THAN 5%) AS FOLLOWS:
6/14/44
JUN. 44

F-3/APR-2
PASS CHARACTERISTICS WITH CUT OFF AT 400 MC. FORMERLY DESIGNATED ANTENNA FILTER FL-28(-).

F-8/AR AIRCRAFT NRL:RA-28F-213
LINE FILTER: SHEET 1D
LINE FILTER TO BE CONNECTED IN AIRCRAFT POWER SUPPLY LINES TO THE RADIO TRANSMITTER FOR FILTERING LINE VOLTAGE NOISE. THIS FILTER IS RATED AT 6 AMPERES CURRENT CONTINUOUS USED WITH 26 VOLT DC AND 110 V AC AIRCRAFT POWER SUPPLY. THE 11/8/43 CFF:
JAN. 44 CHX:

775V DY-26/AXT-2
DC @ .225A. 405 V DC @ .345A, -53 V DC @ .05A & 19.8 V AC @ 3.5A AND 90-. SIMILAR TO DY-19/AXT-2 AND DY-25/AXT-2 EXCEPT HAS CARBON PILE FIELD CURRENT REGULATOR. DEVELOPED UNDER CONTRACT NXsa 65349 WITH BENDIX RADIO DIV. PART OF AN/AXT-6. USED WITH BUT NOT PART OF AN/AXT-2.

F-4/SPR-1 AN/SPR-1
FILTER: CONFIDENTIAL
CUT-OFF AT 3300 MC. PASSING ALL LOWER FREQUENCIES. 3/4" DIAMETER AND ABOUT 8 INCHES LONG.

F-8/AR
INPUT AND OUTPUT TERMINALS ARE 6 PRONG ARMY TYPE RECEPTACLE SO-45 PER ARMY DWG. NO. SC-D-457. CONTAINS FOUR 4 MFD. CAPACITORS AND 2 (3X.25 MFD) CAPACITORS AND A COIL. APPROX SIZE 6.5" X 5.5" X 3".

10/15/43
OCT. 43

DY-31/ARC-2 AN/ARC-2 949
DYNAMOTOR:
PROVIDES ALL NECESSARY HIGH VOLTAGES TO RT-91/ARC-2. INPUT VOLTAGE: 26.5 VOLTS DC. 11.5 AMPS. OUTPUT VOLTAGES: 500V @ 325 MA @ 162W AND 260V DC @ 125 MC. @ 32W. TWO POLES. SHUNT WOUND. SELF-EXCITED DYNAMOTOR WITH STARTING SERIES WIND-1/26/45 CEK:NL4102-165 COL:231-0025-00
MAY 45 CWD: CEK:DS-462

F-5/AR AIRCRAFT NRL:RA-28F-213
LINE FILTER: SHEET 5D
LINE FILTER TO BE CONNECTED IN AIRCRAFT 26 VOLT DC POWER SUPPLY LINE FOR FILTERING LINE VOLTAGE NOISE. THIS FILTER IS RATED AT 25 AMPERES CURRENT CONTINUOUS AND USED ONLY IN 26 VOLT DC AIRCRAFT POWER SUPPLY LINE. THE INPUT AND OUTPUT 11/8/43 CFFJ:
JAN. 44 CAJJ:

F-9/ARR-9 AN/ARR-9
RELAY SIGNAL SEPARATOR: CONFIDENTIAL
RECEIVES THE VIDEO PULSE SIGNALS INDICATING THE SWEEP SYNCHRONIZATION PULSE FOR THE RANGE INDICATOR ID-45/ARR-9, THE ORIENTATION PULSE FOR PORT AND STARBOARD INDICATION AND THE "ECHOES" INDICATING THE REFLECTING OBJECT AND
11/30/43 CADU:
NOV. 43

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

F-9/ARR-9
 SEPARATES THESE PULSES TO OPERATE ID-45/ARR-9 SO THAT IT CONVEYS THE INTELLIGENCE AS IF LOCATED AT THE SITE OF AN/APRS-18 INPUT: 1.6A AT 115V/10/800-1400 CYCLES. DC POWER SELF RECTIFIED AND SELF CONTAINED.

F-18/UPR
 VARIABLE CONDENSER AND INHERENT INDUCTANCE) CONNECTED BETWEEN ANTENNA AND GROUND. MOUNTED IN BLACK BOX 4" X 6" X 3" WITH 20" OF RF CABLE RG-10/U. SIMILAR TO TS-244/UPR EXCEPT FOR FREQUENCY RANGE. USED WITH AN/APR-1 SERIES EQUIPMENT.

F-24/MPH-1A
 APPROX. 4500 CYCLES. 300 OHM INPUT AND 170 OHM OUTPUT. SIZE 19" X 12 1/8" X 4 31/32". WT. 20 LBS.

F-10/CPN-3A AN/CPN-3A
 DISCRIMINATOR:
 PASSES 2 MICROSEC. PULSES FROM RECEIVER R-11B/CPN-3 TO CODER KY-5/CPN-3A BUT WILL NOT PASS NORMAL RADAR SEARCH PULSE OF ONE MICROSEC. INCLUDES 4 TYPE 6 SN7GT AND 2 TYPE 6 SJ7GT TUBES. POWER SUPPLY 115V/10/50 TO 70-. MOUNTS IN CHASSIS OF 1/27/44 CPR:
 JAN. 44

F-19/UPR GEN. USE RESTRICTED
 WAVE TRAP:
 USED TO DETERMINE THE FREQUENCY OF INCOMING RADAR SIGNALS IN THE FREQUENCY RANGE OF 90 TO 300 MC. ELIMINATES CONFUSING ACTUAL SIGNALS WITH HARMONICS OR SPURIOUS RESPONSES IN THE ASSOCIATED RECEIVER. CONSISTS OF A WAVE TRAP (A 8/24/44 CAFG:
 OCT. 44

F-26/UPR AN/SPR-2, AN/APR-5AX
 WAVE TRAP:
 USED TO ELIMINATE HARMONICS AND SPURIOUS RESPONSES FROM INCOMING RADAR SIGNALS IN THE RANGE 1000 TO 6200 MC. FOR USE WITH RECEIVING EQUIPMENTS AN/SPR-2 AND AN/APR-5AX. CONSISTS OF AN ADJUSTABLE TUNING STUB CALIBRATED DIRECTLY IN MCS. 12/20/44 DEC. 44

F-10/CPN-3A
 CODER KY-5/CPN-3A.

F-19/UPR
 VARIABLE CONDENSER AND INHERENT INDUCTANCE) CONNECTED BETWEEN ANTENNA AND GROUND. MOUNTED IN BLACK BOX 4" X 6" X 3" WITH 20" OF RF CABLE RG-10/U.
 USED WITH AN/APR-1 SERIES, AN/APR-4, AN/SPR-1, RDO AND SIMILAR EQUIPMENT.

F-26/UPR
 CONNECTS RECEIVER TO ANTENNA WITH ADDITION OF SHORT LENGTH OF CABLE RG-10/U. TUNING IS ACCOMPLISHED BY A DIAL AND CRANK MECHANISM. AN "IN", "OUT" SWITCH IS MOUNTED ON FRONT PANEL. UNIT IS SIMILAR TO F-20/UPR ELECTRICALLY BUT HAS MECHANICAL MODIFICATIONS.

F-12/CPN-6 AN/CPN-6
 DISCRIMINATOR: CONFIDENTIAL
 ACCEPTS VIDEO PULSE SIGNALS OF 2 TO 5 MICROSECS. DURATION REJECTING ALL OTHERS AND PASSES THESE ON TO CODER KY-6/CPN-6. INCLUDES 2 STAGES VIDEO AMPLIFIER AND 2 STAGES AURAL MONITOR AND CATHODE FOLLOWER FOR ISOLATION OF RE-4/29/44 CCG:
 APR. 44

F-20/UPR AN/APR-1 SERIES
 WAVE TRAP: RESTRICTED
 USED TO DETERMINE THE FREQUENCY OF INCOMING RADAR SIGNALS IN THE FREQUENCY RANGE OF 300 TO 3000 MCS. ELIMINATES CONFUSING ACTUAL SIGNALS WITH HARMONIC OR SPURIOUS RESPONSES IN THE ASSOCIATED RECEIVER. SIMILAR TO ANTENNA TUNING STUB 8/26/44 CARJ:
 NOV. 44

F-27/UPR AN/APR-1 SERIES
 WAVE TRAP: RESTRICTED
 USED TO DETERMINE THE FREQUENCY OF INCOMING RADAR SIGNALS IN THE FREQUENCY RANGE OF 180 TO 340 MCS. ELIMINATES CONFUSING ACTUAL SIGNALS WITH HARMONIC OR SPURIOUS RESPONSES IN THE ASSOCIATED RECEIVER. SIMILAR TO ANTENNA TUNING 1/12/45 CARJ:
 JAN. 45

F-12/CPN-6
 CEIVER OUTPUT TEST POINT. INPUT: 250V FROM CODER POWER SUPPLY AND 6.3V FROM RADAR RECEIVER R-88/CPN-6. PART OF RADAR RECEIVER R-88/CPN-6.

F-20/UPR
 OF NAVY MODEL ARD-2. CONSISTS OF A COAXIAL SWITCH, BRASS RODS AND SLIDING SHUNTING BAR. EQUIPMENT IS 20" LONG X 6" WIDE. USED WITH AN/APR-1 SERIES, AN/APR-5AX AND AN/SPR-2 EQUIPMENT.

F-27/UPR
 STUB OF NAVY MODEL ARD-2. CONSISTS OF A COAXIAL SWITCH, BRASS RODS AND SLIDING SHUNTING BAR. EQUIPMENT IS 30" LONG X 6" WIDE. USED WITH AN/APR-1 SERIES, AN/APR-5AX AND AN/SPR-2 EQUIPMENT. IDENTICAL TO F-20/UPR EXCEPT 30" LONG INSTEAD OF 20" AND COVERS GREATER FREQUENCY RANGE.

F-12A/CPN-6 AN/CPN-6 & 17
 DISCRIMINATOR: CONFIDENTIAL
 ACCEPTS VIDEO PULSE SIGNALS OF 2 TO 3 1/2 MICROSECS. DURATION REJECTING ALL OTHERS AND PASSES THESE ON TO CODER KY-6A/CPN-6. INCLUDES VIDEO AMPLIFIER AND 2 STAGES AURAL MONITOR AND CATHODE FOLLOWER FOR ISOLATION OF RECEIVER OUT-4/29/44 CCG:
 MAY 45

F-22/UPR GEN. USE RESTRICTED
 WAVE TRAP:
 USED TO DETERMINE THE FREQUENCY OF INCOMING RADAR SIGNALS IN THE FREQUENCY RANGE OF 150 TO 3400 MC. ELIMINATES CONFUSING ACTUAL SIGNALS WITH HARMONICS OR SPURIOUS RESPONSES IN THE ASSOCIATED RECEIVER. CONSISTS OF A WAVE TRAP WITH A 11/6/44
 NOV. 44

F-29/SPR-2 AN/SPR-2 RESTRICTED
 FILTER:
 CONSISTS OF A SECTION OF R.F. COAXIAL LINE WITH SUITABLE SHORTING STUBS TO PROVIDE FOR CUT-OFF AT 1000 MC AND WILL PASS R.F. SIGNALS ABOVE 1000 MC. USES "N" CONNECTORS AND IS CONNECTED BETWEEN ANTENNA LINE AND RECEIVER OF AN/SPR-2, 1/30/45
 FEB. 45

F-12A/CPN-6
 POINT TEST
 POINT. INPUT: 250V FROM CODER POWER SUPPLY AND 6.3V FROM RADAR RECEIVER R-99/CPN-17. PART OF RADAR RECEIVER R-99/CPN-17. SIMILAR TO AND INTERCHANGEABLE WITH F-12/CPN-6 EXCEPT OF IMPROVED DESIGN.

F-22/UPR
 CIRCULAR COAXIAL SHORTING STUB WITH A SLIDING CONTACT CONNECTS BETWEEN ANTENNA AND GROUND. MOUNTED IN BLACK BOX 12" X 15" X 5". USED WITH AN/APR-1 SERIES, AN/APR-4, AN/SPR-1, RDO AND AN/APR-5AX AND SIMILAR EQUIPMENT. WILL REPLACE F-19/UPR AND F-20/UPR.

F-29/SPR-2
 AN/APR-5AX ETC. MAY BE USED WITH ANTENNA ASSEMBLY CAGW-66131.

CANCELLED REPLACED BY F-50/CPN-6

F-18/UPR GEN. USE RESTRICTED
 WAVE TRAP:
 USED TO DETERMINE THE FREQUENCY OF INCOMING RADAR SIGNALS IN THE FREQUENCY RANGE OF 50 TO 150 MC. ELIMINATES CONFUSING ACTUAL SIGNALS WITH HARMONICS OR SPURIOUS RESPONSES IN THE ASSOCIATED RECEIVER. CONSISTS OF A WAVE TRAP (A VAR-8/24/44
 AUG. 44

F-24/MPH-1A AN/MPN-1A
 FILTER UNIT
 CONSISTS OF THREE INDIVIDUAL FILTER UNITS MOUNTED ON A PAN TYPE CHASSIS. USED FOR FILTERING RADAR NOISE FROM THE COMMUNICATION SYSTEM OF RADIO SET AN/MPN-1A. EACH FILTER UNIT HAS A MINIMUM ATTENUATION OF 60 DB AT 2000 ~ AND 50 DB AT 11/28/44
 NOV. 44

F-32/ARC-1 AN/ARC-1 RESTRICTED
 ANTENNA FILTER
 ANTENNA FILTER - A YHF PASS FILTER DESIGNED TO ATTENUATE RADIATIONS OF IFF FREQUENCIES GENERATED IN THE AN/ARC-1 TRANSCIVER. USES ONE NAVY TYPE 49194 CONNECTOR ON EACH END. INSERTED IN ANTENNA LINE OF AN/ARC-1. SIZE: 10" X 2" 2/14/45 CAJR:
 MAY 45B

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|---|-----------------------|--------------------|---|---|--------------------|-------------------------------|
| | | F-32/ARC-1 X 2". WT. 3 LBS. USED WITH AN/ARC-1. CONTRACT NAer 00376. ALSO INCLUDES TWO NAVY TYPE 49195 PLUGS. | F-29/SPR-2- | | F-41/SPR-1 | F-46/APS-20 AN/APS-20 LINE FILTER: RESTRICTED CONSISTS OF TWO PI-SECTION FILTERS AND HAS AN-3102-18-3P RECEPTACLE ON ONE END AND AMPHENOL 97-5105-18-3S RECEPTACLE ON OTHER END. USED TO FILTER H-F NOISE FROM THE POWER INPUT LEADS OF THE FLUX-GATE INVERTER. SIZE: 1 1/2" X 3" X 5 1/2". 4/9/45 CAEG: RL:8-12570-A APR. 45 948A | | |
| F-33/APX-13 AN/APX-13 RESTRICTED ANTENNA FILTER ANTENNA FILTER - AN IFF HIGH PASS FILTER DESIGNED TO ATTENUATE RADIATIONS OF LOWER THAN IFF FREQUENCIES GENERATED IN AN/ARC-1. FILTER IS INSERTED IN RECEIV- ING ANTENNA LINE OF AN/APX-13. USES UG-58/U RECEPTACLES ON BOTH ENDS. SIZE: 2 1/4/45 CAJR: MAR. 45B | | F-42/APS-20 AN/APS-20 948A LINE FILTER: RESTRICTED CONSISTS OF TWO PI-SECTION FILTERS AND HAS AN-3102-16S-4S RECEPTACLE ON ONE END AND AMPHENOL 97-5105-16S-4P RECEPT- ACLE ON THE OTHER END. USED TO FILTER H-F NOISE FROM THE OUTPUT LEADS TO SYN- CHRO INVERTER LELAND TYPE 103398K1655 4/9/45 CAEG: RL:5-12504 MAY 45 | | | F-46/APS-20 WT: 1 1/2 LB. | | | |
| F-33/APX-13 10" X 2" X 2". WT. 3 LBS. USED WITH AN/APX-13. CONTRACT: S&A 13494 AND NAER 00376. | | F-42/APS-20 SIZE: 5" LONG X 2" DIA. WT: 1 LB. | | | F-47/APX-13 AN/APX-13 RESTRICTED ANTENNA FILTER: ANTENNA FILTER - AN IFF LOW PASS NETWORK FILTER DESIGNED TO ATTENUATE FREQUENCIES HIGHER THAN FREQUENCIES GENERATED IN AN/APX-13. FILTER IS INSERTED IN RECEIV- ING ANTENNA LEAD-IN CABLE OF AN/APX-13. FILTER IS EQUIPPED WITH TWO UG-58/U 4/18/45 LAVOIE LABS. APR. 45A | | | |
| F-39/APX-1 AN/APX-1 RESTRICTED ANTENNA FILTER: BUAE AN IFF HIGH PASS FILTER DESIGNED TO ATTENUATE RADIATIONS OF LOWER THAN IFF FREQUENCIES GENERATED IN RADIO SET AN/ARC-1. USES BRITISH MALE CONNECTOR 10H/528 ON ONE END AND NAVY TYPE 49194 ON THE OTHER. FILTER IS INSERTED IN RE- 3/14/45 CAJR: MAR. 45A BUAE | | F-45/APS-20 AN/APS-20 948A LINE FILTER: RESTRICTED CONSISTS OF TWO PI-SECTION FILTERS AND HAS AN-3102-16S-4P RECEPTACLE ON ONE END AND AMPHENOL 97-5105-16S-4S RECEPT- ACLE ON THE OTHER END. USED TO FILTER H-F NOISE FROM THE POWER LEADS OF HD-4/U. SIZE: 4 1/2" X 1 7/8" DIA. WT: 1 LB. 4/9/45 CAEG: RL:D-12504-A MAY 45 | | | F-47/APX-13 CHASSIS MOUNTED RECEPTACLES AND TWO UG-12/U PLUGS. SIZE: 10" X 7" X 2". WEIGHT: 2 1/2 LBS. FIRST PROCURED ON NAER-00376. | | | |
| F-39/APX-1 RECEIVING ANTENNA OF AN/APX-1. SIZE: 10" X 2" X 2". WEIGHT: 3 LBS. USED WITH AN/APX-1. | | F-44/APS-20 AN/APS-20 LINE FILTER: RESTRICTED CONSISTS OF TWO PI-SECTION FILTERS AND HAS AN-3102-20-4P RECEPTACLE ON ONE END AND AMPHENOL 97-5105-20-4S RECEPTACLE ON OTHER END. USED TO FILTER H-F NOISE FROM INPUT LEADS OF THE SYNCHRO INVERTER LELAND TYPE 103393K1655 4/9/45 CAEG: RL:D-12551 MAY 45 948A | | | FURNITURE "FN" CHAIRS, DESKS, TABLES, ETC. | | | |
| F-40/APX GEN. USE ANTENNA FILTER: RESTRICTED AN IFF HIGH PASS FILTER DESIGNED TO ATTENUATE FREQUENCIES OF LOWER THAN IFF FREQUENCIES GENERATED BY RADIO EQUIP- MENTS. NETWORK FILTER IS INSERTED IN AN- TENNA CABLE LEAD-IN OF THE IFF EQUIPMENT RECEIVER. EQUIPPED WITH TWO UG-58/U 3/15/45 APR. 45 | | F-44/APS-20 SIZE: 4 1/2" LONG X 2" DIA. WT: 1 LB. | | | F-47/APX-13 CHASSIS MOUNTED RECEPTACLES AND TWO UG-12/U PLUGS. SIZE: 10" X 2" X 2". WEIGHT: 3 LBS. SIMILAR TO F-33/APX-13 AND F-39/APX-1 EXCEPT USES DIFFERENT TYPE CONNECTORS. | | | |
| F-40/APX CHASSIS MOUNTED RECEPTACLES AND TWO UG-12/U PLUGS. SIZE: 10" X 2" X 2". WEIGHT: 3 LBS. SIMILAR TO F-33/APX-13 AND F-39/APX-1 EXCEPT USES DIFFERENT TYPE CONNECTORS. | | F-45/APS-20 AN/APS-20 LINE FILTER: RESTRICTED CONSISTS OF TWO PI-SECTION FILTERS WITH AN-3102-20-5S RECEPTACLE ON ONE END AND AMPHENOL 97-5105-20-5P RECEPTACLE ON OTHER END. USED TO FILTER H-F NOISE FROM THE POWER OUTPUT LEADS OF THE FLUXGATE INVERTER. SIZE: 1 1/2" X 3" X 5 1/2" 4/9/45 CAEG: RL:8-12569-A APR. 45 948A | | | F-47/APX-13 ONE END HAS PROVISION FOR MOUNTING THE 9/23/44 SEPT. 44 | | | |
| F-41/SPR-1 AN/SPR-1 RESTRICTED FILTER: CONSISTS OF A SECTION OF RF COAXIAL LINE WITH SUITABLE SHORTING STUBS TO PASS SIGNALS ABOVE 300 MC. USES "M" TYPE CON- NECTORS AND IS CONNECTED BETWEEN ANTENNA LINE AND RECEIVER OF AN/SPR-1. SIMILAR TO BUT NOT INTERCHANGEABLE WITH FILTER 4/4/45 CCG: CCG: APR. 45 | | F-45/APS-20 WT: 1 1/2 LBS. | | | F-47/APX-13 HAND GENERATOR OF NAVY TBX RADIO SET. | | | |
| | | F-45/APS-20 WT: 1 1/2 LBS. | | | F-47/APX-13 TABLE: TABLE PROVIDES AN OPERATING AREA FOR THE FIGHTER AND TARGET SIMULATORS EQUIVA- LENT TO 100 MILES BY 25 MILES WITH A SCALE OF 1 MILE TO THE INCH. THE MATER- IAL FOR THE TOP IS SUCH AS TO PREVENT SKIDDING OR DIGGING IN OF THE SIMULATOR 1/24/45 CATY: JAN. 45 | | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

FN-7/APS-6-T1
 WHEELS. AN EDGE IS PROVIDED TO PREVENT THE SIMULATORS FROM MOVING OFF THE TABLE, AND HAS ADJUSTABLE TABLE LEGS. SIZE: 6' X 10' X 3". A CONTROL UNIT FOR INSTRUCTOR CONTROL OF TARGET IS LOCATED IN A DRAWER OF THE TABLE.

G-6/TPS-9 AN/TPS-9
 GENERATOR UNIT:
 INDUCTIVE TYPE AC GENERATOR WITH A DC EXCITER BUILT ON THE SAME SHAFT. RATED AT 115V/10/800- @ 3.2A AND 85C W., 80% PF AND 28V DC @ 5A AND .14KW. 4000 RPM. CONTINUOUS DUTY. PART OF PU-47/U
 6/8/44 CAY:S#1171316 CAY:14A-9501
 OCT. 44

H-2/AR
 HEADSET
 CONSISTS OF THE FOLLOWING: 2 HEADPHONES, 1200 OHMS EACH IN ACCORDANCE WITH AERONAUTICAL SPEC. H-15, FOR TYPE 11 (ROMAN NUMERAL) HEADPHONE; 2 HEADSET CORDS NAF-F47613-3; 2 EARPHONE MOUNTING SOCKETS NAF-48490-1; 1 ANGULATED HEADBAND 2/16/43
 OCT. 44

COMPONENT INDICATORS "G" GENERATOR (SEE PU)

GONIOMETERS "GO"

ELECTRICAL GENERATORS WITHOUT PRIME MOVERS

GONIOMETERS OF ALL TYPES

H-2/AR
 NAF-48486. OR 1 HEADBAND NAVY TYPE #49510. DRAWING 600745. LESS CORDAGE SUBASSEMBLY NAF 600745-6. USED FOR SPLIT PHONE OPERATION. MANUFACTURERS: (1) AVIOMETER CORPORATION, NEW YORK CITY. (2) PERMOFLUX CORP., CHICAGO, ILL. NOTE: FORMERLY KNOWN AS HEADSET H-11/AR.

G-1/U AN/SPT-1,2,3,4
 GENERATOR:
 SINGLE BEARING TYPE WITH RECESSED SHAFT TO PERMIT ATTACHMENT TO MOTOR PU-10/U OR MOTOR PU-11/U. RATED: 600 WATTS AT 115/1/500 & 100 WATTS AT 26V DC, 3450 RPM. 50°C RISE. 15% NO-LOAD/FULL-LOAD REGULATION. INCLUDES A JUNCTION BOX WITH 8/31/43 CDD:
 DEC. 43

GO-1/GHQ-5 AN/GHQ-5
 GONIOMETER CONFIDENTIAL
 USED TO INTRODUCE A MANUALLY-CONTROLLED PHASE-SHIFT OF A 10 KC. REFERENCE SIGNAL VOLTAGE OBTAINED FROM TRANSMITTER T-119/GHQ-5. CONTROL FOR GONIOMETER IS ON PANEL OF CONSOLE CY-329/GHQ-5. USED WITH BUT NOT PART OF RADIO RECEIVER
 12/4/44 CFL:
 FEB. 45

H-3/ARR-3 AN/ARR-3
 HEADSET
 HEADSET ASSEMBLY CONSISTING OF A HEADBAND HB-7, A PLUG PL-354, 2 CUSHIONS H-301, IDENTIFICATION TAG, AND 2 DYNAMIC TYPE RECEIVERS. IMPEDANCE OF EACH RECEIVER IS 300 OHMS AT 1000 CYCLES/SECOND. RESPONSE IS ESSENTIALLY FLAT FROM 300 TO 3/15/43
 MARCH 43

G-1/U
 5 TAPS TO PROVIDE 105 TO 125 VOLTS DC, A 4 PRONG RECEPTACLE FOR AC/DC, & A 2 PRONG RECEPTACLE FOR AC ONLY. ALSO INCLUDES A RADIO NOISE SUPPRESSION FILTER SUITABLY MOUNTED TO THE FRAME OF THE GENERATOR.

GO-1/GHQ-5
 R-141/GHQ-5. CONSISTS OF DRIVER AMPLIFIER WHICH SUPPLIES 10 KC. SIGNAL POWER IN QUADRATURE TO THE GONIOMETER FIELD COILS, AND A FOLLOWER AMPLIFIER WHICH AMPLIFIES THE VOLTAGE DEVELOPED ACROSS THE GONIOMETER SEARCH COIL, POWER SUPPLY AND THE GONIOMETER.

H-3/ARR-3
 6000 CYCLES.

G-1A/U AN/SPT-1,2,3,4
 GENERATOR:
 SINGLE BEARING TYPE WITH RECESSED SHAFT TO PERMIT ATTACHMENT TO MOTOR PU-10/U OR MOTOR PU-11/U. RATED: 600 WATTS AT 115/1/500 & 100 WATTS AT 26V DC, 3450 RPM. 50°C RISE. 15% NO-LOAD/FULL-LOAD REGULATION. INCLUDES A JUNCTION BOX WITH 5 12/6/43 CDD:
 DEC. 43

READ. HAND. & CHEST SETS "H"
 ALSO INCLUDES EARPHONE UNITS.

H-3A/ARR-3 AN/ARR-3
 HEADSET:
 CONSISTS OF HEADBAND NAF:48486 PLUG NAF:215285-2 (ARMY TYPE PL-354); TWO CUSHIONS NAF:48490-1 (ARMY TYPE H-301); TWO RECEIVERS WHICH ARE NAVY TYPE CQF-49456 DYNAMIC TYPE, EACH HAVING AN IMPEDANCE OF 300 OHMS AT 1000. 10/30/43 CFF:
 NOV. 44

G-1A/U
 TAPS TO PROVIDE 105 TO 125 VOLTS AC, A 4 PRONG RECEPTACLE FOR AC/DC, & A 2 PRONG RECEPTACLE FOR AC ONLY. ALSO INCLUDES A RADIO NOISE SUPPRESSION FILTER SUITABLY MOUNTED TO THE FRAME OF THE GENERATOR.

H-1/AR *SEE BELOW
 HEADSET
 HELMET TYPE, CONSISTS OF TWO 300 OHM EARPHONES EITHER MAGNETIC (JRB TYPE ANB-H-1) OR DYNAMIC (JRB TYPE ANB-H-1A) CONNECTED IN SERIES BY A 13" T CORD 11" LONG 3" FROM THE RIGHT EAR AS VIEWED FROM THE REAR.. *NXS-LL-4994 & NOAS-204 2/16/43 CVA: 9067
 APR. 43 CQF: PDR-3

H-3A/ARR-3
 CYCLES/SEC; AND A SHOULDER LENGTH CORD. NORMALLY USED WITH BUT DOES NOT INCLUDE CORD CX-3/AR(5"). RESPONSE IS ESSENTIALLY FLAT FROM 300 TO 6000 CYCLES. INTERCHANGEABLE WITH H-3/ARR-3

CANCELLED

G-2/U AN/SPT-1
 GENERATOR:
 SINGLE BEARING TYPE WITH RECESSED SHAFT TO PERMIT ATTACHMENT TO MOTOR PU-12/U OR MOTOR PU-13/U. RATED: 1200 WATTS AT 115/1/500 & 100 WATTS AT 26V DC, 3450 RPM. 50°C RISE. 15% NO-LOAD/FULL-LOAD REGULATION. INCLUDES A JUNCTION BOX WITH 8/31/43 CGM:
 DEC. 43

H-1/AR
 FREQUENTLY SUPPLIED WITH CX-3/AR().

H-4/AR GENERAL USE
 HEADSET:
 HEADBAND TYPE. CONSISTS OF TWO 300 OHM EARPHONES, JRB TYPE ANB-H-1 (MAGNETIC) OR JRB TYPE ANB-H-1A (DYNAMIC) CONNECTED IN SERIES BY A "Y" CORD RR: DWG.F47613-2. TWO EAR CUSHIONS RR:48490-1 & ONE HEADBAND RR: DWG. 48486. SIMILAR TO ARMY 4/29/43 CQF:
 SEPT 43 CDC:

G-2/U
 5 TAPS TO PROVIDE 105 TO 125 VOLTS AC, A 4 PRONG RECEPTACLE FOR AC/DC, & A 2 PRONG RECEPTACLE FOR AC ONLY. ALSO INCLUDES A RADIO NOISE SUPPRESSION FILTER SUITABLY MOUNTED TO THE FRAME OF THE GENERATOR.

H-1A/AR NOAS-204
 HEADSET: HELMET TYPE, CANCELLED, ORIGINAL ASSIGNED TO DESIGNATE THE DYNAMIC TYPE COVERED BY H-1/AR

H-4/AR
 TYPE HEADSET HS-33 EXCEPT FOR HEADBAND & CORD AND EAR CUSHIONS. NORMALLY SUPPLIED WITH BUT DOES NOT INCLUDE EXTENSION CORD CX-3/AR().

2/16/43 CQF:PDR-3
 APR. 45

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|---|--------------------|-------------------------------|---|--------------------|-------------------------------|
| H-11/AR | HXS-4994 | | HD-5/APS-20 | AN/APS-20 | | HD-14/U | AN/APS-20 | |
| HEAD SET: HEADBAND TYPE. CONSISTS OF TWO HEADSETS H-2/AR, TWO EAR CUSHIONS RR:48490-1 AND ONE ANGULATED HEADBAND RR:48486. NORMALLY SUPPLIED WITH BUT DOES NOT INCLUDE EXTENSION CORD CX-3/AR(). NOT TO BE USED. REPLACED BY H-2/AR. H-2/AR IS RE-9/23/43 CAV:9220 CVA:9220 OCT. 44 | | | BLOWER: A BLOWER USED TO FURNISH COOLING AIR WHEN USING MODULATOR WHERE COOLING AIR IS NOT PROVIDED FROM OTHER SOURCES. CONSISTS OF 1/6 HP MOTOR, #3 BLOWER AND METAL ADAPTER SPOUT TO FIT THE AIR SCOOP ON THE PLANE. INPUT REQUIREMENTS: 26V DC 12/9/44 CAEV: MAY 45 | | | DEHYDRATOR DEHYDRATOR - USED TO DRY THE INPUT PRESSURIZING AIR WHICH IS PUMPED, BY HD-4/U PUMP, INTO MODULATOR, TRANSMITTER AND WAVE GUIDE OF AN/APS-20. CONSISTS OF TWO 3" DIA. CYLINDERS 5" LONG, FILLED WITH INDICATING TYPE SILICA-GEL, SUPPORTED 2/14/45 CASD: RL:A-12608-A FEB. 45 | | |
| H-11/AR | | | HD-5/APS-20 | | | HD-14/U | | |
| DEFINED TO INCLUDE EQUIPMENT FORMERLY DESIGNATED H-11/AR. | | | 7 AMPS. DIMENSIONS: 12" X 7" X 15". WEIGHT: 7 LBS. | | | BY MAGNESIUM CAST END BRACKETS. SIZE: 6 1/2" X 3 1/4" X 6 1/2". WEIGHT: 3 LBS. PART OF: AN/APS-20. COULD BE USED WITH ANY AIR PUMPING SYSTEM. MANUFACTURER: ROMEK PUMP CO., ELYRIA, OHIO. | | |
| H-25/GT | | | HD-6/APS-20 | AN/APS-20 | | HD-15/U | GEN USE | |
| HEAD AND CHEST SET: A HEAD AND CHEST SET INCLUDING A SOUND POWERED TRANSMITTER, TWO SOUND POWERED RECEIVERS AND HEADGEAR, A CHEST PLATE AND JUNCTION BOX, AND AN EXTENSION (LINE) CORD; A-E. CO. | | | BLOWER: USED TO FURNISH COOLING AIR TO LIMIT TEMPERATURE RISE OF THE MAGNATRON. CONSISTS OF 1/6 HP 28V DC MOTOR, RUNNING AT 6500 RPM, #3 BLOWER WHEEL AND HOUSING AND ALUMINUM DUCT. DIMENSIONS: 10" X 6" X 6". WEIGHT: 5.6 LBS. INPUT VOLTAGE: 12/9/44 CAXX: FEB. 45 | | | BLOWER UNIT: AXIAL FLOW BLOWER RATED AT 105 CU. FT/ MINUTE AT SEA LEVEL. INCLUDES MOTOR, HOUSING, NOISE FILTER, PROTECTING SCREEN, AND SIX FEET ATTACHED RG-62/U CABLE. INPUT: 27.5 + 3.5 VOLTS DC AT 1.0 AMPERES MAXIMUM. SIZE: APPROX. 5-5/8 X 5-3/4 X 4/3/45 CPR: APR. 45A | | |
| 9/23/44 SEPT. 44 | | | | | | | | |
| H-26/GR | GEN USE | | HD-6/APS-20 | | | HD-15/U | | |
| HEAD-CHEST SET: COMPRISES A CHEST SET TD-2, ONE CORD CX-489/GR AND A HEADSET CW-49507. (TO REPLACE USMC TYPE MHS-9). | | | 28V DC, 7 AMPS. | | | 7 1/2. INCLUDES ADJUSTABLE MOUNTING BRACKET. | | |
| 9/29/44 OCT. 44 | | | | | | | | |
| H-27/GR | GEN USE | | HD-7/APS-20 | AN/APS-20 | | HD-16/AP | AN/APS-31.32.33.34 | |
| HEAD-CHEST SET: COMPRISES A CHEST SET TD-3, ONE CORD CX-489/GR, ONE MICROPHONE CW-51071 AND A HEADSET CW-49507. (TO REPLACE USMC TYPE MHS-8). | | | BLOWER: USED TO FURNISH COOLING AIR TO LIMIT TEMPERATURE RISE OF PULSE TRANSFORMER. CONSISTS OF A 1/100 HP MOTOR WITH A 2" BLOWER WHEEL. INCLUDES SEPARABLE MOUNTING BRACKET. INPUT VOLTAGE: 28V DC, .9 AMPS. WT: 1.5 LBS. SIZE: 6" X 6" X 6". 12/9/44 DEC. 44 | | | PRESSURIZING UNIT: CAPABLE OF MAINTAINING AN ABSOLUTE PRESSURE OF 17 PLUS OR MINUS 2 PSI IN A VOLUME OF 2200 CU. IN WITH A LEAKAGE RATE OF UP TO 14 1/2 CU. IN WHEN IN AN AMBIENT OF 2.7 PSI ABS. @ -55 DEGREES CENTIGRADE. INCLUDES A REPLACEABLE SILICA-4/3/45 CPR: APR. 45A | | |
| 9/29/44 OCT. 44 | | | | | | | | |
| AIR CONDITIONING APPARATUS "HD" | | | HD-9/U | AN/CPX-3 | | HD-16/AP | | |
| HEATING, COOLING, DEHUMIDIFYING, PRESSURE UNITS, VACUUM UNITS, ETC. | | | BLOWER ASSEMBLY: CONSISTS OF TWO FANS AND HOUSING MOUNTED ON SHAFT OF ASSOCIATED MOTOR ONE ON EACH SIDE. USED TO PROVIDE A FLOW OF COOLING AIR TO PREVENT OVERHEATING OF THE UNITS OF AN/CPX-3. USED WITH MOTOR PU-83/U (115/230/14(50-60-)). 12/28/44 APR. 45 | | | GEL DEHYDRATOR WITH TELL-TALE. CONSISTS OF PUMP, DEHYDRATOR AND NECESSARY CONNECTORS. INPUT: 27.5 VOLTS DC AT LESS THAN 2.5 AMPS. SIZE APPROX. 10" X 4 1/2" X 6 1/2". WEIGHT APPROX. 3.5 POUNDS. PART OF ANTENNA ASSEMBLY AS-287/APS-31, AS-288/APS-32, AS-289/APS-33, AS-290/APS-34. | | |
| | | | | | | | | |
| HD-3/AP | AN/APS-3A | | HD-9/U | | | HD-19/APS-20A | AN/APS-20A | |
| PRESSURIZING KIT: AUTOMATIC PRESSURIZING UNIT. SIZE APPROX 4 7/8" X 6 29/32" X 9 3/8" WITH COLOR CHANGING PLASTIC DEHYDRATOR ATTACHED TO ITS INLET. CONSISTS OF A GEAR TYPE PUMP A 26V DC. SERIES WOUND MOTOR, CHECK VALVE AUTO. ABS. PRESSURE 11/18/44 CALR: MAR. 45. | | | MOTOR PU-84/U (115/180/1400-500). MOTOR PU-85/U (115V DC) AND MOTOR PU-86/U (230V DC). MOUNTS IN CABINET CY-378/UPX. BRITISH REF. NO. 110K8/1014. | | | BLOWER: USED TO FURNISH COOLING AIR TO LIMIT TEMPERATURE RISE OF PULSE TRANSFORMER. CONSISTS OF A 1/100 HP MOTOR WITH A 2" BLOWER WHEEL. INCLUDES SEPARABLE MOUNTING BRACKET. INPUT VOLTAGE: 120V/14/400-800-. WT: 1.5 LBS. SIZE: 6" X 6" X 6". 4/14/45 CG: MAY 45 | | |
| | | | | | | | | |
| HD-3/AP | | | HD-10/U | AN/CPX-3 | | HD-19/APS-20A | | |
| CONTROLLED SWITCH, FUSE, NOISE FILTER, HEATERS THERMOSTATICALLY CONTROLLED, & AN3102-10SL-4P-1. DELIVERS TO CU. IN/MIN. AT ABS. PRESSURE OF 16 LBS/SQ. IN. ALSO INCLUDES SHOCKMOUNTING. WEIGHT 4 1/2 LBS. | | | BLOWER ASSEMBLY: BLOWER AND MOTOR ASSEMBLY TO PROVIDE A FLOW OF COOLING AIR TO PREVENT OVERHEATING OF THE UNITS OF AN/CPX-3. INPUT: 115/230V/19/50-60-. MOUNTS IN CABINET CY-378/CPX-3. 12/28/44 DEC. 44A | | | SIMILAR TO HD-7/APS-20 EXCEPT OPERATES ON AC INSTEAD OF DC. CANCELLED 5/16/45 USE BLOWER HD-7/APS-20. | | |
| | | | | | | | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | | |
|--|----------------------------|-------------------------------|--|----------------------------------|-------------------------------|--|--------------------|-------------------------------|----------------------------|-------------------------------|
| ND-22/APN-11 | AN/APN-11 | RESTRICTED | ID-5/ASQ-3 | AN/ASQ-3 | | ENCLOSED IN A STANDARD | ☆ID-14/APN-1 | | | |
| <p>BLOWER: BLOWER, ELECTRIC POWERED, NON-PORTABLE. INPUT 27V DC., 1 AMP. DIMENSIONS: 3" X 5". SINGLE SPEED, DIRECT DRIVE, EXTERNAL SPEED CONTROL. MOTOR AND BLOWER HOUSING WELDED TO STEEL STRAP, 9" X 0.035" X 1 1/2". FIRST PROCURED ON NAVY 5/30/45 MAY 45 918</p> | | | <p>INDICATOR CONSISTS OF ONE 500-0-500 MICRO-AMPERE INSTRUMENT TOGETHER WITH MOUNTING AND LIGHTING ACCESSORIES. 3/16/43 CW:D-163953 APR. 43</p> | | | <p>"AN" TYPE CASE HAVING 4 HOLES ON A 3-1/2" DIAMETER EXCEPT THE UPPER RIGHT & LOWER LEFT HOLES HAVE BEEN ENLARGED TO PERMIT THE SHAFTS OF THE OFF-ON SWITCH & THE RANGE CONTROL SWITCH TO EXTEND THROUGH. THE RANGE CONTROL SWITCH SYNCHRONOUSLY EXPOSES TO VIEW THE PROPER DIAL SCALE CORRESPONDING TO THE ALTIMETER RANGE SELECTED.</p> | | | | |
| | HD-22/APN-11 | | ☆ID-6/APN-4 | ☆AN/APN-4 | | ☆ID-14A/APN-1 | ☆AN/APN-1 | | | |
| <p>CONTRACT NXSa-69176. UNIT COOLS TRANSMITTER-RECEIVER RT-93/APN-11 WHEN CHASSIS TEMPERATURE EXCEEDS 75°C. ON-OFF CONTROLLED BY THERMOSTAT INSIDE CHASSIS. PART OF RADIO SET AN/APN-11</p> | | | <p>INDICATOR: RESTRICTED INDICATOR CONTAINING NECESSARY CIRCUITS AND COMPONENTS FOR CONVERTING RECEIVED SIGNALS INTO VISIBLE INDICATIONS ON A CATHODE RAY TUBE. "AN" DESIGNATION FOR INDICATOR BC-1174-C). 3/24/43 CPR: SEPT 43</p> | | | <p>ALTITUDE INDICATOR RESTRICTED DUAL RANGE: 0 TO 400 FT & 400 TO 4000 FT CONSISTS OF A 5 MA DC INSTRUMENT HAVING THE NEEDLE ADJUSTED SUCH THAT IT REQUIRES 1.5 MA TO READ 0 & 6.5 MA TO READ FULL SCALE OF 270° ROTATION. CALIBRATED IN HUNDREDS OF FEET. ENCLOSED 3/10/44 CRV:P-255259- CRV: P255413 SUB 6 DEC. 44 502 P255413 SUB 6</p> | | | | |
| | COMPONENT INDICATOR "ID" | INDICATOR | ☆ID-6A/APN-4 | ☆AN/APN-4 | | ☆ID-14B/APN-1 | ☆AN/APN-1 | | | |
| <p>AZIMUTH, PLAN POSITION, ELEVATION</p> | | | <p>INDICATOR: CONFIDENTIAL AN INDICATOR CONTAINING THE NECESSARY CIRCUITS AND COMPONENTS FOR CONVERTING RECEIVED SIGNALS INTO VISIBLE INDICATIONS ON A CATHODE RAY TUBE SCREEN. MECHANICALLY AND ELECTRICALLY INTERCHANGEABLE WITH INDICATOR ☆ID-6/APN-4. BUT 12/11/43 CPR: DEC. 43</p> | | | <p>N A "AN" TYPE CASE HAVING 2 #8-32 DREW MTG. INCLUDES POWER SWITCH AND RANGE SWITCH. THE RANGE SWITCH SYNCHRONOUSLY EXPOSES TO VIEW THE PROPER DIAL SCALE CORRESP. TO ALTIMETER RANGE SELECTED. SAME AS ☆ID-14/APN-1 EXCEPT DIAL AS YELLOW FLOURESCENT AND YELLOW FLOURESCENT- MADC ACTIVE MARKINGS INSTEAD GREEN. BR. REF. NO. 110 08/46.</p> | | | | |
| | ☆ID-1/ARN-1 | ☆AN/ARN-1 | ☆ID-6A/APN-4 | ☆AN/APN-4 | | ☆ID-14B/APN-1 | ☆AN/APN-1 | | | |
| <p>ALTITUDE INDICATOR RESTRICTED CONSISTS OF A 0 TO 5 MA DC INSTRUMENT HAVING NEEDLE ADJUSTED SUCH THAT IT REQUIRES 1.5 MA TO READ 0 & 6.5 MA TO READ FULL SCALE OF 400 FT (270° ROTATION). ENCLOSED IN A STANDARD "AN" TYPE CASE HAVING 4 HOLES ON A 3 1/2" DIAMETER. 1/29/43 CG: CRV: COL: CRV:M253155 REV 9 JULY 43</p> | | | <p>INCORPORATES SEVERAL COMPONENT CHANGES AND CIRCUIT CHANGES WHICH IMPROVE THE TEMPERATURE AND HUMIDITY STABILITY OF THE EQUIPMENT. DIMENSIONS: 19-1/2" X 9" X 11-3/4"; 35 LBS.</p> | | | <p>ALTITUDE INDICATOR RESTRICTED DUAL RANGE: 0 TO 400 FT & 400 TO 4000 FT CONSISTS OF A 5 MA DC INSTRUMENT HAVING THE NEEDLE ADJUSTED SUCH THAT IT REQUIRES 1.5 MA TO READ 0 & 6.5 MA TO READ FULL SCALE OF 270° ROTATION. CALIBRATED IN HUNDREDS OF FEET. ENCLOSED IN A "AN" 3/10/44 CRV:P-255259-503 CRV:P-255413 OCT. 44 SUB 6</p> | | | | |
| | ☆ID-1/ARN-1 | | ID-11/APS-4 | AN/APS-4 | | ID-14B/APN-1 | | | | |
| <p>HAS A STANDARDIZED SCALE & "OFF-ON" SWITCH. SAME AS NAVY TYPE -55074-A EXCEPT IS PROVIDED WITH A 5 PIN "AN" CONNECTOR IN LIEU OF A 4 PIN CONNECTOR.</p> | | | <p>INDICATOR CONFIDENTIAL CLASS "B" INDICATION WITH ELECTRONIC RANGE MARKS FOR SEARCH & BEACON. DOUBLE DOT INDICATION FOR INTERCEPT. INCLUDES A 3" ELECTROSTATIC TUBE TYPE -3FP7. SUPPLIED WITH 2 FT. CABLE & CONNECTOR FOR ATTACHMENT TO INDICATOR AMPLIFIER 4/5/43 CW:D-151377 CW:ESR-697826 JAN. 45</p> | | | <p>TYPE CASE HAVING 2 SCREW (#8-32) MOUNTING. INCLUDES POWER SWITCH AND RANGE SWITCH. THE RANGE SWITCH SYNCHRONOUSLY EXPOSED TO VIEW THE PROPER DIAL CORRESPONDING TO THE ALTIMETER RANGE SELECTED. SAME AS ☆ID-14A/APN-1 EXCEPT DIAL MARKINGS CONTAIN NO RADIO ACTIVE MATERIAL. BRITISH REF. NO. 11008/47.</p> | | | | |
| | ID-2/APS-2 | AN/APS-2 | AM-5/APS-4 | AND WITH FOUR NO. 164-32 SCREWS. | | ☆ID-15/APA-1 | ☆AN/APA-1 | RE-9035-A | | |
| <p>PLAN REPEATER INDICATOR: CONFIDENTIAL INDICATOR CALIBRATION IS OBTAINED BY RANGE MARKS APPEARING AS CONCENTRIC CIRCLES ON THE SCREEN OF THE INDICATOR TUBE. THE CIRCLES BEING ADJUSTABLE BY A RANGE SWITCH ON THE RECEIVER UNIT FOR 0 TO 5, 0 TO 20, 0 TO 50 AND 0 TO*90 2/16/43 CPR:SLO-177 MAY 43</p> | | | <p>INCLUDES INTENSITY CONTROL ADJACENT TO FACE. DISPLAY WINDOW HAS AZIMUTH GRADUATION LINES 25° APART, APPROXIMATE OVERALL DIMENSIONS 3-1/2" HIGH X 3-5/8" WIDE X 12-1/2" LONG (WITHOUT VISOR). WT. 4.56 LBS.</p> | | | <p>REPEATER INDICATOR: CONFIDENTIAL CONSISTS OF A 3BP1 CATHODE RAY TUBE, HOUSING, ANTI-SHOCK MOUNTING AND TILT MOUNTING ASSEMBLY, AN ASSOCIATED MOUNTING FLANGE FOR INSTRUMENT PANEL. SCALE RANGES 0 TO 5, 0 TO 50 AND 0 TO 100 NAUTICAL MILES. IDENTICAL WITH NAVY 4/23/43 CPR: P255413 SUB 0 NOV. 43 REV 0</p> | | | | |
| | ID-2/APS-2 | | ID-13/CPN-3 | AN/CPN-3 | CONFIDENTIAL | ☆ID-15/APA-1 | | | | |
| <p>NAUTICAL MILES. DIRECTION IS INDICATED BY DIRECTION OF IMAGE FROM THE CENTER OF TUBE. INPUT 6.3 VOLTS AC 0.6 AMP. 3.78 WATTS; 200 VDC, 11 MA, 2.2 WATTS; 4000 VDC 5 MICROAMPS 0.02 WATTS. "AN" NOMENCLATURE FOR NAVY TYPE -55ACC. *(SWITCH CALIBRATION = 90, ACTUAL INDICATION 100) (-55ACC)</p> | | | <p>MONITOR: A MONITOR UNIT OF THE PANEL TYPE, INCLUDES A CATHODE RAY TUBE WHICH INDICATES THE WAVE SHAPES OF THE OUTPUT OF THE TRANSMITTER, RECEIVER, AND CODER UNITS. OPERATES ON 115/150-70. 4/9/43 CPR:358-4176 SEPT 43</p> | | | <p>TYPE (CPR-55ACT REPEATER INDICATOR EXCEPT INCLUDES THE ADDITIONAL 100 MILE RANGE. WT 4#20Z</p> | | | | |
| | ID-4/AR | AN-ARN-8 | RE 13B 672B | | | ID-19/APS-3 | AN/APS-3 | RE-9075-A | | |
| <p>INDICATOR RR:1056-16 CONSISTS OF A MINEATURE BAYONET TYPE SOCKET & INCLUDES A CLEAR JEWELL LENS, FOR MOUNTING ON INSTRUMENT PANEL OF AIRPLANE 3/13/43 CCC: APR. 43</p> | | | <p>☆ID-14/APN-1 ☆AN/APN-1 ALTITUDE INDICATOR RESTRICTED DUAL RANGE: 0 TO 400 FT & 400 TO 4000 FT CONSISTS OF A 0 TO 5 MA DC INSTRUMENT HAVING THE NEEDLE ADJUSTED SUCH THAT IT REQUIRES 1.5 MA TO READ 0 & 6.5 MA TO READ FULL SCALE OF 270° ROTATION. CALIBRATED BETWEEN 0 & 40 DIVISIONS. 4/13/43 CRV:P-255259-5C1 DEC. 43 P255413 SUB 0</p> | | | <p>REPEATER INDICATOR CONFIDENTIAL INCLUDES A FOCUSING YOKE, VERTICAL & HORIZONTAL CENTERING COILS, FOCUSING CONTROLS & A -5FP7 CATHODE RAY TUBE. INPUT: 6.3 V AC FOR FILAMENTS, 4500 V DC FOR ANODE, 400 V DC FOR VERTICAL DEFLECTION COIL, 300 V DC FOR FOCUSING & 5/24/43 CPR: P255413 SUB 0 JULY 43 CPR: SLO-583</p> | | | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

HORIZONTAL DEFLECTION COIL, ID-19/APS-3
AND VIDEO VOLTAGE, AND APPROXIMATELY 90 V DC FOR CATHODE GATE. SIMILAR TO REPEATER INDICATOR ID-2/APS-2 (-55ACG) EXCEPT INCLUDES FOCUS & VIDEO GAIN CONTROLS & RECEPTACLES HAVE BEEN CHANGED & GIVES CLASS "B" INSTEAD OF CLASS "P"(PPI) INDICATION.

ID-19M/APS-3 AN/APS-3AM RE-9075-A
REPEATER INDICATOR CONFIDENTIAL
INCLUDES A FOCUSING YOKE, VERTICAL & HORIZONTAL CENTERING COILS, FOCUSING CONTROLS & A-5FP7 CATHODE RAY TUBE. INPUT: 6.3V AC FOR FILAMENTS, 4500V DC FOR ANODE, 400V DC FOR VERTICAL DEFLECTION COIL, 300V DC FOR FOCUSING AND
2/15/45 CPR: CPR:5L0-583
FEB. 45

HORIZONTAL DEFLECTION COIL, ID-19M/APS-3
AND VIDEO VOLTAGE, AND APPROXIMATELY 90 V DC FOR CATHODE GATE. SIMILAR TO REPEATER INDICATOR ID-2/APS-2 (-55ACG) EXCEPT INCLUDES FOCUS & VIDEO GAIN CONTROLS & RECEPTACLES HAVE BEEN CHANGED & GIVES CLASS "B" INSTEAD OF CLASS "P" (PPI) INDICATION. UNIT IS FIELD MODIFICATION OF ID-19/APS-3 TO INCLUDE SEPARATE CABLE CONNECTION FOR VIDEO INPUT.

ID-24/ARN-9 AN/ARN-9
APPROACH INDICATOR;
CROSS POINTER INSTRUMENT; DOUBLE MOVEMENT, ONE FOR HORIZONTAL AND THE OTHER FOR VERTICAL INDICATION. THE HORIZONTAL MOVEMENT REQUIRES 100 MICRO AMP FOR MID SCALE & 180 TO 200 MICRO AMP FOR FULL SCALE DEFLECTION. THE VERTICAL IS ZERO
6/1/43 CAY:5#1205649 CDE:3148 REV I
JULY 43 6000A

ID-24/ARN-9
CENTER AND REQUIRES ± 80 TO 160 MICRO AMP FOR FULL SCALE DEFLECTIONS. ENCLOSED IN A STANDARD AN CASE HAVING FOUR HOLES ON A 3" DIAMETER. (-22516)

ID-25/ARC-5 AN/ARC-5
DIAL (190 TO 550KC): RESTRICTED
REMOVABLE DIAL FOR USE ON TUNABLE RECEIVER CONTROL UNITS OF THE ARA AND AN/ARC-5 EQUIPMENTS TO INDICATE PROPER CALIBRATION OF RADIO RECEIVERS -46102, -46129 OR R-23/ARC-5.

7/1/43
JULY 43

ID 26/ARC-5 AN/ARC-5
DIAL (520 TO 1500 KC): RESTRICTED
REMOVABLE DIAL FOR USE ON TUNABLE RECEIVER CONTROL UNITS OF THE ARA AND AN/ARC-5 EQUIPMENTS TO INDICATE PROPER CALIBRATION OF RADIO RECEIVERS -46103, -46145 OR R-24/ARC-5.

7/1/43
JULY 43

ID-27/ARC-5 AN/ARC-5
DIAL (1.5 TO 3 MC): RESTRICTED
REMOVABLE DIAL FOR USE ON TUNABLE RECEIVER CONTROL UNITS OF THE ARA AND AN/ARC-5 EQUIPMENTS TO INDICATE PROPER CALIBRATION OF RADIO RECEIVERS -46104, R-20/ARC-5 OR R-25/ARC-5.

7/14/43
AUG. 43

ID-28/ARC-5 AN/ARC-5
DIAL (3 TO 6 MC): RESTRICTED
REMOVABLE DIAL FOR USE ON TUNABLE RECEIVER CONTROL UNITS OF THE ARA AND AN/ARC-5 EQUIPMENTS TO INDICATE PROPER CALIBRATION OF RADIO RECEIVERS -46105, R-21/ARC-5 OR R-26/ARC-5.

7/14/43
AUG. 43

ID-29/ARC-5 AN/ARC-5
DIAL (6 TO 9.1): RESTRICTED
REMOVABLE DIAL FOR USE ON TUNABLE RECEIVER CONTROL UNITS OF THE ARA AND AN/ARC-5 EQUIPMENTS TO INDICATE PROPER CALIBRATION OF RADIO RECEIVERS -46106, R-22/ARC-5 OR R-27/ARC-5.

7/14/43
AUG. 43

ID-30/APS-2D AN/APS-2D
PLAN REPEATER INDICATOR CONFIDENTIAL
INDICATOR WILL ACCOMMODATE 5, 20, 50, & 100 NAUTICAL MILE RANGE SWEEPS DIRECTION INDICATED BY POSITION OF IMAGE WITH RESPECT TO CENTER OF TUBE. INPUT: 6.3V AC 0.6 AMP, 3.78 WATTS; 200V DC, 11 MA, 2.2 WATTS; 3800V DC, 5 MICROAMP, 0.019 WATTS.
7/15/43 CFR: CPR:5L0-661
NOV.. 43

ID-30/APS-2D
SAME AS ID-2/APS-2 EXCEPT INCORPORATES FOCUS CONTROL AND MOUNTING PROVISIONS HAVE BEEN CHANGED.

ID-30A/APS-2D AN/APS-15
PLAN REPEATER INDICATOR: CONFIDENTIAL
INDICATOR WILL ACCOMMODATE 5, 20, 50, & 100 NAUTICAL MILE RANGE SWEEPS DIRECTION INDICATED BY POSITION OF IMAGE WITH RESPECT TO CENTER OF TUBE. INPUT: 6.3V AC 0.6 AMP, 3.78 WATTS; 200V DC, 11 MA, 2.2 WATTS; 3800V DC, 5 MICROAMP, 0.019 WATTS.
3/3/44 CPR: CPR:5L0-661
MAR. 44

ID-30A/APS-2D
SAME AS PLAN REPEATER INDICATOR ID-2/APS-2 EXCEPT INCORPORATES FOCUS CONTROL AND MOUNTING PROVISIONS HAVE BEEN CHANGED. SAME AS PLAN REPEATER INDICATOR ID-30/APS-2D EXCEPT HAS BRILLANCE CONTROL & ASSOCIATED CIRCUIT CHANGES. USED WITH R-70/APS-15 SERIAL 401.

ID-30AM/APS-2D AN/APS-15AM
PLAN REPEATER INDICATOR: CONFIDENTIAL
INDICATOR WILL ACCOMMODATE 5, 20, 50, & 100 NAUTICAL MILE RANGE SWEEPS DIRECTION INDICATED BY POSITION OF IMAGE WITH RESPECT TO CENTER OF TUBE. INPUT: 6.3V AC 0.6 AMP, 3.78 WATTS; 200V DC, 11 MA, 2.2 WATTS; 3800V DC, 5 MICROAMP, 0.019 WATTS
3/10/45 CPR: CPR:5L0-1646
MAR. 45A

ID-30AM/APS-2D
INCORPORATES FOCUS, BRILLANCE AND VIDEO GAIN CONTROL & ASSOCIATED CIRCUIT CHANGES. SAME AS PLAN REPEATER INDICATOR ID-30/APS-2D EXCEPT MODIFIED TO INCLUDE CIRCUIT MODIFICATION TO ENABLE USE WITH R-78M/APS-15A.

ID-32/APS-6 AN/APS-6
INDICATOR: CONFIDENTIAL
CONSISTS OF 3FP7 CATHODE RAY TUBE AND NECESSARY ASSOCIATED COMPONENTS, BRILLIANCE, FOCUS, GRID AND GUNSIGHT RANGE CONTROLS. PROVIDES CLASS B INDICATION WITH 25, 65 AND 100 NAUTICAL MILE RANGES; CLASS "0" (MODIFIED CLASS H) INDICATION
7/24/43 CAT:
MAR. 44

WITH ID-32/APS-6
APPROXIMATELY 5 MILE AND 1 MILE RANGE; AND CLASS G INDICATION AT 1000 YDS. ALSO PROVIDES FOR DISPLAY OF IFF AND BEACON RESPONSES. SIMILAR TO NAVY TYPE CS-55AAM OF MODEL A1A EQUIPMENT.

ID-33/APA-6 AN/APA-6
INDICATOR: CONFIDENTIAL
DESIGNED TO PLUG INTO THE FRONT PANEL OF NAVY MODEL ARC-1. RADAR EQUIPMENT AN/APR-1 OR AN/APR-4 (SEARCH RECEIVING) IN ORDER TO ANALYZE THE OUTPUT OF THE RECEIVER BY PROVIDING THE FOLLOWING: PULSE SHAPE ON THE SCREEN OF A CATHODE
7/23/43 CGG:
JAN. 44

ID-33/APA-6
RAY TUBE, PULSE WIDTH IN MICROSECONDS, & PULSE REPETITION RATE. OBTAINS POWER FROM RECTIFIER POWER UNIT PP-20/APA-6, OR PP-21/APA-6X. FITS MOUNTING BASE XMT-52/UR.

ID-34/ASQ-1 AN/ASQ-1
INDICATOR:
CONSISTS OF A 3" FLUSH 500-0-500 MICRO-AMPERE METER, SIMILAR TO & INTERCHANGEABLE WITH BASIC METER OF INDICATOR ID-5/ASQ-3 EXCEPT IS CALIBRATED; DOES NOT INCLUDE MOUNTING OR LIGHTING ACCESSORIES. FIRST PURCHASED UNDER
8/18/43 CW:D-166191
OCT. 43

ID-34/ASQ-1
NAVY CONTRACT N158-376.

ID-34A/ASQ-1 AN/ASQ-1
INDICATOR:
CONSISTS OF A 3" FLUSH 500-0-500 MICRO-AMPERE METER WITH LUMINOUS DIAL. SIMILAR TO & INTERCHANGEABLE WITH BASIC METER OF INDICATOR ID-5/ASQ-3 EXCEPT IS CALIBRATED; DOES NOT INCLUDE MOUNTING OR LIGHTING ACCESSORIES. FIRST PURCHASED
8/18/43 CW:D-166191
OCT. 43

ID-34A/ASQ-1
UNDER NAVY CONTRACT N048-562

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

ID-34B/ASQ-1 AN/ASQ-1
 INDICATOR:
 CONSISTS OF A 3" FLUSH 500-0-500 MICRO-AMPERE METER WITH LUMINOUS DIAL, SIMILAR TO & INTERCHANGEABLE WITH BASIC METER OF INDICATOR ID-5/ASQ-3 EXCEPT IS CALIBRATED BUT FIGURES ARE DELETED AND SUBDIVISIONS ARE REDUCED TO A MINIMUM
 8/18/43 CW:D-166034
 NOV. 43

ID-34B/ASQ-1
 WITH DISTINCTIVE MARKS AT CENTER AND ENDS. DOES NOT INCLUDE MOUNTING OR LIGHTING ACCESSORIES. FIRST PURCHASED UNDER NAVY CONTRACT NOa3-148

ID-40/ASQ-3A AN/ASQ-3A
 INDICATOR:
 CONSISTS OF ONE 500-0-500 MICRO-AMPERE INSTRUMENT MOUNTED IN SQUARE BOX WITH INDICATING SIGNAL LIGHT. SIMILAR TO INDICATOR ID-5/ASQ-3 EXCEPT INCLUDES AN INDICATING SIGNAL LIGHT BUT IS NOT INTERCHANGEABLE.
 9/3/43 CW:
 SEPT 43

ID-45/ARR-9 AN/ARR-9
 RANGE INDICATOR: CONFIDENTIAL
 CONTAINS THE CIRCUITS AND COMPONENTS FOR ACCEPTING THE TRIGGERING PULSE AND THE VIDEO SIGNAL FROM THE RELAY SIGNAL SEPARATOR F-9/ARR-9 AND PROVIDES THE VISUAL INDICATIONS SHOWING DISTANCE AS WELL AS DIRECTION OF THE REFLECTING
 11/30/43 CADU:
 NOV. 43

ID-45/ARR-9
 OBJECT. INPUT FROM PP-52/ARR-9 : 0.0005A AT 1950V DC. 0.045A AT 375V DC AND 3.3A AT 6.3V AC. SIMILAR TO NAVY MODEL CJP-55-AAZ.

ID-46/SPA-1 AN/SPA-1
 INDICATOR: CONFIDENTIAL
 DESIGNED TO PLUG INTO THE FRONT PANEL OF MX-24/APR-1 IN ORDER TO ANALYZE THE OUTPUT OF THE RECEIVER BY PROVIDING THE FOLLOWING: PULSE SHAPE ON THE SCREEN OF A CATHODE RAY TUBE, PULSE WIDTH IN MICROSECONDS, & PULSE REPETITION
 11/30/43 CGG:
 NOV. 43

ID-46/SPA-1
 RATE. OBTAINS POWER FROM RECTIFIER POWER UNIT PP-54/SPA-1. FITS MOUNTING BASE *MT-52/UR. SIMILAR TO ID-35/SPA-6 EXCEPT DELAY CIRCUIT ADDED.

ID-50/APA-5 AN/APA-5 CONFIDENTIAL
 INDICATOR:
 CONTAINS 3" CATHODE RAY TUBE USING 3" ELECTROSTATIC DEFLECTION, VERTICAL SWEEP AMPLIFIER, VIDEO AMPLIFIER, INDICATOR LIGHTS AND 1 RCA TUBE TYPE 3FP7 OR EQUAL.
 2 JAN-6AK5 AND 2 JAN-6AG7. SIZE IS APPROX. 6" X 6" X 14". WT. APPROX. 9 LBS.
 12/28/43 CFN:ML-300792-1
 JAN. 45

ID-50/APA-5
 PART OF INDICATOR EQUIPMENT AN/APA-5.

ID-52/MPN-1A AN/MPN-1A
 AZIMUTH INDICATOR: CONFIDENTIAL
 PANEL AND FRAME CONSTRUCTION. CONTAINS TWO FICH CATHODE RAY TUBES AND A TRACKING CURSOR AND ANTENNA ANGLE FOLLOWER FOR EACH TUBE. ALSO CONTAINS SEVERAL RELAYS FOR CHANNEL SWITCHING AND THE NECESSARY VIEWING MIRROR. PRESENTS RANGE
 1/5/44 CRR: AR96237-1
 JAN. 44

ID-52/MPN-1A
 AND AZIMUTH DATA ON DETECTED TARGETS. DIMENSIONS: 19" X 20" X 22". POWER INPUT: 117 V. AC. VIDEO, 4000V DC AND 200V DC. SIMILAR TO A COMBINATION OF AZIMUTH INDICATOR ID-36/MPN-1. ELEVATION ANTENNA FOLLOWER ASSEMBLY MX-48/MPN-1 AND AZIMUTH DIRECTOR ASSEMBLY MX-32/MPN-1.

ID-53/MPN-1A AN/MPN-1A
 ELEVATION INDICATOR: CONFIDENTIAL
 PANEL AND FRAME CONSTRUCTION. CONTAINS TWO 7" CATHODE RAY TUBES AND A TRACKING CURSOR & ANTENNA ANGLE FOLLOWER FOR EACH TUBE. IN ADDITION, IT CONTAINS SEVERAL RELAYS FOR CHANNEL SWITCHING & THE NECESSARY VIEWING MIRRORS. PRESENTS
 1/5/44 CRR: AR96236-1
 JAN. 44

ID-53/MPN-1A
 RANGE AND ELEVATION ON DETECTED TARGETS. DIMENSIONS: 19" X 20" X 22". POWER INPUT 117V AC. VIDEO, 4000 VOLTS DC. 200V DC. SIMILAR TO A COMBINATION OF ELEVATION INDICATOR ID-37/MPN-1 AZIMUTH ANTENNA FOLLOWER ASSEMBLY MX-47/MPN-1 AND ELEVATION DIRECTOR ASSEMBLY MX-33/MPN-1.

ID-54/MPN-1A AN/MPN-1A
 SEARCH INDICATOR: CONFIDENTIAL
 PANEL AND FRAME CONSTRUCTION. CONTAINS THE NECESSARY CIRCUITS FOR GENERATING A CIRCULAR SWEEP ON THE CATHODE RAY TUBE, FOR GENERATING FIXED AND VARIABLE RANGE MARKS, AND FOR GENERATING AN OPERATING TRIGGER FOR USE ON THE SEARCH SYSTEM
 1/5/44 CRR: AR96228
 JAN. 44

ONLY IN CASE OF FAILURE ID-54/MPN-1A OR SHUT-DOWN OF THE PRECISION SYSTEM. HOUSES THE CATHODE RAY TUBE AND VIEWING MIRROR. DIMENSIONS: 19" X 20" X 22" FURNISHES VISUAL DATA AS TO NO. OF AIRCRAFT AND RESPECTIVE POSITIONS. SIMILAR TO A COMBINATION OF SEARCH INDICATOR ID-35/MPN-1. SEARCH CENTRAL SN-6/MPN-1 AND RECTIFIER POWER UNIT PP-27/MPN-1. POWER INPUT: 117 V AC. 4 KV. DC.

ID-55/MPN-1A AN/MPN-1A
 APPROACH INDICATOR: CONFIDENTIAL
 PANEL AND CHASSIS CONSTRUCTION, WITH AN ADDITIONAL ENCLOSURE FASTENED TO THE FRONT OF THE PANEL AND CONTAINING THE ERROR METERS FOR AZIMUTH AND ELEVATION SO CONSTRUCTED AS TO SIMULATE THE POSITION OF THE AIRCRAFT WITH RESPECT TO THE
 1/5/44 CRR: AR-96238-1
 JAN. 44

FLIGHT AXES ALSO ID-55/MPN-1A
 CONTAINS THE CIRCUITS FOR THE INTERCOM. AMPLIFIERS, MICROPHONE SUPPLY FOR THREE OPERATING POSITIONS AND THE SELECTOR SWITCHES USED TO SELECT THE DESIRED COMMUNICATIONS CHANNEL FOR THE CONTROLLER. POWER INPUT: ERROR VOLTAGES. 117V AC. DIMENSIONS: 19" X 11 1/2" X 24". SIMILAR TO BUT NOT INTERCHANGEABLE WITH: APPROACH INDICATOR ID-38/MPN-1.

ID-58/APA-38 AN/APA-38 CONFIDENTIAL
 INDICATOR:
 PROVIDES VISUAL RECEPTION OF R.F. SIGNALS. IF INPUT 30 MC ± 3 MC MOUNTS ON MOUNTING BASE MT-167/U. POWER SUPPLY: 110/10/400~, SELF-CONTAINED. USED WITH EQUIPMENT OF THE TYPE OF RECEIVING EQUIPMENT AN/APR-1. FIRST PROCURED ON
 1/20/44 CPN:
 SEPT. 44

ID-58/APA-38
 CONTRACT NX3a-60022 FROM PANORAMIC RADIO CORP.

ID-61/APA-24 AN/APA-24 RE 13A 862A
 ANTENNA POSITION INDICATING ASSEMBLY: CONSISTS OF A SYNCHRO TRANSMITTER AND A SYNCHRO RECEIVER AND INTERCONNECTING CABLE. USED TO GIVE ANTENNA POSITION BEARING.
 INPUT 80 OR 115/10/400 OR 800~.
 1/29/44
 FEB. 45

ID-66/AXR-1 AN/AXR-1
 MONITOR INDICATOR: CONFIDENTIAL
 AN AUXILIARY VIEWING UNIT CONTAINING VIDEO AMPLIFIER CIRCUITS, DRIVEN TYPE DEFLECTION CIRCUITS HIGH VOLTAGE GENERATOR AND 7" CATHODE RAY TUBE. MAY BE USED FOR TEST PURPOSES BY DIRECT CONNECTION TO CONVERSION UNIT PH-522/AXT-2
 2/12/44
 FEB. 44

ID-66/AXR-1
 WT. APPROX. 30 LBS. SIZE APPROX. 9" X 11" X 19".

ID-66A/AXR-1 AN/AXR-1
 MONITOR INDICATOR: CONFIDENTIAL
 AN AUXILIARY VIEWING UNIT CONTAINING VIDEO AMPLIFIER CIRCUITS, DRIVEN TYPE DEFLECTION CIRCUITS, HIGH VOLTAGE GENERATOR AND 7" CATHODE RAY TUBE. MAY BE USED FOR TEST PURPOSES BY DIRECT CONNECTION TO CONVERSION UNIT PH-522/AXT-2
 4/12/45 CFN:
 APR. 45

ID-66A/AXR-1
 OR PH-548/AXT-2A. WT. APPROX. 30 LBS. SIZE APPROX. 9" X 11" X 19". SIMILAR TO ID-66/AXR-1 EXCEPT INCLUDES NOISE SUPPRESSION CIRCUIT. FIRST PROCURED ON NX3a-93948.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

ID-67/APS-3(XN-1) AN/APS-3 RE-9075-A
 REPEATER INDICATOR: CONFIDENTIAL
 INCLUDES A FOCUSING YOKE, VERTICAL & HORIZONTAL CENTERING COILS, FOCUSING CONTROLS & A 3FP7 CATHODE RAY TUBE. INPUT: 6.3 V AC FOR FILAMENTS, 4500 V DC FOR ANODE, 400 V DC FOR VERTICAL DEFLECTION COIL, 300 V DC FOR FOCUSING & 2/26/44 CPR: CPR:5LO-583
 FEB. 44

HORIZONTAL DEFLECTION ID-67/APS-3(XN-1)
 COIL, & VIDEO VOLTAGE, & APPROXIMATELY 90V DC FOR CATHODE GATE. SIMILAR TO PLAN REPEATER INDICATOR ID-2/APS-2 (-55ACW) EXCEPT INCLUDES FOCUS & VIDEO GAIN CONTROLS & RECEPTACLES HAVE BEEN CHANGED & GIVES CLASS "B" INSTEAD OF CLASS "P" (PPI) INDICATION. SIMILAR TO ID-15, APS-3 EXCEPT SMALLER & MORE COMPACT & MOUNTS ON INSTRUMENT PANEL OF AIRCRAFT.

ID-68/APS-15 AN/APS-15
 PLAN REPEATER INDICATOR: CONFIDENTIAL INDICATOR WILL ACCOMMODATE 5, 20, 50, & 100 NAUTICAL MILE RANGE SWEEPS DIRECTION INDICATED BY POSITION OF IMAGE WITH RESPECT TO CENTER OF TUBE. INPUT: 6.3V AC 0.6 AMP, 3.78 WATTS; 200V DC, 11 MA, 2.2 WATTS; 3800V DC, 5 MICROAMP, 0.019 WATTS. 2/26/44 CPR: CPR:5LO-661
 MAR. 44

ID-68/APS-15
 SAME AS PLAN REPEATER INDICATOR ID-2/APS-2 EXCEPT INCORPORATES FOCUS CONTROL AND MOUNTING PROVISIONS HAVE BEEN CHANGED. SAME AS PLAN REPEATER INDICATOR ID-30/APS-2D EXCEPT HAS BRILLIANCE CONTROL & ASSOCIATED CIRCUIT CHANGES. USED WITH NAME R-70/APS-15 SERIAL 401.
 --CANCELLED--

ID-78/ARQ-10 AN/ARQ-10 CONFIDENTIAL
 INDICATOR-AMPLIFIER
 INDICATES PANORAMIC SWEEP OF FREQUENCIES CENTERED AT RECEIVER SETTING AND BY TWO VERTICAL LINES INDICATES THE RELATIVE FREQUENCIES OF THE VICTIM AND JAMMING CIRCUITS. ALSO INCLUDES RECEIVER AUDIO AMPLIFIER, HEAD-PHONE JACK, TRANSMITTER 4/3/44 CFT:
 APR. 44

ID-78/ARQ-10
 MICROPHONE AND KEY JACKS AND SWITCHES FOR APPLYING VARIOUS TYPES OF MODULATION TO THE TRANSMITTER. INCLUDES SPOT CENTERING, FOCUS AND BRILLIANCE CONTROLS. WT. APPROX. 25 LBS. SIZE: 1 ATR RACK.

ID-80/APA-17 AN/APA-17
 AMPLIFIER-INDICATOR: CONFIDENTIAL
 INCLUDES A 5" CATHODE RAY TUBE WITH LONG PERSISTENCE SCREEN, SYNCHRO UNIT, PHASING CONDENSER TO PRODUCE CIRCULAR SWEEP. VIDEO AMPLIFIER FOR PRODUCING SUFFICIENT VOLTAGE TO BE APPLIED TO PLATES OF CATHODE RAY TUBE. USED TO INDICATE 4/4/44 CANB:
 APR. 44

ID-80/APA-17
 DIRECTION OF RECEIVED SIGNAL. INPUT 250V DC, 1500 V DC AND 115V/1ϕ/400-2600.

ID-80A/APA-17 AN/APA-17A
 AMPLIFIER-INDICATOR: CONFIDENTIAL
 INCLUDES A 5" CATHODE RAY TUBE WITH LONG PERSISTENCE SCREEN, SYNCHRO UNIT, PHASING CONDENSER TO PRODUCE CIRCULAR SWEEP. VIDEO AMPLIFIER FOR PRODUCING SUFFICIENT VOLTAGE TO BE APPLIED TO PLATES OF CATHODE RAY TUBE. USED TO INDICATE 4/14/44 CKB:
 APR. 44

ID-80A/APA-17
 DIRECTION OF RECEIVED SIGNAL. INPUT 250V DC, 1500 V DC AND 115V/1ϕ/400-2600. SAME AS ID-80/APA-17 EXCEPT HAS DIFFERENT COMPONENT PARTS.

ID-84/TPS-1B AN/TPS-1B
 INDICATOR UNIT: CONFIDENTIAL
 INCLUDES 7" CATHODE RAY TUBE OF THE ELECTRO MAGNETIC DEFLECTION TYPE AS A PPI INDICATOR, 5" ELECTROSTATIC TUBE AS A CLASS A INDICATOR. ALSO INCLUDES RECTIFIER CIRCUITS FOR PROVIDING H.V. DC. FOR THESE TUBES AND IF CIRCUITS FOR 4/17/44 CW:X-66171G CW:2L-418492
 DEC. 44

R-87/TPS-1B. INDICATOR MAY ID-84/TPS-1B
 BE CALIBRATED IN NAUT. OR STATUTE MI. ALSO INCLUDES ANT. ROTATION SWITH. IFF OPERATING CONTROL, & XMTR. ON-OFF SWITCH. MAY BE OPERATED AT A REMOTE POINT FROM THE REST OF AN/TPS-1B BY CONNECTION THRU A COMBINATION CABLE. INPUT: 115/1ϕ/400 & 27V. DC. & 300. 450 & -150V DC FROM PP-91/TPS-1B & 100V PULSE FROM HD-32/TPS-1B.

ID-86/UXR-2 AN/UXR-2
 VIEWING MONITOR: CONFIDENTIAL
 CAPABLE OF RECEIVING INTELLIGENCE FROM RADIO RECEIVER R-90/UXR-2 AND REPRODUCING THE PICTURE INFORMATION ON A 12" KINESCOPE SCREEN. MAY BE REMOTELY LOCATED FROM R-90/UXR-2. MAY ALSO BE USED WITH PHOTOGRAPHIC EQUIPMENT AN/UFA-1. POWER 5/4/44
 MAY 44

ID-86/UXR-2
 INPUT 26V DC & 300V DC. FROM MOTOR-GENERATOR SET PU-37/UXR-2. MAY BE USE WITH BLOCK I OR BLOCK III EQUIPMENT.

ID-87/AXS-1 AN/AXS-1
 MONITOR: CONFIDENTIAL
 USED TO PRESENT VISUAL INDICATION OF OUTPUT OF EITHER CONVERSION UNIT PH-536/AXS-1 OR PH-537/AXS-1 OR OUTPUT OF AMPLIFIER-CONTROL UNIT C-138/AXS-1 OR OUTPUT OF VIDEO TRANSMITTER. CONTAINS A 7" VIEWING TUBE AND AMPLIFYING AND 5/4/44
 MAY 44

ID-87/AXS-1
 DEFLECTION CIRCUITS AND A 6000V ANODE POWER SUPPLY. INPUT: 110V/1ϕ/400-2400- AND 250V DC FROM PP-97/AXS-1 OR PP-98/AXS-1.

ID-89/MPN-1A AN/MPN-1A.1B
 ALTIMETER PANEL
 PANEL WHICH MOUNTS IN MOUNTING RACK NT-177/MPN-1A AND CONTAINS A KOLLSMAN ALTIMETER AN 5760-2 FOR USE BY THE PLANE SELECTOR OPERATOR OF RADIO SET AN/MPN-1A & AN/MPN-1B. SIZE 19" X 5". WT. 3 LBS. 5/19/44 CRR: CRR:AN 92176-1
 MAY 44

ID-95/AXR-3 AN/AXR-3
 INDICATOR: CONFIDENTIAL
 PRESENTS TELEVISION INDICATION OF RECEIVED INTELLIGENCE ON A 181P17 CPI TUBE OR MODIFICATION THEREOF. CONTAINS VIDEO AMPLIFIER, DEFLECTION OSCILLATORS AND HIGH VOLTAGE RECTIFIER CIRCUITS. SIZE APPROX. 10" X 10" X 15". WT. APPROX. 5/29/44
 JUN. 44

15 LBS. OBTAINS POWER ID-95/AXR-3 FROM AMPLIFIER-POWER SUPPLY AM-54/AXR-3 INPUT 28 V, 400 V AND 220 V DC AND -28 V DC. CONTAINS ON-OFF SWITCH FOR ENTIRE EQUIPMENT, CONTRAST CONTROL, BRIGHTNESS CONTROL, VERTICAL HOLD CONTROL, HORIZONTAL HOLD CONTROL.

ID-96/ARR-16 AN/ARR-16
 AZIMUTH INDICATOR: CONFIDENTIAL
 SQUARE FACE TYPE, 4 1/2". DE JUR ANSCO METER ON EQUAL. HOUSED IN A SEPARATE METAL BOX. USED TO GIVE AZIMUTH INDICATION OF AN/CRT-4.

6/20/44
 JUN. 44

ID-97/ARR-16 AN/ARR-16
 AZIMUTH INDICATOR: CONFIDENTIAL
 SQUARE FACE TYPE, 4 1/2". DE JUR ANSCO METER OR EQUAL. HOUSED IN A SEPARATE METAL BOX. USED TO GIVE AZIMUTH INDICATION OF AN/CRT-4. SAME AS ID-96/ARR-16 EXCEPT INCLUDES A 2 CONTACT PHONE JACK TO ENABLE PILOT TO LISTEN TO RADIO 6/20/44
 JUN. 44

RECEIVER R-106/ARR-16. ID-97/ARR-16

ID-106/APD-1 AN/APD-1
 INDICATOR: CONFIDENTIAL
 DIRECTION FINDER INDICATOR HAVING A 5" SCOPE AND ASSOCIATED AMPLIFIER. THE RELATIVE SIGNAL STRENGTH IS INDICATED BY THE POSITION OF THE SPOT IN THE VERTICAL PLANE. A MODIFIED ASE INDICATOR THOUGH NOT ELECTRICALLY OR MECHANICALLY INTER- 8/16/44
 AUG. 44A

ID-106/APD-1
 CHANGEABLE, EQUIPMENT WILL BE INSTALLED IN TBF NAVAL AIRCRAFT. APPROX. SIZE 20 1/4" X 9 1/4" X 9 1/16" WT. APPROX. 22 LBS. REQUIRES 120V AC. AT 800 CPS & 28V DC. PART OF AN/APD-1. MFD. BY WILL-MOTTE LABS. WASH. D.C. ON CONTRACT NOAs-4148.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

ID-108/APS-15-T1 AN/APS-15-T1
 PLAN REPEATER INDICATOR: CONFIDENTIAL
 INDICATOR WILL ACCOMMODATE 5, 20, 50, & 100 NAUTICAL MILE RANGE SWEEPS DIRECTION INDICATED BY POSITION OF IMAGE WITH RESPECT TO CENTER OF TUBE. INPUT: 6.3V AC 1.0 AMP, 6.30 WATTS; 200V DC, 11 MA. 2.2 WATTS; 3800V DC. 5 MICROAMP, 0.019 WATTS.
 9/20/44 CGP: CGP:10339
 SEPT. 44A

SAME AS PLAN ID-108/APS-15-T1
 REPEATER INDICATOR ID-2/APS-2 EXCEPT INCORPORATES "FOCUS" & "BRILLIANCE" CONTROL AND MOUNTING PROVISIONS HAVE BEEN CHANGED. SAME AS PLAN REPEATER INDICATOR ID-30A/APS-2D EXCEPT HAS BRILLIANCE CONTROL & ASSOCIATED CIRCUIT CHANGES. HAS DRIFTLINE INDICATOR. WITH ASSOCIATED WIRING CHANGES.

ID-112/ASG-10 AN/ASG-10 RESTRICTED
 ALTIMETER UNIT
 ALTIMETER UNIT CONSISTS OF A BAROMETRIC ELEMENT AND ELECTRICAL COMMUTATOR DESIGNED TO GIVE ELECTRICAL IMPULSES AT PRE-CHOSEN ALTITUDE POINTS BETWEEN 1500 AND 10,000 FT. THE POINTS ARE CHOSEN IN GEOMETRIC PROGRESSION IN WHICH EACH
 10/12/44 CMX:
 OCT. 44

ID-112/ASG-10
 POINT IS 6/5 THE ALTITUDE OF THE POINT BELOW IT. THIS UNIT IS USED TO INITIATE TIMING AND COMPUTATION IN COMPUTER UNIT CP-15/ASG-10. USED AS PART OF AN/ASG-10. WEIGHT: 1.5 LBS. SIZE: 6 1/2" X 3" DIA. POWER SUPPLY FROM CP-15/ASG-10. PROCUREMENT: THROUGH BU ORD CONTRACT NO. OSRD L/1 4745. MADE BY THE MAGNAVOX CO.

ID-114/APS-3 AN/APS-3.3A RE-9619-A
 REPEATER INDICATOR: CONFIDENTIAL
 INCLUDES A FOCUSING YOKE, VERTICAL & HORIZONTAL DEFLECTION COILS, FOCUSING CONTROLS & A 3HP7 CATHODE RAY TUBE. INPUT: 6.3 V AC FOR FILAMENTS, 4500V DC FOR ANODE, 300 V DC FOR GRID 2, DEFLECTION COIL CURRENTS, 195V FOR FOCUSING
 10/9/44 CGZ:
 FEB. 45A

ID-114/APS-3
 COIL, VIDEO FOR TUBE, AND 90V DC MAX. FOR CATHODE. SIMILAR TO ID-19/APS-3 EXCEPTS SUBSTITUTES 3HP7 CATHODE RAY TUBE FOR 5FP7 AND FOCUS AND BRILLIANCE CONTROLS ARE LOCATED IN C-255/APS-3 CONNECTED TO THE INDICATOR PROPER BY A CABLE. FOR USE IN "A" AIRCRAFT. USED WITH BUT NOT PART OF AN/APS-3. 3A.

ID-124/GHQ-5 AN/GHQ-5
 PHASE-METER: CONFIDENTIAL
 MEASURES AND INDICATES PHASE DIFFERENCE BETWEEN 10 KC. OUTPUT SIGNAL FROM RADIO TRANSMITTER T-119/GHQ-5 AND 10 KC. SIGNAL VOLTAGE OBTAINED FROM GONIOMETER GO-1/GHQ-5. IN OPERATION THE PHASE OF THE GONIOMETER OUTPUT SIGNAL IS MANUALLY
 11/17/44
 NOV. 44

ID-124/GHQ-5
 ADJUSTED TO KEEP STEP WITH THE PHASE OF THE RADIO RECEIVER'S OUTPUT.

ID-125/GHQ-5 AN/GHQ-5 CONFIDENTIAL
 OSCILLOSCOPE
 A STANDARD 3" OSCILLOSCOPE USED TO PROVIDE A CHECK ON POSITIONING OF ANTENNA ASSEMBLY AS-223/GMQ-5 AND A VISUAL INDICATION OF PHASE RELATION BETWEEN THE TRANSMITTED AND THE RECEIVED SIGNAL PROVIDES "ROUGH CHECK" OF INDICATION.
 12/4/44
 DEC. 44

ID-125/GHQ-5
 USED IN CONJUNCTION WITH PHASE METER ID-124/GHQ-5. MOUNTED ON PANEL OF CONSOLE CT-329/GHQ-5.

ID-128/APS-20 AN/APS-20 CONFIDENTIAL
 REPEAT INDICATOR
 REPEAT INDICATOR - CONSISTS OF A FOCUSING YOKE, DEFLECTION COILS, A 5FP7 CATHODE RAY TUBE AND VIDEO AMPLIFIER. CONTROLS ARE PROVIDED FOR VIDEO GAIN, CRT BIAS AND FOCUS AND RANGE SELECTION. INPUTS ARE 120 VOLT, 400 CYCLE, AC. OPERA-
 11/23/44 CAEV:
 DEC. 44

ID-128/APS-20
 TING POTENTIALS FOR VIDEO AMPLIFIER AND CATHODE RAY TUBE AND SYNCHRO AND VIDEO SIGNALS FROM ASSOCIATED UNITS. DIMENSIONS: 20" X 8" X 8". WT.: 12 LBS.

ID-128A/APS-20 AN/APS-20A CONFIDENTIAL
 REPEAT INDICATOR:
 REPEAT INDICATOR - CONSISTS OF A FOCUSING YOKE, DEFLECTION COILS, A 5FP7 CATHODE RAY TUBE AND VIDEO AMPLIFIER. CONTROLS ARE PROVIDED FOR VIDEO GAIN, CRT BIAS AND FOCUS AND RANGE SELECTION. INPUTS ARE 120 VOLT, 400 CYCLE, AC. OPERA-
 4/14/45 CAEV:
 APR. 45A 948A

ID-128A/APS-20
 TING POTENTIALS FOR VIDEO AMPLIFIER AND CATHODE RAY TUBE AND AZIMUTH INFORMATION AND VIDEO SIGNALS FROM ASSOCIATED UNITS. DIMENSIONS: 20" X 8" X 8". WT.: 12 LBS. SIMILAR TO ID-128/APS-20 EXCEPT INCLUDES PROVISIONS FOR FLEXIBLE SHAFT AZIMUTH DRIVE.

ID-130/APS-20 AN/APS-20 RESTRICTED
 FLUXGATE MASTER INDICATOR:
 MODEL 12005 BENDIX MASTER INDICATOR MODIFIED BY ADDITION OF A SMALL SIZE 1 TO 3 PHASE AND A SMALL 1 TO 2 PHASE AC SYNCHRO-GENERATOR DIRECT COUPLED AND ATTACHED TO ROTATING MEMBER OF MASTER INDICATOR. USED TO STABILIZE THE PPI PRESENTA-
 12/9/44 CAEV: CAEV:5-E332
 FEB. 45

ID-130/APS-20
 TIONS OF THE PLANE AND SHIPBOARD INDICATORS. DIMENSIONS: 10" X 6". WEIGHT: 6 LBS.

ID-131/APS-20 AN/APS-20
 PRESSURE GAUGE PANEL:
 A PANEL CONTAINING 3 PRESSURE GAUGES, ONE CONNECTED TO THE RADAR TRANSMITTER CONTAINER, ONE TO THE RF LINE AND ONE TO THE MODULATOR. USED TO INDICATE THE DIFFERENTIAL PRESSURE IN EACH ONE OF THESE UNITS. METER RANGES 0-30 LBS. DIMENSIONS:
 12/9/44 CAKX:
 DEC. 44

ID-131/APS-20
 6" X 10" X 5". WEIGHT: 3 LBS.

ID-132/ARR-16A AN/ARR-16A CONFIDENTIAL
 AZIMUTH INDICATOR:
 SQUARE FACE TYPE, 4 1/4" X 3 15/16". WESTON MODEL 861. HOUSED IN A SEPARATE METAL BOX. USED TO GIVE AZIMUTH INDICATION OF AN/CRT-4. FIRST PROCURED FROM FREED RADIO CORP ON NXSA 64129.

12/18/44 CFF:
 DEC. 44

ID-133/ARR-16A AN/ARR-16A CONFIDENTIAL
 AZIMUTH INDICATOR:
 SQUARE FACE TYPE, 4 1/4" X 3 15/16". WESTON MODEL 861. HOUSED IN A SEPARATE METAL BOX. USED TO GIVE AZIMUTH INDICATION OF AN/CRT-4. SAME AS ID-132/ARR-16A EXCEPT INCLUDES A 2 CONTACT PHONE JACK TO ENABLE PILOT TO LISTEN TO RADIO REC-
 12/18/44 CFF:
 DEC. 44

ID-133/ARR-16A
 CEIVER R-145/ARR-16A. FIRST PROCURED FROM FREED RADIO CORP ON NXSA 64129

ID-139/GPX-2 AN/GPX-2
 SPEC: EN-102
 INDICATOR-CONTROL UNIT: CONFIDENTIAL
 INDICATOR-CONTROL UNIT CONSISTS OF BC-929A AND BC-1145A COMBINED. THESE ARE MODIFIED FOR OPERATION FROM 60 CYCLE POWER AND MOUNTED IN A STANDARD 19" RELAY RACK CABINET. POWER REQUIREMENTS: 110V AC 50-70 CYCLES. SIZE: 20" X 11" X 1 1/2/45
 JAN. 45

ID-139/GPX-2
 15" MAXIMUM. PART OF: AN/GPX-2. CONTRACT NO. 9 4516 WITH MAJESTIC RADIO AND TELEVISION CORP.

ID-140/APS-6-T1 AN/APS-6-T1
 INDICATOR UNIT: CONFIDENTIAL
 INDICATOR UNIT CONSISTING OF THREE SETS OF POTENTIOMETERS AND ASSOCIATED DIALS FOR INDICATING AND TRANSMITTING THE TARGET AZIMUTH, ELEVATION AND SLANT RANGE. SLANT RANGE IS OBTAINED FROM TARGET SIMULATOR SM-7/APS-6-T1. ELEVATION & 1/24/45 CATI:
 JAN. 45

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|---|-----------------------|--------------------|---|
| | | ID-140/APS-6-T1 | | | ID-153/APA-5A | | | ID-161/APS-31 |
| | | AZIMUTH IS OBTAINED FROM CN-47/APS-6-T1 ATTITUDE CORRECTION UNIT. | | | MENT AN/APA-5A. SIMILAR TO ID-50/APA-5 EXCEPT CIRCUIT CHANGES AND IMPROVEMENTS. NOT INTERCHANGEABLE. | | | 4" X 4" X 3 3/16". WT. APPROX. 1 LB. |
| | | | | | CANCELLED - NEVER USED 3/7/45 | | | |
| | | ID-143/DPX GEN. USE | | | ID-156/APA-5 AN/APA-5 CONFIDENTIAL | | | ID-171(CXN-)/APS-4 AN/APS-4 |
| | | REMOTE INDICATOR: CONFIDENTIAL CONTAINS SIX PILOT LIGHTS, THREE OF WHICH ARE MARKED IFF, PI AND FLI RESPECTIVELY AND THREE OF WHICH ARE MARKED WITH THE NAMES OF THE ASSOCIATED RADAR. USED TO PROVIDE INFORMATION AT A REMOTE LOCATION AS TO TYPE OF RADAR & IFF 1/26/45 JAN. 45 | | | INDICATOR: 948B CONTAINS 5" CATHODE RAY TUBE USING 3" ELECTROSTATIC DEFLECTION, VERTICAL SWEEP AMPLIFIER AND VIDEO AMPLIFIER, IS ALSO EQUIPPED WITH SPECIAL CLEAR ADJUSTABLE FILTER AND INDEPENDENT RANGE CENTERING CONTROL. DIMENSIONS: 6" X 6" X 14". 3/15/45 CFN: MAR. 45 | | | INDICATOR: CONFIDENTIAL OPERATES FROM INDICATOR AMPLIFIER OF AN/APS-4; MADE BY WESTERN ELECTRIC CO. PROVIDES 5" CLASS B INDICATION WITH ELECTRONIC RANGE MARKS, AZIMUTH EXPANSION AND STEERABLE AZIMUTH AND RANGE 4/27/45 APR. 45 |
| | | ID-143/UPX | | | ID-156/APA-5 | | | ID-171(CXN-)/APS-4 |
| | | INFORMATION THAT IS AVAILABLE. | | | WEIGHT: 9 LBS. SIMILAR TO ID-50/APA-5 EXCEPT MODIFIED TO INCLUDE ADDITIONAL FUNCTIONS. | | | LINES. USED WITH AM-120(CXN-)/APS-4. |
| | | ID-151/ARR-16B AN/ARR-16B CONFIDENTIAL | | | ID-156/APS-19 AN/APS-19 948AC | | | J-2/APS-2-T1 AN/APS-2-T1 |
| | | ZIMUTH INDICATOR: GENERAL ELECTRIC CO. SPECIAL SQUARE FACE TYPE MICROAMMETER CALIBRATED TO READ BEARING IN DEGREES FROM MAGNETIC NORTH. HOUSED IN SEPARATE METAL BOX FOR SHOCK MOUNTING. USED WITH RECEIVER TO GIVE LOCAL AZIMUTH INDICATION OF AN/CRT-4. 1/22/45 EB. 45 | | | INDICATOR: RESTRICTED CONSISTS OF A 3" ELECTROSTATIC CATHODE RAY TUBE EMPLOYING MECHANICAL ALIGNMENT THREE ALTIMETER INDICATOR LAMPS AND A SPECIAL RED FILTER FOR USE IN NIGHT FIGHTERS ARE PROVIDED. INDICATES BEACON, SEA SEARCH, AIR SEARCH, AND INTERCEPT. 3/23/45 CS: APR. 45 | | | COMPONENT INDICATOR "J" JUNCTION, JACK AND TERMINAL BOXES |
| | | ID-151/ARR-16B | | | ID-158/APS-19 | | | J-2/APS-2-T1 |
| | | SIMILAR TO ID-132/ARR-16A EXCEPT INCLUDES IMPROVEMENTS AND PROVISIONS FOR DIAL LIGHTS. SAME AS ID-152/ARR-16B EXCEPT THAT IT DOES NOT INCLUDE 2 CIRCUIT JACK. | | | DIMENSIONS: 13 3/8" LONG X 4 1/2" DIA. WT: 4 LBS. | | | JUNCTION BOX CONTAINS A WIRING PANEL, TWO 3 FT CABLES FOR CONNECTING TO RECEPTACLES OF RECEIVER-INDICATOR R-7/APS-2 & THREE RECEPTACLES. FOR ATTACHING TO TRANSMITTER-CONVERTER RT-4/APS-2, REPEATER-AMPLIFIER AM-3/APS-2-T1 & PLAN REPEATER 2/25/43 CPR: MAY 43A |
| | | ID-152/ARR-16B AN/ARR-16B CONFIDENTIAL | | | ID-160/APS-31 AN/APS-31 CONFIDENTIAL | | | J-2/APS-2-T1 |
| | | AZIMUTH INDICATOR: GENERAL ELECTRIC CO. SPECIAL SQUARE FACE TYPE MICROAMMETER CALIBRATED TO READ BEARING IN DEGREES FROM MAGNETIC NORTH. HOUSED IN SEPARATE METAL BOX FOR SHOCK MOUNTING. USED WITH TO GIVE REMOTE AZIMUTH INDICATION OF AN/CRT-4 DIFFERS 2/22/45 FEB. 45 | | | INDICATOR: INCLUDES JAN TYPE SHP7 CATHODE RAY TUBE, LIGHT-FILTER, VIDEO AMPLIFIER, CHAIN-ATTACHED VIDEO TERMINATING RESISTOR, DEFLECTION COIL, FOCUS MAGNET IN A METAL HOUSING, AND A CABLE ATTACHED CONNECTOR BOX. PROVIDES VISUAL INDICATION OF SIG-4/3/45 CPR: APR. 45A | | | INDICATOR ID-2/APS-2. |
| | | ID-152/ARR-16B | | | ID-160/APS-31 | | | J-5/APS-4 AN/APS-4 E-183-B |
| | | FROM ID-151/ARR-16B BY INCLUSION OF A 2 CIRCUIT JACK TO ENABLE PILOT TO LISTEN TO RADIO RECEIVER R-156/ARR-163. SIMILAR TO ID-133/ARR-16A EXCEPT FOR IMPROVEMENTS AND PROVISIONS FOR DIAL LIGHTS. | | | RADAR. HAS FOLLOWING CONTROLS: FOCUS, 2 CENTERING CONTROLS, BIAS, MARKER BRILLIANCE AND MASTER BRILLIANCE. INCLUDES 3 SHOCKMOUNTS. SIZE: APPROX. INDICATOR IS 13 1/2" X 6" X 7" AND CONNECTOR BOX IS 7 3/8" X 4 5/8" X 2 3/8". WT. APPROX. 10 LBS. DESIGNED TO MOUNT IN AN INSTRUMENT PANEL WHEN AUXILIARY SHOCK MOUNTED SURFACE IS PROVIDED. | | | JUNCTION BOX CONTAINS CONDUIT FITTINGS FOR CABLES TO RECEIVER-TRANSMITTER RT-5/APS-4 & CONTROL UNIT C-12/APS-4 AND RECEPTACLES TWO FOR CABLES TO INDICATOR AMPLIFIER UNITS AM-5/APS-4 TWO FOR CONNECTION TO "IFF" EQUIPMENTS & ONE FOR POWER INPUT 4/5/43 CW:0151505 CW:BR-11691 FEB. 44 |
| | | ID-153/APA-5A AN/APA-5A CONFIDENTIAL | | | ID-161/APS-31 AN/APS-31 | | | J-5/APS-4 |
| | | INDICATOR: CONTAINS 3" CATHODE RAY TUBE USING 3" ELECTROSTATIC DEFLECTION, VERTICAL SWEEP AMPLIFIER, INDICATOR LIGHTS AND 1 RCA TUBE TYPE 3EP7 OR EQUAL, AND 2 JAN-GAG7. SIZE IS APPROX. 6" X 6" X 14". WT. APPROX. 9 LBS. PART OF INDICATOR EQUIP-2/24/45 MAR. 45 | | | RANGE MARKER INDICATOR: CONFIDENTIAL CONTAINS SIX RED LIGHTS MARKED "2", "5", "10", "20", "50", "0" (WITH INTENSITY CONTROL). "2", "5", "10", "20", "50" INDICATE RANGE MARKER SEPARATION AND "0" IS FOR DELAYED SWEEPS. MAY BE USED WITH INDICATOR ID-162/APS-31. SIZE: APPROX. 4/4/45 CPR: APR. 45A | | | (AC & DC) AN-3102-18-11P. OVERALL DIMENSIONS APPROX. 5" HIGH (COVER RECEPTACLES) BY 11-3/4" WIDE (COVER CONDUIT FITTINGS) BY 3-1/16" (COVER FUSE HOLDERS). ONE AN-3106-18-11S PLUG SUPPLIED LOOSE. WT. 3 LBS. |

Army-Navy Designations

4-71

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

J-6/APS-2 AN/APS-2
 JUNCTION BOX:
 POWER DISTRIBUTION BOX CONSISTING OF A WIRING TERMINAL PANEL AND A NOISE FILTER INCLUDES THREE RECEPTACLES BUT DOES NOT INCLUDE ANY CABLES OR BOX CONNECTORS.

5/15/43 CPR:
 JUNE 43

J-15/APS-15 AN/APS-15
 JUNCTION BOX:
 POWER DISTRIBUTION BOX CONSISTING OF A WIRING TERMINAL PANEL, A NOISE FILTER, AND A VIDEO TRANSFORMER FOR SUPPLYING LAB TRIGGER PULSE AND IFF AND MONITORING PULSE. INCLUDES 6 RECEPTACLES AND HOLES FOR 6 CABLES AND ASSOCIATED BOX CON-5/15/43 CPR:
 OCT. 43

J-15/APS-15
 VECTORS BUT DOES NOT INCLUDE ANY CABLES OR BOX CONNECTORS. ALSO INCLUDES FILAMENT TRANSFORMER.

J-15A/APS-15 AN/APS-15
 JUNCTION BOX:
 POWER DISTRIBUTION BOX CONSISTING OF A WIRING TERMINAL PANEL, A NOISE FILTER, AND A VIDEO TRANSFORMER FOR SUPPLYING LAB TRIGGER PULSE AND IFF AND MONITORING PULSE. INCLUDES 6 RECEPTACLES AND HOLES FOR 6 CABLES AND ASSOCIATED BOX CON-3/8/44 CPR:
 MAR. 44

J-15A/APS-15
 VECTORS BUT DOES NOT INCLUDE ANY CABLES OR BOX CONNECTORS. ALSO INCLUDES FILAMENT TRANSFORMER. SIMILAR TO JUNCTION BOX J-15/APS-15 EXCEPT INCLUDES "AN" CONNECTOR AN-3102-14S-9S FOR DC OUTLET.

J-15B/APS-15 AN/APS-15A
 JUNCTION BOX:
 POWER DISTRIBUTION BOX CONSISTING OF A WIRING TERMINAL PANEL, A NOISE FILTER, A FILAMENT TRANSFORMER, AND A VIDEO TRANSFORMER FOR SUPPLYING LAB TRIGGER PULSE AND IFF AND MONITORING PULSE. INCLUDES 9 RECEPTACLES AND 6 APR. 45 948A

J-15B/APS-15
 CABLES & ASSOCIATED BOX FITTINGS & CABLE CONNECTIONS.
 SIMILAR TO JUNCTION BOX J-15A/APS-15 EXCEPT INCLUDES "AN" CONNECTOR AN-3102-14S-9S FOR DC OUTLET AND CONNECTOR AN-3102-12S-4S AND AN-3102-18-8S FOR CABLE AX AND BB RESPECTIVELY. INPUT: 115/1400-2400. SIZE: 6 1/2" X 7 3/4" X 5 1/4". WT. 2 1/2 LBS.

J-16/ARC-5 AN/ARC-5
 JACK BOX:
 FOR PLUGGING-IN MIKE, HEADSET, ETC. USABLE IN MANY AIRCRAFT, BUT PRIMARILY FOR USE WHERE PILOT USES MAIN CONTROL UNIT C-38/ARC-5. CONTAINS ONE EACH OF THE FOLLOWING: HEADSET JACK; MIKE JACK; CABLE RECEPTACLE, FOR CONNECTION TO 7/14/43 CBY:
 AUG. 43

J-16/ARC-5
 JUNCTION BOX J-17/ARC-5; CABLE RECEPTACLE, FOR CONNECTION TO GUN SWITCH; TERMINALS, FOR CONNECTION TO MASK MIKE. FITS MOUNTING PLATE MT-78/ARC-5.

J-17/ARC-5 AN/ARC-5
 JUNCTION BOX:
 PRIMARILY FOR INTERCONNECTION OF *AN/ARR-2, ARB, ATC, AN/ARC-4 (WE 233A), AND/OR RL-7 EQUIPMENT WITH AN/ARC-5, IN VSB AND VTB AIRCRAFT. CONTAINS CABLE RECEPTACLES, CIRCUIT BREAKERS, RELAYS, ETC. FITS MOUNTING PLATE MT-85/ARC-5.
 7/14/43 CBY:
 OCT. 44

INPUT: 28V DC.

J-17A/ARC-5 AN/ARC-5
 JUNCTION BOX:
 PRIMARILY FOR INTERCONNECTION OF *AN/ARR-2, ARB, AND/OR ARC-4 (WE 233A, WITH AN/ARC-5 AND PROVISIONS FOR USE OF NRL TYPE RL-5, RL-7, RL-9, OR AM-40/AIC AS A LINE AMPLIFIER FOR RADIO RECEIVER AUDIO TO STATION BOXES IN VSB AND VTB AIRCRAFT.
 4/19/44 CBY:
 OCT. 44

J-17A/ARC-5
 CONTAINS CABLE RECEPTACLES, CIRCUIT BREAKERS, RELAYS, ETC. FITS MOUNTING PLATE MT-85/ARC-5. SAME AS J-17/ARC-5 EXCEPT ADDS 3 FIXED RESISTORS. SPDT RELAY, ONE .5 MFD. BLOCKING CONDENSER USED TO REPLACE J-17/ARC-5.
 INPUT: 28V DC.

J-18/APS-2C AN/APS-2C
 JUNCTION BOX
 POWER DISTRIBUTION BOX CONSISTING OF A WIRING TERMINAL PANEL & A NOISE FILTER FOR AZIMUTH MOTOR. INCLUDES FOUR RECEPTACLES & HOLES FOR SIX CABLES & ASSOCIATED BOX CONNECTORS.
 7/15/43 CPR: CPR:358-3651C
 AUG. 43

J-21/ARC-1 AN/ARC-1
 JUNCTION BOX:
 PROVIDES FOR DISTRIBUTION OF CONTROL CIRCUITS AND CONNECTION OF THE RADIO TRANSMITTER-RECEIVER RT-18/ARC-1 TO PRIMARY POWER SOURCE. CONTAINS ACTIVE AND SPARE FUSES FOR THE ENTIRE EQUIPMENT. HOUSED IN BOX 4-1/8" X 2-3/4" X 2".
 7/24/43 CW:D-151595 CW:80-31715
 AUG 43

WEIGHT APPROXIMATELY 1 LB.

J-22/ARC-5 AN/ARC-5
 JACK BOX
 FOR PLUGGING IN MICROPHONE, HEADSET, ETC. USABLE IN MANY AIRCRAFT, BUT PRIMARILY FOR USE WHERE PILOT USES MAIN CONTROL UNIT C-38/ARC-5. CONTAINS ONE EACH OF THE FOLLOWING: HEADSET JACK; MICROPHONE JACK; CABLE RECEPTACLE FOR CONNECTION 7/27/43 CBY:
 OCT. 44

J-22/ARC-5
 TO JUNCTION BOX J-17/ARC-5; MASK MICROPHONE-HAND MICROPHONE RELAY; CABLE RECEPTACLE FOR CONNECTION TO GUN SWITCH; CABLE FOR CONNECTION TO MASK MICROPHONE. FITS MOUNTING PLATE MT-78/ARC-5.
 INPUT: 28V DC.

J-22A/ARC-5 AN/ARC-5
 JACK BOX:
 FOR PLUGGING IN MICROPHONE, HEADSET, ETC.
 CONTAINS ONE EACH OF THE FOLLOWING: HEADSET JACK; MICROPHONE JACK; CABLE RECEPTACLE FOR CONNECTION 11/15/43 CBY: CBY:9907
 OCT. 44

J-22A/ARC-5
 TO JUNCTION BOX J-17/ARC-5; MASK MICROPHONE-HAND MICROPHONE RELAY; CABLE RECEPTACLE FOR CONNECTION TO GUN SWITCH; CABLE FOR CONNECTION TO MASK MICROPHONE; AND A VOLUME CONTROL TO VARY AUDIO OUTPUT TO HEADSET. FITS MOUNTING PLATE MT-78/ARC-5. INPUT: 28V DC.

J-22B/ARC-5 AN/ARC-5
 JACK BOX
 FOR PLUGGING IN MICROPHONE, HEADSET, ETC. CONTAINS ONE EACH OF THE FOLLOWING: HEADSET JACK; MICROPHONE JACK; CABLE RECEPTACLE FOR CONNECTION TO JUNCTION BOX J-17/ARC-5; MASK MICROPHONE-HAND MICROPHONE RELAY; CABLE RECEPTACLE FOR 6/15/44 CBY: CBY:
 OCT. 44 CBT:

J-22B/ARC-5
 CONNECTION TO GUN SWITCH; CABLE FOR CONNECTION TO MASK MICROPHONE; AND A VOLUME CONTROL TO VARY AUDIO OUTPUT TO HEADSET. FITS MOUNTING PLATE MT-73/ARC-5. SIMILAR TO JACK BOX J-22A/ARC-5 EXCEPT PROVISIONS ARE ADDED FOR ADDITIONAL AUDIO OUTPUT TO BOX. INPUT: 28V DC.

J-23/ARC-4 AN/ARC-4
 JUNCTION BOX:
 CONTAINS 5 RECEPTACLES FOR CABLES TO PRIMARY POWER SOURCE, MT-10/ARC-4 (2 FOR THIS), C-51/ARC-4, AND AUXILIARY EQUIPMENT SUCH AS AN/ARR-2. DIMENSIONS: 4-1/8" X 2 3/4" X 2-1/2", WEIGHING APPROX. 0.6 LB. FITS MOUNTING PLATE 7/28/43 CW:5A
 AUG 43

MT-80/ARC-5. J-23/ARC-4

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

J-24/APS-6 AN/APS-6
JUNCTION BOX
 INCLUDES 6 RECEPTACLES FOR PROPER CABLE CONNECTIONS; ONE TO TRANSMITTER-CONVERTER RT-17/APS-6, FOUR TO SCANNER AS-24/APS-6, & 1 TO RECTIFIER POWER UNIT PP-16/APS-6. THE JUNCTION BOX IS PROVIDED TO REDUCE NUMBER OF CABLES IN
 8/7/43 CAT:
 OCT. 43

J-28/ARC-5
 HAS ONE 12 CONTACT RECEPTACLE FOR "CBY" PLUG 6964 (CONTROL UNIT), ONE 8 CONTACT RECEPTACLE FOR "CBY" PLUG 6966 (TRANSMITTER), & ONE 6 CONTACT RECEPTACLE FOR "CBY" PLUG 6784 (RECEIVER). DIMENSIONS, NEGLECTING PROTRUSANCES, 4-1/4"X2-3/4"X2-1/2"; WEIGHT 0.6 POUND. FITS MOUNTING PLATE MT-80/ARC-5, FT-228-A, OR "CBY" TYPE 7083.

J-36A/A1A-2A AN/A1A-2A BUAEER W-661
JUNCTION BOX: RESTRICTED
 USED TO CONNECT ALL TRANSMITTERS, RECEIVERS AND ASSOCIATED EQUIPMENT WITH MASTER CONTROL UNIT AND ALL STATIONS. USED WITH INTERPHONE AMPLIFIER AM-40/A1C. CONTAINS NO EXTERNAL CONTROLS. INTERNAL CONTROLS INCLUDE 3 SCREWS
 8/30/44 CZL: BUAEER:E-957
 DEC. 44 CTE:

AIRPLANE WING. J-24/APS-6
 APPROXIMATE DIMENSIONS 6" X 6" X 2".
 USED WITH RT-17/APS-6.

J-32/ARN-9 AN/ARN-9
JUNCTION BOX:
 CONTAINS TWO TERMINAL STRIPS FOR FIXED INSTALLATION OF SEVEN CABLES WHICH ENTER THROUGH OPENINGS PROVIDED IN THE JUNCTION BOX FROM THE FOLLOWING: INPUT POWER, RECEIVER-CONVERTER R-43/ARN-9, CONTROL UNIT C-62/ARN-9, ONE TO EACH (2) INDICATOR 9/4/43 CDE: CDE:B1926C
 AUG. 44A

DRIVER CONTROLS TO J-36A/A1A-2A
 CONTROL INTERPHONE VOLUME TO THE 3 ASSOCIATED C-69/A1A-2A & ONE SCREWDRIVER CONTROL TO CONTROL VHF RADIO LEVEL TO INPUT OF INTERPHONE LEVEL WHEN INTERPHONE SYSTEM IS NOT ENERGIZED. WT. 17.2 LBS. SIZE: 20 15/16" X 16 1/2" X 3 3/4". POWER SUPPLY: 28V DC AT 2.5 AMPS. INTERCHANGEABLE WITH & SUPERSEDES J-36/A1A-2. PART OF: AN/A1A-2A.

J-25/APX-2 AN/APX-2
ADAPTER JUNCTION BOX:
 ADAPTER WHICH PROVIDES MEANS FOR USING SCR-695-() (ABF), ABK, & BRITISH MARK 3 EQUIPMENTS WITH STANDARD CABLING & WIRING INSTALLATIONS MADE FOR AN/APX-2 EQUIPMENTS. INCLUDES PHONE JACK FOR MONITORING & 4 SHORT LENGTHS OF CABLE WITH 8/14/43 CHZ:A-2346
 SEPT 43 CCT: CWQ: CWS:

TOR ID-24/ARN-9, TEST J-32/ARN-9
 OSCILLATOR TS-72/ARN-9, & ONE FOR EXTERNAL CIRCUITS CONSISTING OF 6 LEADS - TWO FOR 8FO, TWO FOR AVC & TWO FOR 90/150 CPS INPUT. ALSO CONTAINS TWO DUMMY LOAD RESISTORS FOR REPLACING EITHER ID-24/ARN-9 WHEN ONE IS USED, AND THREE VOLTAGE DROPPING RESISTORS WHICH MAY BE USED IN DIFFERENT COMBINATIONS FOR DIFFERENT 90/150 CPS INPUT LEVELS.

J-41/APS-2F AN/APS-2F
JUNCTION BOX:
 POWER CONSISTING OF A WIRING TERMINAL PANEL AND A NOISE FILTER FOR AZIMUTH MOTOR. INCLUDES FOUR RECEPTACLES AND HOLES FOR 6 CABLES AND ASSOCIATED BOX CONNECTORS. SAME AS J-18/APS-2C EXCEPT FOR ADDED CONNECTOR "AL" AND PROVISION 10/14/43 CPR:
 OCT. 43

J-25/APX-2
 PLUGS (3 WITH BRITISH TYPE CONNECTORS & 1 WITH ARMY-NAVY TYPE CONNECTOR) ATTACHED FOR INTERCONNECTIONS BETWEEN UNITS.

J-34/ARC-5 AN/ARC-5
JUNCTION BOX:
 Y-TYPE JUNCTION BOX FOR CONNECTING ONE MODULATOR MD-7/ARC-5 TO TWO MOUNTING RACKS (TRANS) MT-69/ARC-5, MT-71/ARC-5, MT-73/ARC-5 OR MT-75/ARC-5. CONTAINS THREE 12-CONTACT RECEPTACLES FOR CBY TYPE 9377 PLUGS, ALL RECEPTACLES BEING 9/16/43 CBY:9562
 SEPT 43

J-41/APS-2F
 FOR ADDING VIDEO TRANSFORMER FOR AN/APQ-5

J-26/APS-3-T1 AN/APS-3-T1 RE 9320A
JUNCTION BOX:
 APPROX DIMENSIONS 6" X 4" X 3 1/2"; WEIGHT APPROX 5 LB. INCLUDES 1 RECEPTACLE FOR CONNECTION TO CABLE FROM AMPLIFIER AM-13/APS-3-T1, AND TWO FIXED CABLES EACH 1 1/2" WITH CONNECTORS TO RECEIVER-AMPLIFIER R-18/APS-3 AND RECTIFIER
 8/18/43 CDL:
 NOV. 43

J-34/ARC-5
 PARALLELED WITHIN THE BOX. DIMENSIONS 4-1/4" X 2-3/4" X 2-1/2" APPROX NEGLECTING PROTRUSANCES. WEIGHT 0.8 POUND. FITS MOUNTING PLATE MT-80/ARC-5.

J-42/APS-6A AN/APS-6A
JUNCTION BOX:
 INCLUDES 6 RECEPTACLES FOR PROPER CABLE CONNECTIONS; ONE TO TRANSMITTER-CONVERTER RT-32/APS-6A, FOUR TO SCANNER AS-24/APS-6, & 1 TO RECTIFIER POWER UNIT PP-37/APS-6A. THE JUNCTION BOX IS PROVIDED TO REDUCE NUMBER OF CABLES IN
 10/18/43
 OCT. 43

J-26/APS-3-T1
 PP-12/APS-3. USED ONLY WHEN TRAINING PERSONNEL FOR OPERATION OF AN/APS-3.

J-35/APA-14 AN/APA-14
JUNCTION BOX:
 CONSISTS OF JUNCTION BOX CONTAINING 2 BOX CONNECTORS AND 4 AN CONNECTORS. CONTAINS TWO 1 MFD CAPACITORS. USED IN OBTAINING POWER FROM FLUX GATE COMPASS INVERTER FOR TORQUE AMPLIFIER AM-19/APA-14
 8/4/43 CPR:
 DEC. 43

AIRPLANE WING. J-42/APS-6A
 APPROXIMATE DIMENSIONS 6" X 6" X 2".
 USED WITH RT-32/APS-6A. SIMILAR TO J-24/APS-6 EXCEPT FOR CABLE CONNECTIONS.

J-27/ASQ-1 AN/ASQ-1,1A
JUNCTION BOX:
 72 TERMINAL JUNCTION BOX. SIZE: 16-29/32" X 9-13/32" X 1-29/32". EXTERNAL CONNECTIONS OF ALL UNITS MADE TO JUNCTION BOX.

J-36/A1A-2 AN/A1A-2
JUNCTION BOX:
 INCLUDES RELAYS, CONTROL CIRCUITS AND 22 RECEPTACLES TO PROVIDE INTERCONNECTION FOR UP TO THREE MASTER CONTROL UNITS C-69/A1A-2. THREE ASSOCIATED RECEIVER JACK BOXES, A CHAIN OF STATION CONTROL UNITS C-70/A1A-2, ASSOCIATED INTERPHONE
 9/28/43 CTE:
 FEB. 44 CZL:

J-43/APS-T1 AN/APS-T1
JUNCTION BOX: CONFIDENTIAL
 INCLUDES A SLIDING PANEL WHICH ALTERNATELY MAKES APPROPRIATE INTERNAL CONNECTIONS & EXPOSES PROPER RECEPTACLES FOR CABLES BETWEEN THE TRAINER & ASSOCIATED UNITS OF EITHER RADAR SET AN/APS-2 (ASG) SERIES ALSO INCLUDES TRIGGER GEN-10/25/43 CEY:
 AUG. 44

8/18/43 CLX:
 SEPT 43 CGO:

J-28/ARC-5 AN/ARC-5
JUNCTION BOX:
 FOR CONNECTING TRANSMITTER CONTROL UNIT C-30/ARC-5 TO TRANSMITTER T-23/ARC-5 & RECEIVER R-28/ARC-5 IN ORDER THAT THE PUSH BUTTONS ON THE CONTROL UNIT WILL CONTROL THE VHF CHANNEL SELECTION OF BOTH THE TRANSMITTER & THE RECEIVER.
 8/26/43 CBY:
 SEPT 43

J-36/A1A-2
 AMPLIFIER, 9 RADIO RECEIVERS, AND TWO RADIO TRANSMITTERS. DIMENSIONS 20 15/16" X 16 1/2" X 3 1/4".

J-43/APS-T1
 ERATOR AND AMPLIFIER. MOUNTED IN CONSOLE CABINET CY-59/APS-T1.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-73

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

J-44/APA-18 AN/APA-18
 JUNCTION BOX:
 CONNECTS PLANE POWER SUPPLY, POTENTIOMETER ASSEMBLY CN-8/APA-18 OR POTENTIOMETER ASSEMBLY CN-9/APA-19 AND SWITCH ASSEMBLY SA-15/APA-19 TO JUNCTION BOX J-1/APQ-5 CONSISTS OF A METAL BOX APPROXIMATELY 6" X 4" X 4".
 11/2/43 CM:
 NOV. 43

J-48/APA-5 AN/APA-5
 JUNCTION BOX:
 CONTAINS TERMINAL STRIPS FOR INTERCONNECTING POWER CABLES, POWER RELAY FOR CONNECTING PRIMARY A-C POWER TO RECTIFIER, FUSES FOR EQUIPMENT AND AC OUTLET FOR TEST EQUIPMENT. SIZE IS APPROXIMATELY 3" X 11 1/2" X 12 1/2" AND WT. 2/25/44 CFN:ML-300795-1
 JAN. 45

6 3/8 LBS.

J-48/APA-5

J-56/ASQ-3 AN/ASQ-3 RESTRICTED
 JUNCTION BOX:
 PROVIDES FOR INSTALLATION OF O-3/ASQ-3 AND CV-1/ASQ-3 IN SEPARATE CASES. INSTALLED BETWEEN CV-1/ASQ-3 AND O-3/ASQ-3. THE JUNCTION BOX CONTAINS NETWORKS TO REDUCE INTERFERENCE BETWEEN VARIOUS CIRCUITS CONTAINED IN CABLE CONNECTIONS TO 1/25/44 CM:
 JAN. 44

J-56/ASQ-3
 MAGNETIC LOOP ASSEMBLY DT-2/ASQ-3 AND PROVISIONS FOR AN CONNECTOR, TO PROVIDE FOR CABLE CONNECTIONS BETWEEN O-3/ASQ-3 AND CV-1/ASQ-3. SIZE APPROX. 3 5/8" X 11 1/8" X 4 1/2". THIS UNIT PLUS CY-79/ASQ-3 AND CY-80/ASQ-3 WILL REPLACE CY-4/ASQ-3 IN CERTAIN INSTALLATIONS.

J-60/AXT-2 AN/AXT-2 RE 13A864A
 FILTER JUNCTION BOX:
 CONFIDENTIAL
 PROVIDES COMMON CONNECTING POINT FOR CABLES FROM CONVERSION UNIT PH-522/AXT-2, RADIO TRANSMITTER T-61/AXT-2 AND DYNAMOTOR DY-19/AXT-2. ALSO INCLUDES POWER FILTERING CIRCUITS FOR SMOOTHING OUT PLATE VOLTAGE AND GRID BIAS SUPPLIED BY 2/12/44
 FEB. 44

J-60/AXT-2
 THE DYNAMOTOR DY-19/AXT-2 TO THE RADIO TRANSMITTER T-61/AXT-2 AND CONVERSION UNIT PH-522/AXT-2. APPROX. SIZE: 5" X 8" X 8".

J-63/APS-2G AN/APS-2G
 JUNCTION BOX:
 CONFIDENTIAL
 CONSISTING OF A WIRING TERMINAL PANEL AND A NOISE FILTER FOR AZIMUTH MOTOR. INCLUDES 8 RECEPTACLES & HOLES FOR 6 CABLES & ASSOCIATED BOX CONNECTORS. INCLUDES PROVISIONS FOR ADDING TRANSFORMER FOR AN/APQ-5. ALSO CONTAINS AFC AMPLI-2/29/44 CPR:5LO-1079
 MAR. 44

J-63/APS-2G
 FIER. BEACON WAVELENGTH. JACK FOR CRYSTAL CURRENT MEASUREMENT. FILAMENT TRANSFORMER, & AFC-MANUAL RELAY. SIMILAR TO BUT NOT INTERCHANGEABLE WITH J-41/APS-2F.

J-64/APX AN/APX-1, 2
 JUNCTION BOX:
 PROVIDES MEANS FOR CONNECTING TWO ANTENNA ASSEMBLY AS-100/APX TO TUNING UNIT TH-35/APX SIZE APPROX. 8" X 2" X 4". FITTED WITH THREE RIGHT ANGLE COAXIAL CABLE CONNECTORS AND INCLUDES SLIDING ADJUSTMENTS FOR MATCHING IMPEDANCE. PRO-3/8/44
 MAR. 44

J-64/APX
 CURED ON CONTRACT NXS& 43402.

J-67/APS-T5 AN/APS-15
 JUNCTION BOX:
 JUNCTION BOX USED TO TAP INTO POWER CABLE OF AN/APA-15 TO SECURE 26V. DC FOR THE OPERATION OF OSCILLATING JOINT HEATER. INCLUDES 1 - AN CONNECTOR AN-3102-14S-2P AND 2 CABLES.
 3/22 CPR: CPR:5LO-1186
 MAR. 44

J-69/AP AN/APA-22
 JUNCTION BOX:
 USED TO DIVERT 26V DC POWER TO AN/APA-22. CONNECTS CABLE H OF AN/APS-2 SERIES EQUIPMENT TO CONTROL UNIT C-121/AP WHICH IN TURN SUPPLIES THE POWER TO MOTOR DRIVE UNIT PU-28/APA-22. SIZE 5 13/16" X 2 1/16" X 4 9/16". WT. 1 LB. INCLUDES 2 3/24/44 CAXX: CAXX:12-576
 MAR. 44

J-69/AP
 RECEPTACLES ONE AN-3102-22-5P AND ONE AN-3102-22-5S AND BOX COUPLING AN-3064-6.

J-70/GPS-T1 AN/GPS-T1
 JUNCTION BOX
 USED TO CONNECT CABLES FROM SCR 527 TO AN/GPS-T1 UNITS. CONSISTS OF MOUNTING PLATE AND THREE S-101 JONES COAXIAL SOCKETS TO CONNECT SCR 527 TO SIMULATOR UNIT MX-169/GPS-T1.
 CANCELLED 5/20/44
 3/27/44
 MAY 44

J-76/APS-4-T1 AN/APS-4-T1
 JUNCTION BOX:
 USED TO CONNECT AN/APS-4-T1 TO AN/APS-4. SIZE: APPROX. 3" X 4" X 8". WT APPROX. 7 LBS. INCLUDES 3 CONNECTORS TO CONNECT TO THREE AN-5/APS-4 AND A PIGTAIL LEAD TO CONNECT TO J-5/APS-4.
 4/28/44
 APR. 44

J-80/APA-32 AN/KPA-32
 JUNCTION BOX:
 CONTAINS CIRCUITS NECESSARY FOR ADAPTING AN/APS-6 FOR USE WITH TWO INDICATOR 10-32/APS-6. CONNECTS BETWEEN RECEIVER AMPLIFIER R-35/APS-6 AND INDICATOR 10-32/APS-6. SIZE APPROX. 5" X 6" X 8".
 5/22/44
 MAY 44

J-83/APA-5 RESTRICTED
 JUNCTION BOX:
 JUNCTION BOX FOR USE WITH RADAR SET AN/APS-2, "A", "B", "C", "E", AND RADAR EQUIPMENT AN/APS-15. INCLUDES RELAYS, A RESISTOR AND 2 CONNECTION STRIPS, OVERALL DIMENSIONS ARE 10 3/4" X 8 1/4" X 2 1/2". APPROXIMATE WEIGHT, 2 LBS. USES 6/22/44
 DEC. 44

J-83/APA-5
 MOUNTING HT-286/APA-5.

J-84/APS-4 AN/APS-4 E-183-B
 JUNCTION BOX
 CONTAINS CONDUIT FITTINGS FOR CABLES TO RT-5/APS-4 OR RT-5A/APS-4 & C-12/APS-4 AND RECEPTACLES: TWO FOR CABLES TO AN-5A/APS-4. TWO FOR CONNECTION TO "IFF" EQUIPMENTS AND ONE FOR POWER INPUT (AC & DC), AN-3102-18-11P. ALSO INCLUDES 6/22/44 CM:DI52530 CM:8R-29947
 NOV. 44

J-84/APS-4
 RECEPTACLE AN-3102-14S-5S J-84/APS-4 AND VIDEO OUTPUT JACK 49194 FOR CONNECTION TO LAB EQUIP. OVERALL DIMENSIONS APPROX. 6 3/4" HIGH (OVER RECEPTACLES) BY 11 3/4" LONG (OVER CONDUIT FITTINGS) BY 3 7/8" (COVER SPARE FUSE COVER). ONE AN-3106-18-11S-102 SPLIT SHELL PLUG SUPPLIED LOOSE. WT. 3 3/4 LBS. SIMILAR TO J-5/APS-4 EXCEPT HAS 2 ADDITIONAL JACKS AND USES SCREW TYPE TERMINALS.

J-91/APS-T1A AN/APS-T1A
 JUNCTION BOX:
 CONFIDENTIAL
 INCLUDES A SLIDING PANEL WHICH ALTERNATELY MAKES APPROPRIATE INTERNAL CONNECTIONS AND EXPOSES PROPER RECEPTACLES FOR CABLES BETWEEN THE TRAINER AND ASSOCIATED UNITS OF AN/APS-2 SERIES EQUIPMENT OR AN/APS-3. INCLUDES BLOCKING 8/4/44 CEX:
 AUG. 44

J-91/APS-T1A
 OSCILLATOR TO AMPLIFY PULSES FROM ASSOCIATED RECEIVER INDICATOR WHICH ARE USED TO TRIGGER TRAINER. ALSO PROVIDES DELAYED PULSES FOR TRIGGERING RECEIVER INDICATOR OF AN/APS-3. MOUNTS IN CY-59/APS-T1.

J-92/APS-T2 AN/APS-T2
 JUNCTION BOX:
 CONFIDENTIAL
 INCLUDES A SLIDING PANEL WHICH ALTERNATELY MAKES APPROPRIATE INTERNAL CONNECTIONS AND EXPOSES PROPER RECEPTACLES FOR CABLES BETWEEN THE TRAINER AND ASSOCIATED UNITS OF EITHER SCR-717A OR SCR-717B. ALSO GENERATES PULSES FOR TRIGGER-8/4/44 CEX:
 AUG. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|--|--------------------|-------------------------------|
| J-92/APS-T2 | | | J-TTB/SPR | | | J-131/CPX-3 | | |
| ING TRAINER AND DELAYED PULSES FOR TRIGGERING ASSOCIATED RECEIVER INDICATOR. MOUNTS IN CY-59/APS-T1. | | | CEPTACLES. ALL FOR CONNECTION TO RG-8/U RECEIVER LINES, AND 8 NAVY TYPE 49206 RECEPTACLES ON THE OTHER SIDE FOR CONNECTION TO INPUT LINES TO WHICH 5 NAVY TYPE 49483 (TO CONNECT TO RG-18/U LINES), AND THREE 49268 PLUGS (TO CONNECT TO RG-8/U LINES) ARE CONNECTED. FREQUENCY RANGE OF JACK BOX 100 TO 4000 MC. WEIGHT APPROX. 6 LBS. | | | TRANSFORMER FOR TRANSFORMING INCOMING VOLTAGE TO 115V, AND ON/OFF/ HEATER SWITCH. PROVISIONS ARE MADE FOR 2 (AC OR DC) POWER LINES FOR SEPARATE EXCITATION OF HEATER, BLOWER AND MAIN EQUIPMENT. HEATER MAY ALSO BE OPERATED FROM 115V OR 230V DC. UNIT MOUNTS IN CABINET CY-378/UPX. NORMAL POWER INPUT: 115V, 230V/14/50-60- AND/ OR 115V, 180V/10/400-500-. | | |
| J-94/UPM-1 AN/UPM-1, JA-18 | | | J-117/APS-20 AN/APS-20, 20A RESTRICTED | | | J-132/APS-15A AN/APS-15A | | |
| DETECTOR JUNCTION BOX: CONFIDENTIAL JUNCTION BOX FOR INTERCONNECTING WAVELENGTH TS-153/UPM-1 AND TS-154/UPM-1, ANTENNA AT-50/U AND AT-51/U, AND CONSOLE RACK MT-189/UPM-1. INCLUDES DETECTOR CIRCUITS FOR BOTH INTERNALLY AND EXTERNALLY GENERATED R.F. 9/4/44 CMC: MAR. 45 | | | JUNCTION BOX: CONSISTS OF: ONE NAF 1128-2 JUNCTION BOX, ONE AN3102-28-2P, ONE AN3102-14S-2S AND ONE AN3102-16S-4P RECEPTACLE. USED FOR CONNECTING THE IFF RESPONDER, THE SPINNER CONTROL AND RADIO RECEIVER R-32/ARW-2. DIMENSIONS: 4" X 3" X 2 1/2". 11/25/44 CAEY: MAY 45 CG: | | | JUNCTION BOX: POWER DISTRIBUTION BOX CONSISTING OF A WIRING TERMINAL PANEL, A FILTER AND VIDEO TRANSFORMER FOR SUPPLYING LAB AND IFF TRIGGER PULSES AND TRANSMITTER MONITORING PULSES. ALSO INCLUDES FILAMENT TRANSFORMER FOR SUPPLYING HEATER 1/4/45 CPR: JAN. 45A | | |
| J-94/UPM-1 | | | J-117/APS-20 | | | J-132/APS-15A | | |
| PULSE SIGNALS. FURNISHES A 50 OHM LOAD TO EXTERNALLY GENERATED R.F. SIGNALS. SIZE APPROX. 4" X 3" X 3". WT. APPROX. 3 OZ. | | | WEIGHT: 3/4 LBS. | | | VOLTAGE TO TRANS. CONVERTER PREAMPLIFIER, "AN" CONNECTORS AN-3102-28-4P, AN-3102-28-2P, AN-3102-20-1P, AN-3102-14S-5P, AN-3102-18-1S, AN-3102-14S-9S, AN-3102-12S-3S, 49194 AND SIX CABLES AND ASSOCIATED BOX CONNECTORS. PART OF MX-545/APS-15A. | | |
| J-98/APS-15-T1 AN/APS-15-T1 | | | J-119/APA-5A AN/APA-5A | | | J-156/APS-15A AN/APS-15A | | |
| JUNCTION BOX: RESTRICTED CONTAINS A WIRING PANEL. TWO 3 FT CABLES FOR CONNECTING TO RECEPTACLES OF RECEIVER-INDICATOR R-7/APS-2 & THREE RECEPTACLES FOR ATTACHING TO TRANSMITTER-CONVERTER RT-15/APS-15. AMPLIFIER AN-67/APS-15-T1 AND INDICATOR 9/20/44 CGP: SEPT. 44A CUP: C10543 | | | JUNCTION BOX: CONTAINS TERMINAL STRIPS FOR INTERCONNECTING POWER CABLES, POWER RELAY FOR CONNECTING PRIMARY A-C POWER TO RECTIFIER, FUSES FOR EQUIPMENT AND AC OUTLET FOR TEST EQUIPMENT. SIZE IS APPROXIMATELY 10" X 10" X 4" AND WT. APPROX. 4 LBS. 11/25/44 NOV. 44 | | | JUNCTION BOX: POWER DISTRIBUTION BOX CONSISTING OF WIRING TERMINAL PANEL, A NOISE FILTER, FILAMENT TRANSFORMER AND A VIDEO TRANSFORMER FOR SUPPLYING LAB TRIGGER PULSE AND IFF AND MONITORING PULSE. INCLUDES 8 RECEPTACLES AND 6 CABLES WITH ASSOCIATED 3/19/45 CPR: MAR. 45B 948A | | |
| J-98/APS-15-T1 | | | J-119/APA-5A | | | J-156/APS-15B | | |
| 10-108/APS-15-T1. SIMILAR TO BUT NOT INTERCHANGEABLE WITH J-2/APS-2-T1. NET WT. 4.7 LBS. | | | SIMILAR TO J-48/APA-5 EXCEPT FOR CIRCUIT CHANGES. | | | BOX FITTINGS & CABLE CONNECTORS. SIMILAR TO J-156/APS-15 EXCEPT INCLUDES "AN" CONNECTOR AN-3102-14S-9S FOR DC OUTLET AND CONNECTOR AN-3102-12S-4S FOR CABLE AX INPUT: 115/1/400-2400. SIZE: 6 1/2" X 7 3/4" X 5 1/4". WT. 2 1/2 LBS. SIMILAR TO J-15A/APS-15 EXCEPT DOES NOT INCLUDE CABLE BB RECEPTACLE. | | |
| J-108/ASG-10 AN/ASG-10 RESTRICTED | | | J-124/APA-5A RESTRICTED | | | J-159/APS-15B AN/APS-15B | | |
| JUNCTION BOX THIS UNIT CONSISTS OF POWER AND BOMB CIRCUIT CHANGEOVER SWITCH AND IS USED FOR ALL CIRCUITS TIED TO AC. POWER SUPPLIED BY COMPUTER CP-15/ASG-10. SIMILAR TO CORRESPONDING UNIT AN/ASG-10 (XN). WEIGHT: 0.5 LBS. SIZE: 3" X 2 61/64" X 10/12/44 CRX: OCT. 44 | | | JUNCTION BOX: JUNCTION BOX FOR USE WITH RADAR SET AN/APS-2 SERIES AND RADAR EQUIPMENT AN/APS-15 SERIES. INCLUDES 3 RELAYS AND ONE CONNECTION STRIP. OVERALL DIMENSIONS APPROXIMATELY 6" X 4" X 2 1/2". APPROX. WEIGHT 1 LB. PART OF RADAR ADAPTER KIT 12/16/44 JAN. 45 | | | JUNCTION BOX: POWER DISTRIBUTION BOX CONSISTING OF A WIRING TERMINAL PANEL, A NOISE FILTER, A FILAMENT TRANSFORMER, AND A VIDEO TRANSFORMER FOR SUPPLYING LAB TRIGGER PULSE AND IFF AND MONITORING PULSE. INCLUDES 9 RECEPTACLES AND CABLES AND 3/21/45 CPR: MAR. 45 948A | | |
| J-108/ASG-10 | | | MX-360/APA-5A. | | | J-159/APS-15B | | |
| 2 3/64". PROCUREMENT: THROUGH BU ORD CONTRACT NO. OSRD L/1 4745. MADE BY THE WAGNAYOX CO. | | | | | | ASSOCIATED BOX FITTINGS AND CABLE CONNECTORS. INCLUDES "AN" CONNECTORS AN-3102-14S-9S FOR DC OUTLET AND CONNECTOR AN-3102-12S-4S AND AN-3102-18-8S FOR CABLE AX AND BB RESPECTIVELY. INPUT: 115/1/400-2400. SIZE: 6 1/2" X 7 3/4" X 5 1/4". WT. 2 1/2 LBS. SIMILAR TO J-158/APS-15 EXCEPT WIRED FOR USE WITH AN/APS-15B. | | |
| J-116/SPR AN/SPR-1 RESTRICTED | | | J-131/CPX-3 AN/CPX-3 RESTRICTED | | | J-160/APS-6-T3 AN/APS-6-T3 | | |
| JACK BOX: RADIO FREQUENCY JACK BOX WITH 8 CHANNELS AND WHICH MAY BE USED FOR CONNECTION OF ANY COMBINATION OF RECEIVER AND ANTENNA USING 8 CHANNELS. MOUNTS ON BULK HEAD. HAS 8 NAVY TYPE RECEPTACLES PER MRL DWG. RA62F363 ON ONE SIDE WITH 8 MATCHING RE- 11/7/44 CQM: FEB. 45 COM: #4-10 ALT 0 | | | CABLE JUNCTION UNIT: SERVES AS A JUNCTION POINT FOR ALL PERMANENT INCOMING AND OUTGOING CABLES. INCLUDES LOW VOLTAGE RECTIFIER TO SUPPLY PROPER VOLTAGE FOR OPERATION OF RELAYS IN VARIOUS UNITS OF AN/CPX-3 AND BLOWER IN UPPER CHASSIS. ALSO INCLUDES AN AUTO- 12/28/44 BR. REF. NO. 110H/3959 | | | JUNCTION BOX: JUNCTION BOX WHICH ACTS AS INTERCONNECTION POINT FOR THE FOLLOWING UNITS: INPUT AND OUTPUT OF SIGNAL SIMULATOR SM-6/APS-6-T1; CONTROL PANEL C-284/APS-6-T3; RECEIVER INDICATOR UNIT 10-32/APS-6. RECTIFIER POWER UNIT 3/24/45 APR. 45A BUAER | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---------------------------------|--------------------|--|-----------------------------------|--------------------|---|---------------------------------------|--------------------|---|
| | | J-160/APS-6-T3 PP-16/APS-6. CONTROL UNIT C-46/APS-6 AND AUXILIARY CONTROL UNIT C-47/APS-6 OF THE MAIN RADAR EQUIPMENT. POWER INPUT: 115V 60 CYCLE 1Φ; 115V 800 CY. 1Φ; 24V DC 250 WATTS. LINK AVIATION DEVICES. INC. NOBS 5143. | | | J-174/ARW ACLE ON ONE SIDE. INDIVIDUALLY PACKED. JUNCTION BOX USED TO INTERCONNECT JB-2 FLIGHT CONTROL UNIT C-303/ARW. 28V DC POWER SOURCE. 115V AC 800 CYCLE POWER SOURCE, & TRANSMITTER (DRIVER & AMPLIFIER). USED WITH BUT NOT PART OF CONTROL UNIT C-303/ARW. | | | KY-3/APN-7 ANY ONE OF THE FOLLOWING RESPONSE CODES: (1)A SINGLE PULSE. (2)TWO PULSES SPACED 12 TO 16 MICROSEC. (3)THREE PULSES SPACED 12 TO 16 MICROSEC. (4)TWO PULSES SPACED 30 TO 48 MICROSEC. (5)THREE PULSES SPACED 30 TO 48 MICROSEC. AMPLITUDE OF THE OUTPUT PULSE IS 75 TO 125 V PEAK. POWER SUPPLY 105 TO 130V/400-2400 CYCLES. WT OF CODER IS 8.5 LBS. |
| J-161/APA-16-T1 | | RESTRICTED JUNCTION BOX: FURNISHES CONNECTIONS FOR FOLLOWING UNITS: RANGE MARKER UNIT SM-12/APA-16, SERVO-AMPLIFIER UNIT AM-108/APS-16-T1, THYRATRON CONTROL UNIT C-243/APA-16-T1, RECTIFIER POWER UNIT PP-180/APA-16-T1, TARGET SIMULATOR SM-15/APA-16-T1. 3/26/45 CAOM#4 MAR. 45 | J-181/APS-6-T5 AN/APS-6-T5 | | LINK JUNCTION BOX SERVES AS AN IMMEDIATE 5/24/45 JUN. 45A BUAER | KY-4/APS-T1 AN/APS-T1 | | BEACON SIGNAL SIMULATOR: CONFIDENTIAL CONSISTS OF A SEPARATE CHASSIS MOUNTED WITHIN THE TRAINER CONSOLE CABINET CY-59/APS-T1 WITH SUITABLE DELAY CIRCUITS AND PULSE GENERATORS TO PRODUCE A SIGNAL ON RECEIVER INDICATOR FOR AN/APS-2 SERIES AND CORRESPONDING UNIT OF 11/23/45 CVF: 1AUG. 44 |
| BOMBER SIMULATOR | | J-161/APA-16-T1 SM-17/APA-16-T1, RADAR SET AN/APS-3 OR RADIO SET AN/APS-4, ELECTRONIC SIMULATOR SM-13/APA-16-T1 OR ELECTRONIC SIMULATOR SM-14/APA-16-T1 AND CONNECTIONS TO CONTROLS ON FRONT PANEL OF CONSOLE CABINET CY-425/APA-16-T1. | J-181/APS-6-T5 | | JUNCTION BOX BETWEEN JUNCTION BOX J-180/APS-6-T5. JUNCTION BOX J-182/APS-6-T5. JUNCTION BOX J-183/APS-6-T5. FLIGHT INFORMATION UNIT CN-55/APS-6-T5. INCLUDES TERMINAL BLOCKS TWO 33 CONDUCTOR MALE JONES PLUGS MFG NO: P-333-EB OR EQUAL. | AN/APS-3 | | SIMILAR TO THAT KY-4/APS-T1 GENERATED BY A FIXED RADAR BEACON STATION. THE BEACON UNIT IS TRIGGERED BY UNUSUALLY LIGHT SPOTS ON THE RADAR MAP & ITS OUTPUT IS FEED INTO THE MODULATOR MD-14/APS-T1 AT VIDEO LEVEL. CONTAINS ITS OWN POWER SUPPLY REQUIRING APPROX. 150 W AT 105 TO 120V/1/50-60 CYCLES. |
| J-164/APS-31 AN/APS-31 | | JUNCTION BOX: SMALL CONNECTION BOX FOR INTERCONNECTION OF A SINGLE FOUR CONDUCTOR CABLE CARRYING THE AZIMUTH INFORMATION FROM THE ANTENNA ASSEMBLY SYNCHRO AND TWO INDICATORS. INCLUDES TWO AN-3102-149-6S AND ONE AN-3102-149-6P CONNECTORS. SIZE: 4/5/45 CPR: CPR:5LO-1545 APR. 45B 948A | | | COMPONENT INDICATORS "KY" KEYERS, CODERS AND INTERRUPTERS MECHANICAL & AUTOMATIC | KY-5/CPN-3A AN/CPN-3A | | CONFIDENTIAL A UNIT OF THE PANEL TYPE. SUPPLIES APPROX. 20 CODE COMBINATIONS FOR MODULATOR MD-21/CPN-3A. OPERATES ON 115/1Φ/50-70-. PROVIDES MOUNTING FOR DISCRIMINATOR F-10/CPN-3A SIMILAR TO KY-1/CPN-3 AND KY-1A/CPN-3 EXCEPT DOES NOT INCLUDE 1/27/44 CPR: JAN. 44 |
| J-164/APS-31 | | APPROX. 3 1/2" X 3" X 2". WT. APPROX. 1.0 LB. | KY-1/CPN-3 AN/CPN-3 | | CONFIDENTIAL CODER: A UNIT OF THE PANEL TYPE. THE CODER SUPPLIES APPROX 20 CODE COMBINATIONS FOR THE TRANSMITTER. THE UNIT DISCRIMINATES BETWEEN THE RADAR SEARCHING PULSE AND THE BEACON INTERROGATING PULSE. OPERATES ON 115/1/50-70. 4/9/43 CPR:358-4174 SEPT 43 | KY-5/CPN-3A | | DISCRIMINATOR CIRCUITS. |
| J-168/APS-20A AN/APS-20A | | JUNCTION BOX: PROVIDES INTERCONNECTIONS BETWEEN SYNCHRONIZER AND FLUX GATE MASTER INDICATOR (UNMODIFIED, STANDARD UNIT) OR TO MODIFIED UNIT MD-130/APS-20 TO ALLOW EITHER TO FEED FILTERED SELSYN SIGNALS TO ANTENNA ASSEMBLY AS-295/APS-20A. 4/18/45 APR. 45 948A | KY-1A/CPN-3 AN/CPN-3 | | CONFIDENTIAL CODER: A UNIT OF THE PANEL TYPE. SUPPLIES APPROX 20 CODE COMBINATIONS FOR TRANSMITTER T-8/CPN-3. DISCRIMINATES BETWEEN THE RADAR SEARCHING PULSE AND THE BEACON INTERROGATING PULSE. OPERATES ON 115/1Φ/50-70-. SAME AS KY-1/CPN-3 EXCEPT HAS 1/27/44 CPR: JAN. 44 | KY-6/CPN-6 AN/CPN-6 | | CONFIDENTIAL CODER: RECEIVES THE INITIAL PULSE SIGNAL FROM DISCRIMINATOR F-12/CPN-6 AND CONTAINS THE NECESSARY COMPONENTS FOR SUPPLYING THE NECESSARY PULSES OR PIPS TO MODULATOR DRIVER AM-44/CPN-6. CONSISTS OF A SERIES OF MULTI-VIBRATORS WHICH CAN BE 4/29/44 CGG: APR. 44 |
| J-168/APS-20A | | INCLUDES PROPER AN CONNECTORS AND A 60/26V 400 CPS AUTO-TRANSFORMER. WEIGHT 2 LBS. SIZE 3" X 3" X 4". | KY-1A/CPN-3 | | MOMENTARY CONTACT TYPE TEST OSCILLATOR SWITCH INSTEAD OF TOGGLE SWITCH. | KY-6/CPN-6 | | SET IN SUCH A MANNER AS TO PROVIDE RANGE CODES FROM 2 TO 6 PIPS WHOSE RELATION CAN BE SET AT WILL BY MEANS OF SWITCHES. INCLUDES SELF-CONTAINED POWER SUPPLY WHICH ALSO SUPPLIES RADAR RECEIVER R-88/CPN-6. INPUT 110V/1/50 TO 70-. |
| J-174/ARW | | JUNCTION BOX: DESIGNED FOR 100 AMPS 28V, 10 AMP 28V DC. & 5 AMP 115V AC 800 CYCLE. INCLUDES COVER; SIZE APPROX: 6" X 2 3/4" X 4 3/4". PER BUAER SPEC EP-349 (SPEC. EP-349). HAS "AN" CLAMPS FOR CABLES & "AN" TERMINAL STRIPS. HAS "AN" RECEPT- 4/30/45 MAY 45 | KY-3/APN-7 AN/APN-7 | | CONFIDENTIAL CODER: RECEIVES VIDEO IMPULSES THROUGH A COAXIAL CABLE & RESPONDS BY SUPPLYING A SERIES OF ONE MICROSECOND PULSES TO RECEIVER-TRANSMITTER RT-21/APN-7 THROUGH ANOTHER COAXIAL CABLE. A SWITCH ON PANEL OF THE CODER KY-3/APN-7 MAY BE SET TO 11/5/43 CPR: CPR:5LO-939 NOV. 43 | KY-6A/CPN-6 AN/CPN-6; & 17 | | CONFIDENTIAL CODER: RECEIVES THE INITIAL PULSE SIGNAL FROM DISCRIMINATOR F-12A/CPN-6 AND CONTAINS THE NECESSARY COMPONENTS FOR SUPPLYING THE NECESSARY PULSES OR PIPS TO MODULATOR DRIVER AM-44/CPN-6. CONSISTS OF A SERIES OF MULTI-VIBRATORS WHICH CAN BE 4/29/44 CGG: MAR. 45 |
| | | | | | | | | |
| | | | | | | | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|---|-----------------------|--------------------|--|
| | | KY-6A/CPN-6 SET IN SUCH A MANNER AS TO PROVIDE RANGE CODES FROM 2 TO 6 PIPS WHOSE RELATION CAN BE SET AT WILL BY MEANS OF SWITCHES. INCLUDES SELF-CONTAINED POWER SUPPLY WHICH ALSO SUPPLIES RADAR RECEIVER R-99/CPN-17, INPUT 110V/15/50 TO 70~. SAME AS KY-6/CPN-6 EXCEPT FOR IMPROVED DESIGN. | | | LC-207/GT VULCANIZER: VULCANIZER "U" TYPE COMPLETE, AT & T SPEC. AT-6720-1 OR EQUAL FOR USE IN SPLICING ARMORED TELE- UNDERGROUND TELEPHONE CABLE. 9/25/44 SEPT. 44 | | | LS-101/GR LISTENING INTERVALS WITH TWO SEC DEAD INTERVALS TO ESTABLISH THE LISTENING PERIODS. PROVIDES INDICATOR LIGHTS TO IDENTIFY THE OBSERVED CHANNEL. INCLUDES RECEPTACLE FOR EXTERNAL SPEAKER & JACK FOR HEADPHONE MONITORING WHICH AUTOMATICALLY CUTS OUT THE BUILT IN SPEAKER. INPUT: 115/230V 1Ø 50-70~. FIRST PURCHASED UNDER NAVY CONTRACT NX88-31231. |
| | | LINE CONSTRUCTION TOOLS "LC" INCLUDES SPECIAL APPARATUS SUCH AS CABLE PLOWS, HOISTS. ETC. | | | LAMPS "LN" ILLUMINATING, PILOT | | | LS-102/GR MONITOR SPEAKER: USED IN CONNECTION WITH MULTIPLE AUDIO MONITOR LS-101/GR TO PERMIT REMOTE MONITORING OF FROM 2 TO 6 RECEIVER CHANNELS (WHEN PROPERLY CONNECTED). INCLUDES A VOLUME CONTROL AND JACK FOR HEADPHONE MONITORING WHICH AUTOMATICALLY CUTS OUT 8/14/43 CTJ: MAR. 44 |
| | | LC-201/GT SLEEVING: 3/4" INSIDE DIAMETER, 1/8" WALL THICKNESS, 10 FT. LONG. USED IN SPLICING 6-PAIR, 19 & 22 GA.; 11-PAIR, 19, 22, & 24 GA.; 16-PAIR, 19, 22, & 24 GA.; 26 PAIR, 24 GA. AND CABLE WC-253. A.A.E. CO., OR EQUAL. 9/23/44 SEPT. 44 | | | LM-201/G LAMP: LAMP, FLASHLIGHT, 5 VOLT 0.30 AMPS MAZDA #27 MINIATURE SCREW BASE, FOR 4 TYPE F CELLS. 9/23/44 SEPT. 44 | | | LS-102/GR THE BUILT IN SPEAKER. FIRST PURCHASED UNDER NAVY CONTRACT NX88-31231. |
| | | LC-202/GT SLEEVING: 1" INSIDE DIAMETER, 1/8" WALL THICKNESS, 10 FT. LONG. USED IN SPLICING 51-PAIR, 24 GA.; AND 26-PAIR, 19 & 22 GA. CABLE. A.A.E. CO., OR EQUAL. 9/23/44 SEPT. 44 | | | LM-202/G LAMP: LAMP, FLASHLIGHT, MINIATURE SCREW BASE 5V, 0.15 AMP. MAZDA #502, G-4 1/2 BULB, FOR 4 CELL FLASHLIGHT. 9/21/44 SEPT. 44 | | | LS-105/MPN-1A AN/MPN-1A, 1B SPEAKER UNIT: 4" PERMANENT MAGNET TYPE SPEAKER AND IMPEDANCE MATCHING TRANSFORMER FOR CONNECTING THE SPEAKER TO OUTPUT OF RECEIVER AVR-101(RCA) USED BY OBSERVER IN RADIO SET AN/MPN-1A & AN/MPN-1B. HAS A 300 OHM INPUT IMPEDANCE SIZE: 6" X 6" X 5/19/44 CRR: CRR:AL/5397-2 MAY 44 |
| | | LC-203/GT SLEEVING: 1 1/2" INSIDE DIAMETER, 1/8" WALL THICKNESS, 10 FT. LONG. USED IN SPLICING 51-PAIR, 19 GA.; 76-PAIR, 22 GA.; AND 101 PAIR, 22 & 24 GA.; CABLE. A.A.E. CO., OR EQUAL. 9/23/44 SEPT. 44 | | | COMPONENT INDICATORS "LS" LOUDSPEAKER SEPARATELY HOUSED LOUDSPEAKERS | | | LS-105/MPN-1A 3". WT. 4 LBS. |
| | | LC-204/GT SLEEVING: 2" INSIDE DIAMETER, 1/8" WALL THICKNESS, 10 FT. LONG. USED IN SPLICING 101-PAIR, 19 GA., 152-PAIR, 22 GA.; AND 202-PAIR, 24 GA. CABLE, AND "Y" SPLICE ON 50-PAIR CABLE. A.A.E. CO., OR EQUAL. 9/23/44 SEPT. 44 | | | LS-1/GR CANCELLED REASSIGNED LS-101/GR 8/14/43 SEPT 43A | | | LS-106/MPN-1A AN/MPN-1A, 1B SPEAKER UNIT: 4" PERMANENT MAGNET SPEAKER, CONNECTED IN THE INTERCOMMUNICATION CIRCUIT OF RADIO SET AN/MPN-1A, & AN/MPN-1B TO FURNISH INTERCOMMUNICATION WITH THE TRUCK CAB. HAS A 4 OHM INPUT IMPEDANCE. SIZE: 6" X 6" X 3". WT: 3 LBS. 5/19/44 CRK: CRR:AL75397-1 MAY 44 |
| | | LC-205/GT CABLE SPINNER: AN ASSEMBLY CONSISTING OF PULLEYS AND A SWIVEL SHAFT ARRANGEMENT USED TO TRANSPOSE U-DISTRIBUTION WIRE AS IT IS SPUN OFF WHILE THE REEL REMAINS STATIONARY MAKING ONE TRANSPOSITION FOR EVERY TURN OF WIRE ON THE REEL. 9/23/44 SEPT. 44 | | | LS-2/GR CANCELLED REASSIGNED LS-102/GR 8/14/43 SEPT 43A | | | COMPONENT INDICATORS "M" MICROPHONE RADIO, TELEPHONE, THROAT, HAND |
| | | LC-206/GT SPLICING KIT: A SPLICING KIT CONSISTING OF 3 BRASS SPLICER SLEEVES 3/4" LONG FOR #17 SIMPLEX TELE TWIN CABLE AND ONE SMALL PAD OF ANHYDREX AA RUBBER SPLICING COMPOUND; SIMPLEX WIRE AND CABLE CO. 9/23/44 SEPT. 44 | | | LS-101/GR RADAR BEACONS MULTIPLE AUDIO MONITOR: INCLUDES AN AUDIO AMPLIFIER WHICH PROVIDES 6 WATTS ±3db BETWEEN 100 TO 5000- & A BUILT IN SPEAKER. PROVIDES FOR CONTINUOUS OBSERVATION OR AUTOMATIC CONSECUTIVE SELECTION OF FROM 2 TO 6 REC CHANNELS (WHEN PROPERLY CONNECTED); 15 SEC 8/14/43 CTJ: SEPT 43 | | | M-4/AR AIRCRAFT NAF:311603 MICROPHONE: NO8S-2130 LIP MICROPHONE FOR COMMUNICATIONS USE AT NON-OXYGEN ALTITUDES. INCLUDES A TWO CONDUCTOR, SYN. RUBBER COVERED CORD, 17" LONG WITH PLUG PL-291 AT THE FREE END. MIKE IS MOUNTED ON A HOLDER ASSEMBLY CONSISTING OF A LOOP OF 0.06" DIA. STEEL 12/6/43 CVA:9200 CVA:9200 FEB. 44 |
| | | | | | | | | |
| | | | | | | | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|--|--------------------|-------------------------------|
| PULSE FORMING OSCILLATOR & BIAS RECTIFIER. INCLUDES NECESSARY TRANSFORMERS, RELAYS, BLOWER MOTOR, ETC. INPUT: 115/1/300-2400 & 26 V DC. OUTPUT: 115V AC, 24V DC, 3000 V MAGNETRON PULSE, & TRIGGER PULSE TO THE OTHER UNITS INVOLVED. SAME AS MD-4A/APS-2 EXCEPT INCLUDES A STEP-DOWN PULSE TRANSFORMER. INTERCHANGEABLE WITH MD-5/APS-3 | | | RECTIFIER & A RKR-73 CLIPPER TUBE. INCLUDES NECESSARY TRANSFORMERS, RELAYS, BLOWER MOTOR, ETC. INPUT: 115/1/800-2400 & 26V DC. OUTPUT: 115V AC, 26V DC, 3000 VOLT MAGNETRON PULSE, & TRIGGER PULSES TO OTHER UNITS & ASSOCIATED EQUIPT. SAME AS MD-4C/APS-2 PLUS STEP-DOWN PULSE TRANSFORMER. SIMILAR TO MD-5C/APS-3 EXCEPT INCLUDES V. DIVIDER TO REDUCE AMPLITUDE OF LAB TRIGGER | | | MD-10/URA-T2 AN/URA-T2 MODULATOR. CONFIDENTIAL INCLUDES A SELECTOR SWITCH & THE FOLLOWING ASSOCIATED TERMINALS & CIRCUITS: (1) NOISE, (2) TONE, (3) MULTIVIBRATOR, (4) EXTERNAL MODULATION, (5) KEYING, & (6) EXTERNAL KEYING. THE OUTPUT IS ADJUSTABLE FROM 0 TO 120% MODULATION & IS 8/14/43 CUQ: SEPT 43 | | |
| MD-5B/APS-3 AN/APS-3,15 MODULATOR: CONFIDENTIAL CONSISTS OF PULSE FORMING CIRCUITS, AMPLIFIERS, & POWER RECTIFIER CIRCUITS. PRODUCES SHORT NEGATIVE PULSES AT HIGH PEAK POWER LEVEL. CONSISTS OF MODULATOR MD-4B/APS-2 PLUS STEP DOWN TRANSFORMER. SUPPLY: 26V DC, & 115/1/400-400. OUTPUT: 9/20/43 CCT: SEPT 43 CPR: | | | MD-5E/APS-3 AN/APS-3A RE-9075-A MODULATOR: CONFIDENTIAL PRESSURIZED SECTION CONTAINING DELAY LINES, A-829 OSCILLATOR TUBE, A-715A PULSE AMPLIFIER TUBE TWO RKR-72 TUBES USED AS A 14 KV HIGH VOLTAGE RECTIFIER, & TWO RKR-72 TUBES USED AS PLATE RECTIFIERS FOR PULSE FORMING OSCILLATOR & BIAS | | | CAPABLE OF MODULATING A MD-10/URA-T2 NAVY MODEL LP-3 (OR EQUIVALENT) STANDARD SIGNAL GENERATOR AT 120%. AN INTERNAL RECTIFIER IS INCLUDED TO PERMIT OPERATION FROM 115/1/60; HOWEVER AN OCTAL RECEPTACLE IS ALSO PROVIDED TO PERMIT OPERATION FROM EXTERNAL DC SUPPLIES. | | |
| MD-5B/APS-3 26V DC, 115/1/400-2400, & 3000 VOLT MAGNETRON PULSE. | | | RECTIFIER & A RKR-73 MD-5E/APS-3 CLIPPER TUBE. INCLUDES NECESSARY TRANSFORMERS, RELAYS, BLOWER MOTOR, ETC. INPUT: 115/1/800-2400 & 24V DC. OUTPUT: 115V AC, 26V DC, 3000 VOLT MAGNETRON PULSE, & TRIGGER PULSE TO THE OTHER UNITS INVOLVED. SAME AS MD-4B/APS-2 PLUS STEP-DOWN PULSE TRANSFORMER. SIMILAR TO MD-5B/APS-3 EXCEPT INCLUDES VOLTAGE DIVIDER TO REDUCE AMPLITUDE OF LAB TRIGGER | | | MD-10A/URA-T2 AN/URA-T2 MODULATOR: CONFIDENTIAL INCLUDES A SELECTOR SWITCH & THE FOLLOWING ASSOCIATED TERMINALS & CIRCUITS: (1) NOISE, (2) TONE, (3) MULTIVIBRATOR, (4) EXTERNAL MODULATION, (5) KEYING, & (6) EXTERNAL KEYING. THE OUTPUT IS ADJUSTABLE FROM 0 TO 120% MODULATION & IS 9/8/44 CKV: SEPT. 44 | | |
| MD-5C/APS-3 AN/APS-3 RE-9075-A MODULATOR: CONFIDENTIAL PRESSURIZED SECTION CONTAINING DELAY LINES, A PULSE FORMING OSCILLATOR USING A-829 TUBE, A-715A PULSE AMPLIFIER TUBE TWO RKR-72 TUBES USED AS A 14 KV HIGH VOLTAGE RECTIFIER, & TWO RKR-72 TUBES USED AS PLATE RECTIFIERS FOR THE PULSE | | | MD-7/ARC-5 AN/ARC-5 MODULATOR: RESTRICTED PROVIDES PLATE & SCREEN MODULATION FOR ANY TRANSMITTER OF THE AN/ARC-5 EQUIPMENT. FOR USE WITH 28 VOLTS DC PLUG IN DYNAMOTOR DY-8/ARC-5. HAS RECEPTACLES FOR CABLES TO THE RECEIVER MOUNTING RACK AND ALL UNITS OF THE TRANSMITTER PORTION | | | MD-10A/URA-T2 CAPABLE OF MODULATING A NAVY MODEL LP-3 (OR EQUIVALENT) STANDARD SIGNAL GENERATOR AT 120%. AN INTERNAL RECTIFIER IS INCLUDED TO PERMIT OPERATION FROM 115/1/60; HOWEVER AN OCTAL RECEPTACLE IS ALSO PROVIDED TO PERMIT OPERATION FROM EXTERNAL DC SUPPLIES. SIMILAR TO MD-10/URA-T2 EXCEPT HAS CIRCUIT IMPROVEMENTS & DIFFERENT MFRG. | | |
| MD-5/APS-3, MD-5A/APS-3, & MD-5B/APS-3. MAY 44 | | | MD-7/ARC-5 OF THE AN/ARC-5 EQUIPMENT. FITS MOUNTING BASE MT-76/ARC-5. | | | MD-14/APS-T1 AN/APS-T1 MODULATOR: CONFIDENTIAL INCLUDES (1) SWEEP CIRCUITS WHICH GENERATE A WEDGE SHAPED PATTERN TO SIMULATE RADIATION PATTERN OF RADAR ANTENNA ON CATHODE RAY TUBE OF SCANNER CY-8/APS-T1 FOR "PPI" PRESENTATION, (2) "SEA RETURN" GENERATOR (3) VIDEO AMPLIFIER FOR SIG-10/23/43 CEX: AUG. 44 | | |
| FORMING OSCILLATOR & BIAS RECTIFIER & A RKR-73 CLIPPER TUBE. INCLUDES NECESSARY TRANSFORMERS, RELAYS, BLOWER MOTOR, ETC. INPUT: 115/1/800-2400 & 24V DC. OUTPUT: 115V AC, 26V DC, 3000 VOLT MAGNETRON PULSE, & TRIGGER PULSE TO THE OTHER UNITS INVOLVED. SAME AS MD-4C/APS-2 EXCEPT INCLUDES A STEP-DOWN PULSE TRANSFORMER. INTERCHANGEABLE WITH MD-5/APS-3, MD-5A/APS-3, & MD-5B/APS-3. | | | MD-9/APS-6 AN/APS-6 MODULATOR: CONFIDENTIAL INCLUDES PULSE FORMING CIRCUITS, AMPLIFIERS, & POWER RECTIFIER CIRCUITS. PRODUCES NEG. SHORT PULSES AT HIGH PEAK POWER LEVEL. POWER SUPPLY: 26 V DC & 115/1/400-2400. CONSISTS OF MD-4A/APS-2 PLUS X BAND STEP DOWN PULSE TRANSFORMER. | | | MD-14/APS-T1 NALS FROM PHOTO MULTIPLIER CV-7/APS-T1. (4) RF MIXER & OSCILLATOR WHICH SUPPLY ASSOCIATED RECEIVER INDICATOR WITH SIGNALS AT IF LEVELS, (5) GATE CIRCUITS TO CONTROL AMPLITUDE OF SIGNAL WITH RESPECT TO TILT ANGLE, & ALTITUDE. MOUNTS IN CONSOLE CABINET CY-5/APS-T1 AND PROVIDES MOUNTING FOR TILT CONTROL C-74/APS-T1 OR C-167/APS-T1A. | | |
| MD-5C/APS-3 AN/APS-15B RE-9075-A MODULATOR: CONFIDENTIAL PRESSURIZED SECTION CONTAINING DELAY LINES, A PULSE FORMING OSCILLATOR USING A-829 TUBE, A-715A PULSE AMPLIFIER TUBE TWO RKR-72 TUBES USED AS A 14 KV HIGH VOLTAGE RECTIFIER, & TWO RKR-72 TUBES USED AS PLATE RECTIFIERS FOR THE PULSE | | | MD-9A/APS-6 AN/APS-6 MODULATOR: CONFIDENTIAL INCLUDES PULSE FORMING CIRCUITS, AMPLIFIERS, & POWER RECTIFIER CIRCUITS. PRODUCES NEG. SHORT PULSES AT HIGH PEAK POWER LEVEL. POWER SUPPLY: 26 V DC & 115/1/400-2400. CONSISTS OF MD-4A/APS-2 PLUS X BAND STEP DOWN PULSE TRANSFORMER. | | | MD-17/MPN-1A AN/MPN-1A MODULATOR: RESTRICTED ANGLE AND FORMED SHEET CONSTRUCTION. CONTAINS THE CIRCUITS NECESSARY TO CONVERT HIGH V. DC (15,000) INTO ACCURATELY TIMED PULSES OF SQUARE WAVE SHAPE AND APPLYING THESE PULSES TO BOTH S-BAND AND X-BAND TRANSMITTER-CONVERTERS. | | |
| MD-5/APS-3, MD-5A/APS-3, & MD-5B/APS-3. APR. 45A | | | MD-9A/APS-6 10/27/43 CCT: OCT. 43 CPR: | | | 1/5/44 CRR: CRR:AR96221-1 MAR. 44 | | |
| FORMING OSCILLATOR & BIAS RECTIFIER & A RKR-73 CLIPPER TUBE. INCLUDES NECESSARY TRANSFORMERS, RELAYS, BLOWER MOTOR, ETC. INPUT: 115/1/800-2400 & 24V DC. OUTPUT: 115V AC, 26V DC, 3000 VOLTS MAGNETRON PULSE, & TRIGGER PULSE TO THE OTHER UNITS INVOLVED. MODIFIED MD-5C/APS-3 TO INCORPORATE SHORTER PULSE OUTPUT TO BEABLE USE WITH AN/APS-15B. | | | MD-9B/APS-6 AN/APS-6 MODULATOR: CONFIDENTIAL INCLUDES PULSE FORMING CIRCUITS, AMPLIFIERS, & POWER RECTIFIER CIRCUITS. PRODUCES NEG. SHORT PULSES AT HIGH PEAK POWER LEVEL. POWER SUPPLY: 26 V DC & 115/1/400-2400. CONSISTS OF MD-4B/APS-2 PLUS X BAND STEP DOWN PULSE TRANSFORMER. | | | MD-17/MPN-1A DIMENSIONS 19" X 22" X 22". POWER INPUT: 117V. AC, 15,000V. DC. SIMILAR TO BUT NOT INTERCHANGEABLE WITH MODULATOR MD-11/MPN-1. | | |
| MD-5D/APS-3 AN/APS-3A RE-9075-A MODULATOR: CONFIDENTIAL PRESSURIZED SECTION CONTAINING DELAY LINES, A-829 OSCILLATOR TUBE, A-715A PULSE AMPLIFIER TUBE TWO RKR-72 TUBES USED AS A 14 KV HIGH VOLTAGE RECTIFIER, & TWO RKR-72 TUBES USED AS PLATE RECTIFIERS FOR THE FORMING OSCILLATOR & BIAS | | | MD-9B/APS-6 10/27/43 CCT: OCT. 43 CPR: | | | | | |
| MD-5/APS-3, MD-5A/APS-3, & MD-5B/APS-3. 7/4/44 CPR: APR. 44A | | | | | | | | |

Army-Navy Designations

4-79

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|----------------------------|-------------------------------|--|----------------------------|-------------------------------|---|----------------------------|-------------------------------|
| MD-21/CPN-3A AN/CPN-3A | | CONFIDENTIAL | MD-32/TPS-1B | | | MD-54/FPN-1 | | |
| MODULATOR: ACCEPTS CODED KY-5/CPN-3A OUTPUT SIGNALS AND AMPLIFIES AND SHAPES THESE SIGNALS FOR KEYING THE RADAR TRANSMITTER T-58/CPN-3A INPUT SUPPLIED BY RECTIFIER POWER UNIT PP-73/CPN-3A. | | | 115/10/400~ & 27V DC. OUTPUT: 4 MICRO-SECS. 4 KV PEAK PULSE. DIMENSIONS 2 FT. SQUARE. | | | "X" BAND TRANSMITTER-CONVERTERS. DIMENSIONS 19" X 22" X 22". POWER INPUT: 117V. AC. 15,000V. DC. SIMILAR TO EXCEPT FOR ADDITION OF SWITCHING RELAY & WIRING CHANGES BUT NOT INTERCHANGEABLE WITH MODULATOR MD-17/MPN-1A. | | |
| 1/27/44 CPR: FEB. 44 | | | | | | | | |
| MD-26/ARQ-10 AN/ARQ-10 | | CONFIDENTIAL | MD-37/APS-T2 AN/APS-T2 | | | MD-55/CPX-3 AN/CPX-3 | | CONFIDENTIAL |
| MODULATOR-POWER SUPPLY SOURCE OF NOISE AND MODULATOR MODULATION AND INCLUDES PROVISIONS FOR EXTERNAL MODULATIONS. ALSO INCLUDES AMPLIFIER AND MODULATOR STAGES-FM OSCILLATOR AND POWER SUPPLY FEEDING INTO TRANSMITTER-RECEIVER. INPUT: 26 V.D.C. 80 OR 115V/10/400-2400-4/3/44 CFT: APR. 44 | | | MODULATOR: INCLUDES (1) SWEEP CIRCUITS WHICH GENERATE A WEDGE SHAPED PATTERN ON CATHODE RAY TUBE OF SCANNER CV-15/APS-T2, (2) "SEA RETURN" GENERATOR, (3) VIDEO AMPLIFIER FOR SIGNALS FROM PHOTO MULTIPLIER CV-7/APS-T1, (4) RF MIXER AND OSCILLATOR 8/4/44 AUG. 44 | | | MODULATOR-POWER UNIT: RECEIVES A CODED SIGNAL FROM CODER KY-10/CPX-3 AND AMPLIFIES THIS SIGNAL TO THE PROPER POWER LEVEL AND PASSES THIS SIGNAL ON TO TRANSMITTER PORTION OF TRANSMITTER-RECEIVER RT-89/CPX-3 INCLUDES "CHALLENGE" AND HIGH-LOW OUTPUT. 12/28/44 APR. 45 | | 918 |
| MD-26/ARQ-10 | | | MD-37/APS-T2 | | | MD-55/CPX-3 | | |
| OUTPUT: -150.-30.+300.+250 V.D.C AND 26V.D.C. AND 80 OR 115/10/400-2400 TO TRANSMITTER-RECEIVER RT-50/ARQ-10 OR RT-51/ARQ-1C OR RT-52/ARQ-10. 26V.D.C. AND 80 OR 115/10/400-2400 TO INDICATOR-AMPLIFIER ID-78/ARQ-10. | | | WHICH SUPPLY RECEIVER INDICATOR OF SCR-717 A OR B WITH SIGNALS AT "IF" LEVEL (5) GATE CIRCUIT TO CONTROL AMPLITUDE OF SIGNAL WITH RESPECT TO TILT ANGLE AND ALTITUDE. MOUNTS IN CY-59/APS-T1. | | | POWER RELAY AND A POWER UNIT. MOUNTS IN CABINET CY-378/UPX; PROVIDES MOUNTING AND POWER SUPPLY FOR CODER KY-10/CPX-3. POWER INPUT: 115V/10/50-60- OR 400-500 CYCLES FROM CABLE JUNCTION UNIT J-131/CPX-3. BRITISH REF. NO. 11008/406. | | |
| MD-27/ARW-19 AN/ARW-19 | | RESTRICTED | MD-53/APS-20 AN/APS-20 | | CONFIDENTIAL | MD-56/ART-13 AN/ART-13 | | CONFIDENTIAL |
| MODULATOR: CAPABLE OF GENERATING SIMULTANEOUSLY ANY THREE OF TEN SUPERSONIC CONTROL FREQUENCIES IN THE RANGE OF 20 TO 120 KC WITH SUFFICIENT VOLTAGE OUTPUT TO MODULATE RADIO TRANSMITTER T-70/ARW-19 OR T-72/ARW-21. OPERATES ON 26V DC. OBTAINED 4/5/44 APR. 44 | | | MODULATOR: A LINE TYPE MODULATOR WHICH PROVIDES DRIVING PULSE AND WHICH ALSO HAS PROVISIONS TO SUPPLY THE FILAMENT VOLTAGE FOR THE RADAR TRANSMITTER T-120/APS-20. INPUTS ARE: 208/120 VOLTS, 3 PHASE, 400 CYCLES AC; AND 28 VOLT DC AND MODULATOR 11/23/44 CASG: DEC. 44 | | | MODULATOR: CONSISTS OF A ONE TUBE NOISE SOURCE MOUNTED IN A BOX APPROX. 3 3/8" X 5 1/4" X 2 3/8", WT. APPROX. 2 LBS. USED AS A PLUG-IN ATTACHMENT FOR JAMMING PURPOSES. IN PLACE OF THE MCW-CFI UNIT IN TRANSMITTERS T-47/ART-13 & T-47A/ART-13. 12/29/44 JAN. 45 | | |
| MD-27/ARW-19 | | | MD-53/APS-20 | | | MD-56/ART-13 | | |
| FROM THE RADIO TRANSMITTER. | | | TRIGGER FROM SYNCHRONIZER UNIT SN-22/APS-20. DIMENSIONS: 60" X 26". WT.: 375 LBS. | | | POWER IS DERIVED FROM THE MD-56/ART-13 TRANSMITTER T-47/ART-13 OR T-47A/ART-13, & THE AUDIO NOISE OUTPUT MODULATES THE TRANSMITTER IN THE SAME MANNER AS THE MCW OUTPUT. THE PEAK NOISE OUTPUT IS APPROX. 0.1 VOLTS. SIMILAR TO AN/ARA-3 IN FUNCTION; MAIN DIFFERENCE IS IN POWER SOURCE & DESIGN. USED WITH BUT NOT PART OF AN/ART-13. | | |
| MD-28/ARW-19X AN/ARW-19X | | RESTRICTED | MD-53A/APS-20 AN/APS-20A | | CONFIDENTIAL | RT-59M/APS-15B AN/APS-15BM | | CONFIDENTIAL |
| MODULATOR: CAPABLE OF GENERATING SIMULTANEOUSLY ANY THREE OF TEN SUPERSONIC CONTROL FREQUENCIES IN THE RANGE OF 20 TO 120KC. WITH SUFFICIENT VOLTAGE OUTPUT TO MODULATE RADIO TRANSMITTER T-71/ARW-19X OR T-73/ARW-21X. OPERATES ON 13V DC OBTAINED 4/5/44 APR. 44 | | | MODULATOR: A LINE TYPE MODULATOR WHICH PROVIDES DRIVING PULSE AND WHICH ALSO HAS PROVISIONS TO SUPPLY THE FILAMENT VOLTAGE FOR THE RADAR TRANSMITTER T-120/APS-20. INPUTS ARE: 208/120 VOLTS, 3 PHASE, 400 CYCLES AC; AND 28 VOLT DC AND MODULATOR 4/14/45 CG: APR. 45A | | 948A | TRANSMITTER-CONVERTER: CONSISTS OF PREAMPLIFIER AND MIXER, LOCAL OSCILLATORS FOR SEARCH & BEACON, TR AND ATR, OUTPUT TUBE, PULSE TRANSFORMER, BLOWER MOTOR, KEEP-ALIVE RECTIFIER SUPPLY, RELAY CIRCUITS AND FILTERS MOUNTED IN AN INVERTED TYPE MODULATOR 4/11/45 APR. 45A | | |
| MD-28/ARW-19X | | | MD-53A/APS-20 | | | RT-59M/APS-15B | | |
| FROM THE RADIO TRANSMITTER. SIMILAR TO MODULATOR MD-27/ARW-19 EXCEPT FOR DIFFERENT POWER REQUIREMENTS. | | | TRIGGER FROM SYNCHRONIZER UNIT SN-22/APS-20. SIMILAR TO MD-53/APS-20 EXCEPT INCLUDES AN CONNECTOR TO BRING OUT PLATE TRANSFORMER TAPS FOR 3 PHASE VARIAC. | | | BASE. INCLUDES NECESSARY CABLES FOR CRYSTAL CURRENT AND PULSE CABLE. TRANSMITTER-CONVERTER RT-59/APS-15B MODIFIED BY INCREASING THE BAND WIDTHS OF THE PREAMPLIFIER. | | |
| MD-32/TPS-1B AN/TPS-1B | | CONFIDENTIAL | MD-54/FPN-1 AN/FPN-1 | | CONFIDENTIAL | MD-60/APS-31 AN/APS-31 | | CONFIDENTIAL |
| MODULATOR: ROTARY SPARK TYPE MODULATOR. USING DC CHARGING WITH HV DC PROVIDED BY MEANS OF A 400- TRANSFORMER AND ASSOCIATED RECTIFIER AND FILTER CIRCUITS. ALL SELF-CONTAINED. SHAPES THE PULSE AND FEEDS INTO RADAR TRANSMITTER T-76/TPS-1B. INPUT 4/17/44 CW:X-66171H CW:BL-418493 DEC. 44 | | | MODULATOR: ANGLE AND FORMED SHEET CONSTRUCTION. CONTAINS THE CIRCUITS NECESSARY TO CONVERT HIGH V. DC (15,000) INTO ACCURATELY TIMED PULSES OF SQUARE WAVE SHAPE AND APPLYING THESE PULSES TO EITHER OPERATING OR STAND-BY CHANNEL OF THE "S" OR 12/19/44 CRR: JAN. 45 | | | MODULATOR: ACCEPTS TRIGGER FROM SYNCHRONIZER SN-36/APS-31 AND PRODUCES AN ADJUSTABLE OUTPUT OF 130-240- KILOWATT PEAKS OF 1/4, 1/2, 2.5 OR 5 MICROSECONDS DURATION AT 1600, 800, 400 OR 200 PULSES PER SEC INTO A 50 OHM LINE. PROVIDES OUTPUT 4/3/45 CPR: APR. 45B | | 948A |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

CONFIDENTIAL

NAVSHIPS 900,109

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|---|--------------------|-------------------------------|---|--------------------|-------------------------------|
| MD-60/APS-31 | | | MK-20/UP | GENERAL USE | | MK-23A/AP | AN/APS-15 | CONFIDENTIAL |
| OF 400 VOLTS DC UP TO 500 MICROAMPERES AND 740/440, 335, 500, 150, -105, -300 VOLTS DC AT UP TO 50/200, 115, 204, 206, 135, 15, 20 MILLIAMPERES. UNIT IS SHOCK MOUNTED. SIZE: APPROX. 21 X 21 X 18. WT. APPROX. 90 LBS. | | | PRESSURIZING KIT: CONSISTS OF ONE V J ANDREW CO. PUMPS TYPE 876 INCLUDING A CYLINDER CONTAINING SILICA-GEL DEHYDRATOR AND V J ANDREW CO. PRESSURE GAUGE. USED TO PRESSURIZE RADAR SYSTEMS WHICH EMPLOY SEALED TYPE COMPONENTS. HAND OPERATED PUMP. SIMILAR TO 1/27/44 | | | 9/18/44 | | |
| | | | MAY 44 | | | SEPT. 44A | | |
| COMPONENT INDICATORS "MK" MAINTENANCE KIT | | | MK-20/UP | GENERAL USE | | MK-30/AP | GEN USE | BUAER DWG. #E-588 |
| | | | PRESSURIZING KIT MK-12/AP EXCEPT MORE EFFICIENT. | | | ADAPTER KIT TO PROVIDE FACILITIES FOR TESTING AN/APS-16 AND ASB WITH THE TS-102/AP. CONSISTS OF: TWO - CABLE ASSEMBLY CG-170/U (10" - 0"), TWO - CORD ASSEMBLY CG-177/U(0" 6"). TWO - CONNECTORS NAVY TYPE 49192. TWO - CONNECTORS | | |
| RADIO, TELEPHONE, GENERAL UTILITY | | | | | | 7/3/44 | | |
| | | | MK-20A/UP | GEN USE | | JULY 44 | | |
| | | | PRESSURIZING KIT. CONSISTS OF ONE V.J. ANDREW CO. PUMP TYPE 876 INCLUDING A CYLINDER CONTAINING SILICA-GEL DEHYDRATOR AND A V.J. ANDREW CO. PRESSURE GAUGE. USED TO PRESSURIZE RADAR SYSTEMS WHICH EMPLOY SEALED TYPE COMPONENTS. 8/12/44 | | | | | |
| | | | AUG. 44 | | | | | |
| | | | MK-4A/TRC-1 | AN/TRC-1A | RESTRICTED | MK-25/ASQ | AN/ASQ-1,1A,2,2A | |
| MAINTENANCE EQUIPMENT: PIECE PARTS, TOOLS, AND TEST EQUIPMENT FOR LIMITED MAINTENANCE OF ONE RADIO RECEIVER R-191/TRC-1, RADIO TRANSMITTER T-141/TRC-1 AND TEST OSCILLATOR TS-321/TRC-1. ISSUED WITH RADIO SET AN/TRC-1A FOR LIMITED MAINTENANCE AT THE 3/8/44 | | | JUN. 44 | | | PANEL KIT: RESTRICTED CONSISTS OF A PORTABLE JUNCTION PANEL & THE NECESSARY CABLES & CONNECTORS FOR INTERCONNECTING UNITS OF AN/ASQ-1,1A, 2, AND 2A FOR TEST & MAINTENANCE & INSTRUCTION PURPOSES. INCLUDES TERMINAL STRIPS, SWITCH, CONNECTORS & CABLES 3/15/44 | | |
| | | | | | | MAR. 44 | | |
| | | | MK-4A/TRC-1 | | | MK-25/ASQ | | |
| RADIO STATION. CONSISTS OF SPARE TUBES, LAMPS, FUSES, RELAYS, FANS, COIL ASSEMBLIES, CORDS, CONNECTORS, ETC., AND INCLUDES ALIGNMENT TOOL, TUBE PULLER, TEST OSCILLATOR TS-321/TRC-1, CONTAINS TECHNICAL MANUAL FOR OPERATION OF RADIO SET. PACKED IN CHEST RC-5. | | | | | | MOUNTED ON AN OPEN BOARD. ALSO HAS PROVISION FOR INTERCONNECTING TWO JUNCTION PANELS. | | |
| | | | | | | | | |
| | | | MK-6A/TRC-4 | AN/TRC-4A | RESTRICTED | MK-26/TPS-1B | AN/TPS-1B | |
| MAINTENANCE EQUIPMENT: SPEC. 271-3010 PIECE PARTS, TOOLS & TEST EQUIP. FOR MAINTENANCE OF THREE R-19A/TRC-1, THREE T-14A/TRC-1 & ONE TS-32/TRC-1. ISSUED WITH RADIO RELAY SET AN/TRC-41 FOR MAINTENANCE & LIMITED REPAIRS AT THE RADIO STATION. CONSISTS OF SPARE TUBES, LAMPS, 3/8/44 | | | JUN. 44 | | | REINFORCED WOODEN BOX CONTAINING THE NECESSARY TOOLS AND MISCELLANEOUS PARTS REQUIRED FOR ERECTING & SERVICING THE EQUIPMENT IN THE FIELD. ALSO INCLUDES A SET OF MOBILE SPARE PARTS. | | |
| | | | | | | 4/17/44 | | |
| | | | | | | APR. 44 | | |
| | | | MK-6A/TRC-4 | | | MK-22/TPS-16 | AN/TPS-16 | |
| FUSES, RELAY, FANS, COIL ASSEMBLIES, CORDS, CONNECTORS, ETC. ALSO CONSISTS OF TOOLS AND TEST EQUIP. SUCH AS PLIERS, TAPE, SOLDER, ALIGNMENT TOOL, TS-32/TRC-1 ETC., & TECHNICAL MANUAL. PACKED IN CHEST BC-5. | | | | | | MODIFICATION KIT: USED TO ADAPT A RADAR SET TO ALLOW MOUNTING AND OPERATION OF RADAR COMPENSATING ASSEMBLY AN/APS-16. CONSISTS OF (1) CABLE CLAMP CW:SA-10070-18. (2) ZIERECK MFG. NO. 9 TERMINALS WITH NO. 6 STUD HOLE. (3) CABLE ASSEMBLY 2/21/44 | | |
| | | | | | | CW:X-66172-E | | |
| | | | | | | CW:BL-412014 | | |
| | | | | | | JULY 44 | | |
| | | | MK-12/AP | GENERAL USE | | MK-30/AP | GEN USE | BUAER DWG. #E-588 |
| PRESSURIZING KIT: CONSISTS OF A BICYCLE TYPE PUMP, A PRESSURE GAUGE, & A LENGTH OF RUBBER HOSE. THE HOSE CONNECTION FITS A STANDARD AUTOMOBILE TYPE VALVE STEM. INCLUDES A CONTAINER WITH SILICA-GEL HUMIDIFYING MATERIAL. 4 1/2" X 14 1/2" X 3" 11/24/43 CPR: CPR:548-1560 | | | JULY 44 | | | ADAPTER KIT TO PROVIDE FACILITIES FOR TESTING AN/APS-16 AND ASB WITH THE TS-102/AP. CONSISTS OF: TWO - CABLE ASSEMBLY CG-170/U (10" - 0"), TWO - CORD ASSEMBLY CG-177/U(0" 6"). TWO - CONNECTORS NAVY TYPE 49192. TWO - CONNECTORS | | |
| | | | | | | 7/3/44 | | |
| | | | | | | JULY 44 | | |
| | | | MK-12/AP | | | MK-23/AP | AN/APS-15 | CONFIDENTIAL |
| (LESS GAUGE AND HOSE). 15 3/4 LBS. USED TO PRESSURIZE RADAR SYSTEMS WHICH EMPLOY SEALED TYPE COMPONENTS (ASQ, AN/APS-2, AN/APS-15, ETC.) NAVY TYPE CPR-10198-B. PROCURED ON CONTRACTS NXS-3932 AND N18a 27450. | | | | | | PRESSURIZING KIT: CONSISTS OF A PRESSURIZING UNIT SIZE APPROX. 4" X 5" X 10" WITH COLOR CHANGING PLASTIC DEHYDRATOR SIZE APPROX. 1 1/4" X 5" ATTACHED TO ITS OUTLET. CONSISTS OF A GEAR TYPE PUMP, A 24V DC. MOTOR, CHECK VALVE ON-OFF SWITCH. DIFFER. 2/29/43 CALR | | |
| | | | | | | 9/18/44 | | |
| | | | | | | SEPT. 44A | | |
| | | | MK-23/AP | AN/APS-15 | CONFIDENTIAL | MK-35/PNS-1 | AN/PNS-1 | |
| | | | | | | MAINTENANCE KIT: A KIT CONTAINING SPARE PARTS, TOOLS AND TEST INSTRUMENTS USED IN REPAIRING SOUND RANGING SET AN/PNS-1(C). | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

MK-36/GR GEN. USE
 MOISTURE-FUNGUS PROOFING KIT: A MOISTURE AND FUNGUS PROOFING KIT WHICH INCLUDES CLEANING COMPOUNDS, A RUST PREVENTATIVE, SEALING COMPOUND, FUNGICIDAL VARNISH, BRUSHES, INFRA-RED DRYING LAMPS, ETC. IN SUFFICIENT QUANTITY TO TREAT FIFTY RADIO SETS.
 9/20/44
 SEPT. 44

MK-37/UP MAINTENANCE KIT
 THIS KIT CONSISTS OF FOUR ITEMS. (a) PIN SPANNER PER ES-804895-8 USED FOR THE COUPLING OF THE RADAR'S 1 5/8" COAXIAL TRANSMISSION LINES. (b) CAPTEN BAR PER ES-804158-6 USED FOR LOCKING AND UNLOCKING THE MAGNETRON IN PLACE. (c) A 1/2
 10/19/44
 OCT. 44

POUND CAN OF BEACON MK-37/UP
 M285 GREASE MANUFACTURED BY STANDARD OIL OF NEW JERSEY AND USED FOR GREASING THE DRIVE UNIT OF THE RADAR. AND (3) A 2 OUNCE TIN OF OIL-DAG MANUFACTURED BY ACHESON COLLOID CO., AND USED FOR AN ANTI-FREEZE ON THE COUPLINGS OF THE RADAR TRANSMISSION LINES. PROCURED ON CONTRACT NO. NORD-3456 FROM W.E. CO.

MK-38/GR TROPICALIZATION SUPPLY KIT:
 MOISTURE AND FUNGUS-PROOFING KIT; CONSISTS OF DRYING LAMP, SPRAYGUN, VARNISH, THINNERS, WATERPROOFING COMPOUNDS, MARKING EQUIPMENT, ACCESSORIES AND FUNGUS PROOFED MATERIAL. MATERIALS SUFFICIENT FOR TREATING APPROX. FIFTY RADIO SETS.
 1/17/45
 JAN. 45

MK-38/GR
 KIT CONSISTS OF THE EXPENDABLE ITEMS OF MK-36/GR.

MK-42/U HOOKUP WIRE KIT:
 COMPRISES A CHEST BC-5 MODIFIED BY THE ADDITION OF THREE REMOVABLE COMPARTMENTED TRAYS WHICH CONTAIN 51 ASSORTED SPOOLS OF HOOKUP WIRE MOST COMMONLY USED IN RADIO REPAIR. SIZE 5.3 CU. FT. WT. 156 LBS.
 4/25/45
 MAY 45A

COMPONENT INDICATORS "ML" METEOROLOGICAL APPARATUS

ML-306/AP GENERAL USE PO-600-1719
 PILOT BALLON TARGET: RESTRICTED
 A COLLAPSIBLE STAIR SHAPED RADAR TARGET FOR ATTACHMENT TO PILOT BALLOONS. USED WITH AVAILABLE RADAR EQUIPMENT TO DETERMINE THE UPPER WIND DIRECTION & VELOCITY. CONSISTS OF A FOIL COVERED WOODEN STRUCTURE WHICH IS 4 FEET WIDE & EXTENDS TO
 11/17/45 CABG:PBT-2
 MAR. 44

ML-306/AP
 APPROX 13 FT IN LENGTH. PARTITIONS ARE INCLUDED ON EACH SIDE OF EACH STEP TO PROVIDE NUMEROUS CUBICAL CORNER REFLECTORS. SAME AS ML-306/AP(XN-1) & ML-306/AP(XN-2) EXCEPT INCLUDES 7 PANELS AND WEIGHS APPROX. 1 1/2 LBS. ALSO INCLUDE A TIME DELAY FEATURE WHICH PREVENTS THE TARGET FROM OPENING FOR A PREDETERMINED LENGTH OF TIME.

ML-306/AP(XN-1) GENERAL USE
 PILOT BALLOON TARGET: RESTRICTED
 A COLLAPSIBLE STAIR SHAPED RADAR TARGET FOR ATTACHMENT TO PILOT BALLOONS. USED WITH AVAILABLE RADAR EQUIPMENT TO DETERMINE THE UPPER WIND DIRECTION & VELOCITY. CONSISTS OF A FOIL COVERED WOODEN STRUCTURE WHICH IS 4 FEET WIDE & EXTENDS TO
 8/17/43 CABG:
 OCT. 43

ML-306/AP(XN-1)
 14 FEET AND 7 INCHES IN LENGTH. PARTITIONS ARE INCLUDED ON EACH SIDE OF EACH STEP TO PROVIDE NUMEROUS CUBICAL CORNER REFLECTORS. FIRST PURCHASED UNDER NAVY PROJECT ORDER P.O. 600-1719 (1944 FUNDS) SAME AS ML-306/AP(XN-2) EXCEPT INCLUDES 8 PANELS INSTEAD OF 6 AND WEIGHS APPROX. 25 OUNCES.

ML-306/AP(XN-2)GENERAL USE
 PILOT BALLOON TARGET: RESTRICTED
 A COLLAPSIBLE STAIR SHAPED RADAR TARGET FOR ATTACHMENT TO PILOT BALLOONS. USED WITH AVAILABLE RADAR EQUIPMENT TO DETERMINE THE UPPER WIND DIRECTION & VELOCITY. CONSISTS OF A FOIL COVERED WOODEN STRUCTURE WHICH IS 4 FEET WIDE & EXTENDS TO
 8/17/43 CABG:
 OCT. 43

ML-306/AP(XN-2)
 11 FEET AND 9 INCHES IN LENGTH. PARTITIONS ARE INCLUDED ON EACH SIDE OF EACH STEP TO PROVIDE NUMEROUS CUBICAL CORNER REFLECTORS. FIRST PURCHASED UNDER NAVY PROJECT ORDER P.O. 600-1719 (1944 FUNDS) SAME AS ML-306/AP(XN-1) EXCEPT INCLUDES 6 PANELS INSTEAD OF 8 AND WEIGHS APPROX. 20 OUNCES.

ML-309/AP AIRBORNE
 PILOT BALLOON TARGET: RESTRICTED
 A PILOT BALLOON LAUNCHED RADAR REFLECTOR USED WITH AVAILABLE RADAR EQUIPMENT TO DETERMINE UPPER WIND VELOCITIES - CONSISTS OF A FOIL COVERED WOODEN STRUCTURE WHICH PROVIDES 8 CUBICAL CORNERS EACH APPROXIMATELY 24" ON EDGE. WILL OPERATE
 11/12/43 CABG:
 NOV. 43

ON ALL FREQUENCY BANDS.

ML-355/GMQ-2 AN/GMQ-2 RE T3A954
 CEILING LIGHT PROJECTOR:
 A SEARCHLIGHT INCORPORATING HIGH PRESSURE MERCURY ARC AIR COOLED LAMP, FOR PROJECTING A NARROW BEAM OF LIGHT VERTICALLY UPWARDS; PROVIDED WITH A DETACHABLE FILTER, ELIMINATING APPROXIMATELY 90% OF VISIBLE LIGHT. FOR USE AT NIGHT
 1/17/45 CG:
 JAN. 45

ML-335/GMQ-2
 IN MEETING "BLACKOUT" OR "DIMOUT" REQUIREMENTS.

ML-336/GMQ-2 AN/GMQ-2 RE T3A953
 CEILING RECORDER:
 AN INSTRUMENT FOR MAKING A CONTINUOUS RECORD OF MEASUREMENTS OF LIGHT PICKED UP BY PHOTO-ELECTRIC CLINOMETER
ML-337/GMQ-2; RECORD IS IN TERMS OF TIME OF ANGLE WITH RESPECT TO HORIZONTAL, AND ARBITRARY UNITS OF LIGHT INTENSITY. THE
 1/17/45 CG:
 JAN. 45

RECORD ML-336/GMQ-2
 CAN BE INTERPRETED BY NOTING ANGLE AT WHICH INCREASE (DUE TO REFLECTION OF LIGHT FROM CLOUD) OCCURS; THIS ANGLE IS REDUCED, BY TRIANGULATION, TO ALTITUDE OF CLOUD.

ML-337/GMQ-2 AN/GMQ-2 , RE T3A953
 PHOTO-ELECTRIC CLINOMETER:
 AN ELECTRICALLY OPERATED SCANNING AND INDICATING DEVICE FOR MEASURING AND INDICATING, IN ARBITRARY UNITS, THE AMOUNT OF LIGHT RECEIVED FROM THE VERTICAL BEAM OF LIGHT PROJECTED FROM CEILING LIGHT PROJECTOR ML-335/GMQ-2. ENCLOSED
 1/17/45 CG:
 JAN. 45

ML-337/GMQ-2
 IN A BARREL WHICH ROTATES THROUGH 90° OF ARC IN A VERTICAL PLANE, AND WHICH MAY BE TRAINED ON THE BEAM OF LIGHT PROJECTED TOWARD THE CLOUD; A SUITABLE AMPLIFIER, DISCRIMINATOR, AND INDICATING METERS. EQUIPPED FOR AUTOMATIC OR MANUAL SCANNING.

ML-369/UMQ-3 AN/UMQ-3
 TEMPERATURE HUMIDITY UNIT: CONFIDENTIAL
 CONSISTS OF A SMALL LOW-VOLT RADIATION & PRECIPITATION SHIELD HOUSING TEMPERATURE AND HUMIDITY ELEMENTS. AIR BORNE BY MEANS OF A KITE OR BALLOON. IT IS MOORED AND CONNECTED TO THE GROUND EQUIPMENT (EVALUATOR UNIT ML-370/UMQ-3)
 11/6/44
 NOV. 44

ML-369/UMQ-3
 BY MEANS OF A SPECIAL. 3 CONDUCTOR, LIGHT WEIGHT HIGH TENSILE SUBMERSION PROOF CABLE.

ML-370/UMQ-3 AN/UMQ-3
 EVALUATOR UNIT: CONFIDENTIAL
 CONSISTS OF A DUAL CURRENT INDICATING DEVICE INCORPORATING 0-50 MICROAMPERE METER, AN ADJUSTABLE (PREDETERMINED) VOLTAGE SOURCE FROM SELF-CONTAINED (1.5 VOLT) DRY CELLS FOR SUPPLYING CURRENT TO THE AERIAL CIRCUITS, AND CONTROLS FOR
 11/6/44
 NOV. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|---|-----------------------|--------------------|---|-----------------------|--------------------|--|
| | | ML-370/UMQ-3 | | | *MT-6/ARR-2X | | | MT-11/ARR-3 AN/ARR-3 |
| | | CALIBRATION. HAS A CURRENT REVERSAL DEVICE (COMPUTATOR) OPERATING AT 50 ALTERNATIONS/SEC. TO ELIMINATE POLARIZATION IN THE HUMIDITY ELEMENT ALOFT. RUNS FROM EXTERNAL 6 VOLT BATTERY. UNIT HAS AN EVALUATION CHART FURNISHED FOR CONVERSION OF INDICATED CURRENT VALUES TO TEMP. & REL. HUMIDITY. | | | THE FACE AND ONE OF THE JACKS ON THE LEFT REAR HAVE BEEN REMOVED. | | | MOUNTING: RESTRICTED CONSISTS OF FOUR RUBBER SHOCK MOUNTS AND A CRADLE FOR THE RECEIVER PROPER OF RADIO RECEIVER R-2/ARR-3 WITH MEANS FOR SECURING THE RECEIVER: APPROXIMATELY 14" LONG X 10 1/4" WIDE OVER-ALL. FREED RADIO CORPORATION PART NO. 450A OR EQUAL. 2/1/43 CFF:450-A-194 MAR. 45 |
| | | COMPONENT INDICATORS "MT" MOUNTINGS | | | *MT-7/ARR-2 *AN/ARR-2 | | | MT-12/ARR-3 AN/ARR-3 |
| | | MOUNTINGS, RACKS, FRAMES, STANDS, ETC. | | | MOUNTING RACK FOR RADIO RECEIVER: FOR MOUNTING ONE 28 V RADIO RECEIVER EQUIVALENT TO TYPE *R-4/ARR-2. SAME AS *MT-6/ARR-2 EXCEPT RELAY COIL IS WOUND FOR 28 VOLT DC OPERATION. SAME AS NAVY TYPE -46157 EXCEPT THE A-TEL B-TEL SWITCH AND THE A & B JACKS ON THE FACE & 1/25/43 (CW)(CZR) CW:ESXX-749986 MAY 43 ISSUE 5 | | | MOUNTING: RESTRICTED APPROXIMATELY 4" LONG X 4" WIDE OVER-ALL; FOR ANTENNA COUPLING UNIT CU-1/ARR-3. 2/1/43 FEB. 44 |
| | | *MT-1/ARR-1 *AN/ARR-1 | | | ONE OF THE JACKS ON THE *MT-7/ARR-2 | | | MT-13/ARR-3 AN/ARR-3 |
| | | MOUNTING PLATE FOR CONTROL UNIT | | | LEFT REAR HAVE BEEN REMOVED. | | | MOUNTING: RESTRICTED SHOCK MOUNTED; APPROXIMATE OVER-ALL DIMENSIONS 8" X 6 1/2" X 1"; FOR DYNAMOTOR UNIT DY-5/ARR-3. 2/1/43 FEB. 44 |
| | | 1/22/43 (CW) (CZR) CW:ESO-990126 MAY 43 ISSUE 1 | | | | | | *MT-14/ARN-1 *AN/ARN-1 |
| | | *MT-2/ARR-1 *AN/ARR-1 | | | *MT-7A/ARR-2 AN/ARC-5 | | | MOUNTING BASE: RESTRICTED PROVIDES ANTI-SHOCK MOUNTING FOR ONE RECEIVER-TRANSMITTER EQUIVALENT TO *RT-2/ARN-1. 1/29/43 CRY:P255418 CRY:T-256002-510 OCT. 43 SUB 3 SUB 8 |
| | | MOUNTING BASE FOR RADIO RECEIVER | | | MOUNTING RACK (1 REC): FOR MOUNTING ONE RECEIVER OF THE RAT, RAV, ARA, *AN/ARR-2 OR AN/ARC-5 EQUIPMENTS. INCLUDES 28 V DC SIDE TONE RELAY, HEADSET SWITCH AND JACKS, AND ELECTRICAL CONNECTION FOR RECEIVER. FITS MOUNTING BASE *MT-5/ARR-2. SAME AS MOUNTING RACK 7/1/43 CBY:7509 JULY 43 | | | *MT-14A/ARN-1 *AN/ARN-1 |
| | | 1/22/43 (CW) (CZR) CW:ESD-990126 MAR. 45 ISSUE | | | | | | MOUNTING BASE: RESTRICTED PROVIDES ANTI-SHOCK MOUNTING FOR ONE RECEIVER-TRANSMITTER EQUIVALENT TO *RT-2/ARN-1. SAME AS *MT-14/ARN-1 EXCEPT MADE BY ROBINSON AVIATION, INC. AND USES ROBINSON SHOCKMOUNTS INSTEAD OF LORD SHOCKMOUNTS. 1/29/43 CAIK: APR. 44 |
| | | *MT-3/ARR-1 *AN/ARR-1 | | | *MT-7/ARR-2 EXCEPT INCLUDES ONE HEADSET SWITCH AND TWO JACKS ON FRONT. (1 REC) EQUIVALENT OF MT-63/ARC-5. "AN" DESIGNATION FOR NAVY TYPE -46157. | | | MT-15/APS-2 AN/APS-2 |
| | | MOUNTING PLATE FOR SWITCHING RELAY | | | | | | MOUNTING BASE: RESTRICTED FOR ANTENNA ASSEMBLY. PROVIDES ANTI-SHOCK MOUNTING FOR AS-5/APS-2 ANTENNA ASSEMBLY. MAY ALSO BE USED FOR NAVY TYPE -66ACZ ANTENNA. AN NOMENCLATURE FOR NAVY TYPE -10ABE. (-10ABE) 2/16/43 CPR:347-1002A MAR. 45 |
| | | 1/22/43 (CW) (CZR) CW:SO-990126 MAY 43 ISSUE 1 | | | MT-8/ASQ-1 AN/ASQ-1 | | | MT-16/APS-2 AN/APS-2 |
| | | *MT-4/ARR-2 *AN/ARR-2 | | | RACK: AN "ATR" TYPE RACK FOR MOUNTING AMPLIFIER AM-1/ASQ-1. | | | MOUNTING BASE: RESTRICTED FOR RECEIVER-INDICATOR. PROVIDES ANTI-SHOCK MOUNTING FOR R-7/APS-2 RECEIVER-INDICATOR WHICH IS SECURED BY SNAP SLIDES. MAY ALSO BE USED FOR NAVY TYPE -46ABT RECEIVER-INDICATOR. AN NOMENCLATURE FOR NAVY TYPE -10ABF. (-10ABF) 2/16/43 CPR:5L0-182 SEPT 43 |
| | | MOUNTING PLATE: PROVIDES MOUNTING FOR CONTROL UNITS *C-2/ARR-2, C-26/ARC-5, *C-35/ARR-2A OR NAVY TYPE -25261. | | | | | | MT-16/APS-2 |
| | | 1/25/43 CW:CZR CW:ESXX-749986 NOV. 43 CBY:7053 ISSUE 5 | | | 1/29/43 CLU: AUG. 43 CLX:CGO: | | | INCLUDES 6 SHOCK MOUNTS; TWO AN-8008-33 (LORD TYPE 200 PH20) IN THE FRONT, TWO AN-8008-32 (LORD TYPE 200PH15) IN THE MIDDLE AND TWO AN-8008-33 IN THE BACK. SAME AS MT-124/APS-15 EXCEPT FOR LOAD RATING OF SHOCK MOUNTS. |
| | | *MT-5/ARR-2 *AN/ARR-2 | | | MT-9/ASQ-1 AN/ASQ-1 | | | |
| | | MOUNTING BASE (1 REC): PROVIDES ANTI-SHOCK MOUNTING FOR A UNIT MOUNTING RACK, AND ANY ONE RECEIVER OF OF THE RAT, RAV, ARA, *AN/ARR-2 OR AN/ARC-5 EQUIPMENTS. (1 REC) EQUIVALENT OF MT-62/ARC-5. "AN" DESIGNATION FOR NAVY TYPE -46158. *CW:ESXX-749986 ISSUE 1 1/25/43 CBY:7059 CBY:7059-1-B JULY 43 *SEE ABOVE | | | RACK: AN "ATR" TYPE RACK FOR MOUNTING OSCILLATOR O-1/ASQ-1. | | | |
| | | *MT-6/ARR-2X *AN/ARR-2X | | | 1/29/43 CLU: AUG. 45 CLX:CGO: | | | |
| | | MOUNTING RACK FOR RADIO RECEIVER: FOR MOUNTING ONE 14 V RADIO RECEIVER EQUIVALENT TO TYPE *R-3/ARR-2. SAME AS *MT-7/ARR-2 EXCEPT RELAY COIL IS WOUND FOR 14 VOLT DC OPERATION. SAME AS NAVY TYPE -46182 EXCEPT THE A-TEL B-TEL SWITCH AND THE A AND B JACKS ON 1/25/43 (CW)(CZR) CW:ESXX-749986 JULY 43 ISSUE 5 | | | | | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | |
|-----------------------|--------------------|---|-----------------------|--------------------|---|-----------------------|--------------------|--|---|
| MT-20/ASQ-2 | AN/ASQ-2 | RACK: A RACK FOR MOUNTING 2 AMPLIFIER AM-1/ASQ-1. RECTANGULAR METAL FRAME WITH BUILT IN RUBBER SHOCK MOUNTINGS FOR EACH UNIT. SIMILAR TO PACK MT-21/ASQ-2 EXCEPT FOR THE JUNCTION BOX AND INTERCONNECTING CONDUIT ASSEMBLIES & CORDS. 2/19/43 FEB. 43 | MT-25/ARN-8 | AN/ARN-8 | RE 13B 672B MOUNTING BASE FOR RADIO RECEIVER R-8/ARN-8. PROVIDES ANTI SHOCK MOUNTING. 3/13/43 CDE:MBA (BASE) CDE:C1300 REV 0 MAY 43 | MT-45/APS-2 | AN/APS-2 | MOUNTING BASE: FOR RT-4/APS-2 (OR RT-4A/APS-2) TRANSMITTER-CONVERTER AND J-6/APS-2 JUNCTION BOX. PROVIDES ANTI-SHOCK MOUNTING. 5/15/43 CPR: JUNE 43 | |
| MT-21/ASQ-2 | AN/ASQ-2 | RACK: A RACK FOR MOUNTING 2 OSCILLATOR O-1/ASQ-1. RECTANGULAR METAL FRAME WITH BUILT IN RUBBER SHOCK MOUNTINGS FOR EACH UNIT. JUNCTION BOX ON SIDE AND INTERCONNECTING CONDUIT ASSEMBLIES AND CORD. 2/19/43 APR. 44 | MT-26/ASQ-2 | AN/ASQ-2 | RACK: A RACK FOR MOUNTING 2 AMPLIFIER AM-1/ASQ-1 AND 2 OSCILLATOR O-1/ASQ-1. CONSISTS OF 2 RECTANGULAR FRAMES BOLTED TOGETHER WITH BUILT IN SHOCK MOUNTINGS FOR THE FRAME & INCLUDES NECESSARY CABLES AND PLUGS FOR INTERCONNECTING THE 3/17/43 MAR. 43 | MT-46/APS-2A | AN/APS-2A | MOUNTING BASE: FOR RT-4/APS-2 (OR RT-4A/APS-2) TRANSMITTER-CONVERTER, J-6/APS-2 JUNCTION BOX AND AS-5/APS-2 ANTENNA ASSEMBLY. PROVIDES ANTI-SHOCK MOUNTING. 5/15/43 CPR: JUNE 43 | |
| MT-22/A | AIRCRAFT | RA 10F 285E MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR A STANDARD 1/2 UNIT "ATR" COVER CW-51/UR ETC. CONSISTS OF A 1/2 UNIT "ATR" MOUNTING WITH FOUR SHOCK MOUNTS AN-8008-27 (LORD TYPE 150 PH6) & WITHOUT REAR JUNCTION BOX. 3/10/43 CGM: SEPT 43 | MT-26/ASQ-2 | | UNITS. JUNCTION BOX ON ONE END OF THE FRAME. *MT-51/UR | GENERAL USE | RA 10F 285E | MOUNTING BASE: ANTI-SHOCK TYPE WITH DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. COMMONLY REFERRED TO AS "1/2" UNIT "ATR" RACK EXCEPT IS SUPPLIED WITHOUT SHOCK MOUNTS WHICH SHOULD BE SPECIFIED IN ACCORDANCE WITH ARMY-NAVY DRAWING AN-8008. 5/20/43 AUG. 43 | |
| MT-22/A | | MT-22/A SUPERSEDED BY MOUNTING BASE *MT-51/UR FOR WHICH SHOCK MOUNTS ARE NOT INCLUDED BUT ARE TO BE SPECIFIED IN ACCORDANCE WITH ARMY-NAVY DRAWING AN-8008. | MT-27/ASQ-1 | AN/ASQ-1 | MOUNTING: A SHOCK MOUNTING FOR DYNAMOTOR UNIT DY-4/ASQ-1. CONSISTS OF A RECTANGULAR METAL PLATE WITH MOUNTING HOLES FOR THE UNIT AND IS BOLTED ON TWO CROSS MEMBERS WITH RUBBER INSERTS WHICH FORM THE SHOCK MOUNTING. APPROX. 12-3/4"x5-1/4"x1-3/4". 3/10/43 CLU: AUG. 43 | MT-52/UR | GENERAL USE | RA 10F 285E | MOUNTING BASE: ANTI-SHOCK TYPE WITH DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. COMMONLY REFERRED TO AS "1" UNIT "ATR" RACK EXCEPT IS SUPPLIED WITHOUT SHOCK MOUNTS WHICH SHOULD BE SPECIFIED IN ACCORDANCE WITH ARMY-NAVY DRAWING AN-8008. 5/20/43 AUG. 43 |
| MT-23/A | AIRCRAFT | -RA 10F 285D MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR A STANDARD 1 UNIT "ATR" COVER CW-52/UR ETC. CONSISTS OF A 1 UNIT "ATR" MOUNTING WITH FOUR SHOCK MOUNTS AN-8008-30 (LORD TYPE 150 PH12) & WITHOUT REAR JUNCTION BOX. 3/10/43 CGM: SEPT 43 | MT-27/ASQ-1 | | SIMILAR TO MOUNTING MT-10/ASQ-1 EXCEPT FOR SHORTER MOUNTING RAILS & DIFFERENT LOCATION OF MOUNTING HOLES. SUPPLIED IN SIGNAL CORPS INSTALLATIONS. *MT-53/UR | GENERAL USE | RA 10F 285E | MOUNTING BASE: ANTI-SHOCK TYPE WITH DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. COMMONLY REFERRED TO AS "1 1/2" UNIT "ATR" RACK EXCEPT IS SUPPLIED WITHOUT SHOCK MOUNTS WHICH SHOULD BE SPECIFIED IN ACCORDANCE WITH ARMY-NAVY DRAWING AN-8008. 5/20/43 AUG. 43 | |
| MT-23/A | | MT-23/A SUPERSEDED BY MOUNTING BASE *MT-52/UR FOR WHICH SHOCK MOUNTS ARE NOT INCLUDED BUT ARE TO BE SPECIFIED IN ACCORDANCE WITH ARMY-NAVY DRAWING AN-8008. | MT-37/APS-2-T1 | AN/APS-2-T1 | MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR REPEATER AMPLIFIER AM-3/APS-2-T1 OR AM-67/APS-15-T1 WHICH IS SECURED BY TWO THUMB NUT LOCKING CATCHES. SIMILAR TO MT-16/APS-2 EXCEPT IS DESIGNED FOR HORIZONTAL MOUNTING. WEIGHT 8.4 POUNDS. 4/19/43 SEPT. 44 | MT-54/UR | GENERAL USE | RA 10F 285E | MOUNTING BASE: ANTI-SHOCK TYPE WITH DIMENSIONS IN ACCORDANCE WITH NAVY DRAWING RA 10F 285. COMMONLY REFERRED TO AS "2" UNIT "ATR" RACK EXCEPT IS SUPPLIED WITHOUT SHOCK MOUNTS WHICH SHOULD BE SPECIFIED IN ACCORDANCE WITH ARMY-NAVY DRAWING AN-8008. 5/20/43 AUG. 43 |
| MT-24/A | AIRCRAFT | RA 10F 285E MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR A STANDARD 1-1/2 UNIT "ATR" COVER CW-53/UR ETC CONSISTS OF A 1-1/2 UNIT "ATR" MOUNTING WITH FOUR SHOCK MOUNTS AN-8008-30 (LORD TYPE 150 PH12) & WITHOUT REAR JUNCTION BOX. 3/10/43 CGM: SEPT 43 | *MT-38/APA-1 | *AN/APA-1 | RE-9035-A MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR REPEATER INDICATOR AMPLIFIER *AM-6/APA-1. WT 1LB 8OZ 4/23/43 CPR: SEPT 43 | MT-62/ARC-5 | AN/ARC-5 | MOUNTING RACK (2 REC): PROVIDES ANTI-SHOCK MOUNTING FOR A TWO UNIT MOUNTING RACK AND ANY TWO RECEIVERS OF THE RAT, RAV, ARA, *AN/ARR-2 OR AN/ARC-5 EQUIPMENTS. (2 REC) EQUIVALENT OF *MT-5/ARR-2 "AN" DESIGNATION FOR NAVY TYPE -46085. 7/1/43 CBY:5694 CBY:5694-2-A JULY 43 CBY:7974-3-B | |
| MT-24/A | | MT-24/A SUPERSEDED BY MOUNTING BASE *MT-53/UR FOR WHICH SHOCK MOUNTS ARE NOT INCLUDED BUT ARE TO BE SPECIFIED IN ACCORDANCE WITH ARMY-NAVY DRAWING AN-8008. | *MT-39/APA-1 | *AN/APA-1 | RE-9035-A MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR ANTENNA SWITCHING UNIT *SA-4/APA-1. WT. 5OZ PER SET OF 4 4/23/43 CPR: SEPT 43 | MT-63/ARC-5 | AN/ARC-5 | MOUNTING RACK (2 REC): FOR MOUNTING ANY TWO RECEIVERS OF THE RAT, RAV, ARA, *AN/ARR-2 OR AN/ARC-5 EQUIPMENTS. INCLUDES 28 V DC SIDE TONE RELAYS, HEADSET SWITCHES AND JACKS, AND ELECTRICAL CONNECTIONS FOR RECEIVERS. FITS MOUNTING BASE MT-62/ARC-5. (2 REC) 7/1/43 CBY:5013 JULY 43 | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|----------------------------|-------------------------------|---|----------------------------|-------------------------------|--|----------------------------|-------------------------------|
| MT-63/ARC-5 | | | MT-69/ARC-5 AN/ARC-5 MOUNTING RACK (1 TRANS): FOR MOUNTING ANY ONE TRANSMITTER OF THE AN/ARC-5 EQUIPMENT. INCLUDES ELECTRICAL CONNECTIONS FOR TRANSMITTER. FITS MOUNTING BASE MT-68/ARC-5. (1 TRANS) EQUIVALENT OF MT-71/ARC-5. | | | MT-77/ARC-5 AN/ARC-5 MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR ANTENNA RELAY UNIT. RE-2/ARC-5 OR CRYSTAL FREQUENCY GENERATOR 0-4/ARC-5. "AN" DESIGNATION FOR NAVY TYPE -29126. | | |
| EQUIVALENT OF *MT-7A/ARR-2. "AN" DESIGNATION FOR NAVY TYPE -46110. | | | 7/1/43 CBY:9306 JULY 43 | | | 7/1/43 CBY:7056 JULY 43 | | CBY:7056-1-B CBY:7977-4-A |
| MT-64/ARC-5 AN/ARC-5 MOUNTING BASE (3 REC): PROVIDES ANTI-SHOCK MOUNTING FOR A THREE UNIT MOUNTING RACK AND ANY THREE RECEIVERS OF THE RAT, RAV, ARA, *AN/ARR-2 OR AN/ARC-5 EQUIPMENTS. "AN" DESIGNATION FOR NAVY TYPE -46150. | | | MT-70/ARC-5 AN/ARC-5 MOUNTING BASE (2 TRANS): PROVIDES ANTI-SHOCK MOUNTING FOR A TWO UNIT MOUNTING RACK AND ANY TWO TRANSMITTERS OF THE ATA OR AN/ARC-5 EQUIPMENTS. (2 TRANS) EQUIVALENT OF MT-68/ARC-5. "AN" DESIGNATION FOR NAVY TYPE -52213. | | | MT-78/ARC-5 AN/ARC-5 MOUNTING PLATE: PROVIDES MOUNTING FOR CONTROL UNIT C-27/ARC-5 OR C-28/ARC-5. | | |
| 7/1/43 CBY:7060 JULY 43 | | CBY:7060-2-B CBY:9064-4-A | 7/1/43 CBY:7062 JULY 43 | | CBY:7062-2-A CBY:7977-4-A | 7/1/43 CBY:9451 JULY 43 | | |
| MT-65/ARC-5 AN/ARC-5 MOUNTING RACK (3 REC): FOR MOUNTING ANY THREE RECEIVERS OF THE RAT, RAV, ARA, *AN/ARR-2 OR AN/ARC-5 EQUIPMENTS. INCLUDES 28 V DC SIDE TONE RELAYS DEADSET SWITCHES AND JACKS, AND ELECTRICAL CONNECTIONS FOR RECEIVERS. FITS MOUNTING BASE MT-64/ARC-5. | | | MT-71/ARC-5 AN/ARC-5 MOUNTING RACK (2 TRANS): FOR MOUNTING ANY TWO TRANSMITTERS OF THE AN/ARC-5 EQUIPMENT. INCLUDES ELECTRICAL CONNECTIONS FOR TRANSMITTERS. FITS MOUNTING BASE MT-70/ARC-5. (2 TRANS) EQUIVALENT OF MT-69/ARC-5. | | | MT-79/ARC-5 AN/ARC-5 MOUNTING PLATE: ADAPTER, PERMITS MOUNTING 1 OR 2 CONTROL UNITS C-27/ARC-5 OR C-28/ARC-5 ON MOUNTING PLATE *MT-4/ARR-2. | | |
| 7/1/43 CBY:7537 JULY 43 | | | 7/1/43 CBY:9307 JULY 43 | | | 7/1/43 CBY: JULY 43 | | |
| MT-65/ARC-5 "AN" DESIGNATION FOR NAVY TYPE -46149. | | | MT-72/ARC-5 AN/ARC-5 MOUNTING BASE (3 TRANS): PROVIDES ANTI-SHOCK MOUNTING FOR A THREE UNIT MOUNTING RACK AND ANY THREE TRANSMITTERS OF THE ATA OR AN/ARC-5 EQUIPMENTS. | | | MT-80/ARC-5 AN/ARC-5 MOUNTING PLATE: PROVIDES MOUNTING FOR TRANSMITTER CONTROL UNITS OF ATA, AN/ARC-4, AN/ARC-5 OR JUNCTION BOX OF AN/ARC-4 ETC. "AN" DESIGNATION FOR NAVY TYPE -10206. | | |
| | | | 7/1/43 CBY:7063 JULY 43 | | | 7/1/43 CBY:7083 JULY 43 | | |
| MT-66/ARC-5 AN/ARC-5 MOUNTING BASE (4 REC): PROVIDES ANTI-SHOCK MOUNTING FOR A FOUR UNIT MOUNTING RACK AND ANY FOUR RECEIVERS OF THE RAT, RAV, ARA, *AN/ARR-2 OR AN/ARC-5 EQUIPMENTS. "AN" DESIGNATION FOR NAVY TYPE -46112. | | | MT-73/ARC-5 AN/ARC-5 MOUNTING RACK (3 TRANS): FOR MOUNTING ANY THREE TRANSMITTERS OF THE AN/ARC-5 EQUIPMENTS. INCLUDES ELECTRICAL CONNECTIONS FOR TRANSMITTERS. FITS MOUNTING BASE MT-72/ARC-5. | | | MT-84/ARC-5 AN/ARC-5 CANCELLED MOUNTING PLATE: CANCELLED & REASSIGNED MT-98/ARC-5. | | |
| 7/1/43 CBY:5696 JULY 43 | | CBY:7390-3-A | 7/1/43 CBY:9593 JULY 43 | | | 7/14/43 SEPT 43 | | |
| MT-67/ARC-5 AN/ARC-5 MOUNTING RACK (4 REC): FOR MOUNTING ANY FOUR RECEIVERS OF THE RAT, RAV, ARA, *AN/ARR-2 OR AN/ARC-5 EQUIPMENTS. INCLUDES 28 V DC SIDE TONE RELAYS, HEADSET SWITCHES AND JACKS, AND CONNECTIONS FOR RECEIVERS. FITS MOUNTING BASE MT-66/ARC-5. "AN" DESIGNATION FOR NAVY TYPE -46111. | | | MT-74/ARC-5 AN/ARC-5 MOUNTING BASE (4 TRANS): PROVIDES ANTI-SHOCK MOUNTING FOR A FOUR UNIT MOUNTING RACK AND ANY FOUR TRANSMITTERS OF THE ATA OR AN/ARC-5 EQUIPMENTS. | | | MT-85/ARC-5 AN/ARC-5 MOUNTING PLATE FOR MOUNTING JUNCTION BOX J-17/ARC-5 IN AIRCRAFT. | | |
| 7/1/43 CBY:5019 AUG. 43 | | | 7/1/43 CBY:7064 JULY 43 | | | 7/15/43 CBY: AUG. 43 | | |
| MT-67/ARC-5 NAVY TYPE -46111. | | | MT-75/ARC-5 AN/ARC-5 MOUNTING RACK (4 TRANS): FOR MOUNTING ANY FOUR TRANSMITTERS OF THE AN/ARC-5 EQUIPMENT. INCLUDES ELECTRICAL CONNECTIONS FOR TRANSMITTERS. FITS MOUNTING BASE MT-74/ARC-5. | | | MT-86/APS-2C AN/APS-2C MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR RADIO TRANSMITTER-CONVERTER RT-4/APS-2 (OR RT-4A/APS-2) & JUNCTION BOX J-18/APS-2C. | | |
| | | | 7/1/43 CBY:9594 JULY 43 | | | 7/15/43 CPR: AUG. 43 | | CPR:248-1729B |
| MT-68/ARC-5 AN/ARC-5 MOUNTING BASE (1 TRANS): PROVIDES ANTI-SHOCK MOUNTING FOR A ONE UNIT MOUNTING RACK AND ANY ONE TRANSMITTER OF THE ATA OR AN/ARC-5 EQUIPMENTS. (1 TRANS) EQUIVALENT OF MT-70/ARC-5. "AN" DESIGNATION FOR NAVY TYPE -52315. | | | MT-76/ARC-5 AN/ARC-5 MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR MODULATORS NAVY TYPE -50083 OR "AN" TYPE MD-7/ARC-5. "AN" DESIGNATION FOR NAVY TYPE -50084. | | | MT-86A/APS-2C AN/APS-2C MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR RADIO TRANSMITTER-CONVERTER RT-4/APS-2 (OR RT-4A/APS-2) & JUNCTION BOX J-18/APS-2C. SAME AS MT-86/APS-2C EXCEPT PROVIDES FOR ATTACHMENT OF MOUNTING BRACKET FOR WAVE GUIDE SUPPORT. | | |
| 7/1/43 CBY:7061 JULY 43 | | | 7/1/43 CBY:7058 JULY 43 | | CBY:7058-2-C | 7/15/43 CPR: OCT. 44 | | CPR:248-1729B |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

Army-Navy Designations

4-85

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|--------------------|-------------------------------|---|--------------------|-------------------------------|
| MT-87/APS-2C AN/APS-2C | | | MT-95/APS-3 AN/APS-3 | | | MT-101/ARC-4 AN/ARC-4 | | |
| MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR ANTENNA ASSEMBLY AS-17/APS. | | | MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR REPEATER INDICATOR ID-19/APS-3 OR PLAN REPEATER INDICATOR ID-30/APS-20. FIVE SNAP SLIDES ARE PROVIDED FOR RIGIDLY FASTENING THE MOUNTING BASE, ALTHOUGH ONLY THREE SNAP SLIDES ARE USED FOR ANY SINGLE INSTALLATION. THREE SHOCK MOUNTS ARE PROVIDED. WEIGHT 1/2 POUND. | | | MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR TRANSMITTER-RECEIVER RT-19/ARC-4. HAS TERMINALS FOR CABLE CONNECTION TO JUNCTION J-23/ARC-4. DIMENSIONS: 22-1/8" X 10-1/2" X 4-1/8". WEIGHING 4 LB. | | |
| 7/15/43 CPR: AUG. 43 | | CPR:248-1708A | 7/19/43 CPR: NOV. 43 | | CPR:5LO-583A & CPR:358-4692C | 7/28/43 CW: D-151298 | | AUG. 43 |
| MT-87A/APS-2C AN/APS-2C | | | MT-96/APS-3 AN/APS-3 | | | MT-102/APS-6 AN/APS-6 | | |
| MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR ANTENNA ASSEMBLY AS-17/APS OR AS-18A/APS SIMILAR TO MT-87/APS-2C EXCEPT INCLUDES A BRACKET FOR WAVE GUIDE SUPPORT. | | | MOUNTING BASE: PROVIDES ANTI-SHOCK HTG. FOR MODULATOR MD-5/APS-3 OR MD-5A/APS-3 BY MEANS OF SIX LORD SHOCK MOUNTS 150 PH12. THE MODULATOR SLIDES INTO THE MOUNTING BASE AND IS FASTENED BY MEANS OF FOUR CLAMPS AND FOUR PILOT PINS. WT. 4 1/2 LBS. | | | MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR MODULATOR MD-9/APS-6. | | |
| 7/15/43 CPR: APR. 44 | | CANCELLED CPR:248-1708A | 7/19/43 CPR: APR. 44 | | CPR:358-3650A | CANCEL AND REPLACED BY MT-96/APS-3 | | |
| MT-90/APS-3 AN/APS-3 | | | MT-97/APS-3 AN/APS-3 RE 9320A | | | MT-103/APS-6 AN/APS-6 | | |
| MOUNTING BASE: PROVIDES RIGID MOUNTING FOR ANTENNA ASSEMBLY AS-12/APS-3 AND TRANSMITTER-CONVERTER RT-10/APS-3. PROVIDES SAME FUNCTION AS MOUNTING BASE MT-91/APS-3 & MT-92/APS-3, BUT HAS A DIFFERENT SHAPE. FOR INSTALLATION IN TYPE TB7-1 AIRCRAFT. | | | MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR AMPLIFIER AM-13/APS-3-TI OR RECTIFIER POWER UNIT PP-45/APS-3-TI OR PP-12/APS-3, OR RECEIVER AMPLIFIER R-18/APS-3 INCLUDES FOUR SHOCK MOUNTS AN-8008-30 (LORD TYPE 150PH12). SAME AS NAVY TYPE CPR-10AAA | | | MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR RECTIFIER PP-16/APS-6. | | |
| 7/19/43 CAMV: AUG. 44 | | CPR:358-4689 | 7/19/43 CPR: JAN. 44 | | CPR:358-3686A COL: D-202-965 | 7/30/43 CAY: AUG. 43 | | |
| MT-91/APS-3 AN/APS-3 | | | MT-98/ARC-5 AN/ARC-5 | | | MT-104/APS-6 AN/APS-6 | | |
| MOUNTING BASE: PROVIDES RIGID MOUNTING FOR ANTENNA ASSEMBLY AS-12/APS-3 AND TRANSMITTER-CONVERTER RT-10/APS-3. PROVIDES SAME FUNCTION AS MOUNTING BASE MT-90/APS-3 & MT-92/APS-3, BUT HAS A DIFFERENT SHAPE. FOR INSTALLATION IN TYPE PV-2 AIRCRAFT. | | | MOUNTING PLATE: FOR MOUNTING ONE CONTROL UNIT C-43/ARC-5, BC-944-A OR -23251. ALSO FOR MAIN CONTROL UNIT C-38/ARC-5. "AN" DESIGNATION FOR MOUNTING FT-222-A. | | | MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR RECEIVER-AMPLIFIER R-35/APS-6. OR R-50/APS-6A. | | |
| 7/19/43 CPR: AUG. 43 | | CPR:358-5250 | 7/19/43 CPR: JAN. 44 | | CPR:358-5765 | CANCELLED REPLACED BY MT-103/APS-6 | | |
| MT-92/APS-3 AN/APS-3 | | | MT-99/ARC-1 AN/ARC-1 | | | MT-105/APS-6 AN/APS-6 | | |
| MOUNTING BASE: PROVIDES RIGID MOUNTING FOR ANTENNA ASSEMBLY AS-12/APS-3 & TRANSMITTER-CONVERTER RT-10/APS-3. PROVIDES SAME FUNCTION AS MOUNTING BASE MT-90/APS-3 AND MT-91/APS-3, BUT HAS A DIFFERENT SHAPE. FOR INSTAL. IN TYPE TB7 & TB8 AIRCRAFT. | | | MOUNTING PLATE PROVIDES RIGID MOUNTING FOR AUDIO OUTPUT BOX C-44/ARC-1. | | | MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR TRANSMITTER-CONVERTER RT-17/APS-6. | | |
| 7/19/43 CPR: JAN. 44 | | CPR:358-5765 | 7/27/43 CW: AUG. 43 | | | 7/30/43 CAY: AUG. 43 | | |
| MT-93/APS-3 AN/APS-3 | | | MT-100/ARC-1 AN/ARC-1 | | | MT-107/AR PP-18/AR | | |
| MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR CONTROL UNIT C-17/APS-3. | | | MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR THE RADIO TRANSMITTER-RECEIVER RT-18/ARC-1. INCLUDES NECESSARY PLUGS AND INTERCONNECTING WIRING FOR CONNECTION OF RT-18/ARC-1 TO ASSOCIATED UNITS. | | | MOUNTING PLATE: PROVIDES RIGID MOUNTING FOR VIBRATOR POWER UNIT PP-18/AR. INCLUDES FOUR SNAP SLIDE STUDS, ONE AT EACH CORNER. DIMENSIONS: 4-13/16" X 7-3/4" X 1/16"; WEIGHING APPROX 0.3 POUNDS. FIRST PURCHASED UNDER NAVY CONTRACT NOAS-798. | | |
| 7/19/43 CPR: APR. 44 | | CPR:5LO-582 | 7/27/43 CW: MAR. 44 | | | 8/5/43 CRF: SEPT 43 | | |
| MT-94/APS-3 AN/APS-3 RE 9320A | | | MT-109/APX-1 AN/APX-1,2 RR:68974 | | | MT-108/APX-1 AN/APX-1,2 RR:68974 | | |
| MOUNTING BASE (ADJUSTABLE): PROVIDES RIGID MOUNTING FOR REPEATER INDICATOR ID-19/APS-3 OR PLAN REPEATER INDICATOR ID-108/APS-15-TI MOUNTING BASE IS HELD BY 3 SNAP SLIDES. PERMITS REPEATER INDICATOR TO TILTED THROUGH AN ELEVATION ANGLE OF APPROXIMATELY 23°. | | | MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR THE RADIO TRANSMITTER-RECEIVER RT-18/ARC-1. INCLUDES NECESSARY PLUGS AND INTERCONNECTING WIRING FOR CONNECTION OF RT-18/ARC-1 TO ASSOCIATED UNITS. | | | MOUNTING BASE: SHOCK ABSORBING TYPE WITH FOUR RUBBER SUPPORTS AN-8008-29 (LORD TYPE 150 PH12) EACH RATED FOR 10 LB LOAD. SIMILAR TO & INTERCHANGEABLE WITH MOUNTING BASE FOR NAVY MODEL ABK EQUIPT. SAME AS MOUNTING BASE MT-111/APN-7 EXCEPT FOR SHOCK MOUNTS | | |
| 7/19/43 CPR: SEPT. 44 | | CPR:5LO-583A & CPR:358-4690A | 7/27/43 CW: MAR. 44 | | | 8/11/43 CHZ: SEPT 43 | | |
| MT-94/APS-3 | | | MT-109/APX-1 AN/APX-1 | | | 8/14/43 CHZ: SEPT 43 | | |
| WEIGHT 1/2 POUND. | | | MOUNTING BASE PROVIDES ANTI-SHOCK MOUNTING FOR THE RADIO TRANSMITTER-RECEIVER RT-18/ARC-1. INCLUDES NECESSARY PLUGS AND INTERCONNECTING WIRING FOR CONNECTION OF RT-18/ARC-1 TO ASSOCIATED UNITS. | | | SECURING PLATE: RIGIDLY MOUNTS CONTROL UNIT C-54/APX-1 & SELECTOR UNIT C-55/APX-1. INCLUDES TWO ANCHOR STUDS & A CLAMPING NUT WHICH FIT MOUNTING BRACKET MT-110/APX-1. | | |
| | | | 7/27/43 CW: MAR. 44 | | | | | |
| | | | | | | | | |

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|-------------------------|-------------------------------|---|---|-------------------------------|
| MT-110/APX-1 AN/APX-1 | | | MT-115/ASQ AN/ASQ SERIES | | | MT-131/APA-15 AN/APA-15 | | |
| MOUNTING BRACKET: MOUNTING IS "I" SHAPED HAVING A HOLE IN EACH OF TWO FEET INTO WHICH ANCHOR STUDS OF SECURING PLATE MT-109/APX-1 MAY BE INSERTED. A SLOT IS PROVIDED IN THE THIRD FOOT TO RECEIVE THE SHANK OF THE CLAMPING NUT, WHICH LOCKS THE CONTROL & 8/14/43 CHZ: SEPT 43 | | | MOUNTING: SPECIAL SHOCK MOUNTING FOR THE ESTERLINE-ANGUS RECORDER. SUPPORTS THE RECORDER RD-4/ASQ AT ITS CENTER OF GRAVITY | 9/3/43 CW: SEPT 43 | | MOUNTING BASE: PROVIDES RIGID MOUNTING FOR SERVO AMPLIFIER AM-21/APA-15 AND GYRO TORQUE UNIT CN-5/APA-15. BOLTS TO SUPPORT ARMS OF ANTENNA ASSEMBLY WAS-17A/APS OR AS-18A/APS. | 9/25/43 CPO: SEPT 43 | |
| MT-110/APX-1 | | | MT-123/APS-15 AN/APS-15 | | | MT-132/APS-2 AN/APS-2 | | |
| SELECTOR UNIT ASSEMBLY IN PLACE. | | | MOUNTING BASE: PROVIDES RIGID MOUNTING FOR CONTROL UNIT C-33/APS-15 AND COMPUTER CP-3/APS-15 WHICH ARE SECURED BY MEANS OF SNAP SLIDE STUDS. | 9/1/43 CPR: SEPT 43 | | MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR RECEIVER-INDICATOR R-7/APS-2 OR R-16/APS-15 OR R-49/APS-2F WHICH IS SECURED BY MEANS OF SNAP SLIDES. MOUNTING MAY ALSO BE USED FOR NAVY TYPE -46 ABT RECEIVER-INDICATOR. INCLUDES 4 SHOCK MOUNTS | 10/14/43 NOV. 43 | |
| MT-111/APN-7 AN/APN-7 | | | MT-124/APS-15 AN/APS-15 | | | AN-8008-33 | | MT-132/APS-2 |
| MOUNTING BASE: SHOCK ABSORBING TYPE WITH 4 RUBBER SUPPORTS 2 TYPE 150-PH-8 LORD SHOCKMOUNTS ON THE LEFT SIDE AND 2 TYPE 150-PH-10 ON THE RIGHT SIDE. SAME AS MOUNTING BASE MT-108/APX-1 & MOUNTING BASE OF NAVY MODEL ABK EQUIPMENT EXCEPT FOR 8/17/43 CPR: 358-5164 FEB. 44 | | | MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR RECEIVER-INDICATOR R-16/APS-15 INCLUDES 6 SHOCK MOUNTS. TWO AN-8008-32 (LORD TYPE 200 PH 15) IN THE FRONT, TWO AN-8008-31 (LORD TYPE 200 PH 10) IN THE MIDDLE. AME 9/7/43 CPR: OCT. 43 | | | (LORD TYPE 200PH20) ONE IN EACH CORNER. SAME AS MOUNTING BASE MT-16/APS-2 EXCEPT OMTS CENTER SHOCK MOUNTS. | | |
| SHOCKMOUNTS. | | | MT-124/APS-15 | | | MT-133/ASA-1 AN/ASA-1 R:F641-2 | | |
| MT-111/APN-7 | | | TWO AN-8008-32 IN THE BACK. SAME AS MOUNTING BASE MT-16/APS-2 EXCEPT FOR LOAD RATING OF SHOCK MOUNTS. INTERCHANGEABLE WITH MOUNTING BASE MT-132/APS-2 WHERE FACILITIES ARE AVAILABLE FOR CENTER MOUNTS. | | | MOUNTING BRACKET: A FLUSH TYPE BRACKET FOR MOUNTING STATIC DISCHARGER MX-43/ASA-1 ON AIRCRAFT BY MEANS OF A CLAMPING ARRANGEMENT. | 10/6/43 CQA: OCT. 43 | |
| MT-112/APN SA-5/APN | | | MT-125/ARN-9 AN/ARN-9 | | | MT-134/ASA-1A AN/ASA-1A RA:F641-3 | | |
| MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR SELECTOR SWITCH SA-5/APN OR SA-6/APN. INCLUDES FOUR SHOCK MOUNTS PER AN-8008-22 (LORD TYPE 100 PH2). DIMENSIONS: 11 29/32" X 7 29/32" X 13/16"; WEIGHT: 9 1/2 OZ. FIRST PURCHASED UNDER CONTRACT 8/19/43 CAU: H 77178 ASSY 5 NOV. 45 | | | MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR NAVY TYPE -46120 GLIDE PATH RECEIVER OR RECEIVER-CONVERTER R-43/ARN-9. | 9/4/43 CDE: SEPT 43 | CDE:81929A | MOUNTING BRACKET: A "U" SHAPED BRACKET FOR MOUNTING STATIC DISCHARGER MX-43/ASA-1 ON ROUNDED SURFACES OF AIRCRAFT BY MEANS OF A CLAMPING ARRANGEMENT. | 10/6/43 CQA: OCT. 43 | |
| MT-112/APN | | | MT-126/ARN-9 AN/ARN-9 | | | MT-140/APS-3 AN/APS-3 | | |
| NX8a-33815. | | | MOUNTING PLATE: PROVIDES RIGID MOUNTING FOR NAVY TYPE -30598 IMPEDANCE ADAPTER OR CONTROL UNIT C-62/ARN-9. | 9/4/43 CDE: SEPT 43 | CDE:81919A | MOUNTING BASE: USED TO MOUNT AS-12/APS-3 AND RT-10/APS-3 FOR INSTALLATION IN P8N., PBV-5, PBV, A-30-C & PBJ AIRCRAFT. | 10/15/43 NAF:600169 CS: AUG. 44 CALY: CPR: | |
| MT-113/APS-4 AN/APS-4 | | | MT-129/ARN-9 AN/ARN-9 | | | MT-141/APR-1 AN/APR-1 | | |
| MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR INDICATOR AMPLIFIER AM-5/APS-4. INCLUDES FOUR PLATE TYPE SHOCK MOUNTS PER AN-8008. ALSO INCLUDES FOUR NO. 164-32 SCREWS & 8 WASHERS FOR FASTENING TO INDICATOR AMPLIFIER AM-5/APS-4 WT. .62 LBS. 8/20/43 CW:0-151727 CM:80-11636 JAN. 45 80-13333 | | | MOUNTING PLATE: PROVIDES RIGID MOUNTING FOR TEST OSCILLATOR TS-72/ARN-9. | 9/14/43 CDE: SEPT 43 | | CONSISTS OF A 4MT-52/UR WITH 12# SHOCK MOUNTS AFT AND 10# SHOCK MOUNTS FORWARD. ALSO THE FRONT RIGHT LOCKING NUT HAS BEEN EXTENDED IN LENGTH AND INCREASED IN SCREW SIZE. | 10/15/43 OCT. 43 | |
| MT-114/APT-1 AN/APT-1 | | | MT-130/ASQ-1 AN/ASQ-1 | | | MT-141A/APR-1 AN/APR-1 | | |
| MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR CONTROL UNIT C-58/APT-1. OVERALL DIMENSIONS 5" X 5-5/8" X 1-1/8". INCLUDES FOUR SHOCK MOUNTS WITH SNAP SLIDE STUDS. | | | MOUNTING BASE: SPECIAL SHOCK MOUNTING FOR RD-1/ASQ-1 SO THAT THE RECORDER IS SUPPORTED AT ITS CENTER OF GRAVITY. TO INCLUDE SHOCK MOUNTS. | 9/24/43 CLU: SEPT 43 | | CONSISTS OF A 4MT-52/UR WITH 6-12 LBS VARIABLE SHOCKMOUNTS FRONT AND REAR. RIGHT FRONT LOCKING SCREW AND THUMB NUT ARE INCREASED IN LENGTH AND DIAMETER. SIMILAR TO MT-171/U EXCEPT DIFFERS IN THE CENTERING & RATING OF SHOCKMOUNTS. | 5/9/44 CVE: MAY 44 | |
| 8/20/43 CGM: CGM:7250255 SEPT 43 REV 0 | | | | | | | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|---|-----------------------|-------------------------------|--|-----------------------|--------------------|--|
| | | MT-141A/APR-1 MADE BY VENDO CORPORATION KANSAS CITY, MISSOURI OR EQUAL. SIMILAR TO MT-141/APR-1 EXCEPT FOR TYPE OF SHOCK MOUNTS. | | | MT-159/ARC-5 AN/ARC-5 MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR ANTENNA LOADING COIL TM-6/ARC-5. SIZE APPROX: 8 3/4" BY 5 9/16" BY 5". | | | MT-163/ART-13 FOR MOUNTING TO PLANE. |
| | | | | 11/25/43 CBY: DEC. 43 7057 | | | | |
| | | MT-142/ARN-T1 AN/ARN-T1 MOUNTING FRAME: CONSISTS OF A COLLAPSIBLE METAL FRAME-WORK FOR MOUNTING DIRECTION FINDER SIMULATOR CV-5/ARN-T1, RADIO BEACON SIMULATOR CV-6/ARN-T1, ETC. | | | MT-160/SPR-1 AN/SPR-1 MOUNTING BASE: CONSISTS OF A #MT-52/UR TO WHICH HAS BEEN ADDED FOUR 40# SHOCKMOUNTS FORE AND AFT AND WHICH HAS BEEN MODIFIED IN THAT FRONT RIGHT LOCKING NUT IS EXTENDED IN LENGTH AND INCREASED IN SCREW SIZE. SAME AS MT-141/APR-1 EXCEPT FOR SHOCKMOUNT | | | MT-164/ART-13 AN/ART-13 MOUNTING PLATE: PROVIDES MOUNTING FOR DYNAMOTOR UNIT DY-11/ART-13, OR DY-12/ART-13 OR DY-12A/ART-13. CONSISTS OF A PLATE 7" X 11 3/32" X 1 15/64" WITH FIFTY THREE 1/2" HOLES & FOUR 13/64" DIAM HOLES FOR MOUNTING BASE TO PLANE. |
| | | 10/21/43 CAET: OCT. 43 | | | 11/27/43 CCG: NOV. 43 | | | 12/7/43 COL: AUG. 44 |
| | | MT-145/ASQ-3 AN/ASQ-3 MOUNTING BASE: PROVIDES MOUNTING FOR DYHAMOTOR ASSEMBLY DY-6/ASQ-3 SECURED BY MEANS OF CLAMPS TO DYHAMOTOR CASE WHICH MAY BE EASILY REMOVED. SHOCKMOUNTS ARE NOT PROVIDED WITH THE MOUNTING AS THEY ARE PROVIDED WITH DYHAMOTOR ASSEMBLY DY-6/ASQ-3 APPROX. | | | MT-160/SPR-1 RATING. | | | MT-165/U MOUNTING BASE: A SHOCK MOUNTING OF 1/2 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #5150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 8 TO 8 1/2/44 SC-D-10382-B |
| | | 10/25/43 CW: OCT. 43 | | | | | | DEC. 44 |
| | | MT-145/ASQ-3 SIZE 13 1/2" X 10". | | | MT-161/ART-13 AN/ART-13 MOUNTING BASE: CONSISTS OF A PAIR OF TWO IDENTICAL MOUNTING TRACKS REQUIRED FOR MOUNTING RADIO TRANSMITTER T-47/ART-13. DIMENSIONS: 2" WIDE X 12 3/4" LONG. MOUNTING TRACK IS ENGAGED BY A SHOCKMOUNTED SLIDE ON BOTTOM OF RADIO TRANSMITTER | | | MT-165/U 16 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 9 5/8" X 5". WEIGHT: APPROX. 1 3/4 LBS. |
| | | | | 12/7/43 COL: JAN. 44 | | | | 12/7/43 COL: COL:K-351-E |
| | | MT-146/ASQ-3A AN/ASQ-3A MOUNTING BASE: PROVIDES MOUNTING FOR CONTROL UNIT C-63/ASQ-3A WHICH IS SECURED BY MEANS OF CLAMPS & IS EASILY REMOVABLE. SHOCKMOUNTS ARE NOT PROVIDED AS THEY ARE PROVIDED WITH THE CASE OF CONTROL UNIT C-63/ASQ-3A | | | MT-161/ART-13 T-47/ART-13. TRANSMITTER IS LOCKED IN PLACE ON TRACK BY THUMB NUTS. TWO TRACKS REQUIRED PER TRANSMITTER INSTALLATION. | | | MT-166/U MOUNTING BASE: A SHOCK MOUNTING OF 1/2 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #5150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 |
| | | 10/25/43 CW: OCT. 43 | | | | | | 8 1/2/44 SC-D-10382-B DEC. 44 |
| | | MT-148/APN-7 AN/APN-7 MOUNTING RACK: ALUMINUM FRAME FOR MOUNTING CODER KY-3/APN-7 CONTAINS TWO 4 LB. AND TWO 6 LB. LORD SHOCK MOUNTS & IS SIMILAR TO NRL STANDARD RACK RA-IDF-285 EXCEPT THAT IT IS SHORTER THAN THE STANDARD LENGTH. WEIGHS 1.5 LBS. | | | MT-162/ART-13 AN/ART-13 MOUNTING PLATE: PROVIDES MOUNTING FOR ANTENNA LOADING COIL CU-26/ART-13. INCLUDES FOUR BOLT HOLES TO PASS 8-32 BOLTS & FOUR TAPPED HOLES FOR 8-32. DIMENSIONS OF PLATE: 6 1/4" X 6 7/8" X 1/16". INCLUDES NECESSARY HARDWARE FOR MOUNTING PLATE | | | MT-166/U TO 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 15 5/8" X 5". WEIGHT: APPROX. 2 LBS. |
| | | 12/22/43 CPR: DEC. 43 | | | 12/1/45 COL: AUG. 44 | | | 12/1/45 COL: COL:K412-B |
| | | MT-152/APS-15 AN/APS-15 MOUNTING BASE: ANTI-SHOCK TYPE, MODIFIED "1/2 UNIT ATR" RACK. WITH DIMENSIONS IN ACCORDANCE WITH NAVY DRAWINGS RA 10F 285 SAME AS #MT-51/UR EXCEPT FOR BULGE IN SIDE TO CLEAR BLOWER UNIT OF RANGE UNIT CP-5/APS-15 AND SCREWS IN FRONT OF RACK | | | MT-162/ART-13 TO UNIT. | | | MT-167/U MOUNTING BASE: A SHOCK MOUNTING OF 1/2 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #5150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 |
| | | 11/12/43 CPR: DEC. 43 | | | | | | 8 1/2/44 SC-D-10382-B DEC. 44 |
| | | MT-152/APS-15 HOLDING KHURLED NUTS ARE LONGER AND EXTEND BEYOND THE NUTS. PART OF AN/APS-15. CANCELLED | | | MT-163/ART-13 AN/ART-13 MOUNTING PLATE: PROVIDES MOUNTING FOR PILOT'S CONTROL UNIT C-87/ART-13. CONSISTS OF PLATE 3 5/8" X 5 1/8" X 1/16" WITH LARGE HOLE (APPROXIMATELY 2 3/4" IN DIAMETER) IN THE CENTER. HAS 4 8-32 RIVET NUTS FOR MOUNTING TO C-87/ART-13 AND 4 BOLT HOLES | | | MT-167/U TO 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 19 5/8" X 5". WEIGHT: APPROX 2 1/4 LBS. |
| | | | | | 12/7/43 COL: OCT. 44 | | | 12/7/43 COL: COL:500427400A |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

MT-168/U
 MOUNTING BASE:
 A SHOCK MOUNTING OF 1 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #5150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 8/25/44 SC-D-10382-B
 DEC. 44

MT-168/U
 TO 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 9 5/8" X 10 1/4". WEIGHT: APPROX 2 1/2 LBS.

MT-169/U
 MOUNTING BASE:
 A SHOCK MOUNTING OF 1 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #5150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 8/25/44 SC-D-10382-B
 DEC. 44

MT-169/U
 TO 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 12 5/8" X 10 1/4". WEIGHT: APPROX 2 3/4 LBS.

MT-170/U
 MOUNTING BASE:
 A SHOCK MOUNTING OF 1 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #5150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 8/25/44 SC-D-10382-B
 DEC. 44

MT-170/U
 TO 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 15 5/8" X 10 1/4". WEIGHT: APPROX 3 LBS.

MT-170A/U
 MOUNTING BASE:
 A SHOCK MOUNTING OF 1 SAR UNIT WIDTH. CONSISTS OF A RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES AND 4 COMPRESSION TYPE ROBINSON SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF FROM 16 TO 27/12/45
 MAR. 45

MT-170A/U
 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. SAME AS MOUNTING BASE MT-170/U EXCEPT SUBSTITUTES ROBINSON FOR U. S. RUBBER SHOCK MOUNTS. DIMENSIONS: 15 5/8" X 10 1/4". WEIGHT: APPROX 3 LBS.

MT-171/U
 MOUNTING BASE:
 A SHOCK MOUNTING OF 1 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #5150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 8/25/44 SC-D-10382-B
 DEC. 44

MT-171/U
 TO 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 19 5/8" X 10 1/4". WEIGHT: APPROX 3 1/4 LBS.

MT-171A/U
 MOUNTING BASE:
 A SHOCK MOUNTING OF 1 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND ROBINSON SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 25 TO 50 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 19 5/8" X 10 1/8". WEIGHT: APPROX 3 1/4 LBS.
 DEC. 44

MT-171A/U
 BRATION CHARACTERISTICS. DIMENSIONS: 19 5/8" X 10 1/8". WEIGHT: APPROX 3 1/4 LBS.

MT-172/U
 MOUNTING BASE:
 A SHOCK MOUNTING OF 1 1/2 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #5150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 8/25/44 SC-D-10382-B
 DEC. 44

MT-172/U
 TO 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 15 5/8" X 15 1/2". WEIGHT: APPROX 4 1/4 LBS.

MT-173/U
 MOUNTING BASE:
 A SHOCK MOUNTING OF 1 1/2 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #5150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 8/25/44 SC-D-10382-B
 DEC. 44

MT-173/U
 TO 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 19 5/8" X 15 1/2". WEIGHT: APPROX 4 3/4 LBS.

MT-173A/U
 MOUNTING BASE:
 A SHOCK MOUNTING OF 1 1/2 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND ROBINSON SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 40 TO 80 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 19 5/8" X 15 1/2". WEIGHT: APPROX 4 3/4 LBS.
 DEC. 44

MT-173A/U
 BRATION CHARACTERISTICS. DIMENSIONS: 19 5/8" X 15 1/2". WEIGHT: APPROX 4 3/4 LBS.

MT-174/APS-2F AN/APS-2F
 MOUNTING BASE:
 PROVIDES MOUNTING FOR CONTROL UNIT C-73/APS-2F WHICH IS FASTENED BY MEANS OF SNAP SLIDES. SIZE APPROX: 8 1/2" X 9 5/8" X 1 1/4".
 CRR: AR96215-1
 JAN. 44

12/14/43 CPR: DEC. 43 CRR: SL0991

MT-177/MPN-1A AN/MPN-1A
 MOUNTING RACK:
 CONSISTS OF WELDED ALUMINUM FRAME COMPOSED OF SIX SEPARATE VERTICAL BAYS BOLTED TOGETHER AND SHOCKMOUNTED AT THE BOTTOM & REAR TO THE TRAILER BODY. HORIZONTAL CROSS-MEMBERS FORM SEPARATE COMPARTMENTS INTO WHICH THE VARIOUS COMPONENTS ARE MOUNTED. ENTIRE RACK IS ENCLOSED AND COOLED BY FORCED VENTILATION. DIMENSIONS: 6" X 11'-6" X 16". SIMILAR TO BUT NOT INTERCHANGEABLE WITH INDICATOR RACK MT-118/MPN-1.
 CRR: AR96215-1
 JAN. 44

MT-177/MPN-1A
 COMPONENTS ARE MOUNTED. ENTIRE RACK IS ENCLOSED AND COOLED BY FORCED VENTILATION. DIMENSIONS: 6" X 11'-6" X 16". SIMILAR TO BUT NOT INTERCHANGEABLE WITH INDICATOR RACK MT-118/MPN-1.

MT-178/MPN-1A AN/MPN-1A
 MOUNTING RACK:
 CONSISTS OF A WELDED ALUMINUM FRAME ASSEMBLY COMPOSED OF THREE VERTICAL BAYS BOLTED TOGETHER AND SHOCKMOUNTED TO THE FLOOR AND REAR WALL OF THE TRAILER. RACK IS TOTALLY ENCLOSED & COOLED BY FORCED VENTILATION. DIMENSIONS 5' X 6' X 17/5/44
 CRR: AR96214-1
 JAN. 44

MT-178/MPN-1A
 20". MOUNTS TRANSMITTER-CONVERTERS, RADAR RECEIVERS, CONTROL PANEL, MODULATORS, TRANSMITTER HV POWER SUPPLY & SYNCHROSCOPE. SIMILAR TO BUT NOT INTERCHANGEABLE WITH TRANSMITTER RACK MT-119/MPN-1.

MT-179/MPN-1A AN/MPN-1A
 MOUNTING RACK:
 CONSISTS OF A WELDED ALUMINUM FRAME COMPOSED OF TWO VERTICAL BAYS BOLTED TOGETHER & SHOCKMOUNTED TO THE FLOOR & SIDEWALL OF THE TRAILER. UNIT IS TOTALLY ENCLOSED & COOLED BY FORCED VENTILATION. MOUNTS TRANSMITTER T-47/ART-13 & POWER SUPPLY. DIMENSIONS: 5' X 6' X 17/5/44
 CRR: AR96216-1
 JAN. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-89

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

MT-179/MPN-1A
SUPPLY FOR SCR 522, SCR 274 & AN/ART-13. SIMILAR TO BUT NOT INTERCHANGEABLE WITH MT-121/MPN-1.

MT-180/MPN-1A AN/MPN-1A
SEARCH ANTENNA MOUNT: RESTRICTED THIS UNIT IS THE BEARING & MOUNT FOR THE SEARCH ANTENNA SYSTEM. IT INCLUDES THE MOTOR & GEARING NECESSARY TO PROVIDE THE PROPER ROTATION OF THE ANTENNA, & THE MOUNTING BASE FOR THE ANTENNA & MEANS FOR TRANSMITTING ANTENNA POSITION DATA
1/5/44 CRR: CRR:AN-91805-1
JAN. 44

MT-180/MPN-1A
TO THE SEARCH INDICATOR ID-54/MPN-1A. POWER INPUT: 117 VOLTS A-C. DIMENSIONS: 48" X 30" X 24". SIMILAR TO BUT NOT INTERCHANGEABLE WITH SEARCH ANTENNA MOUNT MT-122/MPN-1.

MT-189/UPM-1 AN/UPM-1
CONSOLE RACK: CONFIDENTIAL PROVIDES MOUNTING FOR OSCILLATOR O-12/UPM-1 & O-13/UPM-1 & WAVEMETER TS-133/UPM-1 & TS-134/UPM-1. INCLUDES SCORPE WITH ASSOCIATED AMPLIFIER CIRCUITS, MODULATING CIRCUITS, RECTIFIER POWER UNIT, TIMING CIRCUIT ETC. NECESSARY FOR
1/24/44 CHC:
MAR. 45

MT-189/UPM-1
COORDINATING THE FUNCTIONS OF THE VARIOUS UNITS MOUNTED THEREIN. INCLUDES STORAGE SPACE FOR DIODE HEAD CV-11/UPM-1 VOLTAGE TESTER TS-135/UPM-1 AND ACCESSORIES.

MT-190/UPM-1 AN/UPM-1
MOUNTING BASE: PROVIDES SHOCKMOUNTING FOR CONSOLE RACK MT-189/UPM-1. MOUNTED ON FOUR LORD SHOCKMOUNTS ONE AT EACH CORNER.

1/24/44 CHC:
MAR. 45

MT-201/AR AN/ARD-3
MOUNTING BASE: PROVIDES RIGID MOUNTING FOR DYNAMOTOR UNIT DY-18/AR. INCLUDES SNAP-SLIDE FASTENERS FOR QUICK REMOVABILITY & REPLACEMENT OF UNITS. SAME AS ARMY TYPE FT-141

2/7/44 CAKS:
FEB. 44

MT-202/U GENERAL USE BUAE
MOUNTING RACK E 300 MOUNTING FRAME FOR BENCH TESTING AIRBORNE RADAR EQUIPMENT: CONSISTS OF -20" LENGTHS OF 1 1/8" X 1/8"-90° ANGLE TEE, 4-48" LENGTHS OF 1 1/8" X 1 1/8" X 1/8" 90° ANGLE STEEL, PLUS REINFORCING PLATES, BOLTS AND NUTS. THIS IS IN A
-8-44
EB. 44

MT-202/U
KIT FORM AND WHEN ASSEMBLED PROVIDES A SQUARE FRAME RACK 48" X 20" X 20" SUITABLE FOR MOUNTING AIRCRAFT TYPE RADAR SYSTEMS IN AN APPROPRIATE MANNER TO FACILITATE BENCH TESTING OF SUCH RADAR EQUIPMENTS.

MT-208/APA-16 AN/APA-16
MOUNTING BASE: SHOCKMOUNTING TO PROVIDE FLEXIBLE MOUNTING FOR VIBRATION ABSORPTION FOR RANGE MARKER UNIT SN-12/APA-16. ROBINSON AVIATION CORP. TYPE W 348.

2/21/44 CAIK:W 348
MAY 44

MT-209/APA-16 AN/APA-16
MOUNTING PLATE: PROVIDES MOUNTING FOR CONTROL UNIT C-106/APA-16. DOES NOT INCLUDE SHOCKMOUNT BUT IS PROVIDED WITH PROVISIONS FOR SNAP SLIDE ATTACHMENT TO CONTROL UNIT C-106/APA-16.

2/21/44 CW:80411953 CW:80-411953
MAY 44

MT-210/APA-16 AN/APA-16
MOUNTING PLATE: PROVIDES MOUNTING FOR CAPACITOR UNIT MX-139/APA-16. DOES NOT INCLUDE SHOCK MOUNTS BUT IS PROVIDED WITH PROVISIONS FOR SNAP SLIDE ATTACHMENT TO CAPACITOR UNIT MX-139/APA-16.

2/21/44 CW:BP-412532 CW:BP-412532
MAY 44

MT-217/APS-2G AN/APS-2G
MOUNTING PLATE: ALUMINUM PLATE WHICH PROVIDES SHOCK MOUNTING FOR ANTENNA ASSEMBLY AS-17A/APS AND TRANSMITTER T-64/APS-2G. INCLUDES THREE SHOCKMOUNTS. SIZE APPROX. 2 1/4" X 24 3/8" X 24 1/2".

2/29/44 CPR:2587725
MAR. 44

MT-218/ASQ-3 AN/ASQ-3
MOUNTING: RESTRICTED MOUNTING DEVICE - TO MOUNT DT-2/ASQ-3 UNIT IN TOW HOUSING PROVIDING A GIMBAL MECHANISM FOR SUPPORTING DT-2/ASQ-3.

CANCELLED 4/20/44

2/24/44 CW: CW:D169511
APR. 44

MT-219/ASQ AIRBORNE
MOUNTING RACK: RESTRICTED MOUNTING RACK USED TO BULKHEAD MOUNT THE RD-4/ASQ. THIS UNIT IS A MODIFIED MT-115/ASQ TO PROVIDE BULKHEAD MOUNTING INSTEAD OF DESK MOUNTING. THIS UNIT IS NOT INTERCHANGEABLE WITH MT-115/ASQ.

2/24/44 CW:
MAR. 44

MT-220/A AIRCRAFT BUAE E P-133
PANEL: DESIGNED TO MOUNT IN PANEL OF AIRCRAFT SIZE 3 3/8" X 6". PROVIDES MOUNTING FOR ALTITUDE LIMIT INDICATOR SWITCH SA-1/ARN-1 PER BUAE DWG. 980-SK.

3/8/44
MAR. 44

MT-223/APS-15 AN/APS-15
MOUNTING BASE: MOUNTING BASE FOR COMPUTER CP-3/APS-15. OVERALL DIMENSIONS APPROX. 11/16" X 8 1/2" X 9 5/8". WT. 0.6 LBS.

3/17/44 CPR: CPR:5L01161
MAR. 44

MT-230/ARC AN/ARC-1 & 4A
MOUNTING BASE: MOUNTING BASE FOR RADIO TRANSMITTER-RECEIVER RT-18/ARC-1 OR RT-19/ARC-4A. THIS UNIT WILL BE IDENTICALLY THE SAME AS MT-100/ARC-1 EXCEPT LESS WIRING HARNESS AND PLUGS. WT. =3.8 LBS.

3/17/44 CW: KS-10213 BX-41469
APR. 45

MT-230A/ARC
MOUNTING BASE: PROVIDES SHOCK MOUNTING FOR RADIO TRANSMITTER-RECEIVER RT-18/ARC-1 OR RT-19/ARC-4 WHEN USED WITH WIRING HARNESS CX-181/ARC-1 OR CX-182/ARC-4 RESPECTIVELY. SAME AS MT-230/ARC EXCEPT FOR GREATER ABILITY TO
10/11/44 CAIK: CW:
OCT. 44 CAT:

MT-230A/ARC
RESIST SHOCK AND GREATER FASTENING SECURITY DURING CONDITIONS OF FLIGHT. HAS DIFFERENT ORIENTATION OF MOUNTING HOLES. WEIGHT INCREASED .3 LB. TO 4.75 LB. TOTAL. FIRST PROCURED ON CONTRACTS NLSa-55616 AND -55620

MT-239/APA-5 AN/APA-5
MOUNTING: FLAT PLATE MOUNTING WITH SNAP SLIDES FOR HOLDING JUNCTION BOX J-48/APA-5. AND FOUR CLEARANCE HOLES FOR #10 SCREWS FOR MOUNTING. DIMENSIONS 8" X 10" X 1/8". USED FOR MOUNTING JUNCTION BOX J-48/APA-5
3/28/44 CFN: CFN:ML-301027
FEB. 45

MT-240/APA-22 AN/APA-22
MOUNTING BASE: PLYWOOD MOUNTING WHICH PROVIDES MOUNTING PROVISIONS FOR TRANSMITTER CONVERTER OF AN/APS-2 SERIES EQUIPMENT AND AN/APA-22 IN PB4Y-1 INSTALLATIONS. SIZE 15 1/2" X 22 3/4" X 1" WT. 6 1/2 LB.

CAKX: CAKX: CAKX-12-590
JUN. 44

MT-241/APA-5 AN/APA-5
MOUNTING STANDARD 1 ATR MOUNTING HAVING FOUR SHOCK MOUNTS. UNIT IS FASTENED TO MOUNTING BY MEANS OF PINS I.E. REAR AND SECURED BY KNURLED NUTS IN FRONT. DIMENSIONS: 2 1/2" X 2 1/2". USED FOR MOUNTING SYNCHRONIZER SN-9/APA-5 & RECTIFIER
3/28/44 CFN: CFN:300833
FEB. 45

PP-58/APA-5. MT-241/APA-5

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|-------------------------|-------------------------------|---|--------------------------|-------------------------------|---|------------------------|-------------------------------|
| MT-242/APA-5 AN/APA-5 | | | MT-254/U AN/APG-6 | | | MT-261/AP GEN USE | | |
| MOUNTING: AN IRREGULARLY SHAPED PLATE CLOSELY APPROXIMATING AN ISOSCELES TRIANGLE WITH THREE SHOCK MOUNTS, CONTAINING UNITED CARR TYPE LOCK FASTENERS FOR SUSPENDING INDICATOR ID-50/APA-5. MOUNTING PLATE SUSPENDED BY SWIVEL JOINT PROVIDING | 3/28/44 CFN: FEB. 45 | CFN:300904 | MOUNTING BASE: PROVIDES ANTI-SHOCK MOUNTING FOR TRANSMITTER RECEIVER OF AN/APG-6 EQUIPMENT. CENTER OF GRAVITY SUSPENSION TYPE. DIMENSIONS, EXCLUSIVE OF SPRING RETAINING PINS ARE 15 13/16" LONG X 15 5/8" WIDE X 1 1/2" HIGH. MOUNTING HOLES ARE LOCATED | 4/13/44 CQC: APR. 44 | | 10/3/44 OCT. 44 | | |
| MT-242/APA-5 | | | MT-254/U | | | MT-264/APS-15B AN/APS-15B | | |
| ROTATION OF INDICATOR ID-50/APA-5 ABOUT BOTH A HORIZONTAL AND VERTICAL AXIS. DIMENSIONS: 8" X 5" X 1/8". USED FOR MOUNTING INDICATOR ID-50/APA-5. | | | 5 3/32" FROM EACH SIDE OF LONGITUDINAL CENTER LINE AND 6 5/16" FROM EACH SIDE OF THE LATERAL CENTER LINE. WT. ABOUT 3 LBS. BUILT ACCORDING TO SIGNAL CORPS D'WG-SC-D-10382B. TYPE MT-172/U WITH EXCEPTION OF LOCATION OF MOUNTING HOLES. CONTRACT NXS 39220. | | | MOUNTING BASE: ALUMINUM PLATE WHICH PROVIDES SHOCKMOUNTING FOR ANTENNA ASSEMBLY AS-18A/APS AND TRANSMITTER-CONVERTER RT-59/APS-15B. SIMILAR TO MT-217/APS-2G EXCEPT HAS ADDITIONAL HOLES. SIZE APPROX. 2 1/4" X 24 3/8" X 24 1/2". | 5/12/44 CPR: MAY 44 | CPR:258-B505 |
| MT-243/APA-5 AN/APA-5 | | | MT-257/SPT-6 AN/SPT-6 | | | MT-270/APA-30 AN/APA-30 | | |
| MOUNTING: AN STEEL WALL TYPE MOUNTING WITH TRIANGULAR BRACKETS PROJECTING FROM EITHER END, EACH BRACKET EQUIPPED WITH TWO SHOCK MOUNTINGS FOR SUPPORTING CONTROL BOX C-89/APA-5, WHICH IS ATTACHED BY MEANS OF FOUR SHAP SLIDES. DIMENSIONS: | 3/29/44 CFN: MAR. 45 | CFN:301055 | MOUNTING RACK: METAL RACK WHICH PROVIDES MOUNTING AND HOUSING FOR RADAR TRANSMITTER T-78/SPT-6 AND RECTIFIER POWER UNIT PP-92/SPT-6. CONTAINS 4 L.N. BARRY SHOCKMOUNTS. SIZE APPROX: 21" IN DEPTH, 12" WIDE X 20" HIGH. | 4/22/44 CKV: APR. 44 | | MOUNTING BASE: PROVIDES SHOCKMOUNTING FOR RANGE MARK GENERATOR TD-1/APA-30. INCLUDES 4 SHOCKMOUNTS AT THE FOUR CORNERS. | 5/20/44 MAY 44 | |
| MT-243/APA-5 | | | MT-257A/SPT-6 AN/SPT-6A | | | MT-271/APA-30 AN/APA-30 | | |
| 20 3/8" X 5 1/2" X 7 3/8". USED FOR MOUNTING CONTROL BOX C-89/APA-5. | | | MOUNTING RACK: METAL RACK WHICH PROVIDES MOUNTING AND HOUSING FOR RADAR TRANSMITTER T-78/SPT-6 OR T-78A/SPT-6 AND RECTIFIER POWER UNIT PP-92/SPT-6 OR PP-92A/SPT-6. CONTAINS 4 L.N. BARRY SHOCKMOUNTS. SIZE APPROX: 21" IN DEPTH, 12" WIDE X 20" HIGH. SIMILAR | 12/28/44 CKV: DEC. 44 | | MOUNTING PLATE: MOUNTING PLATE TO PROVIDE RIGID MOUNTING FOR CONTROL UNIT C-148/APA-30. FASTENS BY SNAP SLIDES. APPROX. SIZE 6 1/2" X 6". | 5/20/44 MAY 44 | |
| MT-244/APA-5 AN/APA-5 | | | MT-257A/SPT-6 | | | MT-278/ARC-13 AN/ARC-13 | | |
| MOUNTING: ALUMINUM. FLAT PLATE MOUNTING WITH THREE SNAP SLIDE STUDS AND FOUR MOUNTING HOLES FOR #10 FLATHEAD SCREWS. DIMENSIONS: 6 1/2" X 4 1/2" X 1/8". USED FOR MOUNTING RANGE TRACKING UNIT C-92/APA-5. | 3/29/44 CFN: FEB. 45 | CFN:301054 | TO MT-257/SPT-6 EXCEPT HAS DRIP PROOF OPENING IN REAR & TOP AND IS OF STURDIER CONSTRUCTION. | | | MOUNTING BASE: ONE AND ONE HALF ATR SIZE (4 1/2" X 16 1/2" X 22 1/2") FOR MOUNTING TRANSMITTER RECEIVER RT-62/ARC-13 OR EQUIPMENT WITH SIMILAR MOUNTING PROVISIONS. HAS A WIRING TROUGH AT REAR. TWO CIRCULAR OPENINGS ON TOP TO FIT RECEPTACLES | 5/30/44 COL: MAY 44 | |
| MT-246/ARM AN/ARM-19,19X,21,21X | | | MT-258/AP GEN. USE | | | MT-278/ARC-13 | | |
| MOUNTING BASE: METAL MOUNTING BASE USED TO PROVIDE SHOCKMOUNTING FOR RADIO TRANSMITTER T-70/ARM-19, OR T-71/ARM-19X OR T-72/ARM-21 OR T-73/ARM-21X. SIZE APPROX. 9 1/4" X 15 1/2". | 4/5/44 APR. 44 | | MOUNTING BASE: PROVIDES STARBOARD MOUNTING FOR ANTENNA STUB AT-52/AP, AT-53/AP AND AT-54/AP AT 90° TO GROUND PLANE. SAME AS MOUNTING BASE MT-259/AP EXCEPT DESIGNED FOR STARBOARD INSTEAD OF PORTSIDE. | 10/3/44 OCT. 44 | | AN-3102-20-1S AND AN-3102-16S; HAS RECTANGULAR OPENING ON FRONT FACE FOR COLLINS PLUG FOR CONNECTION TO CABLING CX-264/ARC-13. | | |
| MT-247/ARM AN/ARM-19 | | | MT-259/AP GEN USE | | | MT-283/ART-13 AN/ART-13 | | |
| MOUNTING BRACKET: METAL BRACKET WITH 2 SHOCKMOUNTS TO PROVIDE MOUNTING FOR MODULATOR MD-27/ARM-19 MD-28/ARM-19X OR SELECTOR UNIT RE-10/ARM. SIZE APPROX. 6 1/4" X 6" X 1 1/8". TWO REQUIRED PER INSTALLATION. | 4/5/44 APR. 44 | | MOUNTING BASE: PROVIDES PORTSIDE MOUNTING FOR ANTENNA STUB AT-52/AP, AT-53/AP AND AT-54/AP AT 90° TO GROUND PLANE. SAME AS MOUNTING BASE MT-258/AP EXCEPT DESIGNED FOR PORTSIDE INSTEAD OF STARBOARD. | 10/3/44 OCT. 44 | | MOUNTING PLATE: ALUMINUM MOUNTING PLATE WHICH PROVIDES MOUNTING FOR T-47/ART-13. WHEN USED WITH MT-284/ART-13 PROVIDES SHOCKMOUNTING. ATTACHES TO BASE OF T-47/ART-13 BY THREE SCREWS ON EACH SIDE. SIZE APPROX. 20 3/4" LONG, 12 61/64" WIDE X 1 1/2" | 6/14/44 AUG. 44 | CAIR:K176E |
| MT-248/ARM AN/ARM-20 | | | MT-260/AP GEN. USE | | | MT-285/ART-13 | | |
| MOUNTING BASE: METAL MOUNTING BASE FOR RADIO RECEIVER R-81/ARM-20 OR R-82/ARM-20X OR R-83/ARM-22 OR R-84/ARM-22X. SIZE APPROX. 9 1/8" X 13 1/2". | 4/5/44 APR. 44 | | MOUNTING BASE: PROVIDES STARBOARD MOUNTING FOR ANTENNA STUB AT-52/AP, AT-53/AP AND AT-54/AP AT 45° TO GROUND PLANE. SIMILAR TO MOUNTING BASE MT-261/AP EXCEPT DESIGNED FOR STARBOARD INSTALLATION INSTEAD OF PORTSIDE. | 10/3/44 OCT. 44 | | HIGH. FIRST MFG BY ROBINSON AVIATION INC. | | |

Army-Navy Designations

4-91

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|--|---|--------------------|---|--|--------------------|--|
| MT-284/ART-13 AN/ART-13 | | | MT-316/ASQ-1 AN/ASQ-1 | | | MT-335/ARC-18 AN/ARC-18 | RESTRICTED | |
| MOUNTING BASE: CONSISTS OF ALUMINUM FRAME WORK INCORPORATING RUBBER SHOCK ABSORBING FEATURE WHICH PROVIDES SHOCKMOUNTING FOR T-47/ART-13 WHEN ATTACHED TO MOUNTING PLATE MT-283/ART-13 BY REAR PIN INSERTS AND BY THREADED CUPPED KNOBS IN FRONT. 6/14/44 CAIK:C-324 CAIK:R1735E AUG. 44 | | | MOUNTING BASE: MOUNTING TRAY EQUIPPED WITH 4 LORD RUBBER SHOCK MOUNTS, CANNON RECEPTACLE DP-032-335 ON THE BACK END, AND 2 CLAMPS ON THE FRONT OF THE TRAY, USED TO MOUNT THE CP-2/ASQ-1 COMPUTER WHICH SLIDES INTO THE MOUNTING. APPROX. OVERALL SIZE 7/28/44 CLU: CUL:6662 & 6618 AUG. 44 | | | MOUNTING BASE: ALUMINUM BASE, USED TO MOUNT RELAY RE-15/ARC-18. FASTENS TO PLANE FUSELAGE BY SCREWS; RELAY ATTACHES TO BASE BY STUDS WORKING INTO SNAPSLIDES. SIZE, 10 3/8" LONG X 6 1/4" X 1/16" THICK X 11/32" OVER STUDS. WT., 1/2 LBS. 9/23/44 CW: BO-45311 FEB. 45 | | |
| | | MT-284/ART-13 | | | MT-316/ASQ-1 | | | MT-338/ASG-10 AN/ASG-10 |
| | | RATED 66 LBS ±15 LBS WITH SAME CENTER OF GRAVITY. DIMENSIONS 20 33/64" WIDE X 15 11/32" DEEP X 2 3/8" HIGH. TRANSMITTER LOCKS IN PLACE BY TWO THUMB NUTS. FIRST MFG. BY ROBINSON AVIATION INC. | | | 10" X 11" X 3 1/2". | | | MOUNTING BASE: A METAL MOUNTING FRAME WITHOUT SHOCKMOUNTS BUT EQUIPPED WITH AN TYPE PLUG FOR CONNECTIONS. SIZE 4 3/4" X 6 5/8" X 5 1/8" WT. ABOUT 1 LB. USED TO MOUNT THE MX-329/ASG-10 ARTIFICIAL HORIZON GYROSCOPE. PART OF THE AN/ASG-10. 9/29/44 OCT. 44 |
| | | MT-286/APA-5 | | | MT-317/AXT AN/AXT-2 | | | MT-339/APS-3 |
| | | MOUNTING: FLAT ALUMINUM PLATE WITH DIMENSIONS OF 7 5/8" X 8 1/4" X 1/8" WITH A SNAP SLIDE STUD AT EACH OF THE FOUR CORNERS FOR HOLDING THE SNAP SLIDES ON JUNCTION BOX J-83/APA-5. 6/22/44 DEC. 44 | | | MOUNTING: ALUMINUM MOUNTING FOR RADIO TRANSMITTER T-61/AXT-2. SIZE APPROX: 16 3/4" X 11 11/16" X 1 31/64". 8/15/44 CAIK:X319 CAIK:R-18961 AUG. 44 | | | MOUNTING BASE: PROVIDES SPECIAL HORIZONTAL MOUNTING FOR ANTENNA ASSEMBLY AS-12/APS-3 AND TRANSMITTER-CONVERTER RT-10/APS-3 OF RADAR SET AN/APS-3. OVERALL FLOOR SPACE DIMENSIONS ARE APPROX 25" X 25". WEIGHT ABOUT 25 LBS. SIMILAR TO MT-301/APS-3 BUT 9/29/44 OCT. 44 |
| | | MT-296/APA-26 AN/APA-26 | | | MT-318/AXT AN/AXT-2 | | | MT-339/APS-3 |
| | | MOUNTING BASE: ALUMINUM CAST MOUNTING FOR ALL UNITS OF AN/APA-26 IN P3M INSTALLATION. SIZE APPROX. 17 7/16" X 11 7/16" X 1 1/4". WT. APPROX. 9 LBS. 6/27/44 CAIX:12-816 CAIX:12-816 SEPT. 44 | | | MOUNTING: ALUMINUM MOUNTING FOR CONVERSION UNIT PH-522/AXT-2. SIZE APPROX: 21" X 9" X 1 35/64". 8/15/44 CAIK:X318 CAIK:R-1974 AUG. 44 | | | MODIFIED TO SHOCKMOUNT AS-12/APS-3 AND RT-10/APS-3. USED WITH BUT NOT PART OF AN/APS-3 IN THE NOSE OF PV2D AIRCRAFT. WILL NOT SUPERSEDE MT-301/APS-3. |
| | | MT-301/APS-3 AN/APS-3 | | | MT-324/ARR-18 AN/ARR-18 | | | MT-362/A AN/APX-6 |
| | | MOUNTING BASE: PROVIDES SPECIAL HORIZONTAL MOUNTING FOR ANTENNA AS-12/APS-3 AND TRANSMITTER-CONVERTER RT-10/APS-3 OF RADIO SET AN/APS-3. BASE MADE BY ROBINSON AVIATION CORP. MODIFIED FOR USE IN FIGHTER AIRCRAFT. OVERALL FLOOR SPACE DIMENSIONS 6/30/44 CAIK: CAIK:M-2108E JULY 44 | | | MOUNTING BASE: ALUMINUM MOUNTING BASE WHICH PROVIDES SHOCKMOUNTING FOR RADIO RECEIVER R-151/ARR-18 MADE BY ROBINSON AVIATION INC. OR EQUAL. 8/19/44 CAIK: AUG. 44 | | | MOUNTING BASE: PROVIDES SHOCKMOUNTING FOR RECEIVER-TRANSMITTER RT-82/APX-6. CONSISTS OF MARKOWITZ TYPE VIBRATION ABSORBING MOUNTINGS AT EACH OF THE FOUR CORNERS AND IS APPLICABLE OVER A WEIGHT RANGE OF 26 TO 38 LBS. 11/22/44 NOV. 44 |
| | | MT-301/APS-3 | | | MT-325/U TS-148/UP | | | MT-364/APS-20 AN/APS-20 |
| | | ARE 23" BY 25". | | | MOUNTING BASE: SHOCK MOUNTING MADE OF ALUMINUM FRAME AND A NUMBER OF RUBBER PADS ACTING AS SHOCK ABSORBERS. APPROX SIZE. 16" X 14" X 1.2". USED TO SUPPORT CARRYING CASE CY-246/U OR IT MAY BE DETACHED FROM CARRYING CASE CY-246/U AND USED WITH THE 8/22/44 CAT: T-7613610 SEPT. 44 | | | MOUNTING BASE: TRANSMITTER-RECEIVER MOUNTING BASE - PROVIDES SHOCK MOUNTING FOR RADAR TRANSMITTER T-120/APS-20 AND THE RADAR RECEIVER R-142/APS-20 OR R-142A/APS-20. DIMENSIONS: 32" X 30" X 5". WT.: 9 1/2 LBS. 11/23/44 CAIX: MAY 45 |
| | | MT-311/APS-15B AN/APS-15B | | | MT-325/U | | | MT-365/APS-20 AN/APS-20 |
| | | MOUNTING BASE: PROVIDES SHOCK MOUNTING FOR MODULATOR M0-5, SA-59, OR 5C/APS-3 BY MEANS OF SPONGE RUBBER PADS MOUNTED IN 2 GROOVED TRAYS. THE MODULATOR SLIDES INTO THE MOUNTING AND IS FASTENED BY MEANS OF 4 CLAMPS AND FOUR PILOT PINS. SIZE APPROX. 7/19/44 CAIK:R-2339E CPR:5L0-1465 OCT. 44 | | | SPECTRUM ANALYZER WHEN OPERATING CONDITIONS REQUIRE THE SPECTRUM ANALYZER TO BE SHOCK MOUNTED. FIRST PROCURED CONTRACT NXsa-59108 AND NXsa-51586. 8/25/44 CLI: OCT. 44 | | | MOUNTING BASE: CONTROL INDICATOR MOUNTING BASE - PROVIDES SHOCK MOUNTING FOR THE CONTROL INDICATOR UNIT C-217/APS-20. DIMENSIONS: 24" X 24" X 9". WT.: 8 LBS. 11/23/44 CAEV: DEC. 44 |
| | | MT-311/APS-15B | | | MT-326/ASQ-2B AN/ASQ-2B | | | MT-366/APS-20 AN/APS-20 |
| | | 15 5/8" X 18 9/64" X 2 11/16" DEEP. WEIGHT 4 1/2 LBS. SIMILAR TO MT-96/APS-3 EXCEPT FOR DIFFERENCE IN SHOCKMOUNTING. | | | MOUNTING RACK: MODIFIED ONE UNIT "ATR" TYPE RACK FOR MOUNTING CM-2/ASQ-2B. SIMILAR TO MT-9/ASQ-1 EXCEPT GUIDE PIN IS RAISED ON INCH. FIRST PROCURED FOR ALTEC LANSING CO. ON CONTRACT NOs-3347. 8/25/44 CLI: OCT. 44 | | | MOUNTING BASE: RECTIFIER-TIMING CENTRAL MOUNTING BASE - PROVIDES SHOCK MOUNTING FOR THE RECTIFIER-TIMING CENTRAL TD-3/APS-20. DIMENSIONS: 21 1/2" X 24 1/2" X 11 3/4". WT.: 8 LBS. 11/23/44 CAEV: DEC. 44 |

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|--------------------|-------------------------------|---|--------------------|-------------------------------|
| MT-366A/APS-20 AN/APS-20,20A | | | MT-372/U | | | MT-388/APS-T3 AN/APS-T3 | | |
| MOUNTING BASE: RECTIFIER-TIMING CENTRAL MOUNTING BASE PROVIDES SHOCK MOUNTING FOR THE RECTIFIER-TIMING CENTRAL TD-3/APS-20 OR TD-9/APS-20A. DIMENSIONS: 21 1/2" X 24 1/2" X 11 3/4". WT.: 8 LBS. ALSO INCLUDES BLOWER UNIT. INPUT: 120V/1Ø/40C-4/14/45 CG: | APR. 45C | 948A | MOUNTING BASE A SHOCK MOUNTING BASE NOT CONFORMING TO SAR STANDARD TO MOUNT ALTIMETER UNIT ID-112/ASG-10. USES AN TYPE (LORD) VIBRATION INSULATORS. SIZE: 4 1/4" X 4" (APPROX) X 5" (APPROX). WEIGHT: 1 LB. (APPROX). PART OF: ID-112/ASG-10. | DEC. 44 | MAGNAVOX DWG. NO: D632378 | MOUNTING: MOUNTING FOR 5G SELSYN. MOUNTS ON SPINNER BASE OF AN/APS-3 SERIES EQUIPMENT. | 12/30/44 | DEC. 44 |
| | | | | | | | | |
| MT-366A/APS-20 | | | MT-372/U | | | MT-389/APS-T3 AN/APS-T3 | | |
| 800- @ .3A. SIMILAR TO MT-366/APS-20 EXCEPT INCLUDES BLOWER UNIT. | | | MANUFACTURER: MAGNAVOX CO. CONTRACT: OSRD L/I 4745 AND 5035. | | | MOUNTING: MOUNTING FOR 5G SELSYN. MOUNTS ON ANTENNA SPINNER BASE OF AN/APS-10. | 12/30/44 | DEC. 44 |
| | | | | | | | | |
| MT-367/APS-20 AN/APS-20 | | | MT-374/ART-22 AN/ART-22 | | | MT-390/APS-T3 AN/APS-T3 | | |
| MOUNTING BASE: MOUNTING BASE - PROVIDES SHOCK MOUNTING FOR THE SYNCHRONIZER SN-22 /APS-20. SIZE APPROX. 17 1/2" X 22". | 11/23/44 CAEV: | DEC. 44 | MOUNTING BASE: PROVIDES SUPPORT AND SHOCKMOUNTING FOR RECTIFIER POWER UNIT PP-157/ART-22. CONSISTS OF CHANNELS, SUPPORTING STRUCTURE AND FOUR VIBRATION LORD TYPE MOUNTS. SIZE: 12 1/2" X 10 1/4" X 2 1/4". WT. 4 LBS. | 12/9/44 | CAEV:7-E379 | MOUNTING: MOUNTING FOR 5G SELSYN. INCLUDES 2 POTENTIOMETERS FOR TRANSMITTING TILT INFORMATION OF THE ASSOCIATED RADAR ANTENNA. MOUNTS ON ANTENNA BASE OF AN/APS-4. | 12/30/44 | DEC. 44 |
| | | | | | | | | |
| MT-367A/APS-20 AN/APS-20 | | | MT-376/APA-5A | | | MT-391/APD-1 AN/APD-1 | | |
| MOUNTING BASE: MOUNTING BASE - PROVIDES SHOCK MOUNTING FOR THE SYNCHRONIZER SN-22/APS-20 OR SN-22A/APS-20. SIZE APPROX. 17 1/2" X 22" X 3". SAME AS MOUNTING BASE MT-367/APS-20 EXCEPT FOR IMPROVED VIBRATION INSULATION. | 4/14/45 CG: | APR. 45A | MOUNTING: FLAT ALUMINUM PLATE APPROX. 6" X 4" WITH A SNAP SLIDE STUD AT EACH CORNER FOR HOLDING THE SNAP SLIDES ON JUNCTION BOX J-124/APA-5A. PART OF RADAR ADAPTER KIT MX-360/APA-5A. | 12/16/44 | DEC. 44 | MOUNTING: RIGHT HAND MOUNTING FOR ANTENNA ASSEMBLY AS-183/APD-1 ON T8F AIRCRAFT. PART OF AN/APD-1. SIMILAR TO MT-392/APD-1 EXCEPT OPPOSITE HAND. | 1/1/45 | JAN. 45 |
| | | | | | | | | |
| MT-368/UR | M-5A/UR | | MT-379/FPN-1 | | | MT-392/APD-1 AN/APD-1 | | |
| SWIVEL BRACKET: SWIVEL BRACKET USED WITH MX-314/UR FOR SUSPENDING MICROPHONE IN FRONT OF LIPS WHEN IN USE. RIVETS WILL BE INCLUDED BY WHICH SWIVEL BRACKET CAN BE MOUNTED ON EARPHONE SOCKETS OF HELMETS AND HEADBANDS. USED WITH: MX-314/UR PART OF: | 11/22/44 | NOV. 44A | RACK EXTENSION: EXTENSION CONSISTS OF A FRAME STRUCTURE ATTACHED TO TOP OF MOUNTING RACK MT-179/MPN-1A FOR MOUNTING THE SWITCHING PANEL SA-63 /FPN-1. DIMENSIONS, 38 3/8" LONG X 15 7/16" HIGH X 23 3/4" DEEP. | 12/22/44 | CRR: | MOUNTING: LEFT HAND MOUNTING FOR ANTENNA ASSEMBLY AS-183/APD-1 ON T8F AIRCRAFT. PART OF AN/APD-1. SIMILAR TO MT-391/APD-1 EXCEPT OPPOSITE HAND. | 1/1/45 | JAN. 45 |
| | | | | | | | | |
| MT-368/UR | | | MT-385/U | AN/CPX-3 | | MT-393/U | | |
| M-5A/UR PROCURED ON CONTRACTS: NOas 3173. WESTERN ELECTRIC CO. NOas 3172 AVIOMETER CORP. NOas 3168. TELEPHONIC CORP. | | | MOUNTING BASE: PROVIDES MOUNTING FOR CABINET CY-378/UPX. ALSO PROVISIONS FOR MOUNTING DUST FILTER MX-393/U AT BOTTOM OF CABINET CY-378/UPX. USED ONLY WHEN DUST PROOFING IS REQUIRED AND RAISES CABINET CY-378/UPX TO PROVIDE ROOM | 12/28/44 | APR. 45A | MOUNTING BASE: A SHOCK MOUNTING OF 1 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #A6150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 | 1/16/45 | SC-D-10382-B |
| | | | | | 918 | | | |
| MT-369/U | GEN. USE | BUAER E-974 | MT-386/CPX-3 | | | MT-393/U | | |
| MOUNTING BASE A SHOCK MOUNTING BASE OF DIMENSIONS NOT CONFORMING TO SAR STANDARD. CONSISTS OF A RECTANGULAR FRAME WITH VERTICAL PROJECTION AT BACK AND WITH CONVENTIONAL ROBINSON TYPE SHOCK MOUNTING SUSPENSION TO SUPPORT WEIGHT RANGE OF 12 TO 14 LBS. | 12/6/44 | DEC. 44 | FOR DUST FILTER MX-393/U. BRITISH REF. NO. 110AB/825. | | | TO 56 LBS., WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 12 5/8" X 10 1/4". WEIGHT: APPROX 2 3/4 LBS. SIMILAR TO MT-169/U EXCEPT OVERALL HEIGHT IS 1/2" GREATER. | | |
| | | | | | | | | |
| MT-369/U | | | MT-387/APS-T3 AN/APS-T3 | | | MT-394/U | | |
| SIZE: 9 1/2" X 9 1/4" X 6". WEIGHT: 1.5 LBS. USED WITH AN/ARW-17 AND AN/ARW-23. MANUFACTURER: ROBINSON AVIATION, INC., NEW YORK, N.Y. | | | MOUNTING: MOUNTING FOR 5G SELSYN. MOUNTS ON ANTENNA SPINNER BASE OF ASSOCIATED RADAR. USED WHEN ASSOCIATED RADAR IS AN/APS-2 SERIES, AN/APS-15 AND AN/APQ-13. | 12/30/44 | DEC. 44 | MOUNTING BASE: A SHOCK MOUNTING OF 1 SAR UNIT WIDTH. CONSISTS OF RECTANGULAR METAL FRAME, 2 REAR HOLD DOWN ASSEMBLIES (RIGHT & LEFT), 2 FRONT CLAMP ASSEMBLIES, AND 4 COMPRESSION TYPE US RUBBER #A6150-C SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 16 | 1/16/45 | SC-D-10382-B |
| | | | | | | | | |
| | | | | | | | | |

Army-Navy Designations

4-93

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|--|-----------------------|--------------------|--|
| | | MT-394/U | | | MT-413/A | | | MT-429/APG-17 AN/APG-17 RESTRICTED MOUNTING: DOUBLE SUSPENSION, CENTER OF GRAVITY TYPE MOUNTING FOR TRANSMITTER-RECEIVER RT-98/APG-17. WT. 1 1/2 LBS. |
| | | TO 56 LBS.. WITH SATISFACTORY VIBRATION CHARACTERISTICS. DIMENSIONS: 15 5/8" X 10 1/4". WEIGHT: APPROX 3 LBS. SIMILAR TO MT-170/U EXCEPT OVERALL HEIGHT IS 1/2" GREATER. | | | 30 TO 40 LBS. BRITISH REF. NO. 110AB/858 | | | |
| | | MT-399/U AN/CPX-3 | | | MT-414/A AN/APX-7 | | | 3/14/45 MAR. 45 |
| | | MOUNTING: MOUNTING FOR DUST FILTER MX-393/U ATTACHES TO BOTTOM OF CABINET CY-378/UPX AND HOLDS DUST FILTER MX-393/U IN PLACE. | | | MOUNTING BASE: 1/2 UNIT AIR MOUNTING FOR INDICATOR ID-119/APX, OR PP-176/APX. SAR FORM FACTOR AIC. INCLUDES FOUR SPECIAL VIBRATION MOUNTS, ONE AT EACH OF THE FOUR CORNERS. DESIGNED TO GIVE SATISFACTORY VIBRATION CHARACTERISTICS OVER THE WEIGHT RANGE OF 2/13/45 | | | |
| | | 1/23/45 JAN. 45 | | | APR. 45A 918 | | | |
| | | CANCELLED 1/27/45 | | | MT-414/A | | | MT-430/APG-17 AN/APG-17 RESTRICTED MOUNTING: DOUBLE SUSPENSION, CENTER OF GRAVITY TYPE MOUNTING FOR COMPUTER-POWER UNIT CP-20/APG-17. STANDARD B-1-B SIZE. WT. APPROXIMATELY 2 LBS. |
| | | MT-405/APS-20A AN/APS-20A | | | 10 TO 15 LBS. BRITISH REF. NO. 110AB/859. | | | 3/14/45 MAR. 45 |
| | | MOUNTING BASE: CONTROL INDICATOR MOUNTING BASE - PROVIDES SHOCK MOUNTING FOR THE CONTROL INDICATOR UNIT C- /APS-20A. DIMENSIONS: 24" X 24" X 9". WT.: 8 LBS. | | | MT-414/A | | | MT-437/APS-19 AN/APS-19 948AC |
| | | 4/14/45 CG: APR. 45 | | | | | | MOUNTING BASE: PROVIDES SHOCK MOUNTING FOR RECEIVER-TRANSMITTER RT-100/APS-19. MOUNTED WITH ROBINSON SHOCK MOUNTS ON EACH CORNER. DIMENSIONS: 17" X 17". |
| | | MT-407/U GEN. USE | | | MT-421/AR AN/ARC-2 949 | | | 3/26/45 MAR. 45 |
| | | MOUNTING BASE: SHOCKMOUNTING OF 3 SAR UNIT WIDTH. CONSISTS OF A RECTANGULAR METAL FRAME, FOUR REAR HOLD DOWN ASSEMBLIES, FOUR FRONT CLAMP ASSEMBLIES, AND ROBINSON SHOCK MOUNTS TO SUPPORT A WEIGHT OF APPROX. 90 LBS WITH SATISFACTORY VIBRATION 2/9/45 CAIK: | | | MOUNTING BASE: A MOUNTING 1 1/2 SAR UNIT WIDTH. CONSISTS OF A RECTANGULAR METAL FRAME, 2 REAR HOLDDOWN ASSEMBLIES (RIGHT AND LEFT) 2 FRONT CLAMP ASSEMBLIES, AND ROBINSON SHOCK MOUNTS TO SUPPORT A WEIGHT RANGE OF 60 TO 100 LBS. WITH SATISFACTORY 2/19/45 CIAK: | | | MT-438/APS-19 AN/APS-19 948AC |
| | | APR. 45 | | | MAR. 45 | | | MOUNTING BASE: PROVIDES SHOCK MOUNTING FOR SYNCHRONIZER-POWER UNIT SN-35/APS-19. MOUNTED WITH ROBINSON SHOCK MOUNTS ON EACH CORNER. DIMENSIONS: 20 1/16" X 10 7/8" X 1 5/8". |
| | | MT-407/U | | | MT-421/AR | | | 3/26/45 MAR. 45A |
| | | CHARACTERISTICS. DIMENSIONS 19 9/16" X 30 3/4". WT. APPROX. 10 LBS. FIRST PROCURED ON NXS# 97496 FOR MOUNTING AN/AXT-5(XN-2). | | | VIBRATION CHARACTERISTICS. DIMENSIONS: APPROX. 19 5/8" X 15 1/2". WEIGHT: 6 LBS. SIMILAR TO MT-173A/U EXCEPT FOR WEIGHT RANGE. | | | MT-441/APS-3A AN/APS-3A |
| | | MT-411/ARC-5X AN/ARC-5X | | | MT-422/U TS-189/U | | | MOUNTING BRACKET: MOUNTING BRACKET FOR HD-3/AP. USED FOR AIRCRAFT "A" INSTALLATION. SIZE APPROX: 9 1/2" X 5 3/4" X 5 1/2". MOUNTS ON MT-90/APS-3. |
| | | MOUNTING RACK: FOR MOUNTING ONE 14 V RADIO RECEIVER EQUIVALENT TO TYPE *R-3/ARR-2 OR R-148/ARC-5X. SAME AS *MT-7A/ARR-2 EXCEPT RELAY COIL IS WOUND FOR 14 VOLT DC OPERATION. SAME AS NAVY TYPE -46182. | | | TRIPOD: TRIPOD, BRASS, 3/8" DIA. X 3 5/16" LONG. PROVIDES SUPPORT FOR TS-189/U WHEN ANTENNA IS SET IN VERTICAL POSITION. | | | 4/3/45 CAIK:R2595C CS:658261 APR. 45 |
| | | 2/9/45 CBY: MAR. 45 | | | 2/21/45 FEB. 45 | | | MT-442/APS-3A AN/APS-3A |
| | | MT-412/U GEN USE | | | MT-423/A HD-3/AP | | | MOUNTING BRACKET: MOUNTING BRACKET FOR HD-3/AP. USED FOR AIRCRAFT "B" INSTALLATION. SIZE APPROX: 5" X 5 3/4" X 1 1/4". MOUNTS ON AIRCRAFT BULKHEAD. |
| | | MOUNTING PLATE: CONSISTS OF A MOUNTING PLATE IN THE FORM OF A NUT STRAP 3/4" SQUARE AND .081 THICK. HAS .437 DIA. CENTER HOLE AND FOUR TAPPED 4-40 MOUNTING HOLES. USED WITH UC-90/U AND UC-185/U TO PROVIDE MOUNTING TO A PANEL. | | | MOUNTING: RIGHT ANGLE ALUMINUM SHEET MOUNTING. PROVIDED WITH SLIDE FASTENERS FOR ATTACHING TO SHOCK MOUNTINGS OF PRESSURIZING KIT HD-3/AP. DIMENSIONS: 5" X 6 1/2" X 1 1/2" WEIGHT: 5 OZ. | | | 4/3/45 CAIK:2594C CS:658260 APR. 45 |
| | | 2/12/45 FEB. 45 | | | 2/24/45 FEB. 45 | | | MT-443/APS-3A AN/APS-3A |
| | | HAZELTINE MT-10024 | | | CPR:5L0-1500 | | | MOUNTING BRACKET: MOUNTING BRACKET FOR HD-3/AP. USED FOR AIRCRAFT "C" INSTALLATION. SIZE APPROX: 7 5/16" X 5 1/2" X 1 5/16". MOUNTS ON MT-140/APS-3. |
| | | MT-413/A AN/APX-7 | | | MT-424/APA-16 AN/APA-16 | | | 4/3/45 CAIK:2573C CS:652859 APR. 45 |
| | | MOUNTING BASE: MOUNTING FOR TRANSMITTER RECEIVER RT-95/APX-7. (SAR FORM FACTOR) BID RACK. INCLUDES FOUR SPECIAL VIBRATION MOUNTS, ONE AT EACH OF THE FOUR CORNERS. DESIGNED TO GIVE SATISFACTORY VIBRATION CHARACTERISTICS OVER THE WEIGHT RANGE OF 2/15/45 | | | MOUNTING PLATE: MOUNTING PLATE FOR ADAPTER UNIT TD-6(XN-1)/APA-16. HAS FOUR SNAP SLIDE STUDS. APPROX. SIZE: 5 5/8" X 7 3/8" WT. APPROX. 1/3 LB. PART OF MX-476(XN-1)/APA-16. | | | MT-444/APS-31 AN/APS-31.32 |
| | | APR. 45A 918 | | | 2/24/45 MAY 45A | | | MOUNTING PLATE: PROVIDES RIGID MOUNTING FOR CONTROL UNIT C-239/APS-31 OR CONTROL UNIT C-290/APS-32. SIZE: APPROX. 12-1/8" X 10 1/2" X 5/8". WT. APPROX. 1/2 LB. |
| | | ASSIGNED | | | CW:BR-419201 ISSUE 2 | | | 4/3/45 CPR: APR. 45A 948A |
| | | DATE MANUFACTURER'S DESIGNATION MANUFACTURER'S DRAWING NUMBER | | | ASSIGNED | | | DATE MANUFACTURER'S DESIGNATION MANUFACTURER'S DRAWING NUMBER |

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|---|--------------------|-------------------------------|--|--------------------|-------------------------------|
| MT-445/APS-31 AN/APS-31 | | | MT-461/ARR-15 | | | MX-2/ARR-2 | | |
| MOUNTING PLATE: PROVIDES SNAP-SLIDE STUDS FOR MOUNTING FOR INDICATOR CONNECTOR BOX. SIZE: APPROX 3 1/8" X 1 5/8" X 6 1/4". WT. APPROX. 1/2 LBS. | | | MOUNT FOR RADIO RECEIVER R-170/ARR-15. | | | ADDITIONAL INTERCONNECTION BETWEEN TERMINALS 2 TO 8. SAME AS "CBY" TYPE 6577 (SIG CORPS PL-152 PLUS ATT. RING) EXCEPT FOR INTERNAL CONNECTIONS & DOES NOT PROVIDE FOR CABLE ENTRANCE. USED IN CONNECTION WITH "CBY" TYPE 6418 RECEPTACLE. | | |
| 4/3/45 CPR: APR. 45B | 948A | CPR:5L0-1558 | | | | | | |
| MT-446/APS-31 AN/APS-31 | | | MT-470/APA-1A AN/APA-1A | | | MX-10/APS-3 AN/APS-3 RE-9075-A | | |
| MOUNTING: ADJUSTABLE 3 LEG MOUNTING FOR 10-160/APS-31 OR 10-162/APS-31. SIZE APPROX. 5 7/8" X 7 3/4" X 6". WT. APPROX. 1 1/2 LBS. | | | MOUNTING BASE: MOUNTING, SHOCKMOUNT. MOUNTING BASE FOR INDICATOR AMPLIFIER AM-56/AP. SIZE: 12 1/2" X 7 3/4" X 2 1/2". PART OF REPEATER-INDICATOR EQUIPMENT AN/APA-1A. USED WITH BUT NOT PART OF INDICATOR AMPLIFIER AM-56/AP. ROBINSON AVIATION 3/16/45 CRB:PU-1045 MAY 45A | | 918B | DUMMY INDICATOR: INCLUDES ELECTRICAL COMPONENTS IN A METAL CONTAINER WHICH SIMULATE THE CHARACTERISTICS OF REPEATER INDICATOR 10-19/APS-3. THE UNIT IS USED IN PLACE OF EITHER INDICATOR WHICH MIGHT BE REMOVED FOR TACTICAL OR WEIGHT CONSIDERATION. 5/24/43 CPR: JUNE 43 | | |
| 4/3/45 CPR: APR. 45A | 948A | CPR:5L0-1558 | | | | | | |
| MT-447/APS-31 AN/APS-31 | | | MT-470/APA-1A | | | MX-10/APS-3 | | |
| MOUNTING BASE: PROVIDES SHOCKMOUNTING FOR SYNCHRONIZER SN-36/APS-31. ROBINSON TYPE. SIZE: APPROX. 10 1/4" X 23 7/8" X 2 1/2". WT. APPROX. 3 1/2 LBS. | | | INC. MODEL ARX444. | | | TIONS. THE LOAD COMPLETES THE SERIES ELECTRICAL CIRCUITS OF THE TWO INDICATORS. | | |
| 4/3/45 CPR: APR. 45A | 948A | CPR:5L0-1546 | | | | | | |
| MT-448/APS-33 AN/APS-33 | | | T-471/U AN/APX-13A | | | MX-10M/APS-3 AN/APS-3AM RE-9075-A | | |
| MOUNTING BASE: PROVIDES SHOCKMOUNTING FOR TRUE BEARING AMPLIFIER AM-110/APS-33. ROBINSON TYPE. SIZE: APPROX. 7" X 7 9/16" X 1 5/8". WT. APPROX. 1 1/2 LBS. | | | MOUNTING BASE: MOUNTING, SHOCKMOUNT, VIBRATION MOUNTING 2 B-1-D CASE HAVING A LOAD RATING OF 2 TO 50 LBS. SIZE: 19 5/8" X 10 1/4" X 3 1/4" LBS. INCLUDES 4 MARKOWITZ SHOCKMOUNTS (M-114, CH BARRY), 2 REAR LD DUMMY ASSY'S, 2 FRONT CLAMP ASSY'S 17/45 Y 45B | | 918 | DUMMY INDICATOR: INCLUDES ELECTRICAL COMPONENTS IN A METAL CONTAINER WHICH SIMULATE THE CHARACTERISTICS OF REPEATER INDICATOR 10-19M/APS-3. THE UNIT IS USED IN PLACE OF EITHER INDICATOR WHICH MIGHT BE REMOVED FOR TACTICAL OR WEIGHT CONSIDERATION. 3/24/45 CPR: MAR. 45 | | |
| 4/3/45 CPR: APR. 45A | 948A | CPR:5L0-1544 | | | | | | |
| MT-450/APS-4-T2 | | | ATTACHED TO | MT-471/U | | MX-10M/APS-3 | | |
| MOUNTING BASE: MOUNTING BASE WHICH PROVIDES SHOCKMOUNTING FOR REPEATER AMPLIFIER AM-105/APS-4-T2. | | | RECTANGULAR METAL FRAME. PART OF RADAR SET AN/APX-13A. FIRST PROCURED ON CONTRACT NX8a 86311 (NAVY). SIMILAR TO MOUNTING BASE MT-171/U EXCEPT USES DIFFERENT TYPE SHOCKMOUNTS AND DOES NOT HAVE AS WIDE A LOAD RATING. | | | TIONS. THE LOAD COMPLETES THE SERIES ELECTRICAL CIRCUITS OF THE TWO INDICATORS. SIMILAR TO MX-10/APS-3 EXCEPT MODIFIED TO CONNECT WITH RG-65/U CABLE BY ADDITION OF 49194 RECEPTACLE. | | |
| 4/10/45 APR. 45 | | | | | | | | |
| MT-459/APN-11 AN/APN-11 RESTRICTED | | | MT-472/SRR-1 AN/SRR-1 | | | MX-18/ARC-5 AN/ARC-5 | | |
| MOUNTING: MOUNT, VIBRATION, SQUARE TYPE MOUNTING. ATTACHING STEEL STRAP IS 1 1/2" WIDE X 0.030" THICK. SIZE 11" WIDE X 3" LONG X 2" HIGH. MADE BY RCA-VICTOR. BOLT-MOUNTED ON TABLE OR BULKHEAD. USED IN PAIRS TO 4/28/45 APR. 45 | | | MOUNTING BASE: MOUNTING, SHOCKMOUNT, STEEL, GRAY ENAMEL FINISH. PROVIDES SHOCKMOUNTING FOR RADIO RECEIVER R-162/SRR-1. SIZE: 19" X 14" X 4". PART OF RADIO SET AN/SRR-1. FIRST PROCURED ON CONTRACT NX8a-93100 (NAVY). 5/18/45 MAY 45A | | 946 | ADAPTER: THREE WAY, 12 CONTACT CONNECTOR HAVING ONE FEMALE TERMINAL AND TWO MALE TERMINALS. CORRESPONDING CONTACTS OF EACH TERMINAL PARALLELED TO PERMIT USE OF AN ADDITIONAL TRANSMITTER MOUNTING RACK. 7/1/43 CBY: JULY | | |
| 4/28/45 APR. 45 | 918 | | | | | | | |
| MT-459/APN-11 | | | COMPONENT INDICATOR "RX" MISCELLANEOUS | | | MX-19/ARC-5 AN/ARC-5 | | |
| SUPPORT TRANSMITTER-RECEIVER RT-93/APN-11. WT., APPROX. 1 LB. | | | MECHANICAL & ELECTRICAL EQUIPMENT NOT OTHERWISE CLASSIFIED | | | AUDIO ADAPTER: HAS AN 8 CONTACT FEMALE RECEPTACLE ON BACK AND A NAVY TYPE -49036 CONTACT MALE RECEPTACLE THROUGH THE FRONT PANEL TO PROVIDE LOCALIZER AUDIO SIGNAL WITH GOOD LOW FREQUENCY RESPONSE. MOUNTS ON THE FACE OF RECEIVERS OF THE AN/ARC-5 EQUIP-7/1/43 CBY:9595 JULY 43 | | |
| | | | | | | | | |
| MT-461/ARR-15 AN/ARR-15 | | | *MX-2/ARR-2 *AN/ARR-2 | | | MX-19/ARC-5 | | |
| MOUNTING BASE: MOUNT, VIBRATION, RECTANGULAR, 40 TO 80 LBS LOAD RATING. MADE BY ROBINSON AVIATION CORP., PER BUSHIPS SPEC 16V1 (RE); MADE OF ALUMINUM; STD. 1 ATR WITH REMOVABLE BACK PLATE. PART OF AN/ARR-15. VIBRATION 5/3/45 CRV: MAY 45B | | | ADAPTOR CONSISTS OF AN 8 CONTACT STRAIGHT FEMALE PLUG WITHOUT PROVISION FOR CABLE ENTRANCE. HAS INTERNAL CONNECTIONS BETWEEN TERMINALS 1 TO 6 & 2 TO 8. INCLUDES A THREADED ATTACHMENT RING. SAME AS "CW" TYPE 6787 (SIG CORPS PL-192 PLUS ATT. 2/20/43 MAY 43 | | 4749986 ISSUE 5 | MENT WITHIN THE FREQUENCY RANGE OF 0.19 TO 1.5 MC. | | |
| 4/3/45 CRV: MAY 45B | 9490 | | | | | | | |

Army-Navy Designations

4-95

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | | |
|-----------------------|--|--|------------------------|------------------------|--|---|--------------------|---|----------------------------|-------------------------------|
| MX-20/ARC-5 | AN/ARC-5 | POWER ADAPTER: HAS AN 8-CONTACT FEMALE RECEPTACLE ON BACK AND A NAVY TYPE -49036 5 CONTACT MALE RECEPTACLE THROUGH FRONT PANEL TO PROVIDE 28 V AT 0.5 AMP DC AND 250 V AT 15 MA DC, FOR AUXILIARY EQUIPMENT. MOUNTS ON FACE OF RECEIVERS OF ARA & 7/1/43 CBY:9074 JULY 43 | MX-40/APS-4 | AN/APS-4 | VISOR: LEATHER VISOR WITH A RUBBER-LIKE FACE PIECE AND A METAL RING FOR ATTACHMENT TO AN INDICATOR. OVERALL DIMENSIONS ARE 11-1/4" LONG X 3-9/16" DIA AT INDICATOR END AND AN OVAL 5-7/16" X 3-3/16" AT THE FACE END. USED WITH INDICATOR 10-11/APS-9/17/43 CW:D-151652 JAN. 44 | MX-45/ARN-T1 | | (LINK TRAINER) DIRECTION WITH RESPECT TO FIXED POSITION OF DIRECTION FINDER SIMULATOR; ALSO INCLUDES INTERCONNECTING CABLES AND FITS IN MODEL AN18 LINK TRAINER. SPECIAL ATTACHMENTS ARE REQUIRED TO FIT OTHER MODELS. | | |
| | MX-20/ARC-5 | | WT. 15 LBS. | | MX-40/APS-4 | | | MX-46/APS-T1 | | |
| | AN/ARC-5 EQUIPMENTS EXCEPT R-28/ARC-5. "AN" DESIGNATION FOR NAVY TYPE -62036. | | | | | | | MAP CARRIAGE: CONFIDENTIAL INCLUDES MOTORS, GEARS, SYNCRO UNITS ETC NECESSARY TO MOVE ON 8" X 10" RADAR MAP ALONG ANY DESIRED GROUND TRACK AND SIMULATED GROUND SPEED WITHIN THE LIMITS OF 75 TO 350 MILES PER HOUR. THE MAP RIDES BETWEEN THE CATHODE RAY TUBE OF 10/23/43 CAEZ: OCT. 43 | | |
| | MX-21/ARC-5 | AN/ARC-5 | MX-40A/APS-4 | AN/APS-4 | VISOR: RUBBER VISOR FOR ATTACHMENT TO AN INDICATOR. OVERALL DIMENSIONS APPROX. ARE 11 1/4" LONG X 3 9/16" DIA. AT INDICATOR END AND AN OVAL 5 7/16" X 3 3/16" AT THE FACE END. USED WITH INDICATOR 10-11/APS-4 WT. 8 3/4 LBS. SIMILAR TO AND INTERCHANGE- 5/20/44 CW: CW: JAN 45 | MX-46/APS-T1 | | SCANNER CV-8/APS-T1 AND PHOTOELECTRIC CELL OF PHOTO MULTIPLIER CV-7/APS-T1 TO PROVIDE "ECHO" INTELLIGENCE. | | |
| | REMOTE CONTROL ADAPTER: CONSISTS OF AN 8 CONTACT DUMMY PLUG WITH PROPER INTERCONNECTION FOR REPLACING LOCAL CONTROL PANEL TO PERMIT REMOTE CONTROL. MOUNTS ON FACE OF RECEIVERS OF RAT, RAV, ARA & AN/ARC-5 EQUIPMENTS EXCEPT R-28/ARC-5. "AN" DESIGNATION FOR 7/1/43 CBY:6453 JULY 43 | | | | | | | | | |
| | NAVY TYPE -49107. | MX-21/ARC-5 | ABLE WITH MX-40/APS-4. | | MX-40A/APS-4 | | | MX-50/AP | | |
| | | | | | | | | AIRCRAFT PROBE ASSEMBLY: CONSISTS OF 43" OF 90 OHM COAXIAL CABLE TERMINATED AT ONE END BY PLUG PL-259 (NAVY MODEL 49195) AND AT THE OTHER END BY A 3" FIBRE SLEEVE TO WHICH AN ALLIATOR CLIP ZIERECK MFG. CORP. #287 IS ATTACHED. THE FIBRE SLEEVE CONTAINS AN 11/2/43 CW:PART OF CW:8409 147 APR. 44 X-617138 | | |
| | *MX-22/ARR-2 | AN/ARR-2 | MX-43/ASA-1 | AN/ASA-1, 1A RA:F641-1 | STATIC DISCHARGER: AN INTERIM DESIGN WICK TYPE PRECIPITATION STATIC DISCHARGER WHICH CONSISTS OF AN ALUMINUM TUBE ABOUT 12" LONG X 1/2" DIAMETER. USED AS A RESERVOIR OF SUITABLE LIQUID IN CONTACT WITH A WICK WHICH IS INSERTED IN THE OUTER END OF THE TUBE 10/6/43 CQA: CQA:D-9900 JULY 44 | IMPEDANCE NET- | MX-50/AP | WORK CONSISTING OF A 10 MICRO-MICROFARAD CONDENSER IN PARALLEL WITH A 1/4 WATT, 3.9 MEGOHM RESISTOR AND IS GROUNDED BY A SMALL LEAD TERMINATING IN ALLIGATOR CLIP ZIERECK MFG. CORP. #287. PART OF OSCILLOSCOPE TS-34/AP. | | |
| | RIGHT ANGLE COUPLING CONSISTS OF TWO STEEL PINIONS COUPLED TOGETHER AT RIGHT ANGLES BY TWO MITER GEARS, & ENCLOSED IN AN ALUMINUM HOUSING. ONE END MOUNTS ON RADIO RECEIVER *R-3/ARR-2X OR *R-4/ARR-2 ETC., & OTHER END FITS TUNING SHAFT (MECHANICAL LINK-7/5/43 CW: CW:ESA-696780 JULY 43 | | | | | | | | | |
| | AGE) TO CONTROL UNIT *C-2/ARR-2 | *MX-22/ARR-2 | IN SUCH A | MX-43/ASA-1 | MANNER AS TO PREVENT THE LOSS OF LIQUID. FITS MOUNTING BRACKET MT-133/ASA-1 OR MT-134/ASA-1A. | | | MX-96/APA-5 | | |
| | | | | | | | | AN/APA-5 STABILIZER ADAPTER. KIT: CONFIDENTIAL CONTAINS STANDARD GENERAL ELECTRIC CO. TYPE 2J1F1 INDICATOR SELSYN INCLUDING SPECIAL MOUNTING BRACKET WHICH ATTACHES TO STANDARD NORDEN BOMBSIGHT STABILIZER, AND CONNECTING LINKAGE FOR PRODUCING ROTATION OF SELSYN SHAFT AS BOMBSIGHT IS 12/28/43 CFN:HL-300796-1 DEC. 44A | | |
| | MX-24/APR-1 | AN/APR-1 | *MX-44/APS | AN/APS-2C | RESTRICTED ASSEMBLY: CONSISTS OF A SELSYN AND GRAR BOX FOR ATTACHMENT TO ANTENNA *AS-17/APS, *AS-17A/APS OR AS-18/APS. TRANSMITS ANTENNA POSITION DATA TO ASSOCIATED RECEIVER INDICATOR. 10/14/43 CPR: JAN. 44 | ROTATED. WT. APPROX. 2 LBS. PART OF INDICATOR EQUIPMENT AN/APA-5. | | MX-96/APA-5 | | |
| | CHASSIS: CONSISTS OF A FRAME CHASSIS WITH AN ASSOCIATED PANEL INTO WHICH ANY ONE OF FOUR TUNING UNITS TN-1/APR-1, TN-2/APR-1, TN-3/APR-1, AND TN-4/APR-1 MAY BE PLUGGED. AMPLIFIER STRIP AM-12/APR-1 AND RECTIFIER PP-10/APR-1 ARE ALSO MOUNTED 7/28/43 CGG: AUG. 43 | | | | | | | | | |
| | ON THIS CHASSIS AND CAN BE REMOVED. | MX-24/APR-1 | MX-45/ARN-T1 | AN/ARN-T1 | CONFIDENTIAL LOOP DRIVE ASSEMBLY: INCLUDES A CRANK & AZIMUTH ASSEMBLY WITH SYNCRO TRANSMITTER TO ROTATE TRANSPARENCY (PHANTOM LOOP) IN DIRECTION FINDER SIMULATOR CV-5/ARN-T1 & A DIFFERENTIAL SYNCRO TRANSMITTER TO INTRODUCE PROPER DIFFERENTIAL ANGLE CAUSED BY CHANGES IN PLANE 10/21/43 CAET: OCT. 43 | | | HYDRAULIC LEVELING SYSTEM: THIS SYSTEM CONTAINS A MOTOR-DRIVEN PUMP, A REVERSING VALVE, FOUR-OPERATED VALVES, & FOUR 19 INCH STROKE HYDRAULIC JACKS AND INTERCONNECTING TUBING. ONE JACK IS LOCATED AT EACH CORNER OF THE TRAILER 1/5/44 CRR: JAN. 44 | | |
| | | | | | | | | | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

MX-100/MPN-1A
 FOR LEVELING PURPOSES. ALSO INCLUDES A SET OF SPIRIT LEVELS AND OFF-LEVEL ALARM. POWER INPUT 117-VOLTS A-C. SIMILAR TO BUT NOT INTERCHANGEABLE WITH HYDRAULIC LEVELING SYSTEM MX-34/MPN-1.

MX-137/A AIRBORNE
 REFLECTOR TARGET: RESTRICTED
 CORNER REFLECTOR FOR ONE MAN AIRBORNE LIFE RAFT. CONSISTS OF 6 ARMS OF 3/16" ALUMINUM TUBING OR LARGER APPROXIMATELY 24" IN LENGTH. THE 6 REFLECTOR ARMS ARE ATTACHED, ONE TO EACH FACE OF A MACHINED ALUMINUM CUBE. THE CUBE IS ATTACHED TO
 2/22/44
 FEB. 44

MX-156/APA-5
 CATOR EQUIPMENT AN/APA-5.

MX-103/U GENERAL USE
 CABLE TRIMMER:
 USED IN CONJUNCTION WITH UG-59/U, UG-60/U AND UG-61/U CONNECTORS. FOR USE WITH RG-8/U OR RG-10/U R.F. CABLE. THIS TOOL PREPARES THE CABLE END BEFORE ATTACHING CONNECTORS.
 1/11/44 CW:D-169042 CW:ESA-650248
 JAN. 44

MX-137/A
 THE REFLECTOR SUPPORTING MAST WHICH IS A PERMANENT PART OF THE REFLECTOR ASSEMBLY. 12 REFLECTING FABRIC TRIANGLES ARE ATTACHED TO THE ARMS TO COMPLETE THE REFLECTOR ASSEMBLY.

MX-158/U GENERAL USE
 PROBE ASSEMBLY: CONFIDENTIAL
 PROBE ASSEMBLY - CONSISTS OF HAND OPERATED PROBE ASSEMBLY WITH TYPE IN23 CRYSTAL AND HOLDER AND FITTED WITH NAVY TYPE 49194 CONNECTOR FOR ATTACHING SYNC CABLE FROM PROBE ASSEMBLY TO AMPLIFIER. PART OF TS-12/AP (UNIT 2) SIZE 1" X 3/15/44 CPK: CPK:43-5588
 MAY 44

MX-108(U)UR GENERAL USE
 FACE HARNESS:
 INCLUDES STRAP, MICROPHONE HOLDER, CORD AND PLUG. STRAP FASTENS ON HELMET OR HEAD-BAND BY SNAP-ON BUTTONS. USED FOR HOLDING MICROPHONE M-6/UR. PART OF MICROPHONE ASSEMBLY M-5/UR. APPROX. WT. 1.4 OZS. IDENTICAL TO NAVY TYPE CW-10312.
 1/27/44 CW:U173335 CW:667982
 JUNE 44

MX-138/A AIRBORNE
 REFLECTOR TARGET: RESTRICTED
 CORNER REFLECTOR FOR MULTIPLE RAFTS CONSISTS OF 6 ARMS OF 3/16" ALUMINUM TUBING OR LARGER APPROXIMATELY 24" IN LENGTH. THE 6 REFLECTOR ARMS ARE ATTACHED, ONE TO EACH FACE OF A MACHINED ALUMINUM CUBE. 12 REFLECTING FABRIC TRI-
 2/22/44
 FEB. 44

MX-158/U
 2 5/8" X 3 1/2". WT. 9 OZ.

MX-109/U GENERAL USE
 TEST LAMP KIT:
 CONSISTS OF THE FOLLOWING: 10 NEON LAMPS 1/25 WATT 105-125 VOLTS (G.E. TYPE NE-2 OR EQUIVALENT), 6 NEON LAMPS 1/4 WATT 105-125 VOLTS (G.E. TYPE T4 1/2 OR EQUIVALENT, CANDELBRA SCREW BASE), 4 NEON LAMPS 3 WATT 105-125 VOLTS (G.E.)
 1/21/44 CG:
 FEB. 44

MX-138/A
 ANGLES ARE ATTACHED TO THE ARMS TO COMPLETE THE REFLECTOR ASSEMBLY. THE MACHINED CENTER CUBE HAS AN ATTACHMENT TO FIT IN AN OAR LOAM.

MX-160/APS-15 AN/APS-15
 HEATER:
 OSCILLATING JOINT HEATER USED FOR HEATING THE OSCILLATING JOINT TO MAINTAIN AIR TIGHT CONDITIONS UNDER LOW TEMPERATURES CONDITIONS OF OPERATION. CONSISTS OF A HEATER RING AND THERMOSTAT. INCLUDES AN RECEPTACLE AN-3102-10S-2S.
 3/23/44 CTN: CPR:5L0-1185
 JUN. 44

MX-109/U
 TYPE S14, P4 ELECTRODE OR EQUIVALENT, MEDIUM SCREW BASE). TO BE USED FOR CHECKING PRESENCE OF RADIO FREQUENCY VOLTAGE. PROCURED ON CONTRACT NOB3-2260 FROM G.E.

MX-139/APA-16 AN/APA-16
 CAPACITOR UNIT: RESTRICTED
 CONTAINS A 1 MF. CAPACITOR INSULATED WITH POLYSTYRENE DIELECTRIC. PROVIDED WITH TWO JACKS, ONE A SPECIAL HIGHLY INSULATED TERMINAL WITH PRE-FABRICATED ATTACHED CABLE. THE OTHER JACK IS A STANDARD SELECTOR TYPE. USED IN THE
 2/21/44 CW:X66172-D CW:80-412504
 MAY 44

MX-160/APS-15
 APPROX. SIZE OVERALL 4 5/16" X 2 9/16" X 1". WT. 1/2 LBS. INPUT: 26V DC AND 1-4A.

MX-110/APA-24 AN/APA-24 RE 13A 852A
 ANTENNA POSITIONING ASSEMBLY:
 CONSISTS OF A LEVER, A HYDRAULIC TRANSMITTING POSITIONER, A HYDRAULIC RECEIVER AND GEAR MECHANISM WHICH MATCH GEARS OF ANTENNA MOUNTING ASSEMBLY AB-20/APA-24. USED TO ROTATE ANTENNA ASSEMBLY AS-84/APA-24 THROUGH AN AZIMUTH SWEEP
 1/29/44
 JAN. 44

MX-139/APA-16
 RATE SWEEP GENERATOR CIRCUIT OF THE RANGE MARKER UNIT. WT. 3 LB. SIZE APPROX. 7 3/8" X 3" X 6". MOUNTS ON
MT-210/APA-16.

MX-166/GPS-TI CN/GPS-TI RESTRICTED
 AIRCRAFT SIMULATOR:
 STANDARD LINK RECORDER ON EQUAL MODIFIED TO OPERATE AT A RATE OF 1.2" PER MINUTE AT AN OSCILLATOR FREQ. OF 100-. SPEED OF LINK RECORDER IS PROPORTIONAL TO INPUT FREQ. FOR OSCILLATOR O-21/GPS-TI. ALSO MODIFIED SO THAT CONNECTING WIRE
 3/27/44
 MAR. 44

MX-110/APA-24
 OF 210°.

MX-142/ASQ-3 AN/ASQ-3
 WINCH: RESTRICTED
 GEAR DRIVEN WINCH EQUIPPED WITH HAND BRAKE RATCHET, AND SET OF SLIP RINGS TO PROVIDE CIRCUIT CONNECTIONS BETWEEN AN/ASQ-3 EQUIPMENT ABOARD PLANE DT-2/ASQ-3 CARRIED IN TOWED NACELLE.
 2/28/44 CW: D-169303
 FEB. 44

MX-166/GPS-TI
 COMES OUT OF SIDE OF RECORDER. SIMULATES EITHER ENEMY OR INTERCEPTING AIRCRAFT.

MX-128/ART-13 AN/ART-13
 PANEL:
 A BLANK PANEL TO BE USED WITH RADIO TRANSMITTER T-47/ART-13 WHEN THE LOW FREQUENCY OSCILLATOR IS REMOVED. INCLUDES A RESISTOR WIRED TO A PLUG TO COMPLETE THE CONTINUITY OF THE FILAMENT CIRCUITS.
 2/15/44
 AUG. 44

MX-156/APA-5 AN/APA-5 CONFIDENTIAL
 RADAR ADAPTER KIT:
 RADAR ADAPTER KIT CONSISTING OF A STANDARD G.E. 2J1FA1 INDICATOR SELSYN. SPECIAL MOUNTING FOR SELSYN AND ALL NECESSARY COMPONENTS TO ADAPT RADAR SETS AN/APS-2, 3, 15. FOR USE WITH INDICATOR EQUIPMENT AN/APA-5. PART OF IND-10/6/44 CFN:301298-1
 FEB. 45

MX-167/GPS-TI AN/GPS-TI RESTRICTED
 WIND DRIFT ASSEMBLY
 PROVIDES FOR SIMULATING EFFECT OF WIND DRIFT OF AIRCRAFT. ALSO PROVIDES FOR STANDARD RATES OF TURN OF AIRCRAFT. CONSISTS OF A MODIFIED LINK WIND DRIFT ASSEMBLY AND TURN MOTOR. CONTROLS SPEED AND HEADING OF AIRCRAFT SIMULATOR
 3/27/44
 MAR. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|---|---|--------------------|--|---|--------------------|--|
| MX-243/APQ-5-T1A AN/APQ-5-T1A | | ECHO SIMULATOR UNIT: CONFIDENTIAL A PULSE GENERATING AND MODULATING UNIT FOR PRODUCTION OF SYNTHETIC RADAR SIGNALS IN AN/APQ-2 AND AN/APQ-5 EQUIPMENTS. UNIT CONSISTS OF A CABINET WITH FOLLOWING PANELS: (a.) PULSE GENERATOR. (b.) MODULATOR TO CONTROL TIMING OF PULSES WITH 7/8/44 CIP: JULY 44 | MX-262/GPS-T1A AN/GPS-T1A RESTRICTED | | WIND DRIFT ASSEMBLY: PROVIDES FOR SIMULATING EFFECT OF WIND DRIFT OF AIRCRAFT. ALSO PROVIDES FOR STANDARD RATES OF TURN OF AIRCRAFT. CONSISTS OF A MODIFIED LINK WIND DRIFT ASSEMBLY AND TURN MOTOR. CONTROLS SPEED AND HEADING OF AIRCRAFT SIMULATOR 7/26/44 JULY 44 | MX-314/UR M-5A/UR | | MICROPHONE SUSPENSION BOOM: CONSISTS OF A WIRE BOOM MICROPHONE HOLDER. CORD AND PLUG PL-291. USED WITH SWIVEL BRACKET NT-368/UR TO SUSPEND MICROPHONE UNIT 9/12/44 NOV. 44A |
| MX-243/APQ-5-T1A | | RESP. TO ANTENNA ROTATION AND MODULATE. OF PULSES AT 30 MC/SEC. (c.) POWER SUPPLY. +250V. AND -150V. (d.) SWEEP GENERATOR; HAS MOTORS, SELSYNS, POTENTIOMETERS AND CAMS TO SUPPLY AZIMUTH & SWEEP VOLTAGES. ONE SELSYN IMPARTS SCANNING MOT. TO INDICATOR. UNIT IS SAME AS MX-242/APQ-5-T1 EXCEPT INCLUDES ABOVE SCANNING FUNCTION. | MX-261/GPS-T1 | | AS AFFECTED BY PRE-DETERMINED VALUES OF WIND VELOCITY AND DIRECTION. SIMILAR TO MX-167/GPS-T1 EXCEPT FOR DIFFERENCES IN MECHANICAL COUPLING TO CONTROL PANEL AND ELECTRICAL CONNECTION TO OSCILLATOR O-24/GPS-T1A. | MX-314/UR | | M-6/UR. WITH NT-368/UR WILL SUPERSEDE FACE HARNESS MX-108/UR IN MICROPHONE ASSEMBLY M-5/UR. PART OF M-5A/UR. FIRST PROCURED ON CONTRACTS M. E. NOs 3173. AVIOMETER CORP. NOs 3172 TELEPHONIC CORP. NOs 3168. |
| MX-246/A | | GENERAL USE WINDOW DISPENSER: RESTRICTED DESIGNED SO THAT IT WILL REPLACE STANDARD WINDOW IN TYPE T8F AIRPLANE. MATERIAL - ALUMINUM. APPROX. WEIGHT -15 LBS. APPROX. SIZE - 14" X 20". OVAL SHAPE WITH 3 1/2" ROUND AIR CHUTE ATTACHED TO PLATE. RADIO TEST DRAWING 7/4/44 JULY 44 | MX-263/GPS-T1A AN/GPS-T1A CONFIDENTIAL | | BEARING-RANGE ASSEMBLY: CONSISTS OF THREE POTENTIOMETERS, RANGE PULLEY & BAR. USED TO TRANSMIT RANGE AND BEARING DATA OF AIRCRAFT SIMULATOR WHICH MAY SIMULATE EITHER ENEMY OR INTERCEPTING AIRCRAFT TO SIMULATOR UNIT MX-264/GPS-T1A ALSO PROVIDES AUTOMATIC 7/26/44 JULY 44 | MX-317/0 | | DUPLICATOR STAMP SET: DUPLICATING EQUIPMENT USED TO MAKE A NUMBER OF COPIES FROM A PREPARED STENCIL BY STAMPING, MULTISTAMP SET OR EQUAL. COMPLETE WITH MULTISTAMPS (#1, #3, AND #7) FOR DIFFERENT SIZE COPIES, STENCILS, INK, WRITING BOARDS, ETC. PACKED IN 9/30/44 SEPT. 44 |
| MX-246/A | | GENERAL USE WINDOW DISPENSER: RESTRICTED DESIGNED SO THAT IT WILL REPLACE STANDARD WINDOW IN TYPE T8F AIRPLANE. MATERIAL - ALUMINUM. APPROX. WEIGHT -15 LBS. APPROX. SIZE - 14" X 20". OVAL SHAPE WITH 3 1/2" ROUND AIR CHUTE ATTACHED TO PLATE. RADIO TEST DRAWING 7/4/44 JULY 44 | MX-263/GPS-T1A | | ATTENUATION OF SIGNAL WITH RANGE. SIMILAR TO MX-168/GPS-T1 BUT NOT INTERCHANGEABLE EITHER ELECTRICALLY OR MECHANICALLY. | MX-317/0 | | CARRYING CASE, 12" X 9" X 12". |
| MX-247/APG AN/APG-6 | | STABILIZER UNIT: CONFIDENTIAL STABILIZER UNIT FOR AZIMUTH STABILIZATION OF ANTENNA OF AN/APG-6 WITH THE FOLLOWING PROVISIONS: (A) DIRECTIONAL CONTROL OF ANTENNA OF AN/APG-6; (B) AZIMUTH STABILIZATION OF AIRPLANE THRU AVAILABLE AUTOMATIC FLIGHT CONTROL 7/5/44 JULY 44 | MX-264/GPS-T1A AN/GPS-T1A CONFIDENTIAL | | SIMULATOR UNIT: CONSISTS OF MULTIVIBRATOR, GATE AND ELECTRONIC SWITCHING CIRCUITS, HEIGHT RANGE CONTROL CIRCUIT AND AMPLIFIER CIRCUITS. CONTAINS PPI DATA FROM COUPLING TRANSMISSION UNIT CU-58/GPS-T1A AND RANGE AND BEARING DATA FROM BEARING-RANGE ASSEMBLY 7/26/44 JULY 44 | MX-320/0 | | FILTER: SPECIAL BLACK GLASS ULTRA VIOLET RAY FILTER 5/32" THICK X 1 3/4" DIAM., FITS FLASHLIGHT TL-122. USED WITH SPECIAL PAPER AS MFD. BY CONTINENTAL LITHOGRAPH CORP. OR EQUAL. 9/23/44 SEPT. 44 |
| MX-247/APG | | SYSTEM. (C) DIRECTION CONTROL IN CONNECTION WITH (B) ABOVE TO PROVIDE NAVIGATION OR HOMING COURSE. CONSISTS OF GYRO UNITS AND ACCESSORIES AND MOTOR DRIVE UNITS. FIRST PROCURED FROM NORDEN LABORATORIES INC. N.Y. ON MXsa 53318 INPUT: 26V DC. | MX-265/GPS-T1A | | AND TRANSMITS ELECTRICAL IMPULSES TO PPI AND HEIGHT-RANGE INDICATORS OF SCRS27 FOR VISUAL PRESENTATION. ALSO PROVIDES IFF SIMULATION. MOUNTING BASE IS 18" X 8" X 3 1/2". POWER SUPPLY IS FED THROUGH 36V TRANSFORMER MOUNTED IN RECTIFIER POWER UNIT PP-117/GPS-T1A. | MX-323/0V | | TELESCOPE: A SPOTTING TELESCOPE CLOSED SIZE. 2" DIAM. BY 1 1/2" LONG; 36" EXTENDED; COMPLETE WITH FRONT LENS SUN SHIELD. PROTECTIVE END CUPS, AND 5/8" CARRYING STRAP. KOLLHORNEN, OR EQUAL. 9/30/44 SEPT. 44 |
| MX-261/GPS-T1A AN/GPS-T1A RESTRICTED | | AIRCRAFT SIMULATOR STANDARD LINK RECORDER OR EQUAL MODIFIED TO OPERATE AT A RATE OF 1.2" PER MINUTE AT AN OSCILLATOR FREQ. OF 100-. SPEED OF LINK RECORDER IS PROPORTIONAL TO INPUT FREQ. FROM OSCILLATOR O-21/GPS-T1. ALSO MODIFIED SO THAT CONNECTING WIRE 7/26/44 JULY 44 | MX-312/CRT-4 AN/CRT-4 CONFIDENTIAL | | COMPASS CAPACITOR: INCLUDES SLAVE-MASTER TYPE OF A MAGNETIC COMPASS CAPACITOR. MASTER CARD FLOATING IN LIQUID WITHIN A PLASTIC CASE. TWO INSULATED FIXED PLATES PROJECTING FROM INSIDE CASE PARALLEL AND ADJACENT TO SLAVE CAM. UPON ROTATION OF HYDROPHONE, 5/26/44 CABJ: NOV. 44 | MX-329/ASG-10 AN/ASG-10 RESTRICTED | | DIVE ANGLE COMPENSATOR DIVE ANGLE COMPENSATOR IS A MODIFIED SPERRY GYRO HORIZON TO WHICH IS ADDED A POTENTIOMETER WHO'S OUTPUT IS A FUNCTION OF DIVE ANGLE WHEN THE GYRO IS PROPERLY ORIENTED IN THE AIRPLANE. THIS UNIT IS USED TO MODIFY THE INPUT TO COMPUTER 10/12/44 CNX: OCT. 44 |
| MX-261/GPS-T1A | | COMES OUT OF SIDE OF RECORDER. SIMULATES EITHER ENEMY OR INTERCEPTING AIRCRAFT. SAME AS MX-168/GPS-T1 EXCEPT FOR MODIFICATION OF MECHANICAL COUPLING TO RANGE BAR. | MX-312/CRT-4 | | BY GRAVITY MOTOR. THE CASE REVOLVES AROUND THE MASTER CARD. & SLAVE PORTION OF CARD FOLLOWS THE MASTER; FINGERS DETERMINE AMOUNT OF CAPACITANCE. | MX-329/ASG-10 | | UNIT CP-15/ASG-10 ACCORDING TO AIRPLANE DIVE ANGLE. SPECIAL FEATURES ARE AIR DRIVEN GYRO OPERATION AND SPECIAL MOMENTARY POTENTIOMETER ELEMENT. WEIGHT: 8.5 LBS. SIZE: 7 1/8" X 5 1/8" X 5 1/8". POWER SUPPLIED BY COMPUTER CP-15/ASG-10. USED AS PART OF AN/ASG-10. MADE BY THE MAGNAVOX CO. CONTRACT NO. OSRD L/1 4745. PROCURED THROUGH BU ORD. |

Army-Navy Designations

4-99

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

MX-330/APA-17 AN/APA-17,17A
 DIRECT CURRENT INJECTOR CONFIDENTIAL
 BOX: INCLUDES PROVISION FOR FEEDING 26V DC. TO RELAY OF ANTENNA ASSEMBLY AS-186/APA-17 WITHOUT INTERFERING WITH RECEIVER. INCLUDES A COAXIAL LINE WITH STANDARD TYPE N CONNECTORS AND R.F. CHOKES WHICH WILL KEEP R.F. FROM ENTER-
 9/28/44
 OCT. 44

MX-330/APA-17
 INJ DC. LINE AND DC. CURRENT FROM ENTERING LINE TO RECEIVER. SIZE APPROX 2" X 4" X 5" WEIGHT APPROX 1 1/2 LBS. SIMILAR TO MX-182/APA-17 AND MX-182A/APA-17 BUT WILL NOT SUPERSEDE THESE INJECTOR BOXES. DIFFERS FROM THESE INJECTOR BOXES IN THAT IT HAS A HIGHER RF. BY PASS RANGE. USED WITH BUT NOT PART OF AN/APA-17 AND AN/APA-17A.

MX-339/ASC-10 AN/ASC-10 RESTRICTED
 PILOT LIGHT
 PILOT LIGHT IS USED TO INDICATE TO THE PILOT WHEN PULLOUT OF DIVE MAY BE INITIATED AND WHEN BOMBS HAVE BEEN RELEASED. TO BE INSTALLED ADJACENT TO AIRCRAFT GUNSIGHT. USED AS PART OF AN/ASC-10. SPECIAL FEATURES: MECHANICAL SHUTTER.
 10/12/44 CNX:
 OCT. 44

MX-339/ASC-10
 INTENSITY CONTROL. WEIGHT: 0.2 LB. SIZE: 3 7/16" X 1" DIA. PROCUREMENT: THROUGH BU ORD CONTRACT NO. OSRD L/1 4745. MANUFACTURED BY THE MAGNAVOX CO.

MX-343/APS-15A AN/APS-15A CONFIDENTIAL
 INSTALLATION KIT
 CONSISTS OF ITEMS NECESSARY TO MAKE AIRCRAFT B INSTALLATIONS OF RADAR SET AN/APS-15A. INCLUDES MOUNTING BASE MT-86A/APS-2C AND MT-87/APS-2C, TRANSMISSION LINE CG-250/APS-15A AND CG-251/APS-15A. JUNCTION BOX
 10/21/44 CPR:
 JAN. 45

MX-343/APS-15A
 J-132/APS-15A. WAVE SELECTOR
 CG-124/APS-15A.

MX-356/A RESTRICTED
 WINDOW DISPENSER:
 AN AUTOMATIC WINDOW DISPENSER CONSISTING OF AN ALUMINUM SHELL WITH A LARGE DRAWER FOR HOLDING PACKAGES OF WINDOW FOR USE IN VF, VT OR VSB AIRCRAFT AND IS ATTACHED TO MK 51 OR SIMILAR BOMB RACKS, AND MAY BE JETTISONED. INCLUDES A TAPE
 3/24/45 4-81-1
 MAR. 45

MX-356/A
 PULLER PU- /A, AND CONTROL BOX C- /A (LOCATED IN COCKPIT). DIMENSIONS 76" X 22" X 18 1/2". WEIGHT: APPROX. 50 LBS. COLUMBIA AIRCRAFT CORP.
 N0as 5461. N0as 6192.

MX-360/APA-5A AN/APA-5A
 RADAR ADAPTER KIT:
 RADAR ADAPTER KIT CONSISTING OF A STANDARD G.E. 2J1FA1 INDICATOR SELSYN. SPECIAL MOUNTING FOR SELSYN AND ALL NECESSARY COMPONENTS TO ADAPT RADAR SETS AN/APS-3, 15, 30, 31, 32, 33 & 34 FOR USE WITH INDICATOR EQUIPMENT AN/APA-5A.
 11/25/44 CFM:
 NOV. 44

MX-360/APA-5A
 PART OF INDICATOR EQUIPMENT AN/APA-5. SAME AS MX-156/APA-5 EXCEPT FOR CIRCUIT CHANGES.

MX-367/U GEN. USE
 HOOD:
 R. F. RECEPTACLE HOOD. USED WITH RECEPTACLES UC-86/U AND UC-87/U TO GROUND THE R.F. CABLE OUTER CONDUCTOR. SIMILAR TO MX-195/U EXCEPT HAS LARGER HOLE IN HOOD FOR CABLES SUCH AS RG-59/U, RG-62/U AND RG-71/U. CONSISTS OF HOOD AND
 11/30/44 PHILCO. 258-9024
 NOV. 44 257-9967

MX-367/U
 PHENOLIC BUSHING. OVERALL DIMENSIONS .687" X .875".

MX-393/U AN/CPX-3
 DUST FILTER:
 MOUNTS AT BOTTOM OF CABINET CY-378/UPX AND IS FOR FILTERING INCOMING AIR INTO BLOWER HD-9/U. BRITISH REF. NO. 110H/9000.

12/28/44
 APR. 45 918

MX-394/APS-T3 AN/APS-T3
 TANK-FRAME ASSEMBLY:
 METAL TANK APPROX. 4' X 6' X 7" HIGH RESTING ON SUPPORTING FRAME WHICH ALSO SUPPORTS MAP (UPPER) AND ROLLERS OF TRACING PAPER. TANK IS NORMALLY FILLED TO A DEPTH OF 5" WITH WATER AT THE BOTTOM OF WHICH RESTS A MAP (LOWER)
 12/30/44
 DEC. 44

MX-394/APS-T3
 WHICH IS A RELIEF DUPLICATE OF THE UPPER MAP. ALSO INCLUDE A BRIDGE WHICH RIDES ALONG THE LENGTH OF THE TANK.

MX-395/APS-T3 AN/APS-T3 CONFIDENTIAL
 CRYSTAL CARTRIDGE
 UNIT CONSISTING OF GOLD PLATED QUARTZ CRYSTAL RESONATING AT 15 MC. MOUNTS IN A WATERPROOF HOUSING WHICH MAKES CONTACT ON ONE SIDE ONLY. OTHER CONTACT IS MADE BY A SPRING CAT WHISKER WHICH CONNECTS TO COAXIAL LINE. CONVERTS 15 MC ELEC-
 1/2/45
 JAN. 45

MX-395/APS-T3
 TRONIC PULSE TO A 15 MC MECHANICAL OSCILLATION. MOUNTS ON AIRCRAFT SIMULATOR SM-4/APS-T3.

MX-406/A GEN. USE RESTRICTED
 WINDOW DISPENSER:
 AN AUTOMATIC FOIL DISPENSER WITH A GEAR-TYPE PULLEY BELT FOR DISPENSING. DIMENSIONS ARE 44" X 26 13/16" X 37 1/2" AND UNLOADED WEIGHT IS 400 LBS. DISPENSER HAS A CAPACITY OF 400 STANDARD PACKAGES WITH A DISPENSING RATE OF FROM 1-125
 1/5/45 CATJ: CATJ:12-3-A-001
 FEB. 45

MX-406/A
 PACKAGES/MIN. FIRST PROCURED ON
 NXSr 51513.

MX-407/U GEN. USE RE 49F
 END SEAL:
 END SEAL - FOR RG-18/U. WATER TIGHT. HIGH VOLTAGE. OVER ALL LENGTH 7 1/2". DIAMETER 1 3/4". MADE OF BRASS PARTS AND RIBBED, CERAMIC INSULATOR.

1/2/45
 JAN. 45

MX-411/A GEN USE RESTRICTED
 WINDOW DISPENSER:
 AN AUTOMATIC FOIL DISPENSER WITH A SERIES OF 10 MOVABLE STEEL TAPES. DIMENSIONS ARE 45" X 20" X 30" & UNLOADED WEIGHT IS 150 LBS. DISPENSER HAS A CAPACITY OF 400 PACKAGES WITH A DISPENSING RATE OF FROM 10-125 PACKAGES.
 1/11/45
 JAN. 45

MX-411/A
 PROCURED ON CONTRACT NXSr 69177.

MX-412/UP
 CLAMP:
 WAVE GUIDE CLAMP - AN ADJUSTABLE CLAMP USED IN BENCH TESTING R.F. PLUMBING OF "X" BAND RADAR SYSTEMS. PROVIDES AN ACCURATE, FIRM CONNECTION BETWEEN PIECES OF R.F. LINE RG-52/U WHICH DO NOT HAVE MATCHED PAIRS OF CHOKES AND FLANGES.
 1/15/45 RAD LAB
 JAN. 45A C-55-42A

MX-412/UP
 MECHANICAL EQUIVALENT OF RAD LAB TPX-39. SIZE: 3" X 2" X 2". WEIGHT: 1 LB. PART OF: MK- /UP.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|--------------------|-------------------------------|--|--------------------|-------------------------------|
| MX-413/UP CLAMP: WAVE GUIDE CLAMP - AN ADJUSTABLE CLAMP USED IN BENCH TESTING THE RF PLUMBING OF "X" BAND RADAR SYSTEMS. PROVIDES AN ACCURATE, FIRM CONNECTION BETWEEN PIECES OF RF LINE RG-51/U WHICH DO NOT HAVE STANDARD CHOKES AND FLANGES TERMINATIONS 1/15/45 JAN. 45A RAD LAB C-6677-A | | | MX-435/UP INCLUDES UG-39/U OR EQUAL TO COUPLE TO 1/2" X 1" WAVE GUIDE. PART OF TS-147/UP. | | | MX-476(XN-1)/APA-16 AN/APA-16 ADAPTER KIT: CONFIDENTIAL ADAPTER KIT FOR ADAPTING AN/APA-16 FOR USE WITH ROCKETS. CONSISTS OF ADAPTER UNIT TD-6(XN-1)/APA-16, MOUNTING PLATE MT-424/APA-16, ADAPTER PLUG U-47/APA-16 INTERCONNECTING CABLES AND PLUGS AND ACCESSORIES NECESSARY FOR INCORPORATING 2/24/45 CW: MAY 45 | | |
| MX-413/UP MECHANICAL EQUIVALENT OF RAD LAB. TFX-50. SIZE: 3" X 2" X 2". WEIGHT: 1 LB. PART OF: MX- /UP. | | | MX-463/TPS-1B AN/TPS-1B RESTRICTED INSTALLATION KIT: CONSISTS OF THE NECESSARY MOUNTINGS AND FITTINGS AND TARPULIM SHELTER FOR INSTALLATION AND OPERATION OF RADIO SET AN/TPS-1B IN A 10 WHEELED 2 1/2 TON STANDARD CARGO TRUCK. 2/15/45 FEB. 45 | | | MX-476(XN-1)/APA-16 NECESSARY WIRING CHANGES IN CONTROL UNIT C-105/APA-16. FIRST PROCURED ON CONTRACT NXS& 87703. | | |
| MX-419/APS-3 AN/APS-3 CONFIDENTIAL CONVERSION KIT: CONVERSION KIT USED TO CONVERT RADIO SET AN/APS-3 TO THE OPERATING EQUIVALENT OF AN/APS-3AM. CONSISTS OF NECESSARY RECEIVER STRIPS, PULSE LINES, ETC. FOR CONVERSION. 1/19/45 JAN. 45 | | | MX-472/APS GEN. USE RESTRICTED MODIFICATION KIT: SPEC: M-688 A SHORT-TIME-CONSTANT KIT OF PARTS TO ENABLE OPERATOR TO CHANGE TIME CONSTANT OF VIDEO COUPLING CIRCUIT OF AN/APS-2, AN/APS-3 SERIES AND AN/APS-15 SERIES EQUIPMENTS. CONSISTS OF THE FOLLOWING: ONE 50 MMFD. MICA CONDENSER. ONE .01 MFD. 2/19/45 FEB. 45 | | | MX-493/CPN-6 AN/CPN-6 ADAPTER: USED TO ADAPT ANTENNA ASSEMBLY AS-118/CPN-6 TO THREADED ATTACHMENT ON TOP OF ANTENNA MAST ASSEMBLY AB-42/CPN-6; CONSISTS OF AN INSIDE-OUTSIDE THREADED NIPPLE WHICH HAS PROVISIONS TO ATTACH 1/8" GUY WIRES 120° APART AROUND ITS 2/12/45 MAR. 45 | | |
| MX-420/APS-15A AN/APS-15A CONFIDENTIAL CONVERSION KIT: CONVERSION KIT USED TO CONVERT RADIO SET AN/APS-15A TO THE OPERATING EQUIVALENT OF AN/APS-15AM. CONSISTS OF NECESSARY RECEIVER STRIPS, PULSE LINES, ETC. FOR CONVERSION. WILL CONVERT R-78/APS-15A TO R-78M/APS-15A. 1/19/45 APR. 45A 948A | | | MX-472/APS MICA CONDENSER, ONE 22,000 0.5 WATT RESISTOR, 1 SPDT 24V RELAY, 1 SINGLE POLE CONNECTOR MALE, 1 SINGLE POLE CONNECTOR FEMALE, 1 SPST TOGGLE SWITCH AND INSTALLATION ACCESSORIES. POWER REQUIREMENTS (FOR RELAY): 24V DC AT 0.1 AMP. USED WITH BUT NOT PART OF AN/APS-2 SERIES, AN/APS-3 SERIES AND AN/APS-15 SERIES. | | | MX-493/CPN-6 CIRCUMFERENCE. | | |
| MX-422/APS-6TI AN/APS-6TI ALTITUDE TRANSMISSION UNIT: TRANSMITS FIGHTER ALTITUDE BY TELETORQUE OUTPUT. CONSISTS OF A BELLOWS WHICH IS COUPLED TO A SYNCHRO UNIT. CHANGES IN PRESSURE IN THE BELLOWS MAKE CORRESPONDING CHANGES IN SYNCHRO POSITION. THESE CHANGES ARE TRANSMITTED TO A REMOTELY 1/26/45 CATY: JAN. 45 | | | MX-474/AP PROBE ASSEMBLY: AN OSCILLOSCOPE TEST PROBE CONSISTING OF A 44" LENGTH OF RG-62/U CABLE EQUIPPED AT ONE END WITH A NAVY TYPE PLUG 49195, AT THE OTHER WITH A FIBRE TUBE 1 1/8" IN DIAM. BY 2 7/8" LONG FROM WHICH PROJECTS A BRASS ALLIGATOR CLIP SURROUNDED BY A 2/22/45 CW:80-460387 CW:80-460494 FEB. 45A | | | MX-498/U GEN. USE RE 49F CABLE END SEAL: SMALL END TERMINATION FOR RG-63/U OR RG-8/U OR EQUIV. CABLE. WATERPROOF. BRASS PARTS, PROPERLY GASKETED TO KEEP MOISTURE OUT OF CABLE. HAS PROVISION FOR CONNECTING TO CENTER CONDUCTOR AND BRAID OF CABLE. 3/14/45 MAR. 45A | | |
| MX-422/APS-6TI LOCATED SYNCHRO WHERE THESE POSITION CHANGES ARE CALIBRATED IN FEET OF ALTITUDE. ERRATIC VARIATIONS DO NOT EXCEED 50'. A MAXIMUM DESCENT OF 2800 "/MIN CAN BE FOLLOWED WITHOUT LAG. PART OF TRAINER SM-5/APS-6-TI. WT. APPROX 4 LBS. | | | MX-474/AP RUBBER SKIRT. FROM CABLE END OF FIBRE TUBE PROJECTS AN 8" LENGTH OF 18 GAUGE STRANDED WIRE TERMINATING IN ANOTHER BRASS ALLIGATOR CLIP ENCLOSED ALSO IN A RUBBER SKIRT. FIBRE TUBE CONTAINS ONE AN-AERO SPEC. RESISTOR #RC208F395J AND ONE NAVY TYPE 482206. OVERALL LENGTH OF PROBE ASSEMBLY, APPROX 61". PART OF TS-34A/AP. | | | MX-503/APA-16-TI AN/APA-16-TI MODIFICATION KIT: CONFIDENTIAL A MODIFICATION KIT TO ENABLE THE USE OF RADAR TRAINING SET AN/APA-16-TI WITH EITHER RADIO SET AN/APS-3 OR RADAR SET AN/APS-4. 4/4/45 CAOW:#12 APR. 45 | | |
| MX-427/U GEN USE PUMP WORTHINGTON TURBINE PUMP TYPE 1 1/4 TG-5 WITH A 1/3 HP MOTOR RATED AT 1725 RPM, 220V/3Ø/60~ AND 1.2 AMPS. WATER PUMP FOR USE IN AN/APS-T3. 2/1/45 FEB. 45 | | | MX-476/APA-16 AN/APA-16 ADAPTER KIT: CONFIDENTIAL ADAPTER KIT FOR ADAPTING AN/APA-16 FOR USE WITH ROCKETS. CONSISTS OF ADAPTER UNIT TD-6/APA-16, MOUNTING PLATE MT-424/APA-16, ADAPTER PLUG U-47/APA-16 INTERCONNECTING CABLES AND PLUGS AND ACCESSORIES NECESSARY FOR INCORPORATING 5/17/45 CW: MAY 45 | | | MX-510/APS-31 AN/APS-31 VISOR: VISOR, CYLINDRICAL IN SHAPE. FOR USE WITH INDICATOR IO-160/APS-31. SIZE APPROX: 3 5/8" DIA. X 1 3/4" LONG. 4/3/45 CPR: CPR:5L0-1558 APR. 45A 948A | | |
| MX-435/UP TS-147/UP CONFIDENTIAL THERMISTOR ASSEMBLY: CONSISTS OF A BEAD THERMISTOR, TWO TEMPERATURE COMPENSATING THERMISTORS AND THERMISTOR COMPENSATING RESISTOR, ALL MOUNTED TOGETHER ON A THERMISTOR MOUNTING. ENABLES THE MEASUREMENT OF ONE MILLIWATT R.F. POWER OVER BROAD X BAND. 2/8/45 CS: CS:660165 FEB. 45 | | | MX-476/APA-16 NECESSARY WIRING CHANGES IN CONTROL UNIT C-105/APA-16. FIRST PROCURED ON CONTRACT NXS& 87703. | | | MX-511/APS-31 AN/APS-31 VISOR: VISOR, CYLINDRICAL IN SHAPE AT ONE END AND ELLIPTICAL IN SHAPE AT THE OTHER END. FOR USE WITH IO-162/APS-31. SIZE: APPROX. 10 7/8" X 5 3/4" DIA. WT. APPROX 1 LB. 4/3/45 CPR: CPR:5L0-1535 APR. 45A 948A | | |

Army-Navy Designations

4-101

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|---|--------------------|-------------------------------|
| MX-539/U MOOD: RECEPTACLE COVER, STRAIGHT. SIZE: 1" LONG X 1 1/16" DIA.; H. H. BUGGIE PART/ DRWG A233-1; BRASS SHELL SILVER PLATED; 0.200" CABLE OPENING. THREADS ON BACK- END OF UG-226/U RECEPTACLE. USED TO COU- PLE COAXIAL CABLES SUCH AS RG-58/U, 5/3/45 MAY 45 | | | MX-565/GPS ON RADIO SET SCR-575-(C) TO ENABLE THE TRANSMISSION OF DIRECTION FINDER DATA FROM SCR-575-(C) TO PPI SCOPE OF NAVY MODEL SP-1M. | | | 0-9/APS-T1 AN/APS-T1 OSCILLATOR: CONFIDENTIAL PROVIDES PROPER "IF" FREQUENCY TO PERMIT OPERATION OF EQUIPMENT WITH ASSOCIATED UNITS OF RADAR SET AN/APS-2 SERIES, AN/APS-3, AND ASD SERIES. MOUNTS IN AND IS PART OF MD-14/APS-11. 10/23/43 CEJ: AUG. 44 | | |
| RG-59/U TO UG-266/U RECEPTACLE. SUPPORTS CABLE AND PROVIDES A SURFACE TO SOLDER BRAID WIRES. | | | COMPONENT INDICATOR "O" OSCILLATOR MASTER FREQUENCY, AUDIO, BEAT-FREQUENT OR HETERODYNING | | | 0-11/MPN-1A AN/MPN-1A AURAL SIGNAL UNIT: FRONT PANEL AND CHASSIS CONSTRUCTION. CONTAINS THE CIRCUITS NECESSARY FOR CON- VERTING AZIMUTH DEVIATION OF INCOMING PLANES INTO AN AUDIO SIGNAL WHOSE CHARACTERISTIC TONE INDICATES BOTH THE DIRECTION & MAGNITUDE OF THE DEVIATION. 1/5/44 CRR: CRR: AN 91810 MAR. 44 | | |
| MX-543/U GEN. USE MOOD: RECEPTACLE COVER, STRAIGHT. SIZE: 1" LONG X 1 1/16" DIA. BRASS SHELL SILVER PLATED, 23/64" CABLE OPENING. THREADS ON BACK END OF RECEPTACLE UG-266/U. USED TO COUPLE COAXIAL CABLES SUCH AS RADIO FRE- QUENCY CABLE RG-8/U, RG-9/U, AND 5/2/45 MAY 45A | | | 0-1/ASQ-1 AN/ASQ-1 OSCILLATOR: CONFIDENTIAL SET BOX WHICH ACTS AS DRIVER AND VOLTAGE REGULATOR. CONTAINS A VACUUM TUBE OS- CILLATOR AND AN ELECTRONIC VOLTAGE REGULATOR. SUPPLIES AC AND DC VOLTAGE TO AMPLIFIER AM-1/ASQ-1 AND DYNAMOTOR UNIT DY-4/ASQ-1. 1/29/43 CLU: AUG. 43 CLX:CGO: | | | 0-11/MPN-1A AUDIO SIGNAL IS APPLIED TO THE COM- MUNICATION SYSTEM. DIMENSIONS: 19" X 18 1/2" X 8 3/4". POWER INPUT: 117V AC & 300V DC. SIMILAR TO BUT NOT INTER- CHANGEABLE WITH 0-8/MPN-1. | | |
| RG-11/U TO RECEPTACLE UG-266/U. SUPPORTS CABLE AND PROVIDES A SURFACE TO SOLDER BRAID WIRES. MH BUGGIE PART/DWG. A-199-2. | | | 0-2/FRC AN/FRT-1 OSCILLATOR: COMPRISES A VACUUM TUBE OSCILLATOR WITH KEYER TUBE & POWER SUPPLY FOR REMOTE KEYING OF RADIO TRANSMITTER T-4/FRC & RADIO TRANSMITTER T-5/FRC. THREE OPERAT- ING FREQUENCIES AVAILABLE. POWER SOURCE 115 VOLTS, SINGLE PHASE, 50-60 CYCLES. 12/22/43 CKV: CKV:MX-07169 JUN. 44 | | | 0-12/UPH-1 AN/UPH-1 OSCILLATOR: CONFIDENTIAL PROVIDES R.F. SIGNAL IN FREQUENCY RANGE OF 155 TO 235 MC. INCLUDES PROVISIONS FOR ATTENUATING THE R.F. OUTPUT 0 TO 80 DB. FROM A REFERENCE LEVEL OF 1 VOLT. USED FOR TESTING RECEIVER SENSITIVITY MUST BE USED WITH SCOPE & MODULATING 1/24/44 CMC: MAR. 45 | | |
| MX-561/TPS-1B AN/TPS-1B CS-762 MODIFICATION KIT: CONFIDENTIAL MODIFICATION KIT INCLUDING SUITABLE DELAY LINES, COHERENT OSCILLATOR, STABLE LOCAL OSCILLATOR, MODULATOR AND ASSOC- IATED ADDITIONAL COMPONENTS FOR MOD- IFYING RADIO SET AN/TPS-1B TO PERMIT MOVING TARGET INDICATION (MTI) ON EX- 5/24/45 MAY 45B | | | 0-2/FRC CHASSIS, PANEL MOUNTED, APPROXIMATELY 19" W. 8" H, AND 10" D; STANDARD 19" RACK. | | | 0-12/UPH-1 CIRCUITS OF CONSOLE RACK MT-189/UPH-1. MOUNTS IN CONSOLE RACK MT-189/UPH-1. | | |
| MX-561/TPS-1B LISTING INDICATOR. MF'R: WESTERN ELECTRIC CO. USED WITH BUT NOT PART OF RADIO SET AN/TPS-1B. FIRST PROCURED ON CONTRACT N58r-4644 (NAVY). | | | 0-3/ASQ-3 AN/ASQ-3 OSCILLATOR: CONFIDENTIAL CONSISTS OF OSCILLATORS, FILTERS, AMPLI- FERS AND FREQUENCY DOUBLERS. FOR USE IN 28 VOLT PLANES. 3/16/43 CM:D-163932 APR. 43 | | | 0-13/UPM-1 AN/UPM-1 OSCILLATOR: CONFIDENTIAL PROVIDES R.F. SIGNAL IN FREQUENCY RANGE OF 460 TO 570 MC. INCLUDES PROVISION FOR THE R.F. OUTPUT 10 TO 80 DB. FROM A REFERENCE LEVEL OF 1 VOLT. USED FOR TESTING RECEIVER SENSITIVITY. MUST BE USED WITH SCOPE & MODULATING CIRCUITS OF 1/24/44 CMC: MAR. 45 | | |
| MX-564/U RE-49A-403 ARMOR CLAMP: BRASS, SILVER PLATED. CLAMPS ARMOR OF RADIO FREQUENCY CABLE RG-10/U WITH TYPE "N" AND "HN" IMPROVED CONNECTORS. SIZE: 0.687" DIA. X 0.771" LONG. USED WITH RADIO FREQUENCY PLUG UG-21/U AND OTHER IMPROVED TYPE "N" AND "HN" CONNECTORS. 5/29/45 MAY 45 | | | 0-4/ARC-5 AN/ARC-5 CRYSTAL FREQUENCY RESTRICTED GENERATOR: PROVIDES FOR TWO CRYSTALS WITHIN THE FREQ RANGE OF 1 TO 10 MC;USED WITH AN/ARC-5 EQUIPMENT FOR TUNING RE- CEIVERS. INPUT: 28 V DC. APPROXIMATE DIMENSIONS: 6" WIDE, 5" DEEP AND 5" HIGH. WEIGHT 2.1 POUNDS. FITS MOUNTING 7/1/43 CBY:9369 JULY 43 | | | 0-13/UPH-1 CONSOLE RACK MT-189/UPH-1. MOUNTS IN CONSOLE RACK MT-189/UPH-1. | | |
| MX-565/GPS RE 69Z 192 MODIFICATION KIT: RESTRICTED ADAPT SCR-575-(C) FOR USE WITH NAVY MODEL SP-1M. INTERCONNECTS RADIO SET SCR-575-(C) WITH NAVY MODEL SP-1M, CON- SISTS OF 5G SYNCHRO UNIT, GEAR, CONNec- TORS AND CABLES. FIRST PROCURED ON NAVY CONTRACT NXsr-93189. KIT TO BE INSTALLED 5/29/45 CM: MAY 45A | | | MT-77/ARC-5. | | | 0-16/ART-13 AN/ART-13 OSCILLATOR: RESTRICTED LOW FREQUENCY OSCILLATOR COVERING THE RANGE OF 200 TO 1500 KC. TO BE INSERTED IN RADIO TRANSMITTER T-47/ART-13, TO PROVIDE AN ADDITIONAL CHANNEL FOR LOW FREQUENCY TRANSMISSION. UTILIZES NECES- SARY SWITCHING CIRCUITS, POWER ANPLI- 2/16/44 AUG. 44 | | |

CONFIDENTIAL

NAVSHIPS 900,109

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

0-16/ART-13
 FIER AND POWER SUPPLY OF THE RADIO TRANSMITTER T-47/ART-13 FOR COMPLETE LOW FREQUENCY OPERATION.

0-30/CPW
 LIFIES THE TRIGGER VOLTAGE AND SUPPLIES A POSITIVE OR NEGATIVE SUPPRESSION VOLTAGE TO A MAXIMUM OF TWO BEACONS. SIZE APPROX. 10 3/4" X 18" X 22". WT. APPROX. 106 LBS. NRL PROB. S-974. INCLUDES SELF CONTAINED RECTIFIER. INPUT: 115/10/50-2400-

0A-1/APS-6-T1 AN/APS-6-T1
 RACK - PANEL ASSEMBLY: CONFIDENTIAL A RACK AND PANEL ASSEMBLY WHICH PROVIDES HOUSING FOR AND INCLUDES INDICATOR UNIT ID-140/APS-6-T1, ALTITUDE DIFFERENTIAL UNIT CN-5/APS-6-T1, FIGHTER SIMULATOR POWER UNIT PP-170/APS-6-T1, INTERPHONE AMPLIFIER AM-97/APS-6-T1. ALSO INCLUDES 1/29/45 CATY: JAN. 45

0-17/ART-13A AN/ART-13
 OSCILLATOR: RESTRICTED LOW FREQUENCY OSCILLATOR COVERING THE RANGE OF 200 TO 600 KC. TO BE INSERTED IN RADIO TRANSMITTER T-47/ART-13 TO PROVIDE AN ADDITIONAL CHANNEL FOR LOW FREQ. OPERATION. UTILIZES NECESSARY SWITCHING CIRCUITS POWER AMPLIFIER AND POWER 2/15/44 FEB. 44

0-31/FPN-1 AN/FPN-1 CONFIDENTIAL
 TRIGGER GENERATOR: CONTAINS A TRIGGER GENERATOR CIRCUIT FOR SUPPLYING THE NECESSARY SYSTEM TRIGGERS. INPUT 115V/10/60- AND 300V OC @ 20 MA AND -102V DC @ 5 MA. OUTPUT: 100V NEGATIVE TRIGGER, 2000 PULSES/SEC; 120V POSITIVE TRIGGER, 2000 PULSES/SEC; 50V POSITIVE TRIGGER, 2000 PULSES/SEC. 12/20/44 DEC. 44

0A-1/APS-6-T1
 JUNCTION BOX, FIGHTER AND TARGET FLIGHT INSTRUMENTS, AND "HITS" AND "SHOTS" INDICATORS. SIZE APPROX 21" X 16" X 72".

0-17/ART-13A
 SUPPLY OF THE RADIO TRANSMITTER T-47/ART-13 FOR COMPLETE LOW FREQUENCY OPERATION. SAME AS OSCILLATOR 0-16/ART-13 EXCEPT THAT IT PROVIDES MORE STABLE OPERATION AND COVERS A NARROW BAND OF FREQUENCIES (200-600KC.).

0-31/FPN-1
 TIVE TRIGGER, 2000 PULSES/SEC.

0A-17/APA-16-T1 CONFIDENTIAL
 OPERATING ASSEMBLY: ASSEMBLY IS TO BE USED BY STUDENT RADAR OPERATOR IN CONJUNCTION WITH RADAR TRAINING SET AN/APA-16-T1. CONSISTS OF TABLE 20" HIGH WITH 24" SQUARE TOP, A MOUNTING FOR INDICATING SCOPE (EITHER REPEATER-INDICATOR ID-19/APS-3 OR IN-3/26/45 CAOM: #10 MAR. 45

0-21/GPS-T1 AN/GPS-T1
 OSCILLATOR: CONFIDENTIAL RELAXATION OSCILLATOR AND AMPLIFIER WITH BUILT IN RECTIFIER POWER UNIT. PROVIDES OUTPUT OF ABOUT 125V. AT FREQUENCIES FROM 30 TO 110 CYCLES/SEC FOR DRIVING THE LINK AIRCRAFT SIMULATOR MX-166/GPS-T1. INPUT 110V/10/60-. 3/27/44 JULY 44

0-33/APS-T3 AN/APS-T3 CONFIDENTIAL
 CRYSTAL DRIVER: ACCEPTS A PULSE FROM ASSOCIATED RADAR WHICH TRIGGERS A 15 MC OSCILLATOR AND SENDS OUT A 15 MC PULSE OF APPROX 1 MICROSEC. DURATION TO THE CRYSTAL CARTRIDGE MX-395/APS-T3. ALSO PROVIDES FOR BLOCKING SIGNAL TO PREAMPLIFIER CON-12/30/44 JAN. 45

0A-17/APA-16-T1
 DICATOR ID-11/APS-4). AN INDICATOR AMPLIFIER (EITHER AM-5/APS-4 OR AM-5A/APS-4), CONTROL UNIT C-106/APA-16, A BUAE0 TYPE RL-5 INTERPHONE STATION AND A "BOE" RELEASE BUTTON.

0-21/GPS-T1
 36V. TRANSFORMER MOUNTED ON WIND DRIFT ASSEMBLY MX-167/G-T1A FURNISHES POWER. CHASSIS 24" X 5" X 5".

0-33/APS-T3
 VERTER AM-89/APS-T3 FOR OPERATION OF TRANSMITTING PULSE. INCLUDES INPUT AMPLIFIER, OSCILLATOR, POWER AMPLIFIER AND BLOCKING MULTIVIBRATOR CIRCUITS. MOUNTS IN CABINET CY-379/APS-T3.

0A-27/APS-6-T5 AN/APS-6-T5
 RACK ASSEMBLY: PLYWOOD, GREEN LOCKER FINISH. SIZE: 35" X 28" X 21". LINK AVIATION DEVICES.. NAVY CONTRACT #0AS-5142. A RACK ASSEMBLY WHICH PROVIDES HOUSING FOR AND INCLUDES ATTITUDE CORRECTION UNIT CN-56/APS-6-T5, 4 SERVO 5/24/45 CATY: JUN. 45A BUAE0 CATY:310162

0-24/GPS-T1A AN/GPS-T1A CONFIDENTIAL
 OSCILLATOR: RELAXATION OSCILLATOR AND AMPLIFIER WITH RECTIFIER POWER UNIT. PROVIDES OUTPUT OF 125V. AT FREQUENCY OF 30 TO 110 CPS FOR DRIVING THE LINK AIRCRAFT SIMULATOR MX-261/GPS-T1A. MOUNTED ON 8" X 14" X 3" CHASSIS. INPUT 110V-10/60-. 7/26/44 JULY 44

0-40/APS-4 AN/APS-4 RESTRICTED
 BEACON TUNING OSCILLATOR: AF OSCILLATOR OPERATING AT 70-/SEC. SIZE 6" X 2" X 1". INPUT 150V DC AND 6.3V AC. CHASSIS SERVES AS GROUND FOR INPUT & OUTPUT. CONTAINS RELAXATION OSCILLATOR TO PROVIDE SAW TOOTH VOLTAGE APPLIED TO BEACON LOCAL OSCILLATOR REPEL-4/20/45 CW: MAY 45A 948g

0A-27/APS-6-T5
 AMPLIFIER AM-93/APS-6-T1, AND JUNCTION BOX J-133/APS-6-T5. PART OF RADAR TRAINING SET AN/APS-6-T5.

0-26/APS-T2 AN/APS-T2
 OSCILLATOR: CONFIDENTIAL PROVIDES 60 MC. "IF" FREQUENCY WHICH IS MODULATED BY VIDEO SIGNALS IN MODULATOR MD-37/APS-T2 TO PERMIT OPERATION WITH SCR-717A OR SCR-717B. MOUNTS IN AND IS PART OF MD-37/APS-T2.

0-40/APS-4
 LER TO PROVIDE FOR SECTOR SWEEP OF BEACON LOCAL OSCILLATOR FREQUENCY. ALSO INCLUDES 4 PIN RECEPTACLE. MOUNTS IN AND IS PART OF RT-5A/APS-4 AND RT-104/APS-4A.

POLE FITTINGS "PF"
 CABLE HANGERS, CLAMP, PROTECTORS, ETC.

8/4/44 CEX: AUG. 44

0-30/CPW AN/CPW-6.8.3 CONFIDENTIAL
 SUPPRESSION GENERATOR UNIT TO PREVENT NEARBY RADARS FROM TRIGGERING RADAR BEACON AN/CPW-6.8.3 AND YJ SERIES. RECEIVES SYNCH VOLTAGE FROM INTERFERING RADARS (A MAXIMUM OF FOUR) AMPLIFIES, INVERTS THIS VOLTAGE AND TRIGGERS A MULTIVIBRATOR, REAMP-12/18/44 APR. 45A 9Y8

COMPONENT INDICATORS "0A" OPERATING ASSEMBLIES
 OPERATING UNITS MOUNTED TOGETHER NOT OTHERWISE COVERED

PF-201/GTC
 PROTECTOR: A LIGHTNING PROTECTOR FOR PROTECTION OF TELEPHONE EQUIPMENT CONSISTS OF W.E. CO. #84A PROTECTOR MOUNTING, 10 W.E. CO. #84A PROTECTOR MOUNTING, 10 W.E. CO. #26 AND 10 W.E. CO. #30 PROTECTOR BLOCKS MOUNTED IN AN IRON BOX FOR POLE MOUNTING. 9/23/44 SEPT. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-103

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|--|-----------------------|--------------------|---|
| | | PHOTOGRAPHIC ARTICLES "PH" | | | PH-536/UFA-1 | | | PH-554/UP |
| | | CAMERA, PROJECTOR, SENSITOMETER, ETC. | | | SCREEN LARGE ENOUGH TO ACCOMMODATE A 12" PICTURE, INCLUDES A SUITABLE MECHANISM FOR MOVING THE FILM THRU THE GATE OF THE PROJECTOR AND A REEL FOR TAKING UP THE FILM DRIVER BY A HAND CRANK. | | | THE WATCH, RANGE INDICATOR AND DATA PAD. DIMENSIONS: 15 1/4" X 9" X 9". WEIGHT: 10 LBS. |
| | | PH-522/AXT-2 AN/AXT-2 RE 13A864A | | | PH-536/AXS-1 AN/AXS-1 | | | COMPONENT INDICATORS "PP" POWER PACKS |
| | | CONVERSION UNIT: CONFIDENTIAL TELEVISION CAMERA WHICH CONVERTS AN OPTICAL IMAGE INTO VARIATIONS OF VOLTAGE MAGNITUDES WHICH ARE AMPLIFIED AND PASSED ON TO THE RADIO TRANSMITTER T-61/AXT-2. CONSISTS OF PICK UP TUBE, VIDEO AMPLIFIERS, ELECTRON BEAM DEFLECTION CIRCUITS. 2/12/44 SEPT. 44 | | | CONVERSION UNIT: CONFIDENTIAL IMAGE ORTHICON CONVERSION UNIT WHICH CONVERTS AN OPTICAL IMAGE (SCENE) INTO AN ELECTRICAL SIGNAL HAVING A BAND EXTENDING FROM 40- TO 5 MC. SIGNAL IS FED INTO AMPLIFIER-CONTROL UNIT C-138/AXS-1 WHICH IN TURN FEEDS A VIDEO 6/4/44 MAY 44 | | | NON-ROTATING MACHINE TYPES SUCH AS VIBRATOR PACKS, RECTIFIERS, BATTERY CHARGERS, ETC. |
| | | PH-522/AXT-2 | | | PH-536/AXS-1 | | | PP-1/FRC AN/FRT-1 |
| | | A HIGH VOLTAGE GENERATOR CIRCUIT AND SYNCHRONIZING SIGNAL GENERATOR CIRCUIT. DIMENSION APPROX. 9" X 12" X 20". WT. APPROX. 36 LBS. NAVY DESIGNATION, CRV-59AAE. | | | TRANSMITTER. USED WHERE SENSITIVITY AND NEAR INFRARED RESPONSE IS DESIRED. INCLUDES DEFLECTION, AMPLIFYING, BLANKING AND HIGH VOLTAGE RECTIFIER CIRCUITS. INPUT 26V DC AND 250V DC. SIMILAR TO NAVY TYPE CRV-59AAG EXCEPT FOR WIDER FREQUENCY RANGE AND IMPROVED CIRCUITS AND DOES NOT INCLUDE A SYNCHRONIZING GENERATOR. | | | POWER RECTIFIER: DUSTPROOF CABINET CONSTRUCTION APPROXIMATELY 30" W, 60" H, AND 30" D, WITH FORCED VENTILATION. SUPPLIES ALL POWER FOR PLATE, FILAMENT, AND CONTROL CIRCUITS OF RADIO TRANSMITTER T-4/FRC AND T-5/FRC AS WELL AS MODULATOR MD-1/FRC. WILL 6/7/44 JUN. 44 |
| | | PH-533/UFA-1 AN/UFA-1 | | | PH-537/AXS-1 AN/AXS-1 | | | PP-1/FRC |
| | | CAMERA: CONFIDENTIAL CAMERA IS A STURDY DESIGNED 35 MM. DOUBLE FRAME WITH 1000 FT FEED MAGAZINE. CONSTRUCTED SO AS TO FEED THE EXPOSED FILM DOWNWARD THRU ITS BASE INTO THE PROCESSING UNIT PH-534/UFA-1 ON WHICH IT IS MOUNTED. CAMERA IS ARRANGED FOR CON- 5/4/44 MAY 44 | | | CONVERSION UNIT: CONFIDENTIAL 4 1/2" ORTHICON CONVERSION UNIT WITH MULTIPLIERS WHICH CONVERTS AN OPTICAL IMAGE (SCENE) INTO AN ELECTRICAL SIGNAL HAVING A BAND EXTENDING FROM 40- TO 5 MC. SIGNAL IS FED INTO AMPLIFIER-CONTROL UNIT C-138/AXS-1 WHICH IN TURN FEEDS A 5/4/44 MAY 44 | | | OPERATE FOUR TRANSMITTER UNITS AND ONE MODULATOR UNIT SIMULTANEOUSLY. OPERATES FROM 230 VOLTS, 50 TO 60 CYCLES, SINGLE PHASE SOURCE. IDENTICAL TO POWER RECTIFIER PP-5/FRC. |
| | | PH-533/UFA-1 | | | PH-537/AXS-1 | | | PP-4/APQ-2 AN/APQ-2 |
| | | TINUOUSLY ROTATING POWER DRIVE DERIVED FROM MOTOR DRIVE SYSTEM OF PROCESSING UNIT PH-534/UFA-1. LENS AXIS IS HORIZONTAL. ALSO INCLUDES A HOOD. | | | VIDEO TRANSMITTER. INCLUDES DEFLECTION, AMPLIFYING, BLANKING AND HIGH VOLTAGE RECTIFIER CIRCUITS. INPUT 26V DC AND 250V DC. SIMILAR TO PH-536/AXS-1 EXCEPT FOR SPECTRAL RESPONSE, SENSITIVITY AND RESOLVING CAPABILITIES. USED WHERE HIGH DEFINITION AND VISUAL SPECTRUM RESPONSE IS DESIRED. | | | RECTIFIER POWER UNIT: RESTRICTED CONSISTS OF THREE RECTIFIER CIRCUITS WITH SEPARATE FILTER CIRCUITS WHICH SUPPLY INDEPENDENT VOLTAGES TO THE RADIO TRANSMITTER T-9/APQ-2. INPUT: 75/80/85V OR 105/115/125V 1Ø 400 TO 2600 CYCLES OUTPUT: 9/250/300MA AT -950/+350/+560 V 4/12/43 CGM: NOV. 43 |
| | | PH-534/UFA-1 AN/UFA-1 | | | PH-548/AXT-2A AN/AXT-2A | | | PP-4/APQ-2 |
| | | PROCESSING UNIT: CONFIDENTIAL A RAPID FILM PROCESSING UNIT TO CONTINUOUSLY DEVELOP, RINSE, FIX, WASH, HARDEN AND DRY THE FILM AS IT EMERGES FROM THE CAMERA PH-533/UFA-1 MAKING THE FILM AVAILABLE FOR OBSERVATION IN 2 MIN. AFTER EXPOSURE. INCLUDES LIQUID CIRCULATING 5/4/44 MAY 44 | | | CONVERSION UNIT: CONFIDENTIAL IMAGE ORTHICON CAMERA UNIT WHICH CONVERTS AN OPTICAL IMAGE (SCENE) INTO AN ELECTRICAL SIGNAL HAVING A BAND WIDTH OF FROM 40- TO 4.5 MC. CONTAINS OSCILLATOR, SHAPING, DEFLECTION AND BLANKING ELEMENTS, HIGH AND LOW VOLTAGE REGULATORS. 9/23/44 CRV: SEPT. 44 | | | DC & 5 AMPS AT 6.3 VOLTS AC. CONTAINED IN HALF SIZE "ATR" CHASSIS & COVER. FITS MOUNTING BASE #MT-51/UR. |
| | | PH-534/UFA-1 | | | PH-548/AXT-2A | | | PP-5/FRC AN/FRT-1 NXB-33374 |
| | | TUBES AND STORAGE TANKS, PUMPS AND FILM MOVING MECHANISM AND A DRYING CHAMBER WITH HEATING ELEMENT AND BLOWER. | | | AMPLIFYING CIRCUITS AND SYNCHRONIZING SIGNAL GENERATOR. USED IN PLACE OF CONVERSION UNIT PH-522/AXT-2 & NAVY TYPE UNIT CRV-59AAG WHERE GREATER SENSITIVITY AND NEAR INFRARED RESPONSE IS DESIRED. SIMILAR TO AND MECHANICALLY INTERCHANGEABLE WITH PH-522/AXT-2 (NAVY TYPE CRV-59AAE) AS WELL AS CONVERSION UNIT CRV-59AAG. FIRST PROCURED ON CONTRACT NXSB-43385. | | | POWER RECTIFIER: SUPPLIES ALL POWER FOR PLATE FILAMENTS & CONTROL CIRCUITS OF TRANSMITTERS T-4/FRC AND T-5/FRC AS WELL AS MODULATOR MD-1/FRC. WILL OPERATE 4 TRANSMITTER UNITS AND 1 MODULATOR UNIT SIMULTANEOUSLY. OPERATES FROM 230 VOLTS, 50 TO 60 12/22/43 CRV: CKV:MX-07168 JUN. 44 |
| | | PH-535/UFA-1 AN/UFA-1 | | | PH-554/UP | | | PP-5/FRC |
| | | FILM VIEWER: CONFIDENTIAL CONSISTS OF 35 MM. SLIDE FILM PROJECTOR EQUIPPED WITH A 300W LIGHT SOURCE, A RHEOSTAT TO CONTROL THE BRIGHTNESS, A BLOWER, A SUITABLE LENS SYSTEM AND AN ARRANGEMENT FOR MOVING THE FILM FREELY THRU THE GATE. INCLUDES A TRANSLUCENT 5/4/44 MAY 44 | | | INDICATOR CAMERA: AN/APS-20 RESTRICTED USED TO PROVIDE A MEANS OF RECORDING PPI PICTURES. CONSISTS OF A CAMERA MOUNTED ON A "STOVE PIPE" 14" X 6", INCLUDES A BOX BUILT ON THE SIDE TO HOLD CLAMP FOR WATCH, RANGE INDICATOR AND DATA PAD. ALSO INCLUDES ILLUMINATION FOR 12/9/44 DEC. 44 | | | CPS. SINGLE PHASE SOURCE. HOUSED IN DUST-PROOF CABINET APPROXIMATELY 30" W, 60" H, AND 30" D, WITH FORCED VENTILATION. MAY BE REPLACED BY PP-1/FRC. |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--------------------|---|---|--------------------|---|-----------------------|--|-------------------------------|---|--------------|--|-------------|--|--|--------------|---|-------------|---|--------------|--|-------------|---|--------------|--|--------------|---|-------------|--|--------------|--|--------------|--|-------------|--|----------|---|----------------|--|--------------|---|----------|--|----------------|--|
| PP-8/CPN-3 | AN/CPN-3 | RESTRICTED POWER SUPPLY: USED AS A HIGH VOLTAGE POWER SUPPLY FOR RADIO TRANSMITTER T-8/CPN-3. PROVIDED WITH AN INTERNAL AUTO-TRANSFORMER FOR OPERATION ON 115 OR 230/150-70. OUTPUT 115/150-70 & 15,000 V DC. IS BUILT INTO LOWER PART OF METAL CASE WHICH ALSO 4/29/43 CPR:358-4456 CPR:358-4456 OCT. 43 | UNITS USE ONE TRANS-PP-12A/APS-3 FORMER, THREE -5U4G TUBES & A -6X5G TUBE. THESE POWER SUPPLIES ARE REGULATED BY MEANS OF THREE -VR105, ONE -VR150, ONE -6V6GT, & ONE -6AC7 TUBES. POWER UNIT IS TO BE SUPPLIED WITH 115/1/800-2400 & 26V DC FURNISHES 255/150/150/300/425V DC & 4500 V DC. SIMILAR TO PP-12/APS-3 EXCEPT FOR CIRCUIT IMPROVEMENTS TO ENABLE OPERATION AT HIGHER ALTITUDES.. | PP-20/APA-6 | AN/APA-6 RECTIFIER POWER UNIT: RESTRICTED INPUT: 100 WATTS AT 105-125 VOLTS SINGLE PHASE, 60-2800 CYCLES. MOUNTS ON BACK OF INDICATOR ID-33/APA-6. 8/27/43 CGG: SEPT 43 | PP-8A/CPN-3 | AN/CPN-3 POWER SUPPLY: RESTRICTED USED AS A H.V. POWER SUPPLY FOR RADIO TRANSMITTER T-8/CPN-3. PROVIDED WITH AN INTERNAL AUTO TRANSFORMER FOR OPERATION ON 115 OR 230V/150 TO 70-. OUTPUT 115/150-70- AND 15,000 V DC. HOUSES RADIO TRANSMITTER T-8/CPN-3. SAME AS PP-8/CPN-3 1/27/44 CPR: JAN. 44 | PP-12AH/APS-3 | AN/APS-3AM RECTIFIER POWER UNIT: RESTRICTED CONSISTS OF TWO FULL WAVE RECTIFIERS, TWO HALF WAVE RECTIFIERS, & VOLT. REGULATOR CIRCUITS. ONE OF THE HALF WAVE RECTIFIERS UTILIZES A -2X2 TUBE & TRANSFORMER TO PROVIDE 4500V DC TO THE INDICATOR CATHODE -RAY TUBES, THE REMAINING 3/24/45 CPR: 948A MAR. 45B | PP-20A/APA-6 | AN/APA-6 RECTIFIER POWER UNIT: RESTRICTED INPUT: 100 WATTS AT EITHER 105-125 OR 75-85 VOLTS, SINGLE PHASE, 60-2800 CYCLE: BY MEANS OF A TAPPED TRANSFORMER. FITS ON BACK OF INDICATOR ID-33/APA-6. CANCELLED 8/27/43 CGG: JAN. 44 | PP-8A/CPN-3 | AN/CPN-3 POWER SUPPLY: RESTRICTED USED AS A H.V. POWER SUPPLY FOR RADIO TRANSMITTER T-8/CPN-3. PROVIDED WITH AN INTERNAL AUTO TRANSFORMER FOR OPERATION ON 115 OR 230V/150 TO 70-. OUTPUT 115/150-70- AND 15,000 V DC. HOUSES RADIO TRANSMITTER T-8/CPN-3. SAME AS PP-8/CPN-3 1/27/44 CPR: JAN. 44 | RECTIFIER UNITS USE ONE PP-12AM/APS-3 TRANSFORMER, THREE -5U4G TUBES & A -6X5G TUBE. THESE POWER SUPPLIES ARE REGULATED BY MEANS OF THREE VR105, ONE VR150, ONE 6V6GT, & ONE 6AC7 TUBES. POWER UNIT IS TO BE SUPPLIED WITH 115/1/800-2400 & 26V DC FURNISHES -255/-105/105/300/425V DC & 4500V DC. SIMILAR TO PP-12A/APS-2 EXCEPT FOR CIRCUIT CHANGE IN -105V. CIRCUIT. | PP-21/APA-6X | AN/APA-6X RECTIFIER POWER UNIT: RESTRICTED INPUT: 100 WATTS AT EITHER 105-125 OR 75-85 VOLTS, SINGLE PHASE, 400-2800 CYCLES BY MEANS OF A TAPPED TRANSFORMER. FITS ON BACK OF INDICATOR ID-33/APA-6. 8/27/43 CGG: SEPT 43 | PP-16/APS-6 | AN/APS-6 RECTIFIER POWER UNIT: RESTRICTED CONTAINS POWER SUPPLY FOR RECEIVER AMPLIFIER & CONVERTER PORTION OF TRANSMITTER-CONVERTER UNIT RT-17/APS-6. INPUT: 26 V DC & 115/1/800-2400. SIZE: ONE STANDARD ATR RACK. 7/24/43 CAT: MAR. 44 | PP-37/APS-6A | AN/APS-6A RE-9088A RECTIFIER POWER UNIT: RESTRICTED CONTAINS POWER SUPPLY FOR RECEIVER AMPLIFIER & CONVERTER PORTION OF TRANSMITTER-CONVERTER UNIT. INPUT: 26 V DC & 115/1/800-2400. SIZE: ONE STANDARD ATR RACK. SIMILAR TO PP-16/APS-6 EXCEPT FOR CABLE CONNECTIONS. 10/12/43 CAY: CANCELLED MAR. 44 REPLACED BY PP-16/APS-6 | PP-10/APR-1 | AN/APR-1 RECTIFIER POWER UNIT: RESTRICTED INPUT 80/115 V 1 PHASE 60 TO 2600 CY. APPROX. 115 W. PROVIDES THE VARIOUS POWER REQUIREMENTS FOR THE ENTIRE EQUIPMENT. SUPPLIES 115/250 V DC AT 115/55 MA. NESP. AND 6.3 V AC AT 5 A. MOUNTS ON CHASSIS MX-24/APR-1 AND CAN BE REMOVED. 7/28/43 CGG: OCT. 43 | PP-16A/APS-6 | AN/APS-6 RECTIFIER POWER UNIT: RESTRICTED CONTAINS POWER SUPPLY FOR RECEIVER AMPLIFIER & CONVERTER PORTION OF TRANSMITTER-CONVERTER UNIT RT-17/APS-6 AND RT-32/APS-6A. INPUT: 26 V DC & 115/1/800-2400. SIZE: ONE STANDARD ATR RACK. SAME AS PP-16/APS-6 EXCEPT INCLUDES 3/13/44 CAT: MAR. 44 | PP-38/APS-T1 | AN/APS-T1 RECTIFIER POWER UNIT: OPERATES ON 105-120/1/50-60 & PROVIDES -150 & +300 VOLTS DC (REGULATED); -1200, +400, & 5000 VOLTS DC (NON-REGULATED); & 6.3 VOLTS AC. ALSO PROVIDES FACILITIES TO DISTRIBUTE 24 VOLTS DC TO VARIOUS UNITS OF THE EQUIPMENT & PROVIDE THIS TO 2/23/43 CEX: OCT. 43 | PP-12/APS-3 | AN/APS-3 RECTIFIER POWER UNIT: RESTRICTED CONSISTS OF 140 FULL WAVE RECTIFIERS, TWO HALF WAVE RECTIFIERS, & VOLTAGE REGULATOR CIRCUITS. ONE OF THE HALF WAVE RECTIFIERS UTILIZES A -2X2 TUBE & TRANSFORMER TO PROVIDE 4500 V DC TO THE INDICATOR CATHODE-RAY TUBES. THE REMAINING RECTIF- 5/24/43 CPR: CPR:5LO-579 MAY 44 | PP-16A/APS-6 | AN/APS-6 VOLTAGE REGULATOR TUBE AND ASSOCIATED CIRCUIT CHANGES. | PP-38/APS-T1 | AN/APS-T1 VOLTAGE PLUS 105-120/1/400 TO ASSOCIATED UNITS OF RADAR SET AN/APS-2 (ASG) SERIES OR AN/APS-3 (ASD) SERIES. MOUNTS IN CONSOLE CABINET CY-59/APS-T1. | PP-12/APS-3 | AN/APS-3 FORMER, THREE -5U4G TUBES & A -6X5G TUBE. THESE POWER SUPPLIES ARE REGULATED BY MEANS OF THREE -VR105, ONE -VR150, ONE -6V6GT, & ONE -6AC7 TUBES. THE POWER UNIT IS TO BE SUPPLIED WITH 115/1/800-2400 & FURNISHES -255/-105/105/300/400 V DC AS WELL AS THE 4500 V DC REFERRED TO ABOVE. DESIGNED FOR USE WITH MOUNTING MT-97/APS-3 | PP-18/AR | AIRCRAFT VIBRATOR POWER UNIT: VIBRATOR WITH 14V DC INPUT & 28V DC OUTPUT (NOMINAL) TO OPERATE 28V DC RADIO EQUIPMENTS FROM 14V DC PRIMARY POWER. NOMINAL POWER RATING IS 3.5 AMPS AT 14V DC INPUT. FIRST PURCHASED UNDER NAVY CONTRACT N028-798 TO PROVIDE POWER FOR 8/5/43 CRF: SEPT 43 | PP-43/APS-3-T1 | AN/APS-3-T1 RE 9320A RECTIFIER POWER UNIT: RECTIFIER POWER UNIT WITH INPUT OF 115V/1/400-2400 CYCLES. OUTPUT 115V/1/800-2400 CYCLES AND -105V, +105V, +300V REG, +300V UNREG., +400V. UNREG. DC. PROVIDES FOUR CONNECTORS FOR HIGH VOLTAGE TO FOUR INDICATORS ID-19/APS-3. 11/16/43 CDL: CDL: APR. 44 | PP-12A/APS-3 | AN/APS-3A RECTIFIER POWER UNIT: RESTRICTED CONSISTS OF TWO FULL WAVE RECTIFIERS, TWO HALF WAVE RECTIFIERS, & VOLT. REGULATOR CIRCUITS. ONE OF THE HALF WAVE RECTIFIERS UTILIZES A -2X2 TUBE & TRANSFORMER TO PROVIDE 4500V DC TO THE INDICATOR CATHODE -RAY TUBES. THE REMAINING RECTIFIER 7/4/44 CPR: CPR:5LO-579 AUG. 44 | PP-18/AR | AN/ARN-8. RADIO RECEIVING EQUIPMENT | PP-43/APS-3-T1 | AN/APS-3-T1 ALSO CONTAINS CONTROL FOR SUPPLYING REGULATED VOLTAGE AND 8 FUSE HOLDERS, FOUR OF WHICH ARE SPARES. ONE CONNECTOR PROVIDES ALL THE POWER TO AMPLIFIER AN-15/APS-3-T1. |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|---|---|-----------------------|--|--|
| PP-51/APQ-9 | AN/APQ-9 | RESTRICTED RECTIFIER POWER UNIT: THE POWER UNIT USES FOUR 5R4GY TUBES TO SUPPLY FILAMENT AND PLATE POWER FOR THE MODULATOR AND PLATE POWER FOR THE OSCILLATOR. THE POWER INPUT IS 450 WATTS, 80/115 VOLTS, 400-2600 CYCLES WHICH IS TURNED ON AND OFF BY A SWITCH ON THE 11/26/43 CGH; DEC. 43 | PP-57/CPN-3A | RESTRICTED RECTIFIER POWER UNIT PP-73/CPN-3A. SIMILAR TO PP-8/CPN-3 & PP-8A/CPN-3 EXCEPT HAS WARNING LIGHT AND SHORTING BAR TO DISCHARGE OUTPUT CONDENSER AND INCORPORATES OTHER DESIGN IMPROVEMENTS. | PP-62/NPN-1A | AN/NPN-1A | RESTRICTED RECTIFIER POWER UNIT: THIS UNIT IS OF FRONT PANEL, ANGLE, AND FORMED SHEET CONSTRUCTION. IT CONTAINS THE CIRCUITS SUPPLYING 15 KV DC. TO THE PLATES OF THE MODULATOR TUBES. SIMILAR TO BUT NOT INTERCHANGEABLE WITH: RECTIFIER POWER UNIT PP-26/NPN-1. POWER INPUT 117/1/5/44 CRR:AR96222-1 JAN. 44 | |
| PP-51/APQ-9 | | PANEL OF RADAR TRANSMITTER T-39/APQ-9. THIS UNIT OCCUPIES A 1/2 ATR UNIT. | PP-58/APA-5 | AN/APA-5 | RESTRICTED RECTIFIER: CONTAINS POSITIVE & NEGATIVE REGULATED VOLTAGE SUPPLIES AND HIGH VOLTAGE CATHODE RAY TUBE SUPPLY. USES THE FOLLOWING TUBE COMPLEMENT: 2 TUBE JAN-2X2, 2 TUBE JAN-5R4GY, 3 TUBE JAN 6X5GT/G, 2 TUBE JAN-OCR-BR-105, 4 TUBE JAN-6Y6G 2/25/44 CFN:300794-1 MAR. 45 | PP-62/NPN-1A | | VOLTS A-C. DIMENSIONS: 19" X 26" X 32". |
| PP-52/ARR-9 | AN/ARR-9 | RESTRICTED RECTIFIER POWER UNIT: SUPPLIES THE AC AND DC POWER REQUIRED FOR RELAY RECEIVER R-53/ARR-9 AND RANGE INDICATOR ID-45/ARR-9 INPUT: 115V/10/600-1400 CYCLE FROM RELAY SIGNAL SEPARATOR F-9/ARR-9. OUTPUT: 1950V DC AT 0.0005A., 375V DC, 0.046A, 6.3V 3.3A AC 11/30/43 CADW: NOV. 43 | PP-58/APA-5 | | 3 TUBE JAN-6AG5, 2 JAN-6C4 AND 2 JAN-2050 CONTAINS METER WITH SELECTOR SWITCH FOR MEASURING VARIOUS CIRCUIT VOLTAGES. SIZE IS APPROX. 10" X 7" X 20". AND WT. IS APPROX. 40 LBS. PART OF INDICATOR EQUIPMENT AN/APA-5. | PP-63/NPN-1A | AN/NPN-1A | RESTRICTED RECTIFIER POWER UNIT: THIS UNIT IS OF BOX AND SHELF CONSTRUCTION. IT SUPPLIES THE NECESSARY VOLTAGES FOR OPERATION OF THE SCR-522 EQUIPMENT. POWER INPUT: 117 VOLTS A-C. POWER OUTPUT: 15 VOLTS D-C, -150 VOLTS D-C, 300 VOLTS D-C. DIMENSIONS: 9" X 16" X 12". 1/5/44 CRR: JAN. 44 |
| PP-52/ARR-9 | | TO ID-45/ARR-9; 150V DC, 0.120A, 3.3A AT 6.3V AC TO R-53/ARR-9. SIMILAR TO NAVY MODEL CJP-20-ABB RECTIFIER POWER UNIT. | PP-59/NPN-1A | AN/NPN-1A | RESTRICTED RECTIFIER POWER UNIT: THIS UNIT IS OF FRONT PANEL AND CHASSIS CONSTRUCTION. IT CONTAINS THE CIRCUITS SUPPLYING 300-VOLT ACCURATELY REGULATED POWER TO VARIOUS UNITS. POWER INPUT: 117V. AC POWER OUTPUT 300 VOLTS DC. DIMENSIONS: 19" X 8 3/4" X 18 1/2". 1/5/44 CRR: CRR:AR96241-1 JAN. 44 | PP-63/NPN-1A | | SIMILAR TO BUT NOT INTERCHANGEABLE WITH: SIGNAL CORPS TYPE RA-62-B. |
| PP-53/UPT-1 | AN/UPT-1 | RESTRICTED RECTIFIER POWER UNIT: PROVIDES PROPER POWER SUPPLY FOR TRANSMITTER-MODULATOR UNIT T-42/UPT-1. INPUT 350W AT 80/115V 1-PHASE, 50/60 CYCLES. SIZE ONE A-1 STANDARD "ATR" RACK APPROX. 19 9/16" X 7 5/8" X 4 7/8". 11/30/43 CGW: NOV. 43 | PP-59/NPN-1A | | SIMILAR TO BUT NOT INTERCHANGEABLE WITH: RECTIFIER POWER UNIT PP-22/NPN-1. | PP-64/NPN-1A | AN/NPN-1A | RESTRICTED RECTIFIER POWER UNIT: THIS UNIT IS OF PANEL AND CHASSIS CONSTRUCTION. IT SUPPLIES THE PROPER VOLTAGE FOR OPERATION OF THE TRANSMITTER PORTION OF THE RADIO SET SCR-274 (AN/ARC-5) EQUIPMENT. POWER INPUT: 117-V A.C. POWER OUTPUT: 24V. D.C. 550V. D.C. 1/5/44 CRR: JAN. 44 |
| PP-54/SPA-1 | AN/SPA-1 | RESTRICTED RECTIFIER POWER UNIT INPUT: 100 WATTS AT EITHER 105-125 OR 75-85 VOLTS. SINGLE PHASE, 60-2800 CYCLES BY MEANS OF A TAPPED TRANSFORMER. FITS ON BACK OF AND SUPPLIES POWER TO INDICATOR ID-46/SPA-1. SIMILAR TO PP-20A/SPA-6 EXCEPT VOLTAGE 11/30/43 CGG: NOV. 43 | PP-60/NPN-1A | AN/NPN-1A | RESTRICTED RECTIFIER POWER UNIT: FRONT PANEL AND CHASSIS CONSTRUCTION. CONTAINS THE CIRCUITS SUPPLYING 500V DC ACCURATELY REGULATED POWER TO VARIOUS UNITS. POWER INPUT 117V AC. DIMENSIONS: 19" X 18 1/2" X 8 3/4". SIMILAR TO BUT NOT INTERCHANGEABLE WITH PP-24/NPN-1. 1/5/44 CRR: CRR:AR96240-1 JAN. 44 | PP-64/NPN-1A | | DIMENSIONS: 19" X 8 3/4" X 20". SIMILAR TO BUT NOT INTERCHANGEABLE WITH PP-28/NPN-1. |
| PP-54/SPA-1 | | REGULATOR CIRCUIT HAS BEEN ADDED. | PP-61/NPN-1A | AN/NPN-1A | RESTRICTED RECTIFIER POWER UNIT: FRONT PANEL AND CHASSIS CONSTRUCTION. CONTAINS THE CIRCUITS NECESSARY FOR SUPPLYING 4000 VOLT REGULATED POWER TO THE CATHODE RAY TUBES OF THE SEARCH INDICATOR, AZIMUTH INDICATOR, AND ELEVATION INDICATOR. POWER INPUT 117V AC. 1/5/44 CRR: CRR:AR96239-1 NOV. 44 | PP-65/NPN-1A | AN/NPN-1A | RESTRICTED RECTIFIER POWER UNIT: THIS UNIT IS OF PANEL AND CHASSIS CONSTRUCTION. IT SUPPLIES THE LOW VOLTAGE FOR THE A.T.C. TRANSMITTER. POWER INPUT: 117V. A.C. POWER OUTPUT: 24V D-C. DIMENSIONS: 8 3/4" X 19" X 20". 1/5/44 CRR: JAN. 44 |
| PP-57/CPN-3A | AN/CPN-3A | RESTRICTED POWER SUPPLY: USED AS A H.V. POWER FOR RADIO TRANSMITTER T-58/CPN-3A PROVIDED WITH AN INTERNAL AUTO TRANSFORMER FOR OPERATION ON 115 OR 230V/10/50-70-. OUTPUT 115/1/50-70 AND 15,000 V DC. HOUSES RADIO TRANSMITTER T-58/CPN-3A AND MODULATOR 1/27/44 CPR: JAN. 44 | PP-61/NPN-1A | | DIMENSIONS: 19" X 18 1/2" X 8 3/4" SIMILAR TO BUT NOT INTERCHANGEABLE WITH RECTIFIER POWER UNIT PP-23/NPN-1. | PP-66/NPN-1A | AN/NPN-1A | RESTRICTED RECTIFIER POWER UNIT: THIS UNIT IS OF CHASSIS AND PANEL CONSTRUCTION. IT SUPPLIES THE HIGH VOLTAGE FOR THE OPERATION OF THE A.T.C. TRANSMITTER RADIO TRANSMITTER T-47/ART-15. POWER INPUT: 117 VOLTS A-C. POWER OUTPUT 750 VOLTS D-C, 1050 VOLTS D-C. 1/5/44 CRR: JAN. 44 |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

PP-66/MPN-1A
 DIMENSIONS: 19" X 8 3/4" X 20".

PP-85A/APA-17
 115/10/400-2600. 250V DC AND 1500V DC. SAME AS PP-85/APA-17 EXCEPT HAS DIFFERENT COMPONENT PARTS.

PP-97/AXS-1 AN/AXS-1
 RECTIFIER POWER UNIT: SUPPLIES ELECTRONIC REGULATED 250V. DC & 26V DC TO CONVERSION UNIT PM-556/AXS-1. INPUT 110V/10/400-2400.

5/4/44
 MAY 44

PP-67/MPN-1A AN/MPN-1A
 NEGATIVE POWER RECTIFIER: THIS UNIT IS OF PANEL AND CHASSIS CONSTRUCTION. IT CONTAINS THE CIRCUITS NECESSARY TO SUPPLY -105 AND -210V. D.C. WITH VERY ACCURATE REGULATION TO VARIOUS UNITS. POWER INPUT: 117V. A.C. POWER OUTPUT -105 & -210V. D.C. DIMENSIONS: 1 1/5/44 CRR: CRR:AR96242-1 JAN. 44

PP-91/TPS-1B AN/TPS-1B
 RECTIFIER JUNCTION BOX: CONSISTS A FRAME TYPE CHASSIS WHICH IS THE TERMINATION FOR ALMOST ALL OF PATCHING CABLES FROM THE VARIOUS UNITS. ALSO PERFORMS THE FUNCTION OF A 500-VOLT REGULATED RECTIFIER. RECEPTACLES FOR CONNECTION WITH NAVY TYPE BN IFF EQUIPMENT 4/17/44 CM:X-66171U CM:BL-418497 DEC. 44

P-98/AXS-1 AN/AXS-1
 CTIFIER POWER UNIT: PPLIES ELECTRONIC REGULATED 250V DC D 26V DC TO CONVERSION UNIT -537/AXS-1. INPUT 110V/10/400-2400-. MILAR TO PP-97/AXS-1 EXCEPT FOR CONNECTIONS.

4/44
 Y 44

PP-67/MPN-1A
 19" X 8 3/4" X 18 1/2". SIMILAR TO BUT NOT INTERCHANGEABLE WITH: RECTIFIER POWER UNIT PP-25/MPN-1.

PP-91/TPS-1B
 ARE PROVIDED WITH BOX. INPUT 115/1/400- & 270 DC.

PP-99/AXS-1 AN/AXS-1
 RECTIFIER POWER UNIT: SUPPLIES: 26V DC, 250V DC AND 110V/10/400-2400- TO SYNCHRONIZING GENERATOR SM-15/AXS-1. INPUT 110V/10/400-2400-.

5/4/44
 MAY 44

PP-73/CPN-3A AN/CPN-3A
 RECTIFIER POWER UNIT: RESTRICTED SUPPLIES ALL VOLTAGES FOR MODULATOR MD-21/CPN-3A INPUT 115V/10/50 TO 70-. OUTPUT: 1400V, 600V, 420V., -170V, -840V ALL DC AND 6.3V AC.

PP-92/SPT-6 AN/SPT-6
 RECTIFIER POWER UNIT: RESTRICTED SUPPLIES POWER TO RADAR TRANSMITTER T-78/SPT-6 INPUT 115V/10/60-. OUTPUT: 950V DC @ 150 MA, 350V DC @ 500 MA, 28V DC @ 2A.

4/22/44 CKY:
 APR. 44

PP-106/U GENERAL USE *Req 3347*
 RECTIFIER POWER UNIT: PORTABLE ELECTRONIC REGULATED TRANSFORMER POWER SUPPLY, DESIGNED FOR GENERAL USE WITH TEST EQUIPMENT. THE INPUT VOLTAGE 115 V A-C 10 FREQUENCY 60 TO 1200 C/S. OUTPUT IS D-C VOLTAGE FROM 90 TO 300 VOLTS & CURRENT RANGE OF 0.010 TO 5/25/44 CMG: FEB. 45

1/27/44 CPR:
 JAN. 44

PP-79/UR GENERAL USE
 RECTIFIER POWER UNIT: SUPPLIES POWER FOR OPERATING FREQUENCY METER TS-173/UR INPUT 105-125V, 10, 50-60- OUTPUT 180V DC. & 6.3V AC. INCLUDES INPUT AND OUTPUT RECEPTACLES. DIMENSIONS 9" X 9" X 5". WT. 18 LBS. FITS IN CASE CY-133/UR WHICH IS PART OF TS-173/UR. 3/21/44 MAR. 44

PP-92A/SPT-6 AN/SPT-6A
 RECTIFIER POWER UNIT: RESTRICTED SUPPLIES POWER TO RADAR TRANSMITTER T-78/SPT-6 OR T-78A/SPT-6. INPUT 115V/10/60-. OUTPUT: 950V DC @ 150 MA, 350V DC @ 500 MA, 28V DC @ 2A. SIMILAR TO PP-92/SPT-6 EXCEPT HAS IMPROVED DESIGN.

12/28/44 CKY:
 DEC. 44

PP-106/U
 0.08 AMPERES. THE OUTPUT VOLTAGE IS CONTROLLED BY A POTENTIOMETER. A VOLTMETER 0-500 VOLTS D-C IS INCLUDED ON FRONT PANEL. THIS UNIT INCLUDES 2 CABLES TO CONNECT THE POWER SUPPLY TO EITHER THE TS-24/A OR LM SERIES TEST EQUIPMENT. THE REGULATION OF DC VOLTAGE IS 1% WITH VARIATIONS IN LINE VOLTAGES OF 10%. APPROX. OVERALL SIZE IS 6" X 7 27/32" X 9 9/16". APPROX. WT. 16/.

PP-83/GPS-T1 AN/GPS-T1
 RECTIFIER POWER UNIT: PROVIDES AC AND DC POWER TO SIMULATOR UNIT MX-169/GPS-T1 INPUT 110V/10/60-. OUTPUT: 300V DC, 6.3V AC, AND 36V. A.C. CHASSIS SIZE 23" X 5" X 2".

PP-93/CPN-6 AN/CPN-6
 TRANSMITTER POWER SUPPLY: MOUNTS IN TRANSMITTER CABINET CY-169/CPN-6. CONTAINS THE NECESSARY TRANSFORMERS, CAPACITORS REQUIRED TO SUPPLY 15 KV TO PLATE OF TRANSMITTER. INPUT 110V/10/50-70-.

4/29/44 CCG:
 APR. 44

PP-117/GPS-T1A AN/GPS-T1A CONFIDENTIAL
 RECTIFIER POWER UNIT: PROVIDES AC AND DC POWER TO SIMULATOR UNIT MX-264/GPS-T1A. INPUT 110V/10/60-. OUTPUT 300V. DC AND 6.3V AC AND 28V AC CHASSIS SIZE 8" X 14" X 3". UNIT IS SAME AS PP-83/GPS-T1 EXCEPT THAT OUTPUT IS 28V AC INSTEAD OF 36V AC AND CHANGES 7/26/44 JULY 44

3/27/44
 JULY 44

PP-85/APA-17 AN/APA-17
 RECTIFIER POWER UNIT: SUPPLIES NECESSARY POWER TO AMPLIFIER-INDICATOR ID-80/APA-17, ANTENNA DRIVE UNIT PU-29/APA-17 AND DC INJECTOR BOX MX-182/APA-17. INPUT: 115/10/400-2600 & 26V DC. OUTPUT: 26V DC, 115/10/400-2600. 250V DC AND 1500V DC. 4/4/44 CANB: APR. 44

PP-96/AXT-5 AN/AXT-5
 RECTIFIER POWER UNIT: SUPPLIES NECESSARY VOLTAGES AND POWER TO RADAR RELAY TRANSMITTER T-81/AXT-5. INPUT 6 KW @ 110/10/400-2400 CYCLES AND 26V DC. OUTPUT 110/10/400-2400-, 26V DC, & 2500, 1250, 525, (3) 350, -90V ALL DC. USES (14) 868A AND (1) TYPE 83 RECTIFIER 5/4/44 MAY 44

PP-117/GPS-T1A
 IN CIRCUIT DESIGN ARE INCORPORATED.

PP-85A/APA-17 AN/APA-17A
 RECTIFIER POWER UNIT: SUPPLIES NECESSARY POWER TO AMPLIFIER-INDICATOR ID-80/APA-17 OR ID-80A/APA-17, ANTENNA DRIVE UNIT PU-29/APA-17 OR PU-29A/APA-17 AND DC INJECTOR BOX MX-182/APA-17 OR MX-182A/APA-17. INPUT: 115/10/400-2600 & 26V DC. OUTPUT: 26V DC, 4/14/44 CKB: APR. 44

PP-96/AXT-5
 TUBES.

PP-124/MPN-1A AN/MPN-1A
 RECTIFIER POWER UNIT: SUPPLIES POWER TO AZIMUTH INDICATOR ID-52/MPN-1A AND ELEVATION INDICATOR ID-53/MPN-1A AND ALL DC OPERATED RELAYS IN RADIO SET AN/MPN-1A. INPUT VOLTAGE 117 VOLTS AT 75 WATTS. OUTPUT VOLTAGE: 60 VOLTS AT .065 AMPS AND 28 VOLTS AT 8/1/44 CRR:0AR-96903-1 AUG. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|---|-----------------------|--------------------|--|-----------------------|--------------------|---|
| | | PP-124/MPN-1A | | | PP-155A/SPR-2 | | | PP-163/FPN-1 AN/FPN-1 RESTRICTED |
| | | 0.4 AMPS. DIMENSIONS: 15 7/8" X 19" X 8 23/32" WEIGHT: 30 LBS. | | | BE REMOVED. SIZE 3" X 12" X 12". PART OF AN/SPR-2A. SIMILAR TO PP-155/SPR-2 EXCEPT FOR MINOR DESIGN CHANGES. | | | RECTIFIER POWER UNIT: THIS UNIT IS OF FRONT PANEL, ANGLE, AND FORMED SHEET CONSTRUCTION. IT CONTAINS THE CIRCUITS SUPPLYING 15 KV DC. TO THE PLATES OF THE MODULATOR TUBES. SIMILAR TO (EXCEPT FOR ADDITION OF A CONTACT ON THE OVERLOAD RELAY TO PROVIDE SELF-RE-12/19/44 CRR: DEC. 44 |
| | | PP-126/MPN-1A AN/MPN-1A | | | PP-157/ART-22 AN/ART-22 RESTRICTED | | | PP-163/FPN-1 |
| | | RECTIFIER POWER UNIT: RECEIVER POWER SUPPLY BUILT OF PAN TYPE CONSTRUCTION FOR SUPPLYING RECTIFIED POWER TO A TYPE RAX COMMUNICATION RECEIVER. REQUIRES 117 VOLTS, 1 AMPERE, 50-60 CYCLES. DELIVERS 160 VOLTS 90 MA DC AND 26 VOLTS, 0.6 AMPS AC. DIMENSIONS: 8/21/44 AUG. 44 | | | RECTIFIER POWER UNIT: INPUT 115V/1Ø/400-800-. OUTPUT: 800V DC @ 220 MA, 400V DC @ 440 MA. UNREGULATED, 105V DC BIAS SUPPLY REGULATED, AND POWER FOR FILAMENTS @ 6.3V AC. UNIT CONTAINS CHOKES AND FILTER CIRCUITS. FOUR 5R4GY RECTIFIERS AND ONE VRIOS OPERATED BY 12/9/44 CAEV:7-E374 FEB. 45 | | | SETTING FEATURE) BUT NOT INTERCHANGEABLE WITH RECTIFIER POWER UNIT PP-62/MPN-1A. POWER INPUT 117 VOLTS A-C. DIMENSIONS: 19" X 26" X 22". |
| | | PP-126/MPN-1A | | | PP-157/ART-22 | | | PP-164/APS-T3 AN/APS-T3 |
| | | 12 5/8" X 5" X 3 5/8" WEIGHT: 19 LBS. | | | REMOTE SWITCH ON OPERATORS CONSOLE. SIZE 10 1/8" X 9 1/4" X 12 1/2" WITH SHOCKMOUNT WT. 40 LBS. | | | RECTIFIER POWER UNIT INPUT 115V/1Ø/60-. OUTPUT: +250V DC AND -150V DC. SUPPLIES THESE VOLTAGES TO PREAMPLIFIER-CONVERTER AN-89 /APS-T3. CRYSTAL DRIVER O-33 /APS-T3 AND PULSE DELAY UNIT TD-5 /APS-T3. MOUNTS IN CABINET CY-379/APS-T3. 12/30/44 DEC. 44 |
| | | PP-153/GMQ-5 AN/GMQ-5 | | | PP-158/ARA-13 | | | PP-165/APS-T3 AN/APS-T3 |
| | | RECTIFIER POWER UNIT: CONFIDENTIAL HIGH VOLTAGE POWER SUPPLY FOR TRANSMITTER T-119/GMQ-5. OUTPUT 2900 V.A. AT 115V., SINGLE PHASE. 60 CYCLES. HAS SEPARATE MOUNTING REMOVEABLE FROM TRANSMITTER CABINET. THIS UNIT CANCELLED. 2/28/45. (NOT REMOVEABLE FROM TRANSMITTER CABINET). MAR. 45 | | | PP-156/ARA-13 AN/ARA-13 RESTRICTED | | | RECTIFIER POWER UNIT INPUT: 115V/1Ø/60-. OUTPUT: +210V DC AND -210V DC. SUPPLIES THESE VOLTAGE TO TILT POTENTIOMETER OF AIRCRAFT SIMULATOR SM-4 /APS-T3 AND TO PREAMPLIFIER-CONVERTER AN-89 /APS-T3. MOUNTS IN CABINET CY-379/APS-T3. 12/30/44 DEC. 44 |
| | | PP-153/GMQ-5 | | | PP-160/SPR-1A AN/SPR-1A | | | PP-166/APS-T3 AN/APS-T3 |
| | | TER CABINET). | | | RECTIFIER POWER UNIT: RESTRICTED INPUT 115V 1 PHASE 60 TO 2600 CY. APPROX. 115W. PROVIDES THE VARIOUS POWER REQUIREMENTS FOR THE ENTIRE EQUIPMENT. SUPPLIES 115/250V DC AT 115/55 MA. RESP. AND 6.3 V AC AT 5 A. MOUNTS ON CHASSIS MX-24/APR-1 AND CAN BE REMOVED. SAME AS 12/12/44 CCG: DEC. 44 | | | RECTIFIER POWER UNIT INPUT: 115V/1Ø/60-. OUTPUT: +1600V DC SUPPLIES THIS VOLTAGE TO CRYSTAL DRIVER O-33 /APS-T3, MOUNTS IN CABINET CY-379/APS-T3. 12/30/44 JAN. 45 |
| | | PP-155/SPR-2 AN/SPR-2 | | | PP-162/FPN-1 AN/FPN-1 | | | PP-170/APS-6-T1 AN/APS-6-T1 |
| | | RECTIFIER POWER UNIT: RESTRICTED INPUT 80/115 V 1 PHASE 60 TO 2600 CY. APPROX. 115W. PROVIDES ALL POWER REQUIREMENTS FOR RADAR SET AN/SPR-2. SUPPLIES 600V DC @ 25 MA, 250V DC @ 70MA 125V DC @ 70 MA AND 6.3V AC AT 5.5 A. MOUNTS ON CHASSIS MX-214/SPR-2 AND CAN 11/28/44 CCG: NOV. 44 | | | RECTIFIER POWER UNIT: RESTRICTED UNIT IS OF SEPARATE CHASSIS CONSTRUCTION AND CONTAINS A REGULATED POWER SUPPLY FOR SURPLYING DC TO THE ELECTRONIC ANTENNA ANGLE FOLLOWER ON THE PRECISION INDICATORS. INPUT: 115V/1Ø/60-. OUTPUT: 300V DC REGULATED @ 280 MA. 12/20/44 DEC. 44 | | | FIGHTER SIMULATOR POWER UNIT: CONSISTS OF A CAM DRIVEN POTENTIOMETER WHICH APPLIES A VOLTAGE ACROSS A THYRATRON WHOSE OUTPUT WILL DRIVE MOTOR OF FIGHTER SIMULATOR SM-8/APS-6-T1 IN PROPORTION TO INDICATED AIR SPEED. MOUNTS IN & IS PART OF OA-1/APS-6-T1. 1/29/45 CATY: JAN. 45 |
| | | PP-155/SPR-2 | | | PP-160/SPR-1A | | | PP-170/APS-6-T1 |
| | | BE REMOVED. SIZE 3" X 12" X 12". | | | PP-10/APR-1 EXCEPT INCLUDES 35V TAP WHICH IS USED TO DRIVE SELENIUM RECTIFIER SUPPLYING 28V DC FOR MOTORS OF TUNING UNIT TN-18, 28, 3B /APR-1. NOT INTERCHANGEABLE WITH PP-10/APR-1. | | | WT APPROX 5 LBS. |
| | | PP-155A/SPR-2 AN/SPR-2A | | | PP-162/FPN-1 AN/FPN-1 | | | PP-171/UPA-5 AN/UPA-5 |
| | | RECTIFIER POWER UNIT: RESTRICTED INPUT 80/115 V 1 PHASE 60 TO 2600 CY. APPROX. 115W. PROVIDES ALL POWER REQUIREMENTS FOR RADAR SET AN/SPR-2. SUPPLIES 600V DC @ 25 MA, 250V DC @ 70MA 125V DC @ 70 MA AND 6.3V AC AT 5.5 A. MOUNTS ON CHASSIS MX-214/SPR-2 AND CAN 2/15/45 CCG: FEB. 45 | | | RECTIFIER POWER UNIT: RESTRICTED UNIT IS OF SEPARATE CHASSIS CONSTRUCTION AND CONTAINS A REGULATED POWER SUPPLY FOR SURPLYING DC TO THE ELECTRONIC ANTENNA ANGLE FOLLOWER ON THE PRECISION INDICATORS. INPUT: 115V/1Ø/60-. OUTPUT: 300V DC REGULATED @ 280 MA. 12/20/44 DEC. 44 | | | RECTIFIER POWER UNIT: INPUT: 105(±10%), 117(±10%), 130(±10%), 168(±10%), 180(±10%), +195(±10%), 210(±10%), 234(±10%) AND 260V ±10% /1Ø/47-63 OR 380-550-. OUTPUT: ALL NECESSARY POWER TO VARIOUS UNITS OF AN/UPA-5. SIZE APPROX: 27" X 25" X 8". 1/26/45 JAN. 45 |
| | | PP-155A/SPR-2 AN/SPR-2A | | | PP-162/FPN-1 AN/FPN-1 | | | PP-171/UPA-5 AN/UPA-5 |
| | | RECTIFIER POWER UNIT: RESTRICTED INPUT 80/115 V 1 PHASE 60 TO 2600 CY. APPROX. 115W. PROVIDES ALL POWER REQUIREMENTS FOR RADAR SET AN/SPR-2. SUPPLIES 600V DC @ 25 MA, 250V DC @ 70MA 125V DC @ 70 MA AND 6.3V AC AT 5.5 A. MOUNTS ON CHASSIS MX-214/SPR-2 AND CAN 2/15/45 CCG: FEB. 45 | | | RECTIFIER POWER UNIT: RESTRICTED UNIT IS OF SEPARATE CHASSIS CONSTRUCTION AND CONTAINS A REGULATED POWER SUPPLY FOR SURPLYING DC TO THE ELECTRONIC ANTENNA ANGLE FOLLOWER ON THE PRECISION INDICATORS. INPUT: 115V/1Ø/60-. OUTPUT: 300V DC REGULATED @ 280 MA. 12/20/44 DEC. 44 | | | RECTIFIER POWER UNIT: INPUT: 105(±10%), 117(±10%), 130(±10%), 168(±10%), 180(±10%), +195(±10%), 210(±10%), 234(±10%) AND 260V ±10% /1Ø/47-63 OR 380-550-. OUTPUT: ALL NECESSARY POWER TO VARIOUS UNITS OF AN/UPA-5. SIZE APPROX: 27" X 25" X 8". 1/26/45 JAN. 45 |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|--|--------------------|-------------------------------|---|------------------------|---|
| PP-176/APX- AN/APX-7 RESTRICTED RECTIFIER POWER UNIT: SUPPLIES NECESSARY POWER FOR OPERATION OF 1D-119/APX. ALSO INCLUDES MARKER GENERATING CIRCUITS AND VIDEO AMPLIFIER CIRCUITS AND VIDEO SWITCHING RELAY. INPUT 80/115V/1Ø/400-2400~ +20-30V DC OUTPUT: +1500V DC, -1500V DC, 300V DC, 2/13/45 APR. 45A | | 918 | PP-187/APS-4 OPERATING WITH VOLTAGES OVER 530V DC. PART OF RT-5A/APS-4 AND RT-104/APS-4A. | | | PU-14/APA-15 AN/APA-15 ROTARY CONVERTER: INPUT: 26 V DC. OUTPUT: 100 WATTS AT 115/3/400. PROVIDES POWER FOR TILT STABILIZATION. | 9/7/43 CPO; OCT. 43 | |
| 6.3V AC. MOUNTS ON MT-414/A. BRITISH REF. NO. 110K8/1085. | | | COMPONENT INDICATORS "PU" POWER UNITS & MOTORS | | | PU-22/MPN-1A AN/MPN-1A MOTOR DRIVE UNIT: CONSISTS OF A FRAME ASSEMBLY MOUNTING TWO 1/4 - HORSEPOWER MOTORS INTERCONNECTED BY A V-BELT DRIVE AND AN OVER-RUNNING CLUTCH WITH THE ANTENNA DRIVE. POWER INPUT: 117-VOLTS A-C. SIMILAR TO BUT NOT INTERCHANGEABLE WITH A PORTION 1/5/44 CRR: CRR:CG2426 MAR. 44 | | |
| PP-180/APA-16-T1 RECTIFIER POWER UNIT: POWER SUPPLY; SUPPLIES POWER TO SERVO AMPLIFIER UNIT AM-108/APA-16-T1 PULSE SIMULATOR SM-13/APA-16-T1 OR PULSE SIMULATOR SN-14/APA-16-T1. INPUT VOLTAGE: 115V AC 60 CYCLE. OUTPUT: (1) 60 CYCLE 6.3V 10 AMPS. (2) -150V. AT 0.05 AMPS. 3/27/45 CAOM: #5 MAR. 45 | | | PP-180/APA-16-T1 AT 0.225 AMPS. MOUNTED ON A CHASSIS 13" X 17" X 10". | | | PU-10/U AN/SPT- .2,3,4 MOTOR: TWO BEARING TYPE WITH A TAPERED SHAFT TO PERMIT ATTACHMENT TO GENERATOR G-1/U. RATED: 2 HP, 115 VOLTS DC, 3450 RPM, 50°C RISE. INCLUDES AN ACROSS-THE-LINE STARTING SWITCH. MECHANICALLY INTERCHANGEABLE WITH MOTOR PU-11/U. 8/31/43 CDO: DEC. 43 | | PU-22/MPN-1A OF SWITCHING UNIT SA-8/MPN-1. PROVIDES POWER FOR SCANNING BY THE ANTENNAS AT TWO DIFFERENT RATES. |
| (3) +300V. | | | PP-180/APA-16-T1 AT 0.225 AMPS. MOUNTED ON A CHASSIS 13" X 17" X 10". | | | PU-10/U INCLUDES A SUITABLE RADIO NOISE SUPPRESSION FILTER. | | PU-28/APA-22 AN/APA-22 MOTOR DRIVE UNIT: RESTRICTED DRIVE UNIT CONSISTING OF 1/30 HP. 26V DC MOTOR, RATED 3600 R.P.M. AND GEAR TRAIN WITH OVERALL REDUCTION RATIO OF 18,300 TO 1. USED TO SUPPLY POWER TO POWER DIVIDER UNIT RF-23/AP. SIZE APPROX. 6 5/8" X 7 3/16" X 4 5/8". WT. 6 3/4 LBS. 3/24/44 CAXX: CAXX:18-590 JUN. 44 |
| PP-181/ART-23 AN/ART-23 16L3(RE)MOD RECTIFIER POWER UNIT: SUPPLIES POWER TO RADIO TRANSMITTER T-142/ART-23. INPUT: 115V/1Ø/400-1200 CYCLES @ 9A. OUTPUT 115V/1Ø/400 CYCLES. 250V DC, 500V DC, AND 1200V DC. INCLUDES PROVISIONS FOR ATTACHMENT OF REMOTE ON-OFF SWITCH. SIZE: SARC B-2-D. WT. 3/27/45 APR. 45 | | | PP-181/ART-23 APPROX. 50 LBS. | | | PU-11/U AN/SPT- .2,3,4 MOTOR: TWO BEARING TYPE WITH A TAPERED SHAFT TO PERMIT ATTACHMENT TO GENERATOR G-1/U. RATED: 2 HP, 115 AND 230/1/60, 3450 RPM; 50°C RISE. INCLUDES AN ACROSS-THE-LINE STARTING SWITCH. MECHANICALLY INTERCHANGEABLE WITH PU-10/U. 8/31/43 CDO: DEC. 43 | | PU-29A/APA-17 AN/APA-17A ANTENNA DRIVE UNIT: RESTRICTED INCLUDES 26V DC MOTOR, 400 TO 2600 CYCLE SYNCHRO UNIT, A ROTATING JOINT FOR TRANSMISSION OF R.F. FROM ANTENNA ASSEMBLY TO RECEIVER AND NECESSARY GEARING FOR DRIVING ANTENNA ASSEMBLY AS-108/APA-17 OR AS-108A/APA-17. ALSO 4/14/44 CKB: APR. 44 |
| PP-183/SPR-1 RESTRICTED RECTIFIER-FILTER UNIT: POWER LINE FILTER USED TO FILTER OUT RF NOISE FROM POWER LINE AND TO CONVERT 115 V. AC/1 PHASE/60 CYCLES TO 28V DC. HAS STUFFING TUBE FOR WF-1/U CABLES AND TWO OUTLETS WITH PLUGS FOR WF-1/U. IS FUSED FOR AC AND DC. 4/4/45 CGG: CGG: APR. 45A 920D | | | PP-181/ART-23 APPROX. 50 LBS. | | | PU-12/U AN/SPT-1 MOTOR: TWO BEARING TYPE WITH A TAPERED SHAFT TO PERMIT ATTACHMENT TO GENERATOR G-2/U. RATED: 3 HP, 115 VOLTS DC, 3450 RPM, 50°C RISE. INCLUDES AN ACROSS-THE-LINE STARTING SWITCH. MECHANICALLY INTERCHANGEABLE WITH MOTOR PU-15/U.. 8/31/43 CDO: DEC. 43 | | PU-29A/APA-17 TRANSMITS ANTENNA BEARING TO AMPLIFIER INDICATOR ID-80/APA-17 OR ID-80A/APA-17. INPUT 115/1Ø/400-2600 AND 26V DC. SAME AS PU-29/APA-17 EXCEPT HAS DIFFERENT COMPONENT PARTS. |
| PP-187/APS-4 AN/APS-4 RESTRICTED RECTIFIER POWER UNIT: OUTPUT: 150, 300, 500, -150, -300V DC. INPUT: 6.3V AC, 330V AC AND 490V AC. SIZE APPROX: 12" X 8" X 5". INCLUDES (3) 5U4C. PROVIDES ALL REGULATED AND UN-REGULATED VOLTAGES REQUIRED BY UNITS OF AN/APS-4 & AN/APS-4A EXCEPT FOR TUBES 4/23/45 CM: MAY 45A 948A | | | PP-183/SPR-1 APPROX. 50 LBS. | | | PU-12/U INCLUDES A SUITABLE RADIO NOISE SUPPRESSION FILTER. | | PU-29B/APA-17 AN/APA-17 ANTENNA DRIVE UNIT: RESTRICTED INCLUDES 26V DC MOTOR, 400 TO 2600 CYCLE SYNCHRO UNIT, A ROTATING JOINT FOR TRANSMISSION OF R.F. FROM ANTENNA ASSEMBLY TO RECEIVER AND NECESSARY GEARING FOR DRIVING ANTENNA ASSEMBLY AS-108/APA-17. ALSO TRANSMITS ANTENNA 4/4/44 CANG: JAN. 45 |
| PP-187/APS-4 AN/APS-4 RESTRICTED RECTIFIER POWER UNIT: OUTPUT: 150, 300, 500, -150, -300V DC. INPUT: 6.3V AC, 330V AC AND 490V AC. SIZE APPROX: 12" X 8" X 5". INCLUDES (3) 5U4C. PROVIDES ALL REGULATED AND UN-REGULATED VOLTAGES REQUIRED BY UNITS OF AN/APS-4 & AN/APS-4A EXCEPT FOR TUBES 4/23/45 CM: MAY 45A 948A | | | PP-187/APS-4 AN/APS-4 RESTRICTED RECTIFIER POWER UNIT: OUTPUT: 150, 300, 500, -150, -300V DC. INPUT: 6.3V AC, 330V AC AND 490V AC. SIZE APPROX: 12" X 8" X 5". INCLUDES (3) 5U4C. PROVIDES ALL REGULATED AND UN-REGULATED VOLTAGES REQUIRED BY UNITS OF AN/APS-4 & AN/APS-4A EXCEPT FOR TUBES 4/23/45 CM: MAY 45A 948A | | | PU-13/U AN/SPT-1 MOTOR: TWO BEARING TYPE WITH A TAPERED SHAFT TO PERMIT ATTACHMENT TO GENERATOR G-2/U. RATED: 3 HP, 115 AND 230/1/60, 3450 RPM, 50°C RISE. INCLUDES AN ACROSS-THE-LINE STARTING SWITCH. MECHANICALLY INTERCHANGEABLE WITH MOTOR PU-12/U. 8/31/43 CDO: DEC. 43 | | PU-29B/APA-17 BEARING TO AMPLIFIER INDICATOR ID-80/APA-17. INPUT 115/1Ø/400-2600 AND 26V. DC. SAME AS PU-29/APA-17 EXCEPT HAS IMPROVED COUPLING BETWEEN SYNCHRO UNIT AND WORM GEAR WHICH DRIVES ANTENNA. |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|--|------------------------|-------------------------------|
| PU-37/UXR-2 AN/UXR-2 | | | PU-51/TPS-1B | | | PU-83/U | GEN USE | |
| MOTOR GENERATOR SET: SUPPLIES POWER TO RADIO RECEIVER R-90/UXR-2 AND VIEWING MONITOR 1D-86/UXR-2. CONSISTS OF A 110V/1ϕ/60- MOTOR AND A 350V @ 1A AND 28V @ 50A GENERATOR MADE BY ELECTRIC SPECIALITY CO. STAMFORD CONN. OR EQUAL 5/4/44 MAY 44 | | | OLINE TYPE. GENERATOR IS BELT DRIVEN AND MAY BE READILY ASSEMBLED AND DISASSEM- BLED. CAPABLE OF OPERATION WITH EITHER STANDARD OR 100 OCTANE FUEL. | | | 1/13/45 APR. 45 | CAY:P/N NY86553 918 | |
| PU-45/APA-26 AN/APA-26 RESTRICTED | | | PU-66/U AN/MPH-1A | | | PU-84/U | GEN USE | |
| MOTOR DRIVE UNIT: MOTOR DRIVE UNIT CONSISTING OF 1/30 H.P. 26V DC MOTOR RATED 3600 RPM AND GEAR TRAIN WITH OVERALL REDUCTION RATIO OF 26,700 TO 1. USED TO DRIVE CAM OF POWER DIVIDER UNIT RF-25 /APA-26. SIZE APPROX. 6 5/8" X 7 3/16" X 4 5/8". WT. APPROX. 6/27/44 CAXX: CAXX:24-756 JUN. 44 | | | POWER UNIT CONSISTS OF A CATERPILLAR SERIES D-3400 DIESEL ENGINE CONNECTED TO A GENERAL ELECTRIC OR EQUAL 14 KW, SINGLE PHASE SEPARATELY EXCITED GENERATOR WITH BELT- DRIVEN EXCITER. THE DIESEL ENGINE IS EQUIPPED WITH A 10 HP GASOLINE START- 10/17/44 CRR: NOV. 44 | | | 1/13/45 APR. 45 | CAY:P/N NY86554 918 | |
| 6 3/4 LBS. | | | PU-66/U | | | PU-85/U | GEN USE | |
| | | | ING ENGINE WHICH IN TURN IS EQUIPPED WITH ELECTRIC STARTING FACILITIES. GENERATOR OUTPUT IS 14 KW, 1ϕ, 60~22~. REGULATED 117V±1%, 88% PF. WILL MOUNT ON V-11/MPH-1A. | | | 1/13/45 APR. 45 | 918 | |
| | | | PU-73/GMQ-5 AN/GMQ-5 CONFIDENTIAL | | | PU-86/U | | |
| | | | ANTENNA DRIVE ASSEMBLY: AN ELECTRICALLY POWERED GEAR AND SUPPORT- ING MECHANISM TO POSITION THE ANTENNA ARRAY AS-223/GMQ-5 THROUGH THE VARIOUS AZIMUTH ANGLES REQUIRED. POWER INPUT, 150 V.A. FROM 115V/11 PHASE/60 CYCLES. | | | 1/13/45 APR. 45 | 918 | |
| | | | 12/4/44 CFL: DEC. 44 | | | PU-87/APS-6-T1 AN/APS-6-T1 | | |
| | | | PU-47/U AN/IPS-9 | | | MOTOR GENERATOR: A MOTOR GENERATOR WHICH FURNISHES POWER SUPPLY FOR OPERATION OF THE AN/APS-6 RADAR SET. A.D.W. ONAN & SONS MOTOR GENERATOR TYPE 213-F. MOTOR: POWER INPUT 220V 3 PHASE 60 CYCLE, 5 HP, 1800 RPM. GENERATOR 1500 WATT 800 CYCLE SINGLE 1/24/45 CATT: JAN. 45 | | |
| | | | ENG. OF GENERATOR UNIT: CONS. OF GENERATOR UNIT G-6/TPS-9 AND A PORTABLE, 4 CYCLE, 2 CYLINDER, AIR- COOLED, 3 HP., GASOLINE ENGINE, (MANUAL (ROPE) STARTING, RUNS AT 2000 RPM CON- TINUOUS DUTY). ALL MOUNTED SIDE BY SIDE ON A TUBULAR STEEL FRAME. THE GENERATOR 7/14/44 CDO:COM-OTC-11X CAY:DL-7502682 OCT. 44 G-2 | | | 1/13/45 APR. 45 | 918 | |
| | | | PU-47/U | | | PHASE AND 500 WATTS @ 28V DC AT 2400 RPM. | | |
| | | | IS DRIVEN BY TWO V-BELTS FROM THE GAS- OLINE ENGINE. ALSO INCLUDES WATER-TIGHT CANVAS CARRYING BAG. | | | PU-87/APS-6-T1 | | |
| | | | PU-50/APA-17 AN/APA-17 RE-13A-825B | | | PU-88/U | GEN USE | |
| | | | MOTOR: A DIRECT CURRENT, SELF EXCITED, SHUNT WOUND, 1/50 H.P. MOTOR WHICH RUNS AT 2800 RPM AT 55°C CONTINUOUS DUTY. INPUT 26 VOLTS DC AT 1.85 AMPS. | | | ONAN MOTOR GENERATOR SET CONSISTING OF A 5 H.P. MOTOR, 1750 R.P.M., 3 PHASE, 60- 220/440V, 1477 A AND A GENERATOR RATED AT 25.5V DC @ 7 A @ 200 W. AND 2' KW @ 115V/1ϕ/800~ @ 17.4 A. | | |
| | | | 7724/44 CANB:875402-D CAY:11-D-5608 AUG. 44 | | | 1/31/45 JAN. 45 | | |
| | | | PU-50/APA-17 AN/APA-17.17A RE-13A-825C | | | PU-91/A | RESTRICTED | |
| | | | MOTOR: A DIRECT CURRENT, SELF EXCITED, SHUNT WOUND, 1/50 H.P. MOTOR WHICH RUNS AT 2800 RPM AT 55°C CONTINUOUS DUTY. INPUT 26 VOLTS DC AT 1.85 AMPS. SIMILAR TO PU-50/APA-17 EXCEPT INCLUDES TWO 500 MHFD CONDENSERS FOR NOISE SUPPRESSION. 1/13/45 JAN. 45A | | | TAPE PULLER: TAPE PULLER USED TO DISPENSE "WINDOW" MATERIAL FROM YF, VT, OR VSB AIRCRAFT. CONSISTS OF 1/10 HP. METER AND GEAR ASSEMBLY FOR PULLING TAPES; A MICRO SWITCH WHICH CONTROLS INDICATING LIGHT LOCATED ON C-285/A CONTROL BOX. POWER 3/24/45 X4-81-1 APR. 45 | | |
| | | | PU-51/TPS-1B AN/TPS-1B CM:KS-15091 | | | THE ELEVATION ANTENNA MOTION. ALSO IN- CLUDES A POTENTIOMETER FOR TRANSMITTING ANTENNA POSITION INFORMATION TO THE PRO- PER INDICATOR SYSTEM. INPUT 115/1ϕ/60~. | | |
| | | | POWER UNIT: A PORTABLE GASOLINE DRIVEN GENERATOR WITH AN OUTPUT OF 4.5 KW AT 115V. 400~. SINGLE PHASE. UNITY POWER FACTOR AND 500 WATTS DC @ 28V DC. ENGINE IS A HERCULES MODEL ZXB. 4 CYL. 1800 RPM. VERTICAL. LIQUID COOLED. GAS- 7/24/44 CQO: MAY 45 | | | DATE MANUFACTURER'S DESIGNATION MANUFACTURER'S DRAWING NUMBER | | |
| | | | ASSIGNED ISSUED | | | DATE MANUFACTURER'S DESIGNATION MANUFACTURER'S DRAWING NUMBER | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

PU-91/A
 INPUT: 28V DC AT 5 AMPS. SIZE: 11 1/4" X 8" X 4". WEIGHT: APPROX. 15 LBS. COLUMBIA AIRCRAFT CORP. NOs 5461, NOs 6192.

R-2/ARR-3 AN/ARR-3
 RADIO RECEIVER: RESTRICTED AIRBORNE, FM RECEIVER COVERING THE FREQUENCY RANGE 67 TO 72 MC. DIAL CALIBRATION IS COLOR CODED. INCLUDES AUTOMATIC FREQUENCY CONTROL. USED WITH AN/CRT-1, AN/CRT-1A AND AN/CRT-1B.

***R-4/ARR-2**
 VOLTS, 60 MADC. SAME AS *R-3/ARR-2X EXCEPT FOR INPUT RATING. REPLACED BY *R-4A/ARR-2.

1/16/43
 AUG. 44

PU-92/U GEN. USE
 INVERTER: CONFIDENTIAL THIS INVERTER IS A DC/AC INVERTER WHICH OPERATES ON 27.5 PLUS OR MINUS 3.5 VOLTS DC AND GENERATES 115/3400 AT 250 VA AT 0.7 PF. VOLTAGE REGULATION: 115 PLUS OR MINUS 3 VOLTS BETWEEN A AND B, 115 PLUS OR MINUS 5 VOLTS FOR OTHER TWO 4/4/45 CPR: SLO-1557
 APR. 45B 948A

R-2A/ARR-3 AN/ARR-3B
 RADIO RECEIVER: RESTRICTED AIRBORNE, FM RECEIVER COVERING THE FREQUENCY RANGE 62 TO 72 MC. DIAL CALIBRATION IS COLOR CODED. INCLUDES AUTOMATIC FREQUENCY CONTROL. SIMILAR TO R-2/ARR-3 EXCEPT INCLUDES PROVISIONS FOR CONNECTING INTERCOMMUNICATION
 9/9/44
 SEPT. 44

***R-4A/ARR-2 AN/ARR-2 RESTRICTED**
 RADIO RECEIVER: FREQ RANGE 234 TO 258 MC. INCLUDES CIRCUITS WHICH PERMIT 6-CHANNEL OPERATION OF MODULATED SIGNAL WITHIN RANGE 540 TO 830 KC WHEN DOUBLE MODULATED BY A1, A2, OR A3. INCLUDES (7) 9001, (1) 12A6, (3) 6AK5 VACUUM TUBES, INPUT 28 VOLTS, 1.6 AMPS & 3/11/44 (CW) D-152445 CW:ESXX-990185
 MAR. 45 ESXX-990425

PU-92/U
 PHASES, FREQUENCY REGULATION: PLUS OR MINUS 20 CYCLES. SIZE: APPROX. 9 5/16" X 6 9/16" X 5 1/4". WT. APPROX: 11 1/2 LBS.

R-2A/ARR-3
 SYSTEM TO RECEIVER, COVERS DIFFERENT FREQ. RANGE, DIAL IS MARKED FOR 12 FREQ. SETTINGS, AND OUTPUT CIRCUIT IS REVISED TO HAVE ONLY 2 OUTPUT JACKS (300Ω). USED WITH AN/CRT-1, AN/CRT-1A AND AN/CRT-1B.

***R-4A/ARR-2**
 250 VOLTS, 60 MADC. SAME AS *R-3A/ARR-2X EXCEPT FOR INPUT RATING AND SAME AS *R-4/ARR-2 EXCEPT INCORPORATES ANTI-BLOCKING CIRCUIT, RADIATION FILTER FOR LOCAL OSCILLATOR AND HAS A LARGER FILTER CAPACITOR TO PREVENT RADIATION TO NEARBY RECEIVERS. REPLACES *R-4/ARR-2.

PU-95/ASM CONFIDENTIAL
 COMPASS MOTOR DRIVE: COMPASS MOTOR DRIVE WHICH PROVIDES DRIVE NECESSARY FOR ROTATING MAGNETIC COMPASS AS USED IN J8-2 AIRCRAFT. CONSISTS OF GEARS, CAM, MICRO SWITCH, AND MOTOR. OPERATES ON 24V DC AT 1.5 AMPS. SIZE: APPROX. 6" X 3" X 3". WEIGHT: APPROX 4/17/45
 APR. 45

***R-3/ARR-2X AN/ARR-2X**
 RADIO RECEIVER: FREQ RANGE RESTRICTED 234 TO 258 MC. INCLUDES CIRCUITS WHICH PERMIT 6 CHANNEL OPERATION OF MODULATED SIGNAL WITHIN THE RANGE 540 TO 830 KC WHEN DOUBLE MODULATED A1, A2, OR A3. INCLUDES (7) 9001, (1) 12A6, (3) 6AK5 VACUUM TUBES, INPUT 14 VOLTS, 2.8 AMPS DC, AND 1/25/43 (CW)(CZR) CW:ESXX-990425
 MAR. 45 ESXX-990135

R-6/CPN-1 AN/CPN-1,3
 RADIO RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RECEIVER OF PANEL TYPE. INCLUDES AN INTERNAL POWER SUPPLY TO PERMIT OPERATION FROM 115-130/1/50-70. WILL OPERATE WITH AIRBORNE EQUIPMENTS SCR-517-B, SCR-517-C, SCR-717-A, SCR-717-B.
 2/4/43
 SEPT 43

PU-95/ASM
 2 LBS. USED WITH C-296/ASM.

***R-3/ARR-2X**
 250 VOLTS, 60 MADC. SAME AS *R-4/ARR-2 EXCEPT FOR INPUT RATING.
 (-46196)

R-7/APS-2 AN/APS-2
 RECEIVER-INDICATOR CONFIDENTIAL INPUT FREQUENCY 30 MC. INDICATOR CALIBRATION (CONCENTRIC CIRCLES) ARE ADJUSTABLE BY RANGE SWITCH FOR 0 TO 5, 0 TO 20 0 TO 50 & 0 TO *100 NAUTICAL MILES. DIRECTION IS INDICATED BY DIRECTION OF IMAGE FROM CENTER OF THE TUBE; IS CENTRAL
 2/16/43
 MAY 43 *MARKED 90

COMPONENT INDICATOR "R" RADIO RECEIVER
 RADIO RECEIVER, COMPASS UNIT, RESPONSOR, COMBINED RECEIVER-INDICATOR, ETC.

***R-3A/ARR-2X AN/ARR-2X RESTRICTED**
 RADIO RECEIVER: FREQ RANGE 234 TO 258 MC. INCLUDES CIRCUITS WHICH PERMIT 6 CHANNEL OPERATION OF MODULATED SIGNAL WITHIN THE RANGE 540 TO 830 KC WHEN DOUBLE MODULATED A1, A2, OR A3. INCLUDES (7) 9001, (1) 12A6 (3) 6AK5 VACUUM TUBES, INPUT 14 VOLTS, 3.3 AMPS DC, AND 3/11/44 (CW) D-152445 CW:ESXX-990185
 MAR. 45 ESXX-990425

EQUIP. CONTROL. PROVIDES R-7/APS-2 20 MICROSEC. TRANS. TRIGGER PULSE AT HALF AMPLITUDE, 120 ±20V WITH LEADING EDGE TO FULL AMP. IN 3 MICROSEC. FREQ: 650/325 CPS FOR SEARCH/BEACON, 3 MICROSEC "IFF" PULSE, STARTS WITH TRIGGER PULSE OF SAME RATE. PROVIDES FOR EXTERNAL 2V VIDEO SIGNAL, & "IFF" TIMING PULSE FOR THIS PURPOSE. INPUT: 115/1/400-2400 & 24 VOLTS DC INTERCHANGEABLE WITH NAVY TYPE -46ABT.

***R-1/ARR-1 AN/ARR-1**
 RADIO RECEIVER: (HOMING RESTRICTED ADAPTER). FREQ RANGE 234 TO 258 MC. USED IN CONNECTION WITH NAVY MODEL RU SERIES RADIO RECEIVING EQUIPMENT TO PROVIDE HOMING. INCLUDES FOUR TYPE 954 VACUUM TUBES ONE AS A DETECTOR AND THREE AS RF AMPLIFIERS. AN NOMENCLATURE FOR NAVY (-69076) 12/22/42 (CW)(CZR)(CZE) C:ESR-990127
 JAN. 45 ISSUE 1

***R-3A/ARR-2X**
 250 VOLTS, 60 MADC. SAME AS *R-4A/ARR-2 EXCEPT FOR INPUT RATING AND SAME AS *R-3/ARR-2X EXCEPT INCORPORATES ANTI-BLOCKING CIRCUIT, RADIATION FILTER FOR LOCAL OSCILLATOR AND HAS A LARGER FILTER CAPACITOR TO PREVENT RADIATION TO NEARBY RECEIVERS. REPLACES *R-3/ARR-2X.

R-8/ARN-8 AN/ARN-8 RE 138 6728
 RADIO RECEIVER CONFIDENTIAL FREQ: 75 MC; OUTPUT: 50 MILLIWATTS MAX; SENSITIVITY: 450 MICROVOLTS FOR 10 MW; PROVIDES OUTPUT FOR TWO AUDIO CHANNELS & ONE INDICATOR ID-4/AR. USED WITH MOUNTING MT-25/ARN-8, USED WITH BC-902A AND OTHER STANDARD 75 MC BEACON TRANSMITTERS.
 3/13/43 CDE:MBA (REC.) CDE:C1300 REV 0
 MAY 43

***R-1/ARR-2**
 TYPE -69076 HOMING ADAPTER. (NAVY MODELS ZB-2 & ZB-3) SAME AS NAVY TYPE -69060 HOMING ADAPTER EXCEPT SUBSTITUTES A RECEPTACLE FOR USE WITH CASSF-50-1 TRANSMISSION CABLE.

***R-4/ARR-2 AN/ARR-2**
 RADIO RECEIVER: FREQ RANGE RESTRICTED 234 TO 258 MC. INCLUDES CIRCUITS WHICH PERMIT 6-CHANNEL OPERATION OF MODULATED SIGNAL WITHIN RANGE 540 TO 830 KC WHEN DOUBLE MODULATED BY A1, A2, OR A3. INCLUDES (7) 9001, (1) 12A6, (3) 6AK5 VACUUM TUBES, INPUT 28 VOLTS, 1.6 AMPS AND 250 1/25/43 CW: ESXX-990425
 MAR. 45 D-152347 ESXX-990185

***R-9/APN-4 AN/APN-4**
 RADIO RECEIVER: CONFIDENTIAL RADIO RECEIVER CONTAINING NECESSARY CIRCUITS AND COMPONENTS FOR RECEIVING AND AMPLIFYING TRANSMISSIONS FROM RADIO SET SCR-623-C. "AN" DESIGNATION FOR RADIO RECEIVER BC-1172-C).
 3/24/43 CPR:
 SEPT 43

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-111

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|---|--|--------------------|--|--|--------------------|--|
| ★R-9A/APN-4 | ★AN/APN-4 | CONFIDENTIAL RADIO RECEIVER: RADIO RECEIVER CONTAINING NECESSARY CIRCUITS & COMPONENTS FOR RECEIVING AND AMPLIFYING TRANSMISSIONS FROM RADIO SET SCR-623-C). MECHANICALLY & ELECTRICALLY INTERCHANGEABLE WITH RADIO RECEIVER ★R-9/APN-4. BUT BAND WIDTH AND FREQUENCY 12/11/43 CPR: DEC. 43 | FOR IFF HAS ALSO BEEN INCLUDED. DESIGNED FOR USE WITH MOUNTING MT-97/APS-3 INPUT: 115/1/400-2400, -425/-255/-105/24/105/300/400 V DC. OUTPUT: 115/1/800-2400, 24/105/300 V DC PLUS PULSES & VIDEO SIGNALS. | R-18/APS-3 | R-20/ARC-5 | "AN" DESIGNATION FOR NAVY TYPE -46104. | | |
| | ★R-9A/APN-4 | CONFIDENTIAL COVERAGE OF THE CHANNELS OF THE TWO RE- CEIVERS ARE DIFFERENT. APPROXIMATE DI- MENSIONS ARE: 19-1/2" X 9" X 7-7/8"; 25-1/2 LBS. | R-18A/APS-3 | AN/APS-3A | CONFIDENTIAL RECEIVER-AMPLIFIER: CONSISTS OF TWO SELF CONTAINED SECTIONS. ONE SECTION HOUSES THE RECEIVER & AFC CIRCUITS. IT IS BUILT UP ON A SEPARATE SUB BASE MOUNTED WITHIN THE AMPLIFIER HOUSING, & ATTACHED BY MEANS OF CON- NECTORS TO THE MAIN UNIT. PROVISION OF 7/4/44 CPR: JULY 44 | R-21/ARC-5 | AN/ARC-5 | RESTRICTED RADIO RECEIVER: FREQ RANGE: 3 TO 6MC; FOR A1, A2, A3 RECEPTION. FOR USE WITH 28 V DC PLUG-IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACKS (REC) MT-63/ARC-5 ETC. OF AN/ARC-5 EQUIPMENT. SAME AS R-26/ARC-5 EXCEPT DOES NOT INCLUDE AVC CIRCUIT. 7/1/43 CBY:5006 CBY:7390-3-A JULY 43 CBY:5006-4-B |
| R-11/CPN-3 | AN/CPN-3 | CONFIDENTIAL RADIO RECEIVER: A SUPER HETERODYNE RECEIVER OF THE PANEL TYPE. INCLUDES AN INTERNAL POWER SUPPLY FOR OPERATION ON 115/1/50-70. WILL OP- ERATE WITH AIRBORNE EQUIPMENT, RADIO SETS SCR-517-B, SCR-517-C, SCR-717-A, AND SCR-717-B. 4/9/43 CPR:358-4067 SEPT 43 | R-18A/APS-3 | | | R-21/ARC-5 | | "AN" DESIGNATION FOR NAVY TYPE -46105. |
| R-11A/CPN-3 | AN/CPN-3 | CONFIDENTIAL RADIO RECEIVER: A SUPER HETERODYNE RECEIVER OF THE PANEL TYPE WITH A DOUBLE INJECTION MIXER CAVITY. INCLUDES AN INTERNAL POWER SUPPLY FOR OPERATION ON 115/1/50-70- WILL OPERATE WITH AIRBORNE EQUIPMENT, RADIO SETS SCR 517-B, SCR 517-C. 1/27/44 CPR: JAN. 44 | R-18AM/APS-3 | AN/APS-3AM | CONFIDENTIAL RECEIVER-AMPLIFIER: CONSISTS OF TWO SELF CONTAINED SECTIONS. ONE SECTION HOUSES THE RECEIVER & AFC CIRCUITS. IT IS BUILT UP ON A SEPARATE SUB BASE MOUNTED WITHIN THE AMPLIFIER HOUSING, & ATTACHED BY MEANS OF CON- NECTORS TO THE MAIN UNIT. PROVISION OF 12/19/44 DEC. 44 | R-22/ARC-5 | AN/ARC-5 | RESTRICTED RADIO RECEIVER: FREQ RANGE: 6 TO 9.1 MC FOR A1, A2, A3 RECEPTION. FOR USE WITH 28 V DC PLUG-IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACK (REC) MT-63/ARC-5 ETC OF AN/ARC-5 EQUIPMENT. SAME AS R-27/ARC-5 EXCEPT DOES NOT INCLUDE AVC CIRCUIT. "AN" 7/1/43 CBY:5007 CBY:7390-3-A JULY 43 CBY:5007-4-C |
| | R-11A/CPN-3 | CONFIDENTIAL SCR 717-A, SCR 717B, AND AN/APS-2 SERIES EQUIPMENT. SAME AS RADIO RECEIVER R-11/CPN-3 EXCEPT INCLUDES DOUBLE IN- JECTION MIXER CAVITY INSTEAD OF SINGLE AND OTHER DESIGN IMPROVEMENTS. | R-18AM/APS-3 | | | R-22/ARC-5 | | DESIGNATION FOR NAVY TYPE -46106. |
| R-16/APS-15 | AN/APS-15 | CONFIDENTIAL RECEIVER-INDICATOR INPUT 30MC. "PPI" INDICATION FOR 5, 20, 50 AND 100 NAUTICAL MILES. TRANSMITS TRIGGER PULSE 20 MICROSEC AT HALF AMPLITUDE 120±20 V WITH LEADING EDGE TO FULL AMPLITUDE IN 3 MICROSEC. FREQ: 650/ADJUSTABLE 300 TO 325 CPS FOR 5/15/43 CPR: JAN. 44 | R-19A/TRC-1 | AN/TRC-1A | RESTRICTED RADIO RECEIVER: FREQ. MOD. SPEC. 271-3010 RADIO RECEIVER. CRYSTAL CONTROLLED ON ANY SINGLE PRESET FREQ. IN THE BAND 70 TO 100 MC. WITH 200 KC SEPARATION. FREQ. CHANGE ACCOMPLISHED BY CHANGING CRYSTAL & RE- TUNING. AUDIO BAND WIDTH 200 TO 3000- SYSTEM CONTROL. OR 200 TO 12,000 CYCLES 1/1/44 JUN. 44 | R-23/ARC-5 | AN/ARC-5 | RESTRICTED RADIO RECEIVER: FREQ RANGE: 0.19 TO 0.55 MC. FOR A1, A2, A3 RECEPTION. INCLUDES ANTENNA LOOP SWITCH AND CIRCUITS FOR MVC AND AVC. FOR USE WITH 28 V DC PLUG-IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACKS (REC) MT-63/ARC-5 ETC. OF AN/ARC-5 EQUIPMENT. 7/1/43 CBY: JULY 43 |
| | R-16/APS-15 | PROVISION FOR SYNCHRONIZING FROM RANGE UNIT AT 1155/336 CPS. "IFF" PULSE STARTS WITH TRANSMITTER PULSE. PROVIDES FOR EXTERNAL 2V VIDEO SIGNAL. INPUT 115/1/400-2400 & 25 V DC. SIMILAR TO R-30/APS-2C EXCEPT INCLUDES RECEIVER STRIP OF R-18/APS-3 TO PROVIDE AFC & INCLUDES RECEPTACLE FOR RANGE UNIT & CONTROL CHANGES. FITS MT-124/APS-15 OR MT-132/APS-2. | R-19A/TRC-1 | | | R-23/ARC-5 | | SAME AS NAVY TYPE -46102 EXCEPT INCLUDES AVC CIRCUIT. SAME AS -46129 EXCEPT IN- CLUDES ANTENNA LOOP SWITCH AND AVC CIRCUIT. |
| R-18/APS-3 | AN/APS-3 | CONFIDENTIAL RECEIVER-AMPLIFIER CONSISTS OF TWO SELF CONTAINED SECTIONS. ONE SECTION HOUSES THE RECEIVER & AFC CIRCUITS. IT IS BUILT UP ON A SEP- ARATE SUB BASE MOUNTED WITHIN THE AMPLI- FIER HOUSING, & ATTACHED BY MEANS OF CONNECTORS TO THE MAIN UNIT. PROVISION 5/24/43 CFR: MAY 44 | R-20/ARC-5 | AN/ARC-5 | RESTRICTED RADIO RECEIVER: FREQ RANGE: 1.5 TO 3MC; FOR A1, A2, A3 RECEPTION. FOR USE WITH 28 V DC PLUG IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACKS (REC) MT-63/ARC-5 ETC., OF AN/ARC-5 EQUIPMENT. SAME AS R-25/ARC-5 EXCEPT DOES NOT INCLUDE AVC CIRCUITS. 7/1/43 CBY:5005 CBY:7390-3-A JULY 43 | R-23A/ARC-5 | AN/ARC-5 | RESTRICTED RADIO RECEIVER: FREQ RANGE: 0.19 TO 0.55 MC. FOR A1, A2, A3 RECEPTION. INCLUDES ANTENNA LOOP SWITCH AND CIRCUITS FOR MVC AND AVC. FOR USE WITH 28V DC PLUG-IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACKS (REC) MT-63/ARC-5 ETC. OF AN/ARC-5 EQUIPMENT. 2/9/45 CBY: FEB. 45A |
| | | | | | | | | |

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|--|--------------------|-------------------------------|---|--------------------|-------------------------------|
| R-23A/ARC-5 | | | R-27/ARC-5 | | | R-31/APS-2E | | |
| SAME AS -46129 EXCEPT INCLUDES ANTENNA LOOP SWITCH AND AVC CIRCUIT AND MODIFIED FOR INCREASED POWER OUTPUT BEFORE AVC ACTION. SIMILAR TO R-23/ARC-5 EXCEPT FOR CIRCUIT IMPROVEMENTS. | | | INCLUDES AVC CIRCUIT. | | | "IFF" TIMING PULSE, VIDEO SIGNALS FOR LAB (AN/APQ-5 ETC). & MISC POWER & CONTROL VOLTAGES. SUPPLY: 782 W AT 115/1/400-2400 & 183 WATTS AT 26V DC. WEIGHT 85 LBS. SIMILAR TO R-7/APS-2 EXCEPT SUBSTITUTES VARIABLE (14 TO 24 MICROSEC) TRIGGER PULSE DELAY CIRCUIT FOR REMOTE FOCUS CONTROL. OMTS 100 SERIES SPIN MOTOR RES. & RECEPTACLES REMIRED FOR USE WITH *AS-17/APS & ID-30/APS-2D. | | |
| R-24/ARC-5 AN/ARC-5 | | | R-28/ARC-5 AN/ARC-5 | | | R-32/ARM-2 AN/ARM-2 | | |
| RADIO RECEIVER: RESTRICTED FREQ RANGE: 0.52 TO 1.5 MC; FOR A1, A2, A3 RECEPTION. INCLUDES ANTENNA LOOP SWITCH AND CIRCUITS FOR MYC AND AVC. FOR USE WITH 28 V DC PLUG IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACKS (REC) MT-63/ARC-5 OF AN/ARC-5 EQUIPMENT. SAME 7/1/43 CBY: JULY 43 | | | RADIO RECEIVER RESTRICTED FREQ RANGE: 100 TO 156 MC. FOUR CRYSTAL CONTROLLED CHANNELS; FOR A2, A3 RECEPTION; INCLUDES CIRCUITS FOR MYC AND AVC. FOR USE WITH 28 V DC PLUG IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACKS (REC) MT-63/ARC-5 ETC. OF AN/ARC-5 EQUIPMENT. 7/1/43 CW: JULY 43 | | | RADIO RECEIVER: CONFIDENTIAL FREQ MODULATION RECEIVER: FREQ RANGE, 30-42MC - FREQ MODULATION, ±15KC - INPUT 200 WATTS 24-29 V DC - CAPABLE OF RECEIVING SIGNALS FROM RADIO TRANSMITTER T-24/ARM-3, AND UTILIZING EACH OF TEN DIFFERENT MODULATION FREQUENCIES FROM 7/9/43 CFL: DEC. 44 | | |
| R-24/ARC-5 | | | R-28/ARC-5 | | | R-32/ARM-2 | | |
| AS NAVY TYPE -46103 EXCEPT INCLUDES ANTENNA LOOP SWITCH. SAME AS -46145 EXCEPT INCLUDES ANTENNA LOOP SWITCH AND AVC-CIRCUIT | | | SAME AS 8C-942A. "AN" DESIGNATION FOR 8C-942A. | | | 300 TO 10,000 CY TO CONTROL ITS OWN RELAY, WHICH WILL CLOSE ONE CIRCUIT AND SAFELY CARRY 1 AMP AT 30 V DC - SIGNAL TO NOISE RATIO TO BE 30 DB AT 1 MICROVOLT INPUT - FITS MOUNTING BASE *MT-52/UR. | | |
| R-25/ARC-5 AN/ARC-5 | | | R-29/APS-2C AN/APS-2C | | | R-33/ARM-2X AN/ARM-2X | | |
| RADIO RECEIVER: RESTRICTED FREQ RANGE: 1.5 TO 3 MC; FOR A1, A2, A3 RECEPTION. INCLUDES CIRCUITS FOR MYC AND AVC. FOR USE WITH 28 V DC PLUG IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACKS (REC) MT-63/ARC-5 ETC. OF AN/ARC-5 EQUIPMENT. SAME AS R-20/ARC-5 EXCEPT 7/1/43 CBY: JULY 43 | | | RECEIVER-INDICATOR CONFIDENTIAL INPUT: 30 MC. PROVIDES MASTER CONTROL OF EQUIPMENT. INDICATOR ADJUSTABLE FOR 5, 20, 50, & 100 (MARKED 90) NAUTICAL MILES. DIRECTION INDICATED BY POSITION OF IMAGE WITH RESPECT TO CENTER OF TUBE. PROVIDES TRANS. TRIGGER PULSE OF 20 MICROSEC. AT 7/15/43 CPR: NOV. 43 | | | RADIO RECEIVER: CONFIDENTIAL FREQ MODULATION RECEIVER: FREQ RANGE, 30-42MC - FREQ MODULATION, ±30KC - INPUT 200 WATTS, 11.5 - 14.5 V DC CAPABLE OF RECEIVING SIGNALS FROM RADIO TRANSMITTER T-24/ARM-3, AND UTILIZING EACH OF TEN DIFFERENT MODULATION FREQUENCIES FROM 7/9/43 CFL: AUG. 43 | | |
| R-25/ARC-5 | | | R-29/APS-2C | | | R-33/ARM-2X | | |
| INCLUDES AVC CIRCUIT. | | | HALF AMPLITUDE, 120 ±20V LEADING EDGE TO 80% AMPL. IN 3 MICROSEC. FREQ: 650/325 CPS FOR SEARCH/BEACON. & MICROSEC "IFF" PULSE STARTS WITH TRIGGER PULSE. PROVIDES FOR EXTERNAL 2V VIDEO SIGNAL & "IFF" TIMING PULSE. INPUT 115/1/400-2400 & 26 V DC. SIMILAR TO REC-IND R-7/APS-2 EXCEPT OMTS 100 SERIES SPIN MOTOR RESISTOR & PLUG CONNECTIONS CHANGED TO PERMIT USE OF ANT *AS-17/APS. | | | 300 TO 10,000 CY, TO CONTROL ITS OWN RELAY, WHICH WILL CLOSE ONE CIRCUIT AND SAFELY CARRY 1 AMP AT 30 V DC - SIGNAL TO NOISE RATIO TO BE 30 DB AT 1 MICROVOLT INPUT - FITS MOUNTING BASE MT-62/UR. | | |
| R-26/ARC-5 AN/ARC-5 | | | R-30/APS-2D AN/APS-2D | | | R-34/APR-2 AN/APR-2 | | |
| RADIO RECEIVER: RESTRICTED FREQ RANGE: 3 TO 6 MC; FOR A1, A2, A3 RECEPTION. INCLUDES CIRCUITS FOR MYC AND AVC. FOR USE WITH 28 V DC PLUG IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACKS (REC) MT-63/ARC-5 ETC. OF AN/ARC-5 EQUIPMENT. SAME AS R-21/ARC-5 EXCEPT 7/1/43 CBY: JULY 43 | | | RECEIVER-INDICATOR CONFIDENTIAL INPUT: 30 MC. INDICATOR ADJUSTABLE FOR 5, 20, 50, & 100 (MARKED 90) NAUTICAL MILES. DIRECTION OF OBJECT INDICATED BY POSITION OF IMAGE WITH RESPECT TO CENTER OF TUBE. SERVES AS MASTER CONTROL OF EQUIPT., PROVIDES: TRANS TRIGGER PULSE, 7/15/43 CPR: NOV. 43 | | | RADAR RECEIVER: PROVIDES AUTOMATIC OR MANUAL SCANNING THROUGH THE FREQUENCY SPECTRUM OF 90 TO 1000 MC. (BY MEANS OF TWO ANTENNAE OF RANGES 90-400 MC. & 400-1000 MC.) ALL SIGNALS CAN BE SIMULTANEOUSLY INDICATED VISUALLY (ON A DIAL) & GRAPHICALLY. WITH A 7/23/43 CGG: DEC. 43 | | |
| R-26/ARC-5 | | | R-30/APS-2D | | | R-34/APR-2 | | |
| INCLUDES AVC CIRCUIT. | | | "IFF" TIMING PULSE, VIDEO SIGNALS FOR LAB (AN/APQ-5 ETC). & MISC POWER & CONTROL VOLTAGES. SUPPLY: 782 WATTS AT 115/1/400-2400 & 183 WATTS AT 26V DC. WEIGHT 85 LBS. SIMILAR TO R-7/APS-2 EXCEPT SUBSTITUTES VARIABLE (14 TO 24 MICROSEC) TRIGGER PULSE DELAY CIRCUIT FOR REMOTE FOCUS CONTROL & RECEPTACLES ARE REMIRED FOR USE WITH PLAN REPEATER INDICATOR ID-30/APS-2D. | | | TIME RECORD (ON TAPE). DURING EACH SWEEP CYCLE WHICH MAY BE SET AT 1.5 OR 5 RPS, RECEIVER IS ALTERNATELY SWITCHED FROM ONE ANTENNA CIRCUIT TO THE OTHER. POWER SUPPLY: 100W AT 80/120V/1 PHASE 400-2600 CY & 50 W AT 26(24-28) V DC. FITS MOUNTING BASE MT-23/A OR *MT-52/UR. | | |
| R-27/ARC-5 AN/ARC-5 | | | R-31/APS-2E AN/APS-2E | | | R-35/APS-6 AN/APS-6 | | |
| RADIO RECEIVER: RESTRICTED FREQ RANGE: 6 TO 9.1 MC; FOR A1, A2, A3 RECEPTION. INCLUDES CIRCUITS FOR MYC AND AVC. FOR USE WITH 28 V DC PLUG IN DYNAMOTOR *DY-2/ARR-2. FITS MOUNTING RACKS (REC) MT-63/ARC-5 ETC. OF AN/ARC-5 EQUIPMENT. SAME AS R-22/ARC-5 EXCEPT 7/1/43 CBY: JULY 43 | | | RECEIVER-INDICATOR CONFIDENTIAL INPUT: 30 MC. INDICATOR ADJUSTABLE FOR 5, 20, 50, AND 100 (MARKED 90) NAUTICAL MILES. DIRECTION OF OBJECT INDICATED BY POSITION OF IMAGE WITH RESPECT TO CENTER OF TUBE. SERVES AS MASTER CONTROL OF EQUIPT., PROVIDES: TRANS TRIGGER PULSE, 7/15/43 CPR: NOV. 43 | | | RECEIVER-AMPLIFIER: CONFIDENTIAL CONTAINS A RECEIVER AND THE INDICATOR-AMPLIFIER COMPONENTS, MINUS LOCAL OSCILLATORS, CRYSTAL MIXER AND PREAMPLIFIER OF RECEIVER. SIZE: ONE STANDARD ATR RACK. OBTAINS POWER FROM PP-16/APS-6 USED WITH RT-17/APS-6. ALSO CONTAINS HV POWER 7/24/44 CAT: MAR. 44 | | |
| R-27/ARC-5 | | | R-31/APS-2E | | | R-35/APS-6 | | |
| | | | | | | | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | | |
|-----------------------|----------------------------|--|-----------------------|--------------------|---|-------------------------------|--------------------|--|----------------------------|-------------------------------|
| R-35/APS-6 | | SUPPLY FOR AND PROVIDES THE FOLLOWING ELECTRICAL INFORMATION TO 1D-32/APS-6 CLASS B INDICATION WITH 100 (BEACON ONLY), 65 (RADAR ONLY) 25 (BOTH RADAR & BEACON) NAUTICAL MI. RANGES, CLASS "O" (MODIFIED CLASS "M") FOR 5 AND 1 NAUT. MI RANGE, CLASS "C" AT 1000 YDS; AND IFF AND BEACON RESPONSES. | R-41/APR-6 | | CYCLES AND 1A. @ 26V. DC. FITS MOUNTING BASE *MT-52/UR. SAME AS RADAR RECEIVER R-42/APR-6X EXCEPT FOR POWER SUPPLY. | R-49/APS-2F | | POWER & CONTROL VOLTAGES. R-49/APS-2F CONTAINS NEW WIDE BAND IFF CIRCUITS & IMPROVED VIDEO OUTPUT. TRIGGER PULSE RISES TO 150 VOLTS IN LESS THAN 2 MICROSEC. HAVING DELAY CONTROL OF 14 TO 24 MICROSEC. USED WITH 1D-30/APS-2D. LUBBER LINE SWITCH ON FRONT PANEL. SUPPLY: 782 WATTS 115/1/400-2400 AND 183 WATTS AT 26V DC. WEIGHT 85 LBS. INTERNAL POWER SUPPLIES ACCOMMODATE AFC. FITS MT-132/APS-2 | | |
| R-39/APR-5 | AN/APR-5 | RADAR RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 1000 & 3100MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC IF BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 VOLT 1Φ 60-2600 CYCLES 8/30/43 CGG: FEB. 44 | R-41(XN-1)/APR-6 | AN/APR-6 | RADAR RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 3000-6000MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC "IF" BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 V 1 PHASE 400-2600 5/10/44 CGG: MAY 44 | R-50/APS-6A | AN/APS-6A | RECEIVER-AMPLIFIER: CONFIDENTIAL CONTAINS A RECEIVER AND THE INDICATOR-AMPLIFIER COMPONENTS, MINUS LOCAL OSCILLATORS, CRYSTAL MIXER AND PREAMPLIFIER OF RECEIVER. SIZE: ONE STANDARD ATR RACK. OBTAINS POWER FROM PP-37/APS-6A ALSO CONTAINS HV POWER SUPPLY FOR 1D-32/APS-6. 10/18/43 CAY: OCT. 43 | | |
| R-39(XN-1)/APR-5 | AN/APR-5 | RADAR RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 1000 & 3100MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC IF BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 VOLTS 1Φ 400-2600 CYCLES 5/10/44 CGG: MAY 44 | R-41(XN-1)/APR-6 | | CYCLES AND 1A. @ 26V. DC. FITS MOUNTING BASE *MT-52/UR. SAME AS RADAR RECEIVER R-42/APR-6X EXCEPT FOR POWER SUPPLY. | R-50/APS-6A | | USED WITH RT-32/APS-6A. SIMILAR TO R-35/APS-6 EXCEPT CONTAINS AFC CIRCUITS AND HAS DIFFERENT CABLE CONNECTIONS. | | |
| R-40/APR-5X | AN/APR-5X | RADAR RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 1000 & 3100 MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC "IF" BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 V 1 PHASE 8/30/43 CGG: FEB. 44 | R-42/APR-6X | AN/APR-6X | RADAR RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 3000-6000 MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC "IF" BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 V. 1 PHASE, 8/30/43 CGG: FEB. 44 | R-51/ARN-12 | AIRBORNE | RADIO RECEIVER: CONFIDENTIAL PULSED FREQ MODULATION RECEIVER: FREQ. RANGE - 625-675 MC - PULSE FREQ MODULATION 50,000±5,000 CYCLES - INPUT 300 W 115 VOLTS 800-2400 CYCLES. & 26V DC CAPABLE OF RECEIVING SIGNALS FROM RADIO TRANSMITTER T-32/ARN-11, AND 11/12/43 CG:DL4W445 MAY 44 | | |
| R-40/APR-5X | AN/APR-5X | RADAR RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 1000 & 3100 MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC "IF" BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 V 1 PHASE 8/30/43 CGG: FEB. 44 | R-42/APR-6X | | 60-2600~. FITS MOUNTING BASE *MT-52/UR. SAME AS RADAR RECEIVER R-41/APR-6 EXCEPT FOR POWER SUPPLY. | R-51/ARN-12 | | UTILIZING EACH OF TEN DIFFERENT AUDIO MODULATION FREQUENCIES TO CONTROL ITS DELAY OR A TOTAL OF ANY OF THREE MULTANEOUSLY. WILL CLOSE ONE CIRCUIT TO SAFELY CARRY 3 AMPS. AT 30 VOLTS DC. RECEIVER SENSITIVITY - 5 MICRO VOLTS - ITS MOUNTING BASE SIZE APPROX. 10 1/8" X 19 1/2" X 7 1/2" PROX. 45 LBS. | | |
| R-40/APR-5X | AN/APR-5X | RADAR RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 1000 & 3100 MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC "IF" BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 V 1 PHASE 8/30/43 CGG: FEB. 44 | R-43/ARN-9 | AN/ARN-9 | RECEIVER-CONVERTER: RESTRICTED RECEIVER COVERS 90 TO 95MC (60 CYCLE MODULATED); TUNABLE BY MEANS OF 3 TRIMMERS MARKED "ANT", "RF", & "DET"; INCLUDES TWO "RF" STAGES, DET-AMP, AND AMPLIFIER-LIMITER. LOCALIZER CONVERTER HAS TWO "AF" STAGES & CONVERTER 9/4/43 CDE: CDE:B-1929A SEPT 43 | R-52/APS-18 | AN/APS-18 | RADAR RECEIVER: CONFIDENTIAL DETECTS AND AMPLIFIES THE REFLECTED RF SIGNALS RECEIVED BY THE ANTENNA. OPERATES IN 500 MC RANGE. OUTPUT IS A POSITIVE VIDEO PULSE SIGNAL. POWER SUPPLY 275V DC, 100 MA AND 6.3V/1Φ/600-1400 CYCLES. 4.05A OBTAINED FROM RELAY TRANS-11/30/43 CADU NOV. 43 | | |
| R-40/APR-5X | AN/APR-5X | RADAR RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 1000 & 3100 MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC "IF" BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 V 1 PHASE 8/30/43 CGG: FEB. 44 | R-43/ARN-9 | | FOR VERTICAL & HORIZONTAL MOVEMENTS OF APPROACH INDICATOR 1D-24/ARN-9. PARALLEL "T" NULL NETWORK FILTERS ARE PROVIDED FOR AN INPUT OF 90 AND 150 CPS. INCLUDES DYNAMOTOR PROVIDING 60MA AT 250 V DC & VOLTAGE REGULATOR TUBE. TOTAL INPUT: 1.8 AMP AT 26 V DC. FITS MOUNTING BASE MT-125/ARN-9. | R-52/APS-18 | | MOUNTING UNIT T-40/APS-18. SIMILAR TO NAVY MODEL CAY-46 AAN. | | |
| R-41/APR-6 | AN/APR-6 | RADAR RECEIVER: CONFIDENTIAL A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 3000-6000MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC "IF" BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 V 1 PHASE 60-2600 8/30/43 CGG: FEB. 44 | R-49/APS-2F | AN/APS-2F | RECEIVER INDICATOR: CONFIDENTIAL INPUT: 30 MC ADJ FOR 5, 20, 50 & 100 NAUT MI. OBJECT DIRECTION INDICATED BY IMAGE POSITION WITH RESPECT TO TUBE CENTER. MASTER CONTROL OF EQUIPMENT PROVIDING TRANSMITTER TRIGGER PULSE. IFF TIMING PULSE. VIDEO SIGNALS FOR LAB. & MISC 10/14/43 OCT. 43 | R-53/ARR-9 | AN/ARR-9 | RELAY RECEIVER: CONFIDENTIAL DETECTS AND AMPLIFIES THE RECEIVED SIGNAL AS TRANSMITTED BY THE RELAY TRANSMITTING UNIT T-40/APS-18 AND TRANSFERS THE DETECTED VIDEO PULSE SIGNALS TO RELAY SIGNAL SEPARATOR F-9/ARR-9. OPERATES IN 100 MC. REGION. INPUT FROM 11/30/43 CADU: NOV. 43 | | |
| | | | | | | | | | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

R-53/ARR-9
 PP-52/ARR-9 IS .120A AT 150V DC AND 3.5A AT 6-3V AC.

R-66/CPN-3A
 AN/APS-2 SERIES EQUIPMENT. SIMILAR TO BUT NOT INTERCHANGEABLE WITH RADIO RECEIVER R-11A/CPN-3 EXCEPT INCLUDES TEMPERATURE STABILIZED LOCAL OSCILLATORS. SIMILAR TO BUT NOT INTERCHANGEABLE WITH RADIO RECEIVER R-11/CPN-3 EXCEPT INCLUDES IMPROVEMENTS OF R-11A/CPN-3 AND ALSO TEMPERATURE STABILIZED LOCAL OSCILLATORS.

R-70/APS-15
 BEACON. PROVISION FOR SYNCHRONIZING FROM RANGE UNIT AT 1155/336 CPS. "IFF" PULSE STARTS WITH TRANSMITTER PULSE. PROVIDES FOR EXTERNAL 2V VIDEO SIGNAL. INPUT 115/1400-2400 & 26V DC. FITS MT-124/APS-15 OR MT-132/APS-2. SAME AS R-16/APS-15 EXCEPT REMOTE BRILLIANCE CONTROL REMOVED & REPLACED BY LUBBER LINE INTENSITY CONTROL AND HAS ASSOCIATED CIRCUIT CHANGES.

R-56/CPN-8 AN/CPN-8
 RECEIVER CODER UNIT: CONFIDENTIAL CONSISTS OF AN "S" BAND CRYSTAL DETECTOR VIDEO RECEIVER WHICH IS ACCESSIBLE FROM A SMALL DOOR FROM THE FRONT. AM AURAL MONITOR, DISCRIMINATOR, CODER WHICH SUPPLIES A MINIMUM OF 20 DIFFERENT CODES AND POWER SUPPLY WHICH OPERATES 12/28/43
 APR. 45

R-67/ARD-3 AN/ARD-3 RE-13A860A
 RADIO RECEIVER: RESTRICTED COVERS FREQ. RANGE OF 350 TO 400 MC. PROVIDES ORAL OUTPUT OF RADIO AND RADAR SIGNALS PICKED UP BY ANTENNA ASSEMBLY AS-86/ARD-3 TO PERMIT OPERATOR TO TAKE RELATIVE BEARINGS AND HOME ON THESE SIGNALS. INCLUDES CRANK FOR MANUAL TUNING
 2/7/44 CARS:
 FEB. 44

R-73/APS-2G AN/APS-2G
 RECEIVER INDICATOR: CONFIDENTIAL INPUT: 30 MC ADJ FOR 5, 20, 50 & 100 NAUT MI. OBJECT DIRECTION INDICATED BY IMAGE POSITION WITH RESPECT TO TUBE CENTER. MASTER CONTROL OF EQUIPMENT PROVIDING TRANSMITTER TRIGGER PULSE. IFF TIMING PULSE. VIDEO SIGNALS FOR LAB & MISC
 2/29/44 CPR:
 FEB. 44

R-56/CPN-8
 FROM 115V @ 60 CYCLES.

R-67/ARD-3
 TO FREQUENCIES OVER RANGE COVERED BY OSCILLATOR. MOUNTS IN 1 ATR RACK.

R-73/APS-2G
 POWER & CONTROL VOLTAGES. R-73/APS-2G CONTAINS NEW BAND WIDTH & NEW TRIGGER PULSE HAVING DELAY CONTROL OF 14 TO 24 MICROSEC. USED WITH ID-68/APS-15. LUBBER LINE SWITCH & LUBBER LINE BRILLIANCE CONTROL ON FRONT PANEL. SUPPLY: 782 WATTS 115/1400-2400 & 185 WATTS AT 26V DC. WEIGHT 75 LBS. INTERNAL POWER SUPPLIES COILAIN HYPER-SIL POWER TRANSFORMERS & ACCOMMODATES AFC. FITS MT-132/APS-2.

R-60/MPN-1A AN/MPN-1A
 RECEIVER: CONFIDENTIAL THIS UNIT IS OF PANEL AND CHASSIS CONSTRUCTION AND CONTAINS THE 5- TUBE I-F AMPLIFIER STRIP, 30MC. AN AUTOMATIC FREQUENCY CONTROL CIRCUIT, A SENSITIVITY-TIME CONTROL CIRCUIT, VIDEO AMPLIFIERS, AND ITS OWN REGULATED POWER SUPPLY.
 1/5/44 CRR: CRR:AR96226-1
 JAN. 44

R-68/AXR-1 AN/AXR-1 RE 13A864A
 RADIO RECEIVER: CONFIDENTIAL RECEIVES, DETECTS, AND AMPLIFIES SIGNALS FROM RADIO TRANSMITTER T-61/AXT-2 AND RECONVERTS ELECTRICAL ENERGY INTO AN OPTICAL IMAGE ON A 7" CATHODE RAY TUBE. USE A SUPERHETERODYNE CIRCUIT, ELECTRON BEAM DEFLECTION CIRCUIT, SYNCHRONIZING
 2/12/44
 FEB. 44

R-78/APS-15A AN/APS-15A
 RECEIVER-INDICATOR: CONFIDENTIAL INPUT 30MC. CONTAINS CIRCUITS FOR PPI INDICATION FOR 4-30, 50 & 100 MILE RANGES. SYNCHRONIZED FROM RANGE UNIT CP-11/APS-15A AT 1350, 650 & 320 CPS. CONTAINS I.F. AND VIDEO AMPLIFIERS & MIXING CIRCUITS. IFF PULSE STARTS WITH
 3/22/44 CPR:
 APR. 44

R-60/MPN-1A
 POWER INPUT 117 VOLTS A-C. POWER OUTPUT: VIDEO PULSES AND LOCAL OSCILLATOR FREQUENCY CONTROL VOLTAGE. (AFC) SIMILAR TO: RADAR RECEIVER R-38/MPN-1. DIMENSIONS: 19" X 8 5/4" X 22.

R-68/AXR-1
 SEPARATION CIRCUITS AND HIGH VOLTAGE GENERATING CIRCUIT. COVERS FREQUENCY RANGE 264 TO 372 MC.

R-78/APS-15A
 TRANSMITTER PULSE. PROVIDES FOR EXTERNAL 2V VIDEO SIGNAL. INPUT 115/1400-2400 & 26V DC. FITS MT-124/APS-15 OR MT-132/APS-2. SIMILAR TO R-16/APS-15 AND R-70/APS-15 EXCEPT FOR CIRCUIT CHANGES. SIZE APPROX. 21 13/16" X 13 3/8" X 19 1/2". WT. 75 LBS.

R-64/ARW-17 AN/ARW-17
 RADIO RECEIVER: CONFIDENTIAL DESIGNED FOR THE RECEPTION OF FREQUENCY MODULATED SIGNALS WITH DEVIATION UP TO ±15 KC. CAPABLE OF RESPONDING TO 5 CONTROL CHANNELS OF SPECIFIED AUDIO FREQUENCIES. INCLUDES SELF-CONTAINED POWER UNIT SUPPLYING 24 V DC, 3 AMPS.
 2/1/44
 JAN. 45

R-69/SPQ-1 AN/SPQ-1 RESTRICTED
 RADAR RECEIVER: OPERATES IN "L" BAND. DETECTS AND AMPLIFIES SIGNALS FROM ANTENNA ASSEMBLY AS-36/APQ-2 AND AUTOMATICALLY CONTROLS THE OPERATING FREQUENCY OF RADAR TRANSMITTER T-63/SPQ-1. AUTOMATICALLY MONITORS A PRESET BAND AND INCLUDES A CONTROL
 2/25/44 CALG: CBS127G
 JUN. 44

R-78A/APS-15A AN/APS-15A CONFIDENTIAL
 RECEIVER-INDICATOR INPUT 30 MC. CONTAINS CIRCUIT FOR PPI INDICATION FOR 5-30, 50 AND 100 MILE RANGES. SYNCHRONIZED FROM RANGE UNIT CP-11/APS-15A AT 1350, 650 AND 320 CPS. CONTAINS IF AND VIDEO AMPLIFIERS AND MIXING CIRCUITS. IFF PULSE STARTS WITH
 10/25/44 CPR:
 OCT. 44

R-64/ARW-17
 USED IN SPECIAL DESIGN AIRCRAFT FOR REMOTE CONTROL OPERATION THEREOF. MAY BE USED IN MODULATED FREQUENCY RANGE OF 1500 TO 6500 CYCLES AND MAY BE USED WITH RADIO TRANSMITTER T-24/ARW-3. BY PROPER SELECTION OF CRYSTALS CAN COVER FREQUENCY RANGE OF 30 TO 42 MC.

R-69/SPQ-1
 SYSTEM WHICH SETS THE RADAR TRANSMITTER T-63/SPQ-1 ON THE PROPER FREQUENCY. INPUT: 115V/10/400-800-.

R-78A/APS-15A
 TRANSMITTER PULSE. PROVIDES 2 TO 4 VOLTS VIDEO SIGNAL. PROVIDES SELECTION OF INSTANTANEOUS AUTOMATIC GAIN CONTROL (IAGC) AND SHORT TIME CONSTANT CIRCUITS (STC) FOR ANTI-JAMMING AND GROUND OR SEA RETURN DIFFERENTIATION. INPUT: 115/1400-2400 AND 26V DC. FITS MT-124/APS-15 OR MT-132/APS-2. SAME AS R-78/APS-15A EXCEPT DESIGN IMPROVEMENTS.

R-66/CPN-3A AN/CPN-3A
 RADIO RECEIVER: CONFIDENTIAL A SUPER HETERODYNE RECEIVER OF THE PANEL TYPE WITH A DOUBLE INJECTION MIXER CAVITY. INCLUDES AN INTERNAL POWER SUPPLY FOR OPERATION ON 115/10/50-70-. WILL OPERATE WITH AIRBORNE EQUIPMENT. RADIO SETS SCR 5178 & C SCR 717A & B AND
 2/4/44 CPR:
 FEB. 44

R-70/APS-15 AN/APS-15
 RECEIVER-INDICATOR: CONFIDENTIAL INPUT 30 MC. FROM RT-15/APS-15 "PPI" INDICATION FOR 5, 20, 50 & 100 NAUT. MI. TRANSMITS TRIGGER PULSE 20 MICROSEC AT HALF AMPLITUDE 120±20V WITH LEADING EDGE TO FULL AMPLITUDE IN 3 MICROSEC. FREQ: 650/ADJ. 300 TO 325 CPS FOR SEARCH/
 2/26/44 CPR:
 MAR. 44

R-78M/APS-15A AN/APS-15AM CONFIDENTIAL
 RECEIVER-INDICATOR: INPUT 30MC. CONTAINS CIRCUITS FOR PPI INDICATION FOR 4-30, 50 & 100 MILE RANGES. SYNCHRONIZED FROM RANGE UNIT CP-11AM/APS-15A AT 2021, 650 & 320 CPS. CONTAINS I.F. AND VIDEO AMPLIFIERS & MIXING CIRCUITS. IFF PULSE STARTS WITH
 3/10/45 CPR: CPR:5L0-1648
 MAR. 45A

ASSIGNED
ISSUED

ASSIGNED
ISSUED

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|------|----------------------------|-------------------------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|------|----------------------------|-------------------------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|----------------------------|--------------------|--|-------------------------|--------------------|---|--------------------------|--------------------|---|
| R-78M/APS-15A | | TRANSMITTER PULSE. PROVIDES FOR EXTERNAL 2V VIDEO SIGNAL. INPUT 115/1/400-2400 & 26V DC. FITS MT-124/APS-15 OR MT-132/APS-2. SAME AS R-78/APS-15A EXCEPT MODIFIED TO INCLUDE PROVISIONS FOR WIDE BAND FREQUENCY SELECTION, ANTI-CLUTTER CIRCUITS, 4 ADDITIONAL SWITCHES AND CIRCUIT CHANGES. SIZE APPROX: 21 13/16" X 13 3/8" X 19 1/2". WT. 75 LBS. | R-83/ARW-22 | | 42 MC. POWER INPUT: 4A @ 26V. DC OUTPUT OF RECEIVER IS FED INTO SELECTOR UNIT RE-10/ARW- | R-90/UXR-2 | | 9A APPROX. INCLUDES WIDE RANGE R F AMPLIFIER AND DETECTOR CIRCUITS WHICH WILL COVER BLOCK I FREQUENCIES. USED WITH ANTENNA ASSEMBLY AS-128/UXR-2. |
| R-78AM/APS-15A AN/APS-15AM | | RECEIVER-INDICATOR CONFIDENTIAL INPUT 30 MC. CONTAINS CIRCUIT FOR PPI INDICATION FOR 5-30, 50 AND 100 MILE RANGES. SYNCHRONIZED FROM RANGE UNIT CP-11/APS-15A AT 1350, 650 AND 320 CPS. CONTAINS IF AND VIDEO AMPLIFIERS AND MIXING CIRCUITS. IFF PULSE STARTS WITH 12/18/44 DEC. 44 | R-84/ARW-22X AN/ARW-22X | | RADIO RECEIVER: RESTRICTED CAPABLE OF ACCEPTING RADIATIONS PRODUCED BY RADIO TRANSMITTING SET AN/ARW-21 OR AN/ARW-21X AND REPRODUCES IN ITS OUTPUT CONTROL SIGNALS SIMILAR TO THOSE FED INTO RADIO TRANSMITTER T-72/ARW-21 OR T-73/ARW-21X. OPERATING FREQUENCY 30 TO 4/5/44 APR. 44 | R-91/APR-5AX AN/APR-5AX | | RESTRICTED RADAR RECEIVER: A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 1000 TO 6000MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10MC IF BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 115 VOLTS 1ϕ 60 CYCLES 4/3/44 CCG: MAY 44 |
| R-78AM/APS-15A | | TRANSMITTER PULSE. FOR ANTIJAMMING AND GROUND OR SEA RETURN DIFFERENTIATION. INPUT: 115/1/400-2400 AND 26V DC. FITS MT-124/APS-15 OR MT-132/APS-2. SAME AS R-78A/APS-15A EXCEPT MODIFIED TO INCORPORATE WIDE BAND FREQUENCY SELECTION. | R-84/ARW-22X | | 42 MC. POWER INPUT: 6.5A @ 13V DC. OUTPUT OF RECEIVER IS FED INTO SELECTOR UNIT RE-10/ARW. SIMILAR TO R-83/ARW-22 EXCEPT FOR POWER REQUIREMENTS. | R-91/APR-5AX | | FITS MOUNTING BASE #MT-52/UR. HOUSES AND IS USED WITH BUT DOES NOT INCLUDE EITHER MIXER UNIT CV-12/APR-6 OR CV-13/APR-5. |
| R-81/ARW-20 AN/ARW-20 | | RADIO RECEIVER: RESTRICTED CAPABLE OF ACCEPTING RADIATION PRODUCED BY RADIO TRANSMITTING SET AN/ARW-19 OR AN/ARW-19X AND REPRODUCES IN ITS OUTPUT CONTROL SIGNALS SIMILAR TO THOSE FED INTO RADIO TRANSMITTER T-70/ARW-19 OR T-71/ARW-19X. OPERATING FREQUENCY 23 TO 4/5/44 APR. 44 | R-87/TPS-1B AN/TPS-1B | | RADIO RECEIVER: CONFIDENTIAL RECEIVER CONTAINS FOUR COAXIAL TUNERS, TWO WHICH ARE PREAMPLIFIER STAGES. ANOTHER ONE A CONVERTER AND THE FOURTH A LOCAL OSCILLATOR. ALL THE TUNERS EMPLOY 6L446A VACUUM TUBES. DIMENSIONS OF FRAME TYPE CHASSIS APPROX. 6" HIGH BY 4/17/44 CW: X-66171T CW: 3L-4175-50 DEC. 44 | R-91A/APR-5AX AN/APR-5AX | | RESTRICTED RADAR RECEIVER: A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 1000 TO 10000MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10MC IF BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 115 VOLTS 1ϕ 60 CYCLES 11/11/44 CCG: NOV. 44 |
| R-81/ARW-20 | | 28 MC. POWER INPUT 4A, 26V. DC. OUTPUT OF RECEIVER IS FED INTO SELECTOR UNIT RE-10/ARW. | R-87/TPS-1B | | 22" BY 22". UNIT IS SIMILAR TO RECEIVER IN RADIO SET AN/CPS-5 AND IN MK 20, MOD. 1 RADAR. | R-91A/APR-5AX | | FITS MOUNTING BASE #MT-52/UR. HOUSES AND IS USED WITH BUT DOES NOT INCLUDE EITHER MIXER UNIT CV-12/APR-6, CV-12A/APR-6 OR CV-13/APR-5. SIMILAR TO R-91/APR-5AX EXCEPT PANORAMIC ADAPTER OUTLET ADDED. POLARITY OF VIDEO PULSE CHANGED FROM + TO -, & AUDIO PULSE STRETCHER CIRCUIT ADDED. |
| R-82/ARW-20X AN/ARW-20X | | RADIO RECEIVER: RESTRICTED CAPABLE OF ACCEPTING RADIATIONS PRODUCED BY RADIO TRANSMITTING SET AN/ARW-19 OR AN/ARW-19X AND REPRODUCES IN ITS OUTPUT CONTROL SIGNALS SIMILAR TO THOSE FED INTO RADIO TRANSMITTER T-70/ARW-19 OR T-71/ARW-19X. OPERATING FREQUENCY 23 TO 4/5/44 APR. 44. | R-88/CPN-6 AN/CPN-6 | | RADIO RECEIVER: CONFIDENTIAL CAPABLE OF RECEIVING ANY INTERROGATING X-BAND SIGNALS FROM AIRCRAFT RADAR EQUIPMENT. INCLUDES I.F. STRIP AM-45/CPN-6 AND DISCRIMINATOR F-12/CPN-6 WHICH ACCEPTS VIDEO PULSE SIGNALS OF 2 TO 5 MICROSECS. DURATION FOR TRANSMITTAL 4/29/44 CCG: MAY 45 | R-98/APR-5AY AN/APR-5AY | | RADIO RECEIVER: RESTRICTED A SUPERHETERODYNE RADAR SEARCH RECEIVER WHICH COVERS THE FREQUENCY RANGE OF 1000 TO 6000 MC CONTINUOUSLY BY MEANS OF A SINGLE DIAL TUNING CONTROL. HAS 10 MC IF BAND WIDTH WITH A 30 MC CENTER. OPERATES FROM 80 OR 115 VOLTS 1ϕ 400-2600 CYCLES 5/17/44 CCG: JUN. 44 |
| R-82/ARW-20X | | 28 MC. POWER INPUT 13V DC. @ 6.5A. OUTPUT OF RADIO RECEIVER IS FED INTO SELECTOR UNIT RE-10/ARW. SIMILAR TO RADIO RECEIVER R-81/ARW-20 EXCEPT FOR DIFFERENT POWER REQUIREMENTS. | R-88/CPN-6 | | TO CODER R-88/CPN-6 KY-6/CPN-6 OR KY-6A/CPN-6. INPUT 110V/1ϕ/50-70- AND -150V. +150V AND 250V FROM POWER SUPPLY OF CODER KY-6/CPN-6 OR KY-6A/CPN-6. | R-98/APR-5AY | | AND 1A, @ 26 V. DC. FITS MOUNTING BASE #MT-52/UR. HOUSES AND IS USED WITH BUT DOES NOT INCLUDE EITHER MIXER ASSEMBLY CV-12/APR-6 OR CV-13/APR-5. SIMILAR TO R-91/APR-5AX EXCEPT FOR POWER INPUT. |
| R-83/ARW-22 AN/ARW-22 | | RADIO RECEIVER: RESTRICTED CAPABLE OF ACCEPTING RADIATIONS PRODUCED BY RADIO TRANSMITTING SET AN/ARW-21 OR AN/ARW-21X AND REPRODUCES IN ITS OUTPUT CONTROL SIGNALS SIMILAR TO THOSE FED INTO RADIO TRANSMITTER T-72/ARW-21 OR T-73/ARW-21X OPERATING FREQUENCY 30 TO 4/5/44 APR. 44 | R-90/UXR-2 AN/UXR-2 | | RADIO RECEIVER: CONFIDENTIAL CAPABLE OF RECEIVING INTELLIGENCE FROM BLOCK I TYPE EQUIPMENT OR AN/AXT-5. OPERATES IN FREQUENCY REGION OF 100 MC. INCLUDES 7" KINESCOPE VIEWING TUBE AND IS CAPABLE OF FEEDING INTELLIGENCE TO REMOTE MONITORS. POWER INPUT: 26V DC @ 5/4/44 MAY 44 | R-99/CPN-17 AN/CPN-17 | | RADIO RECEIVER: CONFIDENTIAL CAPABLE OF RECEIVING ANY INTERROGATING S-BAND SIGNALS FROM AIRCRAFT RADAR EQUIPMENT. INCLUDES A DISCRIMINATOR F-12A/CPN-6 WHICH ACCEPTS VIDEO PULSE SIGNALS OF 2 TO 3 1/2 MICROSECS. DURATION FOR TRANSMITTAL TO CODER KY-6A/CPN-6. 5/20/44 FEB. 45 |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

R-99/CPN-17
 INPUT 110V/10/50-70~ AND -150V. +150V AND 250V FROM POWER SUPPLY OF CODER KY-6A/CPH-6. SIMILAR TO AND MECHANICALLY INTERCHANGEABLE WITH R-88/CPN-6 EXCEPT FOR FREQUENCY RANGE.

R-107/ARM-23
 SPECIAL DESIGN AIRCRAFT FOR REMOTE CONTROL OPERATION THEREOF MAY BE USED IN THE MODULATION FREQUENCY RANGES OF 300 TO 6500 CYCLES AND CARRIER FREQUENCY RANGE OF 132 TO 140 MC.

R-145/APR-7A AN/APR-7A
 RADAR RECEIVER: RESTRICTED TUNABLE DIRECT DETECTION RECEIVER COVERING THE FREQUENCY RANGE OF 1000 TO 3500 MC. EMPLOYS A COAXIAL LINE TUNABLE RESONATOR IN WHICH A CRYSTAL DETECTOR IS MOUNTED. CRYSTAL DETECTOR IS FOLLOWED BY A SUPERSONIC AMPLIFIER, A DIODE RECTIFIER 10/10/44 RRL:D2100
 OCT. 44

R-103(XN-)/ARC-2 AN/ARC-2 CONFIDENTIAL
 RADIO RECEIVER:
 EIGHT CHANNEL RECEIVER, EACH CHANNEL OF WHICH CAN BE PRESET TO ANY FREQUENCY IN THE RANGE OF 1.5 MC TO 18.5 MC; AND IS CAPABLE OF CW, MCW AND VOICE MODULATED SIGNALS. EMPLOYS THE COLLINS AUTOTUNE 51H-1 QUICK SHIFT SYSTEM WHICH PERMITS
 5/27/44
 JAN. 45

R-112/ARC-5 AN/ARC-5
 RADIO RECEIVER: CONFIDENTIAL
 FREQ. RANGE 100-125 MC. MANUALLY TUNED OVER THE ENTIRE RANGE; FOR A-2, A-3 RECEPTION; INCLUDES CIRCUITS FOR MVC AND AVC. FOR USE WITH 28V DC. PLUG IN DYNAMOTOR DY-2/ARR-2. FITS MOUNTING RACK MT-63/ARC-5. DIMENSIONS: 11 1/2 X 4 7/17/44 CBY:10003
 JULY 44

R-135/APR-7A
 FIER AND AN AUDIO AMPLIFIER. POWER SUPPLY IS 30W @ 115V/10/60-400~. MOUNTS ON MT-167/U. USED WITH AS-125/APR OR AS-44/APR. INFORMATION KNOWN AS "SPUD".

LOCAL R-103(XN-)/ARC-2
 AND ELECTRICAL REMOTE SELECTION OF ANY PRESET FREQUENCY. PROCURED FROM RCA ON CONTRACT NX88-46929 AND FROM COLLINS ON CONTRACT NX8a-39133.

R-112/ARC-5
 4 13/16" X 5 5/8". WEIGHT: 6 LBS.

R-136/ARM-14 AN/ARM-14 RE 9637A
 RADIO RECEIVER CONFIDENTIAL
 DOUBLE CONVERSION SUPERHETERODYNE TYPE DESIGNED TO RECEIVE A FREQUENCY MODULATED CARRIER ON THE BAND, 132 TO 140 MC. HAS 10 AUDIO CHANNEL NETWORKS TO SELECT AND RESPOND TO THE CHOSEN AUDIO SIGNAL WHICH HAS BEEN SUPERIMPOSED ON OR KEYPED
 10/18/44
 JAN. 45

R-105/ARR-15 AN/ARR-15 CONFIDENTIAL
 RADIO RECEIVER: CONFIDENTIAL
 RECEIVER EMPLOYING THE COLLINS AUTOTUNE QUICK SHIFT SYSTEM WHICH PERMITS LOCAL AND ELECTRICAL REMOTE SELECTION OF ANY PRESET FREQUENCY. INCORPORATES A HIGH VOLTAGE POWER SUPPLY AND IS CAPABLE OF CW, MCW AND VOICE MODULATED RECEPTION OF
 6/9/44 COL:
 MAY 45.

R-113/ARC-5 AN/ARC-5
 RADIO RECEIVER: CONFIDENTIAL
 FREQ. RANGE 125-156 MC. MANUALLY TUNED OVER ENTIRE RANGE; FOR A-2, A-3 RECEPTION, INCLUDES MVC AND AVC. FOR USE WITH 28V DC. PLUG-IN DYNAMOTOR DY-2/ARR-2. FITS MOUNTING RACK MT-63/ARC-5. DIMENSIONS: 11 1/2" X 4 13/16" X 5 5/8" WT 6#
 7/17/44 CBY:2908
 JULY 44

R-136/ARM-14
 WITH THE CARRIER SIGNAL OF RADIO RECEIVING SET AN/ARM-13. POWER SUPPLY 26.5V DC. STANDARD SARC-B-1-D RACK. TOTAL WT. (PLUS RACK) IS 45 LBS.

R-105/ARR-15
 R.F. ENERGY. INPUT 26.5V DC. INCLUDES 10 CHANNELS WHICH CAN BE PRESET TO ANY FREQUENCY IN THE RANGE OF 1.5 TO 18.5 MC.

R-120/APD-1 AN/APD-1
 RADAR RECEIVER: CONFIDENTIAL
 DIRECTION FINDER RECEIVER FREQ. RANGE 140 TO 180 MC. MODIFIED ASE RECEIVER BUT NOT ELECTRICALLY OR MECHANICALLY INTERCHANGEABLE
 APPROX. SIZE 20" X 9" X 9" WT. 33#. WILL BE INSTALLED IN T6F AIRCRAFT. PART OF
 8/16/44
 AUG. 44

R-138/ARR-14(C) AN/ARR-14(C)
 RADIO RECEIVER CONFIDENTIAL
 A SINGLE CONVERSION TYPE. SUPERHETERODYNE, FIXED TUNED. CRYSTAL CONTROLLED RECEIVER WHICH OPERATES ON FREQUENCIES OF 23 TO 33 MC AND 33 TO 47 MC., WITH TWO SETS OF PLUG IN COILS. CAPABLE OF RECEIVING FREQUENCY MODULATED SIGNALS OF
 10/31/44 CFL:
 NOV. 44

R-106/ARR-16 AN/ARR-16
 RADIO RECEIVER: CONFIDENTIAL
 RADIO RECEIVER OPERATING OVER FREQUENCY RANGE OF 62 TO 72 MC. USED WITH AN/CRT-1 AND AN/CRT-1A AND AN/CRT-4. INCORPORATES CIRCUITS FOR AZIMUTH INDICATION WHEN USED WITH ID-96/ARR-16 AND ID-97/ARR-16. INCLUDES PROVISIONS FOR CONNECTING OUT-
 6/20/44
 JUN. 44

R-120/APD-1
 AN/APD-1 REQUIRES 120V A.C AT 800 CPS & 28 VOLTS DC.

R-138/ARR-14(C)
 THE TYPE (±50 KC DEVIATION) TRANSMITTED BY RADIO TRANSMITTER T-117/ART-17 AND REPRODUCING AT ITS OUTPUT SIGNALS IDENTICAL TO THOSE SUPPLIED TO T-117/ART-17. OUTPUT 2 VOLTS ACROSS 50 OHMS. INPUT: 26V DC @ 8A. WT. APPROX. 25 LBS. PART OF AN/ARR-14.

PUT OF AIRCRAFT INTER- R-106/ARR-16
 COMMUNICATION SYSTEM TO INPUT OF THE LAST AUDIO STAGE OF THE RECEIVER. INCLUDES A CROME PLANETARY DIAL DRIVE #599 OR EQUAL WITH A DIAL SCALE INDICATING 12 SPOT FREQUENCIES.

R-131/ARR-18 AN/ARR-18 CONFIDENTIAL
 RADIO RECEIVER:
 RADIO RECEIVER OPERATING IN THE FREQUENCY RANGE OF 195 TO 9050 KC. DESIGNED TO PROVIDE SIX PRESET FREQUENCIES WITHIN THE RANGE 1600 TO 9050 KC AND PROVIDES CONTINUOUSLY VARIABLE COVERAGE WITHIN THE RANGE 195 TO 1600 KC. MOUNTS ON MOUNTING
 8/19/44 CRV:
 AUG. 44

R-141/GMQ-5 AN/GMQ-5 CONFIDENTIAL
 RADIO RECEIVER
 SUPERHETERODYNE TYPE RECEIVER. SENSITIVITY OF 8 TO 10 MICROVOLTS. CRYSTAL CONTROLLED ON 111MC WORKS ON SIGNALS TRANSMITTED BY AIRBORNE RECEIVER-TRANSMITTER RT-81/AM AND PROVIDES AUDIO SIGNALS & D.C. VOLTAGE FOR ANTENNA CONTROL UNIT
 12/4/44 CFL:
 FEB. 45

R-107/ARM-23 AN/ARM-23 CONFIDENTIAL
 RADIO RECEIVER:
 DESIGNED FOR THE RECEPTION OF FREQUENCY MODULATED SIGNALS.
 CAPABLE OF RESPONDING TO CONTROL CHANNELS OF SPECIFIED AUDIO FREQUENCIES. INCLUDES A SELF-CONTAINED POWER UNIT SUPPLYING 24 VOLTS DC. 2 AMPS USED IN
 6/22/44
 JAN. 45

R-131/ARR-18
 BASE MT-324/ARR-18.

R-141/GMQ-5
 C-215/GMQ-5, PHASE METER. ID-124/GMQ-5 AND OSCILLOSCOPE ID-125/GMQ-5, AND FOR RELAY UNIT RE-29/GMQ-5. POWER INPUT 70 V.A. FROM 115V/1PHASE/60 CYCLES.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

R-142A/APS-20 AN/APS-20A CONFIDENTIAL
 RADAR RECEIVER:
 RECEIVER - CONSISTS OF AN IF AMPLIFIER, DETECTOR, VIDEO AMPLIFIER AND ANTI-CLUTTER CIRCUITS. IT ALSO INCLUDES A LOCAL OSCILLATOR WITH AFC AND "KEEP ALIVE" RECTIFIER POWER SUPPLY. IT PROVIDES VIDEO OUTPUT, LOCAL OSCILLATOR
 4/14/45 CG:
 APR. 45A 948A

R-142A/APS-20
 OUTPUT, AND "KEEP ALIVE" VOLTAGE. OPERATES IN THE "S" BAND. INPUTS ARE: SIGNAL IF; AUTOMATIC FREQUENCY CONTROL IF, AND 120 VOLTS, 400 CYCLE, A.C. AND 28 VOLTS DC. DIMENSIONS: 24" X 12 1/2" X 8 1/2". WT.: 50 LBS. SIMILAR TO R-142/APS-20 EXCEPT INCLUDES AC BLOWER UNIT.

R-144/APX-13 AN/APX-13 CONFIDENTIAL
 RADAR RECEIVER:
 RECEIVES ON TWO FREQUENCY BANDS; 175-185 MC., AND 205-215 MC., BAND WIDTH IS 4 MC. PROVIDES A FIXED VIDEO OUTPUT OF +40V AND A VARIABLE OF 0-16V. NOISE FIGURE IS 8 db. RECEIVER CONTAINS TWO RF SECTIONS EACH OF WHICH CONTAINS A TWO
 12/9/44 CLP:D11922A
 DEC. 44

R-144/APX-13
 STAGE R.F. AMPLIFIER, A HARTLY OSCILLATOR AND MIXER. THE OUTPUT FROM EITHER OF R.F. SECTIONS MAY BE FED THROUGH THE COMMON 6 STAGE IF AMPLIFIER, DETECTOR AND TWO STAGE VIDEO AMPLIFIER. POWER INPUT, 115V AC AT 1.25 VA 400-800 CYCLES, 28V DC AT .5A. MOUNTED ON STANDARD SAR RACK, SIZE BID, WT. 30 LBS. PART OF RADAR SET AN/APX-13.

R-144A/APX-13 AN/APX-13 CONFIDENTIAL
 RADAR RECEIVER:
 RECEIVES ON TWO FREQUENCY BANDS; 175-185 MC., AND 205-215 MC., BAND WIDTH IS 4 MC. PROVIDES A FIXED VIDEO OUTPUT OF +40V AND A VARIABLE OF 0-16V. NOISE FIGURE IS 8 db. RECEIVER CONTAINS TWO RF SECTIONS EACH OF WHICH CONTAINS A TWO
 4/17/45 CLP:D11922A
 APR. 45B 918

R-144A/APX-13
 STAGE R.F. AMPLIFIER, A HARTLY OSCILLATOR AND MIXER. THE OUTPUT FROM EITHER R.F. SECTIONS MAY BE FED THROUGH COMMON 6 STAGE IF AMPLIFIER, DETECTOR & 2 STAGE VIDEO AMPLIFIER. POWER INPUT, 115V AC AT 1.25 VA 400-800. 28V DC AT .5A. MOUNTED ON SIZE BID RACK WT. 30 LBS. PART OF AN/APX-13. SIMILAR TO R-144/APX-13 EXCEPT INCLUDES DIFFERENT COMPONENTS.

R-145/ARR-16A AN/ARR-16A CONFIDENTIAL
 RADIO RECEIVER: Mxga 64129
 RADIO RECEIVER OPERATING OVER FREQUENCY RANGE OF 62 TO 72 MC. USED WITH AN/CRT-1 AND AN/CRT-1A AND AN/CRT-4. INCORPORATES CIRCUITS FOR AZIMUTH INDICATION WHEN USED WITH ID-132/ARR-16A AND ID-133/ARR-16A. INCLUDES PROVISIONS FOR
 12/18/44 CFF:
 DEC. 44

R-145/ARR-16A
 CONNECTING OUTPUT OF AIR-CRAFT INTERCOMMUNICATION SYSTEM TO INPUT OF THE FIRST AUDIO STAGE OF THE RECEIVER. INCLUDES A RADIO CONDENSER CO 2 SPEED DIAL DRIVE ONE OF WHICH IS PLANETARY AND THE OTHER IS A GEAR DRIVE WITH A DIAL SCALE INDICATING 12 SPOT FREQUENCIES. SIMILAR TO, EXCEPT FOR DESIGN IMPROVEMENTS AND DIFFERENT RECEPTACLES, BUT NOT INTERCHANGEABLE WITH R-106/ARR-16.

R-146/ARW-35 AN/ARW-35 CONFIDENTIAL
 RADIO RECEIVER:
 FREQ MODULATION RECEIVER; FREQ RANGE, 52-65 MC- FREQ MODULATION, ±15 KC - INPUT 200 WATTS 24-29 V DC- CAPABLE OF RECEIVING SIGNALS FROM RADIO TRANSMITTER T-125/ARM-34, AND UTILIZING EACH OF TEN DIFFERENT MODULATION FREQUENCIES FROM
 12/19/44 CFL:
 DEC. 44

R-146/ARW-35
 300 TO 6500 CY TO CONTROL ITS OWN RELAY, WHICH WILL CLOSE ONE CIRCUIT AND SAFELY CARRY 1 AMP AT 30 V DC - FITS MOUNTING BASE #MT-52/UR.

R-146A/ARW-35 AN/ARW-35 CONFIDENTIAL
 RADIO RECEIVER:
 FREQ MODULATION RECEIVER; FREQ RANGE, 52-65 MC- FREQ DEVIATION ±25 KC - INPUT 200 WATTS 23 V DC- CAPABLE OF RECEIVING SIGNALS FROM RADIO TRANSMITTER T-125/ARM-34, AND UTILIZING EACH OF TEN DIFFERENT MODULATION FREQUENCIES FROM
 1/12/45 CFL:
 MAY 45

R-146A/ARW-35
 300 TO 6500 CY TO CONTROL ITS OWN RELAY, WHICH WILL CLOSE ONE CIRCUIT AND SAFELY CARRY 1 AMP AT 30 V DC - FITS MOUNTING BASE #MT-52/UR. SIMILAR TO R-146/ARW-35 EXCEPT ADDS SQUELCH CIRCUIT TO AVOID IN-ADVERTENT CHANNEL OPERATION.

R-147/ARR-2B AN/ARR-2B CONFIDENTIAL
 RADIO RECEIVER
 FREQUENCY RANGE 234 TO 258 MC. INCLUDES CIRCUITS WHICH PERMIT 10 CHANNEL OPERATION OF MODULATED SIGNALS WITHIN THE RANGE OF 540 TO 850 KC. WHEN DOUBLE MODULATED A1, A2 OR A3. INPUT 28V DC. WT: APPROX. 22 LBS DIMENSIONS: 1/2 ATR WIDE
 1/16/45
 JAN. 45

R-147/ARR-2B
 AND 3/4 ATR LONG. SARC A-1C. MAY BE USED TO REPLACE RADIO RECEIVER #R-4/ARR-2 OR #R-4A/ARR-2.

R-148/ARC-5X AN/ARC-5X RE13A597A
 RADIO RECEIVER: RESTRICTED
 FREQ. RANGE: 0.19 TO 0.55 MC. FOR A1, A2, A3 RECEPTION. INCLUDES ANTENNA LOOP SWITCH AND CIRCUITS FOR NYC AND AVC. FOR USE WITH 14V DC PLUG-IN DYNAMOTOR #DY-1/ARR-2X. FITS MOUNTING RACKS (REC) #T-411/ARC-5X ETC. OF AN/ARC-5 EQUIPMENT.
 1/19/45 CBT:
 FEB. 45

R-148/ARC-5X
 SAME AS NAVY TYPE -46102 EXCEPT INCLUDES AVC CIRCUIT & OPERATES ON 14V DC. SAME AS -46129 EXCEPT INCLUDES ANTENNA LOOP SWITCH AND AVC CIRCUIT AND OPERATES ON 14V DC. SIZE: 11 1/2" X 4 13/16" X 5 5/8". WT: 6 LBS. POWER SUPPLY 14V DC @ 3.4A. SIMILAR TO R-23A/ARC-5 EXCEPT OPERATES ON 14V DC INSTEAD OF 28.

R-151/GPX-2 AN/GPX-2 SPEC: EN-102
 RADAR RECEIVER: CONFIDENTIAL
 RADAR RECEIVER - CONSISTS OF A SUPERHETRODYNE RECEIVER WITH 3 RF TUNING CONTROLS, LOCAL OSCILLATOR CAPABLE OF TUNING TO A CERTAIN BAND OF FREQUENCIES AND A PRE-TUNED IF CHANNEL FOLLOWED BY A VIDEO AMPLIFIER. SIMILAR TO RECEIVER
 1/22/45
 JAN. 45A

R-151/GPX-2
 UNIT OF BC-800A EXCEPT MODIFIED TO OPERATE ON 60 CYCLE POWER, SHALL BE MOUNTED ON A STANDARD 19" RELAY RACK PANEL HAVING A MAXIMUM HEIGHT OF 8 3/4". INCLUDES ANTENNA SWITCHING UNIT (FORMERLY PART OF INDICATOR UNIT OS SCR-729A). POWER SUPPLY OBTAINED FROM TRANSMITTER, T-129/GPX-2. CONTRACT NOs 4516 WITH MAJESTIC.

R-153/ARM-37 AN/ARM-37 CONFIDENTIAL
 RADIO RECEIVER:
 MINIATURE RADIO REMOTE CONTROLLED RECEIVER DESIGNED FOR RECEPTION OF FM SIGNALS IN THE RANGE OF 300 TO 6500 CYCLES ON A CARRIER IN THE RANGE OF 52 TO 65 MC. CAPABLE OF RESPONDING TO 5 CONTROL CHANNELS OF SPECIFIED AUDIO FREQUENCIES.
 1/30/45
 JAN. 45

R-153/ARM-37
 FREQUENCIES MAY BE VARIED BY CHANGING CONTROL CRYSTAL. INPUT 28V DC @ 2 A. DESIGNED FOR "RAZON" APPLICATION.

R-156/ARR-16B AN/ARR-16B CONFIDENTIAL
 RADIO RECEIVER:
 RADIO RECEIVER OPERATING OVER A FREQUENCY RANGE OF 62 TO 72 MC. INCORPORATES CIRCUITS FOR AZIMUTH INDICATION WHEN USED WITH AZIMUTH INDICATOR ID-151/ARR-16B. INCLUDES PROVISIONS FOR CONNECTING OUTPUT OF AIRCRAFT INTERCOMMUNICATION
 2/22/45
 APR. 45

R-156/ARR-16B
 SYSTEM TO FIRST AUDIO STAGE OF RECEIVER. USED WITH AN/CRT-1A, AN/CRT-1B AND AN/CRT-4. SIMILAR TO R-145/ARR-16A EXCEPT INCLUDES SELF CONTAINED POWER SUPPLY AND NOT INTERCHANGEABLE. INPUT: 28V DC.

R-161/APS-19 AN/APS-19 948AC
 RADAR RECEIVER: CONFIDENTIAL
 CONSISTS OF TR AND RT CAVITIES AND BEACON REFERENCE CAVITY, MIXER CAVITIES TO HOUSE CRYSTAL DETECTORS, DOUBLE LOCAL OSCILLATOR FOR RADAR AND BEACON OPERATION AUTO-MATIC FREQUENCY CONTROL FOR THE SEARCH BEACON LOCAL OSCILLATORS AND 7
 3/25/45 CS:
 MAR. 45

R-161/APS-19
 STAGES OF IF AND VIDEO AMPLIFIER. PART OF TRANSMITTER-RECEIVER RT-100/APS-19.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

R-162/SRR-1 AN/SRR-1 RE 16L3 MOD
 RADIO RECEIVER: CONFIDENTIAL
 RADIO RECEIVER USED TO RECEIVE SIGNAL OF THE FREQUENCY MODULATED TYPE TRANSMITTED BY AN/ART-23. PERMITS RELAYING A RADAR SIGNAL FROM AN AIRPLANE TO A SHIP. OPERATES IN THE FREQ. RANGE 74 TO 106 MC UTILIZING FOUR CHANNELS WITH CHANNEL 3/27/45
 MAR. 45

CENTERS AT 78, 86, 94 R-162/SRR-1 AND 102 MC. EACH CHANNEL IS OF THE FIXED, PRE-TUNED TYPE AND EITHER OF THE FOUR CHANNELS MAY BE INSTANTLY SELECTED BY MEANS OF A SELECTOR SWITCH LOCATED ON THE FRONT PANEL. INCLUDES SELF CONTAINED POWER SUPPLY. INPUT: 115/16/60 CYCLES @ 350W. SIZE 19" X 9 3/8" X 13 5/16". WT. APPROX. 140 LBS.

R-169/APS-4 AN/APS-4.4A
 RADAR RECEIVER: CONFIDENTIAL
 CONTAINS MIXER, PRE-IF AMPLIFIER AND AFC CIRCUIT TO CONVERT "X" BAND SIGNALS TO 60 MC. IF. ALSO CONTAINS LOCAL OSCILLATOR FOR RADAR AND BEACON FREQUENCIES. SHUTTER RELAY TO PROTECT CRYSTAL WHEN SET IS NOT OPERATING. INPUT: 300V, -300V
 4/28/45 CW:
 MAY 45C 948AG

R-169/APS-4
 150V DC AND 6.3V AC. SIZE: 15" X 12" X 9". MOUNTS IN AND IS PART OF TRANSMITTER RECEIVER RT-5, SA/APS-4 AND RT-104/APS-4A.

COMPONENT INDICATOR "RD" RECORDERS

INCLUDES: TAPE RECORDERS
 FACSIMILE RECORDERS, ETC.

RD-1/ASQ-1 AN/ASQ-1
 RECORDER:
 A LIGHT WEIGHT, GRAPHIC RECORDING ANEMETER.

1/29/43 CEV:
 AUG. 43

RD-4/ASQ AN/ASQ SERIES
 RECORDER:
 SPECIAL ESTERLINE-ANGUS (AM) 1 WILLIAM-PERE D-C RANGE, SPRING DRIVEN GRAPHIC RECORDING METER WITH LIGHT FOR SCALE LUMINATION AND A TYPE AN-3180-18-4S PLUG ON REAR OF METER. FITS MOUNTING BASE NT-115/ASQ. FIRST PURCHASED ON NAVY
 9/3/43 CEV:
 SEPT 43

RD-4/ASQ
 CONTRACT N2888-12418

RD-14/GMQ-5 AN/GMQ-5
 RECORDER: CONFIDENTIAL
 PRINTS A CONTINUOUS RECORD OF AZIMUTH ANGLE TO AND DISTANCE OF TRANSMITTER RECEIVER RT-81/GMQ-5 FROM ANTENNA ARRAY AS-84/GMQ-5; ALSO SHOWS ONE TO THREE DISTINCTIVE SIGNALS INDICATING LEVELS OF PRESSURE, TRANSLATABLE TO ALTITUDE, OF
 10/17/44
 NOV. 44

RD-14/GMQ-5
 AIRBORNE RECEIVER-TRANSMITTER RT-81/AN.

COMPONENT INDICATOR "RE" RELAY ASSEMBLY

***RE-1/ARR-1 *AN/ARR-1**
 SWITCHING RELAY: RESTRICTED
 DPDT PLUS AUXILIARY CONTACTS FOR OPERATING COIL. ORIGINALLY SUPPLIED WITH A LATCHING TYPE RELAY. OPERATES FROM 12 OR 24 V DC. SAME AS NAVY TYPE -29173 EXCEPT SUBSTITUTES AN IMPROVED RELAY AND PROVIDES A SECOND BINDING POST FOR DIRECT
 12/22/42 CZR: CW:ESR-990127
 JULY 43 CZR: ISSUE 1

***RE-1/ARR-1**
 COUPLING TO A SHORT ANTENNA. THIS UNIT LATER SUPPLIED WITH A ROTARY TYPE RELAY HAVING A 115Ω COIL FOR OPERATION FROM 14 V DC & A 100Ω SERIES RESISTOR TO PERMIT 28 V DC OPERATION. FOR USE WITH RADIO RECEIVER *R-1/ARR-1 (-69076).

***RE-1A/ARR-1 *AN/ARR-1**
 SWITCHING RELAY: RESTRICTED
 DPDT INCLUDES A ROTARY TYPE RELAY HAVING A 65 OHM COIL FOR OPERATION FROM 13 V DC AND A 60 OHM SERIES RESISTOR TO PERMIT 26 V DC OPERATION. FOR USE WITH RADIO RECEIVER *R-1/ARR-1 (-69076). SAME AS TYPE -29173 EXCEPT FOR THE RELAY AND
 6/15/43 CW: CW:ESR-990127
 NOV. 43 CZR: ISSUE 3

***RE-1A/ARR-1**
 PROVIDES A SECOND BINDING POST FOR DIRECT COUPLING TO A SHORT ANTENNA.

RE-2/ARC-5 AN/ARC-5
 ANTENNA RELAY UNIT:
 INCLUDES 28 V DC RELAY TO SWITCH ANTENNA FROM TRANSMITTER TO RECEIVER AND VICE VERSA. "LOCAL-REMOTE" SWITCH, RF TUNING METER, AND A FIXED CAPACITOR FOR RESONATING INDUCTIVE ANTENNAS. FITS MOUNTING BASE NT-77/ARC-5. "AN" DESIGNATION FOR
 7/1/43 CBY:5017 CBY:5017-3-B
 JULY 43 CBT: 7972-4-A

RE-2/ARC-5
 NAVY TYPE -29125.

RE-4/APA-12 AN/APA-12
 RELAY: RESTRICTED
 CONSISTS OF A DPDT TWO COIL RELAY WHICH AUTOMATICALLY REVERSES THE CONNECTION TO THE AZIMUTH DRIVE MOTOR OF ANTENNA ASSEMBLY AS-5/APS-2 FOR SECTOR SCAN. INCLUDES A FOUR CONTACT RECEPTACLE. A SHORT 4 CONDUCTOR CABLE TERMINATING IN
 9/21/43 CPR:
 SEPT 43

RE-4/APA-12
 A PLUG AND A BOX FITTING FOR CABLE TO SECTOR SCAN SWITCH SA-11/APA-12. INPUT 26 V. DC.

RE-5/APA-13 AN/APA-13
 RELAY: RESTRICTED
 CONSISTS OF A OPDT TWO COIL RELAY WHICH AUTOMATICALLY REVERSES THE CONNECTION TO THE AZIMUTH DRIVE MOTOR FOR SECTOR SCAN. INCLUDES A 6 CONTACT RECEPTACLE, A SHORT 6 -CONDUCTOR CABLE TERMINATING IN A PLUG AND A BOX FITTING FOR CABLE TO SECTOR
 9/21/43 CPR:
 OCT. 43

RE-5/APA-13
 SCAN SWITCH SA-12/APA-13 OR CN-4/APA-14. INPUT 26V D.C.

RE-6/MPN-1A AN/MPN-1A
 RELAY PANEL:
 THIS UNIT CONSISTS OF SEVERAL RELAYS MOUNTED ON A PANEL. THESE RELAYS OPERATE TO SWITCH THE ERROR METER SUPPLIES, MICROPHONE RELAY SUPPLIES, AND AURAL SIGNAL UNIT OUTPUTS FOR RESPECTIVE A & B CHANNEL OPERATION. POWER INPUT: 117-VOLT:
 1/5/44 CRR:
 MAR. 44

RE-6/MPN-1A
 A-C FOR RELAY OPERATION. DIMENSIONS: 19" X 5 1/4" X 4".

RE-7/MPN-1A AN/MPN-1A
 RELAY PANEL:
 THIS UNIT CONSISTS OF SEVERAL RELAYS MOUNTED ON A PANEL. THESE RELAYS OPERATE TO SWITCH VIDEO, TRIGGERS AND RANGE MARKS IN THE SEARCH SYSTEM FOR A & B CHANNEL OPERATION. POWER INPUT: 117V. AC FOR RELAY OPERATION. DIMENSIONS: 19" X 1/5/44 CRR:
 MAR. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-119

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

4 1/2" X 4".

RE-7/MPN-1A

RE-14/APA-14A AN/APA-14A
 RELAY: RESTRICTED
 CONSISTS OF A DPDT TWO COIL RELAY WHICH AUTOMATICALLY REVERSES THE CONNECTION TO THE AZIMUTH DRIVE MOTOR FOR SECTOR SCAN. INCLUDES A 6 CONTACT RECEPTACLE, A SHORT 6-CONDUCTOR CABLE TERMINATING IN A PLUG AND A BOX FITTING FOR CABLE TO SECTOR
 6/14/44 CPR: CPR:5L0-1356
 JULY 44

RE-18/APA-12A AN/APA-12A
 RELAY UNIT: RESTRICTED
 CONSISTS OF A DPDT MECHANICAL LATCHING RELAY CONNECTED TO REVERSE DIRECTION OF ROTATION OF AZIMUTH DRIVE MOTOR ON ANTENNA ASSEMBLY AS-5/APS-2 FOR SECTOR SCAN AND A D.P.S.T. SPLIT COIL RELAY CONNECTED TO CUSHION EACH REVERSAL.
 8/4/44 CAPP: CAPP:1474-150
 SEPT. 44A

RE-9/ART-2 AN/ART-2
 RELAY:
 SPDT ANTENNA CHANGE-OVER RELAY MOUNTED IN A METAL BOX APPROX. 3" X 3" X 5". USED TO SWITCH THE PLANE'S ANTENNA FROM THE COMMUNICATION EQUIPMENT TO RADIO SET AN/ART-2. OPERATES FROM 26V DC.

1/14/44
 JAN. 44

RE-14/APA-14A
 SCAN SWITCH SA-12/APA-13 OR CH-4/APA-14. ALSO INCLUDES AN SPST RELAY FOR LIMITING THE REVERSAL CURRENT IN THE AZIMUTH DRIVE MOTOR TO GIVE CUSHIONED SECTOR SCAN. INPUT 26V DC.

RE-18/APA-12A
 INCLUDES TWO 65W. RESISTORS, A FOUR CONTACT RECEPTACLE, A FOUR CONDUCTOR CABLE TERMINATING IN A PLUG AND A 3 CONDUCTOR CONNECTOR FOR CABLE FROM SECTOR SCAN SWITCH SA-11A/APA-12. INPUT 26V DC. SIZE APPROX. 8 1/2" X 4 1/2" X 4". WT. 2 1/4 LBS. SIMILAR TO BUT NOT INTERCHANGEABLE WITH RE-4/APA-12.

RE-10/ARW AN/ARW-20
 SELECTOR UNIT: RESTRICTED
 ACCEPTS ANY ONE, TWO OR THREE OF TEN CONTROL FREQUENCIES & SELECTS THE FREQ. WHICH CLOSES THE APPROPRIATE RELAY. RELAYS ARE CAPABLE OF PASSING 1A @ 26V DC OR 2A @ 13V. DC. USED WITH AND OBTAINS POWER FROM RECEIVER R-81/ARW-20 OR
 4/5/44
 APR. 44

RE-15/ARC-18 AN/ARC-18
 RELAY UNIT: RESTRICTED
 USED WITH TWO RT-18/ARC-1 IN RECEIVING SIGNALS AND SIMULTANEOUSLY RETRANSMITTING THESE SIGNALS. INCLUDES ONE AN-3102-20-IP RECEPTACLE FOR CONNECTION TO CONTROL UNIT C-156/ARC-18. ONE AN-3102-20-16S RECEPTACLE FOR CONNECTION TO J-21/ARC-1
 7/14/44 D-152684 BO-43400
 FEB. 45

RE-19/APA-13B AN/APA-13B
 RELAY UNIT: RESTRICTED
 CONSISTS OF A DPDT MECHANICAL LATCHING RELAY TO REVERSE DIRECTION OF ROTATION OF AZIMUTH DRIVE MOTOR ON ANTENNA ASSEMBLY AS-17/APS OR AS-18/APS FOR SECTOR SCAN AND A DPST SPLIT COIL RELAY CONNECTED TO CUSHION EACH REVERSAL.
 8/4/44 CAPP: CAPP:1474-160
 SEPT. 44

RE-10/ARW
 R-82/ARW-20X OR R-83/ARW-22 OR
 R-84/ARW-22X.

RE-15/ARC-18
 AND TWO AN-3106-20-16P(ONE POS. 4) FOR 2 CABLES FOR CONNECTING TO THE RT-18/ARC-1. SIZE 10 1/2" X 7 1/8" X 6 5/16". WT. 5.5 LBS. USED WITH MOUNTING BASE
 MT-535/ARC-18.

RE-19/APA-13B
 INCLUDES TWO 65W. RESISTORS, A 6 CONTACT RECEPTACLE, A 6 CONDUCTOR CABLE TERMINATING IN A PLUG AND A 3 CONDUCTOR CONNECTOR FOR CABLE FROM SECTOR SCAN SWITCH SA-12A/APA-13 SIZE: 8 1/2" X 4 1/2" X 4". WT. 2 1/4 LBS. INPUT 26V DC. SIMILAR TO BUT NOT INTERCHANGEABLE WITH RE-5/APA-13.

RE-11/APX-2 AN/APX-2
 RELAY UNIT: CONFIDENTIAL
 RELAY AND VIDEO SWITCH BOX TO PERMIT AUTOMATIC DISCONNECTION OF ASB SWITCHING UNIT FROM THE ASB INDICATOR AND CONNECTION OF ANTENNA SWITCHING UNIT SA-4A/APA-1 TO THE ASB INDICATOR. USED TO MAKE POSSIBLE DIRECTIONAL DISPLAY ON ASB
 5/10/44 CAJ1:
 AUG. 44A

RE-16/ARC-5 AN/ARC-5
 ANTENNA RELAY UNIT: CONFIDENTIAL
 INCLUDES 28V DC RELAY USED TO SWITCH VHF ANTENNA FROM TRANSMITTER TO RECEIVER AND VICE VERSA. CONTAINS 3 NAVY TYPE 49194 RF TERMINALS FOR CONNECTING TO VHF ANTENNA, TRANSMITTER, AND RECEIVER; ANTENNA CURRENT INDICATOR MARKED 1-10.
 7/17/44 CBY:J1004
 JULY 44

RE-25/ASG-10 AN/ASG-10
 RELAY UNIT: CONFIDENTIAL
 RELAY ASSEMBLY BOX CONTAINING RELAYS, RESISTORS AND CONDENSERS. SIZE APPROX 4 7/8" X 6 1/4" X 4". WT. ABOUT 2.6 LBS. MOUNTS BACK OF THE COMPUTER UNIT CP-15 /ASG-10 SUPPLIES OUTPUT OF ALTIMETER, COMPUTER AND PILOTS CONTROL BOX
 9/29/44
 OCT. 44

RE-11/APX-2
 INDICATOR OF INTELLIGENCE FROM AN/APX-2 RESPONSOR. USED WITH BUT NOT PART OF AN/APX-2. FIRST PROCURED ON NX3-73825.

RE-16/ARC-5
 DIMENSIONS: 5 5/8" X 5" X 2 5/8". WEIGHT: 1.3 LBS. FITS MOUNTING BASE MT-77/ARC-5.

RE-25/ASG-10
 TO BOMB RELEASE CIRCUITS. PART OF AN/ASG-10.

RE-12/APX-2 AN/APX-2,2A
 RELAY: CONFIDENTIAL
 RELAY BOX TO PERMIT AUTOMATICALLY DISCONNECTING HORIZONTAL SWEEP VOLTAGE FROM RADIO SET AN/APS-4 INDICATOR AND CONNECTING IN ANTENNA SWITCHING UNIT SA-4A/APA-1 USED TO ENABLE A VISUAL DIRECTIONAL DISPLAY OF RADIO SET AN/APX-2 RESPONSOR
 5/16/44 CAJ1:
 AUG. 44A

RE-17/APG AN/APG-4 CONFIDENTIAL
 RELAY UNIT:
 CONSISTS OF HOUSING CONTAINING THREE RELAYS AND A DUAL POTENTIOMETER (SCREW DRIVER CONTROL). USED TO PROVIDE POLARIZED VOLTAGES FOR PROPER DIRECTION OF ROTATION OF SA-28/APG BY MEANS OF TWO RELAYS ACTUATED BY VOLTAGES FROM AIR-8/4/44 CRY:
 JAN. 45

RE-29/GHQ-5 AN/GHQ-5 CONFIDENTIAL
 RELAY UNIT
 COMPOSED OF RELAY TUBES, RECTIFIER AND RECTIFIER-RELAY TUBES AND AMPLIFIER. IS ACTUATED BY SIGNALS FROM RADIO RECEIVER R-141/GHQ-5 AND IN TURN KEYS RECORDER RD-141/GHQ-5 TO PROVIDE RECORDS OF FLIGHT. MOUNTS IN STANDARD CABINET TYPE
 12/4/44
 DEC. 44

RE-12/APX-2
 SIGNALS ON AN/APS-4 INDICATOR. FIRST PROCURED ON NX3-73824.

RE-17/APG
 CRAFT RADAR ALTIMETER EQUIPMENT AN/APN-1. DIMENSIONS: 3" X 4" X 2". PROCURED ON CONTRACT NX87-86356

RE-29/GHQ-5
 RELAY RACK IN CONSOLE CY-239/GHQ-5. POWER INPUT 40 V.A. FROM 115V/1 PHASE/60 CYCLES.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

RE-41/APS-31 AN/APS-31
 RELAY BOX: CONFIDENTIAL
 INCLUDES STARTING RELAY FOR INVERTER
 PU-92/U. ALSO INCLUDES TWO 2-AMP FUSES
 FOR INVERTER OUTPUT, A MANUAL RESET BUT-
 TON FOR DC INPUT TO INVERTER AND CIRCUIT
 BREAKER WHICH OPERATES WHEN DC DRAIN EX-
 CEEDS 30 AMPERES. HAS ONE AN-3102-20-4S
 4/4/45 CPR: CPR:5LO-1528
 APR. 45B 948A

RE-41/APS-31
 AND ONE AN-3102-20-17P RECEPTACLE. SIZE:
 APPROX. 5 3/4 X 4 3/4 X 3 3/4. WT.
 APPROX. 3 POUNDS.

RE-43/U CONFIDENTIAL
 ANTENNA RELAY: CS-70
 SINGLE POLE DOUBLE THROW, REMOTELY CON-
 TROLLED SWITCH FOR SWITCHING EITHER ONE
 OF TWO 50 OHM TRANSMISSION LINES TO A
 50 OHM TRANSMISSION LINE LEADING TO
 ASSOCIATED ANTENNA ASSEMBLY. DESIGNED TO
 OPERATE PRIMARILY IN LX BAND. REMOTELY
 4/17/45
 APR. 45A 918

RE-43/U
 CONTROLLED BY 115V/15/60 CYCLES.

COMPONENT INDICATOR "RF"
 RADIO FREQUENCY UNIT

RF-9/UPT AN/SPT-2 RE-9360
 MODULATOR ADAPTER: RESTRICTED
 ADAPTS EQUIPMENT OF TYPE RADAR SET
 AN/SPT-2 FOR SINE WAVE MODULATION.
 OPERATES AT FREQUENCY OF 115KC AND 400KC.
 SIZE APPROX. 3 1/2" X 4" X 6". USED WITH
 BUT NOT PART OF TYPE OF EQUIPMENT
 AN/SPT-2 & AN/APT-2 ETC.
 1/17/44 CTJ: CTJ:PCK-588-12
 APR. 44

RF-10/ARD-3 AN/ARD-3 RE-13A860A
 IMPEDANCE MATCHING RESTRICTED
 SWITCHING UNIT: A COMBINATION AN-
 TENNA SELECTOR SWITCH FOR SELECTING
 HORIZONTAL OR VERTICAL DIPOLES OF ANTENN
 ASSEMBLY AS-86/ARD-3 AND IMPEDANCE
 MATCHING DEVICE FOR MATCHING ANTENNA
 AS-86/ARD-3 TO 50 OHM LINE LEADING TO A
 2/7/44 CAKS: CAKS:12-586
 JUN. 44

RF-10/ARD-3
 RECEIVER. SIMILAR TO RF-22/APA-24 EXCEPT
 HAS DIFFERENT TYPE CONNECTOR.

RF-11/APA-24 RESTRICTED
 IMPEDANCE MATCHING RE 13A-862A
 SWITCHING UNIT: A COMBINATION ANTENNA
 SELECTOR SWITCH FOR SELECTING HORIZON-
 TAL OR VERTICAL DIPOLES OF ANTENNA ASS-
 EMBLY AS-84/APA-24 AND IMPEDANCE MATCH-
 ING ADAPTER FOR MATCHING ANTENNA ASS-
 EMBLY AS-84/APA-24 TO 50 OHM LINE
 2/10/44
 FEB. 44

RF-11/APA-24
 LEADING TO A RECEIVER.

RF-12/APA-24 AN/APA-24 RE 13A862A
 IMPEDANCE MATCHING- RESTRICTED
 SWITCHING UNIT: A COMBINATION AN-
 TENNA SELECTOR SWITCH FOR SELECTING
 HORIZONTAL OR VERTICAL DIPOLES OF AN-
 TENNA ASSEMBLY AS-88/APA-24 AND IMPEDANCE
 MATCHING ADAPTER FOR MATCHING ANTENNA
 ASSEMBLY AS-88/APA-24 TO 50 OHM LINE
 2/10/44
 FEB. 44

RF-12/APA-24
 LEADING TO A RECEIVER.

RF-22/APA-24 AN/APA-24 RESTRICTED
 IMPEDANCE MATCHING
 SWITCHING UNIT: A COMBINATION AN-
 TENNA SELECTOR SWITCH FOR SELECTING
 HORIZONTAL OR VERTICAL DIPOLES OF AN-
 TENNA ASSEMBLY AS-86/ARD-3 OR
 AS-101/APA-24 AND IMPEDANCE MATCHING DE-
 VICE FOR MATCHING ANTENNA ASSEMBLY
 4/29/44
 JUN 44

RF-22/APA-24
 AS-86/ARD-3 OR ANTENNA ASSEMBLY
 AS-101/APA-24 TO A 50 OHM LINE LEADING
 TO A RECEIVER.

RF-23/AP AN/APA-22
 POWER DIVIDER UNIT: CONFIDENTIAL
 UNIT TO CHANGE THE IMPEDANCE PRESENTED
 BY THE ANTENNA ASSEMBLY AS-5/APS-2 OR
 *AS-17/APS OR *AS-17A/APS AND ABSORBER
 UNIT CG-97/AP CONNECTIONS AS VIEWED FROM
 INPUT OF TRANSMITTER OF AN/APS-2 SERIES
 EQUIPMENT SUCH THAT PREDETERMINED VALUES
 3/24/44 CAKX: CAKX:12-586
 MAR. 44

RF-23/AP
 OF ATTENUATION WITH RESPECT TO TIME
 SHALL BE OBTAINED. ALSO PROVIDES POSIT-
 ION DATA TO CONTROL BOX C-121/AP. CON-
 SIST OF RF LINES WITH CAM AND FOLLOWER,
 2 MICROSWITCHES & MICROSWITCH CAM, AND
 RT TUBE AND AN PLUG AN-3102-14S-5P WT.
 APPROX. 7 LBS. DIMENSIONS 11 5/8" X
 15 1/2" X 7 15/16".

RF-25/APA-26 AN/APA-26 CONFIDENTIAL
 POWER DIVIDER UNIT:
 USED TO CHANGE IMPEDANCE PRESENTED BY
 AS-5/APS-2 OR *AS-17/APS OR AS-17A/APS
 AND ABSORBER UNIT CG-97/AP AS VIEWED
 FROM INPUT OF TRANSMITTER OF AN/APS-2
 SERIES EQUIPMENT SUCH THAT PREDETERMINED
 VALUES OF ATTENUATION WITH RESPECT TO
 6/27/44 CAKX: CAKX:24-757
 JUN. 44

RF-25/APA-26
 PROVIDES POSITIONING DATA TO C-121/AP.
 CONSIST OF R.F. LINES WITH CAM AND
 FOLLOWER, 2 MICROSWITCHES AND MICRO-
 SWITCH CAM, RT TUBE AND PLUG AN-3102-
 14S-5P. SIMILAR TO RF-23/AP EXCEPT
 LARGER IN SIZE AND INCLUDES FUNCTION OF
 ADAPTER UNIT CU-40/APA-2. DIMENSIONS
 APPROX. 13 1/2" X 16" X 8". WT. APPROX.
 8 1/2 LBS.

RF-26/APA-24 AN/APA-24 RESTRICTED
 IMPEDANCE MATCHING
 SWITCHING UNIT: A COMBINATION ANTENNA
 SELECTOR SWITCH FOR SELECTING HORIZONTAL
 OR VERTICAL DIPOLES OF ANTENNA ASSEMBLY
 AS-158/APA-24 AND IMPEDANCE MATCHING
 DEVICE FOR MATCHING ANTENNA AS-158/APA-24
 TO 50 OHM LINE LEADING TO A RECEIVER.
 6/28/44
 JUN. 44

RF-26/APA-24
 SIMILAR TO RF-10/ARD-3. RF-11/APA-24
 AND RF-22/APA-24 EXCEPT USED WITH DIF-
 FERENT ANTENNA ASSEMBLIES.

COMPONENT INDICATOR "RG"
 RF CABLES - BULK FORM

INCLUDES: RADIO FREQUENCY CABLES,
 TRANSMISSION LINES,
 WAVE GUIDES,
 ETC. IN BULK FORM.

NOTE: SEE COMPONENT INDICATOR "CG"

RG-1/APS-3 AN/APS-3
 RADIO FREQUENCY LINE
 CANCELLED AND REASSIGNED CG-1/APS-3.

7/19/43
 SEPT 43

RG-2/APS-3 AN/APS-3
 RADIO FREQUENCY LINE
 CANCELLED AND REASSIGNED CG-2/APS-3.

7/19/43
 SEPT 43

RG-3/APS-3 AN/APS-3
 RADIO FREQUENCY LINE
 CANCELLED AND REASSIGNED CG-3/APS-3.

7/19/43
 SEPT 43

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

RG-4/U GEN USE RE-9202
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 50-OHMS. INNER CONDUCTOR IS #20 AWG SOLID PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.136 IN. 7/30/43 SEPT 43

RG-4/U
 IN. OVER THE INSULATING CORE IS APPLIED A DOUBLE BRAID OF #36 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.246 IN.

RG-5/U GEN USE RE-9203
 RADIO FREQUENCY CABLE:
 LOW LOSS RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 50 OHMS. INNER CONDUCTOR IS #16 AWG SOLID PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.185 IN. OVER 7/30/43 SEPT 43

RG-5/U
 THE INSULATING CORE IS APPLIED A DOUBLE BRAID OF #34 AWG PLAIN COPPER WIRES. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.342 IN.

RG-6/U GEN USE RE-9204
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 74-OHMS. INNER CONDUCTOR IS #21 AWG SOLID COPPERWELD WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 7/30/43 SEPT 43

RG-6/U
 0.185 IN. OVER THE INSULATING CORE IS APPLIED A DOUBLE BRAID OF #34 AWG PLAIN COPPER WIRES. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.342 IN.

RG-7/W GEN USE RE-9205
 RADIO FREQUENCY CABLE:
 LOW CAPACITY RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 95 OHMS. INNER CONDUCTOR IS #19 SOLID PLAIN COPPER WIRE WRAPPED WITH A SPIRAL PLASTIC THREAD. OVER THIS IS EXTRUDED A TUBE OF GRADE A (POLYETHYLENE) 7/30/43 OCT. 43

RG-7/U
 DIELECTRIC MATERIAL TO A DIAMETER OF 0.250 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #33 AWG PLAIN COPPER WIRES. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.370 IN. AN DESIGNATION FOR 62064 OR ARMY TYPE NO. WC-547.

RG-8/U GEN USE RE 9206
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 52-OHMS. INNER CONDUCTOR IS 7 STRANDS OF #21 AWG PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 7/30/43 OCT. 43

RG-8/U
 0.285 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #33 AWG PLAIN COPPER WIRES. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.405 IN. AN DESIGNATION FOR CASSF-50-1 OR ARMY TYPE NO. WC-549.

RG-9/U GEN USE RE 9207
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 52-OHMS. INNER CONDUCTOR IS 7 STRANDS OF #21 AWG PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER 7/30/43 SEPT 43

RG-9/U
 OF 0.280 IN. OVER THE INSULATING CORE IS APPLIED A DOUBLE BRAID OF #34 AWG PLAIN COPPER WIRES. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.420 IN.

RG-9A/U SPEC JAN-C-17
 RADIO FREQUENCY CABLE:
 CABLE, RF (COAXIAL), FLEXIBLE, 51 OHMS CHARACTERISTIC IMPEDANCE, SINGLE AXIAL CONDUCTOR, 7 STRANDS #21 AWG SILVER COATED COPPER WIRE, POLYETHYLENE DIELECTRIC, DOUBLE BRAIDED, INNER SILVERED, OUTER TINNED #34 AWG O.D. .355" MAX. O.D. 5/31/45 MAT 45 930G

RG-9A/U
 CW. BRAID OUTER CONDUCTOR. OUTER COVERING, MAX DIA: .430" NON-CONTAMINATING SYNTHETIC RESIN. CAPACITY: 350 W @ 400 MCS, 500'; 1000'; 2000'/REEL AS SPECIFIED. LOW LOSS CABLE. SIMILAR TO & INTERCHANGEABLE WITH RADIO FREQUENCY CABLE RG-9/U EXCEPT HAS IMPROVED BRAID CONSTRUCTION & TUBED JACKET FOR GREATER ATTENUATION, STABILITY WITH HEAT AND FLEXING.

RG-10/U GEN USE RE 9208
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 52-OHMS. INNER CONDUCTOR IS 7 STRANDS OF #21 AWG PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 7/30/43 OCT. 43

RG-10/U
 0.285 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #33 AWG PLAIN COPPER WIRES. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.405 IN. OVER THE JACKET IS APPLIED AN ARMOR BRAID OF 0.0095 IN. STEEL WIRES TO A DIAMETER OF 0.465 IN. AN DESIGNATION FOR CASSF-50-1A.

RG-11/U GEN USE RE 9209
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 74 OHMS. INNER CONDUCTOR IS 7 STRANDS OF #26 AWG PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 7/30/43 SEPT 43

RG-11/U
 0.285 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #33 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.405 IN.

RG-12/U GEN USE RE 9210
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 74 OHMS. INNER CONDUCTOR IS 7 STRANDS OF #26 AWG PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 7/30/43 SEPT 43

RG-12/U
 0.285 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #33 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.405 IN. OVER THE JACKET IS APPLIED AN ARMOR BRAID OF 0.0095 IN. STEEL WIRES TO A DIAMETER OF 0.465 IN.

RG-13/U GEN USE RE 9211
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 74 OHMS. INNER CONDUCTOR IS 7 STRANDS OF #26 AWG PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 7/30/43 SEPT 43

RG-13/U
 0.280 IN. OVER THE INSULATING CORE IS APPLIED A DOUBLE BRAID OF #34 PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.420 IN.

RG-14/U GEN USE RE 9212
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQ COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS #10 AWG SOLID PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.370 IN. OVER 7/30/43 SEPT 43

RG-14/U
 THE INSULATING CORE IS APPLIED A DOUBLE BRAID OF #33 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.660 IN.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|--|--------------------|-------------------------------|---|--------------------|-------------------------------|
| RG-15/U | GEN USE | RE 9213 | RG-19/U | GEN USE | RE 9217 | RG-23/U | GEN USE | RE 9221 |
| <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 74 OHMS. INNER CONDUCTOR IS #15 AWG COPPERWELD WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.370 IN. OVER 7/30/43 SEPT 43</p> | | | <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS 0.25 IN DIAMETER SOLID PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.91 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #32 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 1.12 IN. AN DESIGNATION FOR CASSF-50-3</p> | | | <p>RADIO FREQUENCY CABLE: RADIO FREQUENCY CABLE COMPOSED OF TWO PARALLEL COAXIAL CABLES COVERED WITH AN OVERALL BRAID OF #32 AWG PLAIN COPPER AND A SYNTHETIC RESIN JACKET TO THE OVERALL DIMENSIONS OF 0.64" X .94 IN. EACH INDIVIDUAL CABLE IS COMPOSED OF A CONDUCTOR OF 7 STRANDS OF #21 AWG COPPER INSULATED WITH GRADE B (POLYISOBUTYLENE MIXTURE) DIELECTRIC MATERIAL AND A SINGLE BRAID OF #32 AWG COPPER. CHARACTERISTIC IMPEDANCE IS 125 OHMS.</p> | | |
| RG-16/U | GEN USE | RE 9214 | RG-20/U | GEN USE | RE 9218 | RG-24/U | GEN USE | RE 9222 |
| <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS #8 AWG SOLID PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.460 IN. OVER 7/30/43 SEPT 43</p> | | | <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS 0.25 IN DIAMETER SOLID PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.91 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #32 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 1.12 IN. OVER THE JACKET IS APPLIED AN ARMOR BRAID OF 0.0095 IN STEEL WIRES TO A DIAMETER OF 1.18 IN. AN DESIGNATION FOR CASSF-50-3A.</p> | | | <p>RADIO FREQUENCY CABLE: RADIO FREQUENCY CABLE COMPOSED OF TWO PARALLEL COAXIAL CABLES COVERED WITH AN OVERALL BRAID OF #32 AWG PLAIN COPPER & A SYNTHETIC RESIN JACKET TO THE OVERALL DIMENSIONS OF 0.64" X .94 IN. EACH INDIVIDUAL CABLE IS COMPOSED OF A CONDUCTOR OF 7 STRANDS OF #21 AWG COPPER. INSULATED WITH GRADE B (POLYISOBUTYLENE MIXTURE) DIELECTRIC MATERIAL AND A SINGLE BRAID OF #32 AWG COPPER. CHARACTERISTIC IMPEDANCE IS 125 OHMS. OVER THE JACKET IS APPLIED AN ARMOR BRAID OF 0.0095 IN STEEL WIRES TO A DIAMETER OF 0.70 X 1.00 IN.</p> | | |
| RG-17/U | GEN USE | RE 9215 | RG-21/U | GEN USE | RE 9219 | RG-25/U | GEN USE | |
| <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS 0.188 IN DIAMETER SOLID PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.68 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #32 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.870 IN. AN DESIGNATION FOR CASSF-50-2.</p> | | | <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC RADIO FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS #16 AWG RESISTANCE WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.185 IN. OVER 7/30/43 SEPT 43</p> | | | <p>RF HIGH VOLTAGE PULSE CABLE: RADIO FREQ HIGH VOLTAGE PULSE CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 50 OHMS. INNER CONDUCTOR IS COMPOSED OF 19 STRANDS OF 0.0117 IN TINNED COPPER WIRE. THE RUBBER DIELECTRIC IS APPLIED TO A DIAMETER OF 0.278 IN. TWO PLAIN 7/30/43 RADIATION LAB OCT. 43 TYPE A</p> | | |
| RG-18/U | GEN USE | RE 9216 | RG-22/U | GEN USE | JAN-C-17 | RG-25A/U | GEN. USE | |
| <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS 0.188 IN DIAMETER SOLID PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.68 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #32 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.870 IN. OVER THE JACKET IS APPLIED AN ARMOR BRAID OF 0.0095 IN STEEL WIRES TO A DIAMETER OF 0.93 IN. AN DESIGNATION FOR CASSF-50-2A.</p> | | | <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC RADIO FREQUENCY SHIELDED TWIN CONDUCTOR CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 95 OHMS. EACH INNER CONDUCTOR IS COMPOSED OF 7 STRANDS OF 0.0152 IN DIAMETER PLAIN COPPER WIRE INSULATED WITH GRADE B (POLYISOBUTYLENE MIXTURE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.285 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #33 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.405 IN.</p> | | | <p>RF HIGH VOLT. PULSE CABLE: HAVING A CHARACTERISTIC IMPEDANCE OF 48 OHMS. INNER CONDUCTOR IS COMPOSED OF 19 STRANDS OF 0.0117" TINNED COPPER WIRE. THE RUBBER DIELECTRIC IS APPLIED TO A DIAMETER OF 0.288". TWO COPPER BRAIDS (PLAIN OR TINNED) OF #34 WIRE SEPARATED BY A COTTON BRAID ARE THEN APPLIED FOLLOWED BY A NEOPRENE SHEATH WITH AN OVERALL DIAMETER OF 0.540. OVER THE INNER CONDUCTOR AND UNDER THE FIRST BRAID ARE 15 MIL THICK LAYERS OF CONDUCTING RUBBER TO PREVENT CORONA. MINIMUM CORONA STARTING VOLTAGE 8 K.V. AN DESIGNATION FOR 62101.</p> | | |
| RG-18/U | GEN USE | RE 9216 | RG-22/U | GEN USE | JAN-C-17 | RG-25A/U | GEN. USE | |
| <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC FREQUENCY COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS 0.188 IN DIAMETER SOLID PLAIN COPPER WIRE INSULATED WITH GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.68 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #32 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.870 IN. OVER THE JACKET IS APPLIED AN ARMOR BRAID OF 0.0095 IN STEEL WIRES TO A DIAMETER OF 0.93 IN. AN DESIGNATION FOR CASSF-50-2A.</p> | | | <p>RADIO FREQUENCY CABLE: LOW LOSS DIELECTRIC RADIO FREQUENCY SHIELDED TWIN CONDUCTOR CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 95 OHMS. EACH INNER CONDUCTOR IS COMPOSED OF 7 STRANDS OF 0.0152 IN DIAMETER PLAIN COPPER WIRE INSULATED WITH GRADE B (POLYISOBUTYLENE MIXTURE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.285 IN. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #33 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.405 IN.</p> | | | <p>RF HIGH VOLT. PULSE CABLE: HAVING A CHARACTERISTIC IMPEDANCE OF 48 OHMS. INNER CONDUCTOR IS COMPOSED OF 19 STRANDS OF 0.0117" TINNED COPPER WIRE. THE RUBBER DIELECTRIC IS APPLIED TO A DIAMETER OF 0.288". TWO COPPER BRAIDS (PLAIN OR TINNED) OF #34 WIRE SEPARATED BY A COTTON BRAID ARE THEN APPLIED FOLLOWED BY A NEOPRENE SHEATH WITH AN OVERALL DIAMETER OF 0.540. OVER THE INNER CONDUCTOR AND UNDER THE FIRST BRAID ARE THREE SYNTHIC RUBBER LAYERS AS FOLLOWS ; (1) CONDUCTING COMPOUND 0.090" DIA., (2) INSULATING COMPOUND 0.248" DIA., AND (3) RED NON-CONDUCTING COMPOUND 0.288" DIA. MIN CORONA STARTING VOLTAGE 8 K.V.</p> | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

RG-26/U GEN USE
R.F. HIGH VOLTAGE PULSE
CABLE: RADIO FREQ HIGH VOLTAGE PULSE
CABLE HAVING A CHARACTERISTIC IMPEDANCE
OF 50 OHM. INNER CONDUCTOR IS COMPOSED
OF 19 STRANDS OF 0.0117" TINNED COPPER
WIRE. THE RUBBER DIELECTRIC IS APPLIED
TO A DIAMETER OF 0.278". TWO PLAIN
7/30/43 RADIATION LAB
SEPT 43 TYPE AA

COPPER BRAIDS OF #34 WIRE **RG-26/U**
SEPARATED BY A COTTON BRAID ARE THEN AP-
PLIED FOLLOWED BY A NEOPRENE SHEATH WITH
AN OVERALL DIAMETER OF 0.540. OVER THE
SHEATH IS APPLIED A STEEL ARMOR COMPOSED
OF 0.0095 IN. WIRE TO A DIAMETER OF
0.610". OVER THE INNER CONDUCTOR & UNDER
THE FIRST BRAID ARE 15 MIL THICK LAYERS
OF CONDUCTING RUBBER TO PREVENT CORONA.
MIN CORONA STARTING VOLTAGE 8 K.V.

RG-26A/U GEN. USE
RF HIGH VOLT. PULSE CABLE:
HAVING A CHARACTERISTIC IMPEDANCE OF 48Ω.
INNER CONDUCTOR IS COMPOSED OF 19 STRANES
OF 0.0117" TINNED CU. WIRE. THE RUBBER
DIELECTRIC IS APPLIED TO A DIAMETER OF
0.288". A SINGLE TINNED COPPER BRAID OF
#34 WIRE IS THEN APPLIED FOLLOWED BY A
2/13/45
FEB. 45

NEOPRENE SHEATH TO AN **RG-26A/U**
O.D. OF 0.445". OVER THE SHEATH A STEEL
ARMOR COMPOSED OF 0.0095 WIRE IS APPLIED
TO A DIA. OF 0.505". OVER THE INNER CON-
DUCTOR AND UNDER THE FIRST BRAID ARE 3
SYNTHETIC RUBBER LAYERS AS FOLLOWS: (1)
CONDUCTING COMPOUND 0.090" DIA. (2) IN-
SULATING COMPOUND 0.248" DIA. (3) RED
NON-CONDUCTING COMPOUND 0.288" DIA. MIN.
CORONA STARTING VOLTAGE 8 KV.

RG-27/U GEN USE
R.F. HIGH VOLTAGE PULSE
CABLE: RADIO FREQ HIGH VOLTAGE PULSE
CABLE HAVING A CHARACTERISTIC IMPEDANCE
OF 50 OHMS. INNER CONDUCTOR IS COMPOSED
OF 19 STRANDS 0.0185 IN DIAMETER TINNED
COPPER WIRE. THE RUBBER DIELECTRIC IS
APPLIED TO A DIA OF 0.415 IN. OVER THE
7/30/43 RADIATION LAB
OCT. 43 TYPE B1

INSULATING CORE IS APPLIED **RG-27/U**
A SINGLE BRAID OF 0.0063" TINNED COPPER.
OVER THE BRAID A SYNTHETIC RESIN JACKET
IS APPLIED TO A DIAMETER OF 0.580 IN.
OVER THE JACKET IS APPLIED A STEEL ARMOR
COMPOSED OF 0.0095 IN. WIRE TO A DIA-
METER OF 0.650 IN. OVER THE INNER CON-
DUCTOR & UNDER THE BRAID IS A 20 MIL
THICK LAYER OF CONDUCTING RUBBER TO PRE-
VENT CORONA. AN DESIGNATION FOR 62102.

RG-28/U GEN USE
R.F. HIGH VOLTAGE PULSE
CABLE: RADIO FREQ HIGH VOLTAGE PULSE
CABLE HAVING A CHARACTERISTIC IMPEDANCE
OF 50 OHM. INNER CONDUCTOR IS COMPOSED
OF 19 STRANDS 0.0185" DIAMETER TINNED
COPPER WIRE. THE RUBBER DIELECTRIC IS
APPLIED TO A DIAMETER OF 0.415 IN. OVER
7/30/43
OCT. 43

THE CORE IS APPLIED A COPPER BRAID COM-
POSED OF #34 AWG WIRE, A COTTON BRAID,
AN ARMOR BRAID OF 0.0095" STEEL WIRES
AND A NEOPRENE SHEATH TO AN OVERALL DIA-
METER OF 0.810 IN. OVER THE INNER CON-
DUCTOR & UNDER THE BRAID IS A 20 MIL
THICK LAYER OF CONDUCTING RUBBER TO PRE-
VENT CORONA. MINIMUM CORONA STARTING
VOLTAGE 17 K.V. AN DESIGNATION FOR 62102

RG-29/U GEN USE RE 9223
RADIO FREQUENCY CABLE:
LOW LOSS DIELECTRIC RADIO FREQUENCY
COAXIAL CABLE HAVING A CHARACTERISTIC
IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS
#20 AWG SOLID PLAIN COPPER WIRE INSU-
LATED WITH GRADE B (POLYISOBUTYLENE
MIXTURE) DIELECTRIC MATERIAL TO A DIA OF
7/30/43
SEPT 43

RG-29/U
0.116 IN. OVER THE INSULATING CORE IS
APPLIED A SINGLE BRAID OF #36 AWG PLAIN
COPPER WIRE. OVER THE BRAID A WAXED
COTTON BRAID IS APPLIED TO A DIAMETER
OF 0.179 IN.

RG-30/U GEN USE RE 9224
RADIO FREQUENCY CABLE:
LOW LOSS DIELECTRIC RADIO FREQUENCY
COAXIAL CABLE HAVING A CHARACTERISTIC
IMPEDANCE OF 50 OHMS. INNER CONDUCTOR IS
COMPOSED OF 7 STRANDS #26 AWG PLAIN
COPPER WIRE INSULATED WITH GRADE B
(POLYISOBUTYLENE MIXTURE) DIELECTRIC
7/30/43
SEPT 43

RG-30/U
MATERIAL TO A DIA OF 0.146 IN. OVER THE
INSULATING CORE IS APPLIED A SINGLE
BRAID OF #36 AWG PLAIN COPPER WIRE. OVER
THE BRAID A SYNTHETIC RESIN JACKET IS
APPLIED TO A DIAMETER OF 0.250 IN.

RG-31/U GEN USE RE 9225
RADIO FREQUENCY CABLE:
LOW LOSS DIELECTRIC RADIO FREQUENCY
COAXIAL CABLE HAVING A CHARACTERISTIC
IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS
7 STRANDS OF #21 AWG PLAIN COPPER WIRE
INSULATED WITH GRADE B (POLYISOBUTYLENE
MIXTURE) DIELECTRIC MATERIAL TO A DIA OF
7/30/43
OCT. 43

RG-31/U
0.285 IN. OVER THE INSULATING CORE IS
APPLIED A SINGLE BRAID OF #33 AWG PLAIN
COPPER WIRE. OVER THE BRAID A SYNTHETIC
RESIN JACKET IS APPLIED TO A DIA OF
0.405 IN AN DESIGNATION FOR CASSF-50-1
OR ARMY TYPE NO. WC-549

RG-32/U GEN USE RE 9226
RADIO FREQUENCY CABLE:
LOW LOSS DIELECTRIC RADIO FREQUENCY
COAXIAL CABLE HAVING A CHARACTERISTIC
IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS
7 STRANDS OF #21 AWG PLAIN COPPER WIRE
INSULATED WITH GRADE B (POLYISOBUTYLENE
MIXTURE) DIELECTRIC MATERIAL TO A DIA OF
7/30/43
OCT. 43

RG-32/U
0.285 IN. OVER THE INSULATING CORE IS
APPLIED A SINGLE BRAID OF #33 AWG PLAIN
COPPER WIRE. OVER THE BRAID A SYNTHETIC
RESIN JACKET IS APPLIED TO A DIAMETER
OF 0.405 IN. OVER THE JACKET IS APPLIED
AN ARMOR BRAID OF 0.0095" STEEL WIRES
TO A DIAMETER OF 0.465 IN. AN DESIG-
NATION FOR CASSF-50-1A

RG-33/U GEN USE RE 9227
RADIO FREQ CABLE:
LOW LOSS DIELECTRIC RADIO FREQ COAXIAL
CABLE HAVING A CHARACTERISTIC IMPEDANCE
OF 51 OHMS. INNER CONDUCTOR IS #10 AWG
SOLID PLAIN COPPER WIRE INSULATED WITH
GRADE A (POLYETHYLENE) DIELECTRIC MAT-
ERIAL TO A DIAMETER OF 0.370 IN. OVER
7/30/43
SEPT 43

RG-33/U
THE INSULATING CORE IS APPLIED A LEAD
SHEATH TO A DIAMETER OF 0.470 IN.

RG-34/U GEN USE RE 9228
RADIO FREQ CABLE:
LOW LOSS DIELECTRIC RADIO FREQ COAXIAL
CABLE HAVING A CHARACTERISTIC IMPEDANCE
OF 70 OHMS. INNER CONDUCTOR IS COMPOSED
OF 7 STRANDS OF #21 AWG PLAIN COPPER
WIRE INSULATED WITH GRADE B (POLYISOBUT-
YLENE MIXTURE) TO A DIAMETER OF 0.460 IN.
7/30/43
SEPT 43

RG-34/U
OVER THE INSULATING CORE IS APPLIED A
SINGLE BRAID OF #32 AWG PLAIN
COPPER WIRE. OVER THE BRAID A SYNTHETIC
RESIN JACKET IS APPLIED TO A DIAMETER OF
0.625 IN.

RG-35/U GEN USE RE 9229
RADIO FREQUENCY CABLE:
LOW LOSS DIELECTRIC RADIO FREQUENCY
COAXIAL CABLE HAVING A CHARACTERISTIC
IMPEDANCE OF 70 OHMS. INNER CONDUCTOR
IS #9 AWG SOLID PLAIN COPPER WIRE INSU-
LATED WITH GRADE A (POLYETHYLENE) DI-
ELECTRIC MATERIAL TO A DIA OF 0.68 IN
7/30/43
SEPT 43

RG-35/U
OVER THE INSULATING CORE IS APPLIED A
SINGLE BRAID OF #32 AWG PLAIN COPPER
WIRE. OVER THR BRAID A SYNTHETIC RESIN
JACKET IS APPLIED TO A DIAMETER OF
0.870 IN. OVER THE JACKET IS APPLIED AN
ARMOR BRAID OF 0.0095 IN STEEL WIRES TO
A DIA OF 0.93 IN.

RG-36/U GEN USE RE 9230
RADIO FREQ CABLE:
LOW LOSS DIELECTRIC RADIO FREQUENCY.
COAXIAL CABLE HAVING A CHARACTERISTIC
IMPEDANCE OF 69 OHMS. INNER CONDUCTOR IS
0.162" DIAMETER SOLID PLAIN COPPER
WIRE INSULATED WITH GRADE A (POLYETHY-
LENE) DIELECTRIC MATERIAL TO A DIA OF
7/30/43
SEPT 43

RG-36/U
0.91 IN. OVER THE INSULATING CORE IS AP-
PLIED A SINGLE BRAID OF #32 AWG PLAIN
COPPER WIRE. OVER THE BRAID A SYNTHETIC
RESIN JACKET IS APPLIED TO A DIAMETER OF
1.12 IN. OVER THE JACKET IS APPLIED AN
ARMOR BRAID OF 0.0095" STEEL WIRES TO
A DIA OF 1.18 IN.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-125

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

RG-54/U GEN USE
 RADIO FREQUENCY CABLE:
 SIMILAR TO RADIO FREQUENCY CABLE RG-30/U EXCEPT THE DIELECTRIC MATERIAL IS CHANGED FROM CLASS B (POLYISOBUTYLENE MIXTURE, OR COPOLYMER) TO CLASS A (STABILIZED POLYETHYLENE). THE OVERALL PERFORMANCE OF THE CABLE IS IMPROVED. THE
 11/5/43
 NOV. 43

RG-54/U
 NEW CABLE HAVING BETTER STABILITY UNDER VARYING TEMPERATURES, LESS ATTENUATION, A HIGHER PROPAGATION FACTOR, AND LESS TENDENCY TO COIL FLOW.
 PART OF: TEST SET TS-10A/AFM

RG-54A/U GEN USE JAN-C-17
 RADIO FREQUENCY CABLE: E-34
 INNER CONDUCTOR COMPOSED OF 7 STRANDS 0.0152 PLAIN COPPER WIRE INSULATED WITH TYPE A POLYETHYLENE TO 0.178 INCH OVER THE CABLE CORE. OVER THIS IS APPLIED A SINGLE BRAID OF #34 AWG TINNED COPPER WIRE. OVER THE BRAID IS APPLIED A TYPE
 7/25/44
 AUG. 44

RG-54A/U
 111 POLYETHYLENE JACKET TO A DIAMETER OF 0.253 IN. SIMILAR TO AND CHARACTERISTICS SAME AS RG-54/U EXCEPT DIELECTRIC IS CHANGED & CONDUCTORS TINNED TO PREVENT INCREASED ATTENUATION WITH AGE. WILL SUPERSEDE RG-54/U. PART OF TEST SET TS-10A/AFM AND TS-10B/AFM.

RG-55/U GEN USE
 RADIO FREQUENCY CABLE:
 SMALL SIZE R.F. COAXIAL CABLE CONSISTING OF A #20 A.W.G. CENTER CONDUCTOR OVER WHICH IS EXTRUDED TYPE A DIELECTRIC TO A DIA. OF 0.116 IN. OVER THE DIELECTRIC ARE TWO COPPER BRAIDS TO A DIA. OF 0.176 IN. THE PROTECTIVE COVERING CONSISTS OF
 11/5/43 KS 9138
 NOV. 43

RG-55/U
 A WAXED COTTON BRAID TO A DIA. OF 0.201 IN. CHARACTERISTIC IMPEDANCE 50 OHMS.

RG-56/U GEN USE
 RADIO FREQUENCY CABLE:
 PULSE CABLE 19 STRANDS OF 0.0117 IN. WIRE COVERED WITH CONDUCTING SYNTHETIC RUBBER TO A DIA. OF 0.090 IN. OVER THIS IS A LAYER OF SYNTHETIC RUBBER TO DIA. OF 0.278 IN. OVER THIS IS A LAYER OF CONDUCTING SYNTHETIC RUBBER TO 0.308 IN.
 11/5/43 KS 9551
 NOV. 43

RG-56/U
 OVER THIS IS COPPER BRAID, COTTON BRAID AND ANOTHER COPPER BRAID TO A DIA. OF 0.388 IN. THE COPPER BRAIDS HAVE AN EXTRA LONG LAY FOR SPECIAL TWIST CHARACTERISTICS. OVER THE BRAID IS EXTENDED A PLASTIC JACKET TO 0.535 IN.

RG-57/U GEN USE RE 9244 A
 RADIO FREQUENCY CABLE:
 TWIN CONDUCTOR R.F. CABLE. CONSISTS OF TWO 7/21 A.W.G. STRANDED CONDUCTORS INSULATED WITH TYPE A DIELECTRIC, DIA. OF DIELECTRIC 0.472 SHIELDING BRAID AND VINYL JACKET, OVERALL DIAMETER 0.617 APPROXIMATE IMPEDANCE 95 OHMS.
 11/5/43
 NOV. 43

RG-58/U GENERAL USE RE-9242
 RADIO FREQUENCY CABLE:
 CENTER CONDUCTOR, NO. 20 A.W.G. PLAIN COPPER. OVER THIS IS EXTRUDED A LAYER OF TYPE A DIELECTRIC TO A DIAMETER OF 0.116 IN. OVER THE DIELECTRIC IS A SINGLE PLAIN COPPER BRAID TO A DIAMETER OF 0.154 IN. OVER THE BRAID IS EXTRUDED A
 11/15/43
 NOV. 43

RG-58/U
 VINYL JACKET TO A DIAMETER OF 0.195 IN. THE NOMINAL IMPEDANCE OF THIS CABLE IS 51 OHMS.

RG-59/U GENERAL USE RE-9243
 RADIO FREQUENCY CABLE:
 CENTER CONDUCTOR NO. 22 A.W.G. COPPER-WELD AND HAVING A LAYER OF TYPE A DIELECTRIC MATERIAL TO A DIAMETER OF 0.146 IN. OVER THE DIELECTRIC IS A SINGLE PLAIN COPPER BRAID TO A DIAMETER OF 0.191 IN. OVER THE BRAID IS A VINYL
 11/15/43
 NOV. 43

RG-59/U
 JACKET EXTRUDED TO A DIAMETER OF 0.242 IN. THE NOMINAL IMPEDANCE OF THE CABLE IS 70 OHMS.

RG-60/U GENERAL USE
 RADIO FREQUENCY CABLE: RE-9246
 RADIO FREQUENCY CABLE HAVING A CHARACTERISTIC IMPEDANCE OF 50 OHMS. INNER CONDUCTOR IS COMPOSED OF STRANDED, BUNCHED COPPER WIRE INSULATED WITH SYNTHETIC RUBBER TO A DIAMETER OF 0.250 IN. OVER THE INSULATING CORE IS APPLIED
 12/14/43
 DEC. 43

RG-60/U
 A SINGLE BRAID OF #34 AWG PLAIN COPPER WIRE. OVER THE BRAID A NEOPRENE JACKET IS APPLIED TO A DIAMETER OF 0.425 IN.

RG-62/U RE-9248A
 RADIO FREQUENCY CABLE
 SPECIAL LOW CAPACITANCE SEMI-SOLID COAXIAL CABLE, HAVING A CHARACTERISTIC IMPEDANCE OF APPROXIMATELY 90 OHMS. THE CENTER CONDUCTOR CONSISTS OF A SINGLE STRAND OF #22 A.W.G. COPPERWELD OVER WHICH IS WRAPPED A SPIRAL POLYETHYLENE
 3/22/44 CFT:
 MAR. 44 EX-442

RG-62/U
 THREAD APPROXIMATELY 0.035 IN DIAMETER. OVER THE THREAD IS EXTRUDED A POLYETHYLENE TUBE HAVING DIAMETER OF 0.146 IN. OVER THIS TUBE A COPPER BRAID IS FORMED AND OVER THIS A VINYLITE JACKET TO A DIAMETER OF 0.242 IN.

RG-64/U GENERAL USE JAN C17
 RADIO FREQUENCY CABLE: PARA. E39
 RADIO FREQUENCY CABLE FOR GENERAL HIGH VOLTAGE PULSE USE. IT CONSISTS OF AN INNER CONDUCTOR OF 19 STRANDS OF 0.0117 INCH TINNED COPPER. OVER THIS IS A COMPOSITE LAYER OF CONDUCTING RUBBER, A SYNTHETIC RUBBER DIELECTRIC AND ANOTHER
 4/11/44 CW:KS-9311 CW:
 AUG. 44

RG-64/U
 LAYER OF CONDUCTING RUBBER TO A DIAMETER OF 0.308 INCH. OVER THIS CORE IS A DOUBLE BRAID OF TINNED COPPER WHICH IS COVERED WITH A SYNTHETIC RUBBER JACKET TO A DIAMETER OF 0.500 INCH CHARACTERISTIC IMPEDANCE OF THIS CABLE IS 50 OHMS.

RG-64A/U
 CABLE: R.F. H.V. PULSE
 CABLE, HAVING A CHARACTERISTIC IMPEDANCE OF 48Ω. INNER CONDUCTOR; 19 STRANDS OF 0.0117" CU. WIRE. RUBBER INSULATION APPLIED TO DIA. OF 0.288". TWO TINNED CU. BRAIDS OF #34 AWG. TO A DIA. OF 0.368", FOLLOWED BY A SYNTHETIC RUBBER JACKET
 5/1/45
 MAY 45 930G

RG-64A/U
 TO DIA. 0.475". BETWEEN 1 RG-64A/U BRAID & CENTER CONDUCTOR ARE 3 SYNTHETIC RUBBER LAYERS: (1) CONDUCTING COMPOUND 0.090" DIA. (2) INSULATING COMPOUND DIA. 0.248" & (3) RES NON-CONDUCTING COMPOUND 0.288 DIA. MIN. CORONA STARTING VOLTAGE 10,000 KV RMS. SIMILAR TO RG-64/U EXCEPT 20 MILS SMALLER DIA. & HAS INSULATING 3RD. LAYER IN CORE. MAY BE USED WITH FIELD ASSY TYPE CONNECTORS.

RG-65/U GEN. USE RE9608
 RADIO FREQUENCY CABLE:
 SPECIAL HIGH IMPEDANCE SOLID COAXIAL CABLE HAVING A CHARACTERISTIC IMPEDANCE OF APPROX. 950 OHMS. THE CENTER CONDUCTOR CONSISTS OF #32 FORMEX WIRE CLOSE WOUND IN A HELIX OVER A 0.110 INCH DIAMETER POLYETHYLENE CORE. INSULATED WITH
 5/25/44
 MAY 44

RG-65/U
 GRADE A (POLYETHYLENE) DIELECTRIC MATERIAL TO A DIAMETER OF 0.285 INCH. OVER THE INSULATING CORE IS APPLIED A SINGLE BRAID OF #33 AWG PLAIN COPPER WIRE. OVER THE BRAID A SYNTHETIC RESIN JACKET IS APPLIED TO A DIAMETER OF 0.405.

RG-66/U GEN USE
 RADIO FREQ. LINE: CONFIDENTIAL
 RECTANGULAR, SEAMLESS WAVE GUIDE TUBING. OUTSIDE DIMENSIONS 1/2" X 1/4". NOMINAL INSIDE DIMENSION .420" X .170". MATERIAL IS COMMERCIAL COIN SILVER.
 7/12/44
 JULY 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

RG-67/U GEN USE
 RADIO FREQ. LINE: RESTRICTED
 RECTANGULAR SEAMLESS WAVE GUIDE TUBING.
 OUTSIDE DIMENSIONS 1" X 1/2". NOMINAL
 INSIDE DIMENSIONS .900" X .400"
 MATERIAL IS 2S ALUMINUM ALLOY.

7/12/44
 JULY 44

RG-68/U GEN USE
 RADIO FREQ. LINE: RESTRICTED
 RECTANGULAR, SEAMLESS, WAVE GUIDE TUBING.
 OUTSIDE DIMENSIONS 1 1/4" X 5/8".
 NOMINAL INSIDE DIMENSIONS 1.122" X .497".
 MATERIAL IS 2S ALUMINUM ALLOY.

7/12/44
 JULY 44

RG-69/U GEN USE
 RADIO FREQUENCY LINE: RESTRICTED
 RECTANGULAR, SEAMLESS, WAVE GUIDE TUBING.
 OUTSIDE DIMENSIONS 6.660" X 3.410".
 NOMINAL INSIDE DIMENSIONS, 6.500" X
 3.250". MATERIAL IS 65/15 OR 90/10
 BRASS.

7/12/44
 JULY 44

RG-71/U GEN USE JAN-C-17
 RADIO FREQUENCY CABLE: PAR. E-43
 SPECIAL LOW CAPACITANCE SEMI-SOLID CO-
 AXIAL CABLE, HAVING A CHARACTERISTIC
 IMPEDANCE OF APPROXIMATELY 90 OHMS. THE
 CENTER CONDUCTOR CONSISTS OF A SINGLE
 STRAND OF #22 A.W.G. COPPERWELD OVER
 WHICH IS WRAPPED A SPIRAL POLYETHYLENE
 8/12/44
 AUG. 44

RG-71/U
 THREAD APPROXIMATELY 0.035 IN. DIAMETER.
 OVER THE THREAD IS EXTRUDED A POLYETHY-
 LENE TUBE HAVING DIAMETER OF 0.146 IN.
 OVER THIS TUBE TWO COPPER BRAIDS ARE
 FORMED AND OVER THESE A POLYETHYLENE
 JACKET TO A MAXIMUM DIAMETER OF 0.250
 IN.

RG-72/U GEN USE JAN-C-17
 RADIO FREQUENCY CABLE: PAR. E-44
 SPECIAL LOW CAPACITANCE SEMI-SOLID CO-
 AXIAL CABLE HAVING A CHARACTERISTIC
 IMPEDANCE OF APPROXIMATELY 150 OHMS. THE
 OUTER CONDUCTOR CONSISTS OF A SINGLE
 STRAND OF #22 A.W.G. COPPERWELD OVER
 WHICH IS WRAPPED A SPIRAL POLYETHYLENE
 8/12/44
 AUG. 44

RG-72/U
 THREAD APPROXIMATELY 0.070 IN. DIAMETER.
 OVER THE THREAD IS EXTRUDED A POLYETHY-
 LENE TUBE WITH INWARDLY RADIATING FINS
 WHICH CENTER THE INNER CONDUCTOR AND
 POLYETHYLENE THREAD HAVING A DIAMETER OF
 0.460 IN. OVER THIS TUBE A COPPER BRAID
 IS FORMED AND OVER THIS A VINYLITE
 JACKET TO A DIAMETER OF 0.630 IN.

RG-74/U
 RADIO FREQUENCY CABLE:
 LOW LOSS DIELECTRIC RADIO FREQUENCY CO-
 AXIAL CABLE HAVING A CHARACTERISTIC
 IMPEDANCE OF 51 OHMS. INNER CONDUCTOR IS
 #10 AWG. SOLID PLAIN COPPER WIRE INSULAT-
 ED WITH GRADE A (POLYETHYLENE) DIELECTRIC
 MATERIAL TO A DIAMETER OF 0.370 IN. OVER
 10/9/44
 OCT. 44

RG-74/U
 THE BRAID A SYNTHETIC RESIN (NONCON-
 TAINING) JACKET IS APPLIED TO A
 DIAMETER OF 0.545 IN. OVER THE JACKET
 IS APPLIED AN ARMOR BRAID OF 0.0095"
 STEEL WIRES TO A DIAMETER OF 0.615 INCH.

RG-75/U GEN USE
 TRANSMISSION LINE: RESTRICTED
 RECTANGULAR SEAMLESS WAVE GUIDE TUBING.
 OUTSIDE DIMENSIONS 3" X 1 1/2". SIMILAR
 TO RG-48/U EXCEPT MADE OF ALUMINUM.

10/9/44
 OCT. 44

RG-76/U GEN USE
 TRANSMISSION LINE
 TRANSMISSION LINE, STUB TYPE, 50 OHM
 5/8". O.D. WITH 0.032" WALL. INNER CON-
 DUCTOR 0.250" WITH 0.032" WALL. MATERIAL-
 BRASS. SILVER PLATED.

10/9/44 CS: C
 OCT. 44A

RG-77/U GEN USE JAN-C-17
 CABLE:
 RADIO FREQUENCY H.V. PULSE CABLE. COM-
 SISTS OF AN INNER CONDUCTOR OF 19
 STRANDS OF 0.0117" TINNED COPPER WIRE;
 NOMINAL DIA. 0.059". OVER THIS IS A CORE
 CONSISTING OF A 0.015" LAYER OF CONDUCTING
 RUBBER. A SECOND LAYER OF INSULATING
 11/1/44
 NOV. 44

RG-77/U
 SYNTHETIC RUBBER
 AND A THIRD 0.015" THICK LAYER OF NON-
 CONDUCTING NEOPRENE TO AN OVERALL DIA.
 OF 0.298". OVER THIS CORE IS A DOUBLE
 BRAID OF TINNED COPPER WIRE TO A DIA. OF
 0.378". OVER THIS BRAID IS A SYNTHETIC
 RUBBER JACKET TO A DIA. OF 0.485".
 CHARACTERISTIC IMPEDANCE 50 OHMS.
 SIMILAR TO RG-64/U EXCEPT HAS A NON-
 CONDUCTING NEOPRENE THIRD LAYER.

RG-78/U GEN USE JAN-C-17
 CABLE: RADIO FREQUENCY
 H.V. PULSE CABLE. CONSISTS OF AN INNER
 CONDUCTOR OF 19 STRANDS OF 0.0117" TIN-
 NED CU WIRE; NOMINAL DIA. 0.059". OVER
 THIS IS CONSTRUCTED A CORE CONSISTING OF
 A 0.015" LAYER OF CONDUCTING RUBBER A
 2ND LAYER OF SYN. RUBBER & A 3RD 0.015"
 11/1/44
 NOV. 44A

RG-78/U
 LAYER OF NON-CONDUCT-
 ING NEOPRENE TO AN OVERALL DIA. OF
 0.298". OVER THIS CORE IS A SINGLE BRAID
 OF TINNED COPPER TO A DIA. OF 0.348".
 OVER THE BRAID IS A SYN. RUBBER JACKET
 TO A DIA. OF 0.455". OVER THIS IS STEEL
 ARMOR BRAID TO A DIA. OF 0.495". CHAR-
 ACTERISTIC IMPEDANCE OF THIS CABLE 50Ω.
 SIMILAR TO RG-26/U EXCEPT HAS NON-CON-
 DUCTING NEOPRENE THIRD LAYER.

RG-79/U RE 9249A
 CABLE:
 SPECIAL LOW CAPACITANCE SEMI-SOLID CO-
 AXIAL CABLE HAVING A CHARACTERISTIC
 IMPEDANCE OF APPROXIMATELY 125 OHMS. THE
 CENTER CONDUCTOR CONSISTS OF A SINGLE
 STRAND OF #22 A.W.G. COPPERWELD, OVER
 WHICH IS WRAPPED A SPIRAL POLYETHYLENE
 11/15/44
 NOV. 44

RG-79/U
 THREAD OF APPROXIMATELY 0.035 IN. IN
 DIAMETER. OVER THE THREAD IS EXTRUDED A
 POLYETHYLENE TUBE HAVING A DIAMETER OF
 0.285 IN. OVER THIS TUBE A COPPER BRAID
 IS FORMED AND OVER THIS A VINYLITE JACKET
 IS EXTRUDED TO A DIAMETER OF 0.405 IN.
 OVER JACKET IS APPLIED A STEEL ARMOR
 BRAID OF .0095 IN. WIRE TO A DIAMETER OF
 0.475 IN.

RG-80/U GEN. USE
 TRANSMISSION LINE:
 RIGID BEADED TYPE LINE WITH THE FOL-
 LOWING DIMENSIONS: OUTER CONDUCTOR
 0.9375" O.D. NOMINAL, 0.875" I.D.
 NOMINAL. INNER CONDUCTOR 0.375" O.D.
 NOMINAL. CHARACTERISTIC IMPEDANCE 51
 OHMS NOMINAL.
 3/20/45
 MAR. 45A 930G

RG-81/U
 CABLE:
 CABLE "PYROTENAX", COAXIAL, SEMI-
 FLEXIBLE, CHARACTERISTIC IMPEDANCE 52Ω.
 CENTER CONDUCTOR, .062" SOLID COPPER
 MAGNESIUM OXIDE DIELECTRIC, SOLID COPPER
 SHIELD OUTER CONDUCTOR .321" ID., .375"
 OD.
 5/22/45
 MAY 45 930G

RG-82/U
 CABLE:
 CABLE "PYROTENAX", COAXIAL, SEMI-FLEXIBLE
 CHARACTERISTIC IMPEDANCE 52Ω. CENTER
 CONDUCTOR .125" SOLID COPPER, MAGNESIUM
 OXIDE DIELECTRIC. OUTER CONDUCTOR SOLID
 COPPER SHIELD .65" ID., .750" O.D.
 5/22/45
 MAY 45 930G

RL-110/A GEN. USE
 COMPONENT INDICATORS "RL"
 REEL ASSEMBLY
 ANTENNA, FIELD

RL-110/A GEN. USE
 ANTENNA REEL:
 MOTOR DRIVEN ANTENNA REEL FOR USE ON YPB
 AIRPLANES. TO BE USED WITH 500 FT OF
 ANTENNA WIRE. REEL DRIVEN BY 24 VOLT DC
 MOTOR THROUGH A SYSTEM OF GEARS AND
 CLUTCHES UNDER MANUAL CONTROL BY THE
 RADIO OPERATOR AND AUTOMATIC CONTROL BY
 5/16/44
 MAY 44

RL-110/A
 MEANS OF LIMIT SWITCHES. ASSEMBLY IN-
 CLUDES A CONTROL BOX AND REVOLUTION
 COUNTER FOR THE REEL AND A SPECIAL FAIR-
 LEAD HEAD WHICH REPLACES STANDARD HEAD
 NORMALLY SUPPLIED.

RL-121/A AIRCRAFT
 ANTENNA REEL:
 MOTOR DRIVEN ANTENNA REEL WHICH IS A MOD-
 IFIED VERSION OF THE RL-42A OR THE
 RL-42B ANTENNA REELS. THE RL-42A IS
 CHANGED BY REPLACING THE 1/13 HP DRIVE
 MOTOR WITH A 1/8 HP MOTOR AND USING AN
 8" DRUM. THE RL-42B IS MODIFIED AS
 8/17/44
 AUG. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|------------------------|--------------------|---|-----------------------------------|--------------------|---|
| | | FOLLOWS: THE OILLESS SLEEVE BEARINGS IN THE MAIN GEAR BOX ARE REPLACED BY BALL BEARINGS AND USES AN 8" DRUM. THE ABOVE CHANGE WILL PERMIT THE MODIFIED REELS TO ACCOMMODATE 500 FT. OF ANTENNA WIRE INSTEAD OF 130 FT. AS FORMERLY USED. THE RL-111/A CONSISTS OF ONE MODIFIED RL-42A OR RL-42B REEL, ONE BC-461 REEL CONTROL BOX, TWO PL-112 PLUGS & 10 FT. OF MC-215 TUNING SHAFT. | | | RT-2/ARN-1 TERMINAL FOR ATTACHMENT TO 50 OHM CONCENTRIC CABLE. UNIT INCLUDES A WESTINGHOUSE DYNAMOTOR WHICH OPERATES FROM 14 (12 TO 14.3) VOLTS DC AT 5 AMPS APPROXIMATELY. SAME AS *RT-2A/ARN-1 EXCEPT DYNAMOTOR BRUSHES ARE NOT INTERCHANGEABLE. | | | RT-4A/APS-2 AN:APS-2 TRANSMITTER-CONVERTER: CONFIDENTIAL CONSISTS OF A DUPLEXER, A LOCAL OSCILLATOR, A CONVERTER, IF PREAMPLIFIER, A MAGNETRON AND A MD-4A/APS-2 MODULATOR. SUPPLY: 24 V DC AND 115/1/400 TO 2400. SAME AS RT-4/APS-2 EXCEPT FOR MODULATOR. 5/15/43 CPR: JUNE 43 |
| RL-116/UMQ-3 AM/UMQ-3 | | CABLE REEL: CONSISTS OF A HAND OPERATED DRUM MOUNTED ON A SUPPORTING FRAME WORK; FABRICATED FROM LIGHT WT. METAL. INCORPORATES A FEEDING MECHANISM TO FORM THE CABLE IN EVEN LAYERS AND A ROTATION COUNTER TO DETERMINE THE NO. OF TURNS PAID OUT. 11/6/44 NOV. 44 | *RT-2A/ARN-1 *AN/ARN-1 | | RADIO TRANSMITTER-RECEIVER: RESTRICTED TRANSMITTER CARRIER FREQ 440 MC. CARRIER SWING ±20 MC. SWEEP FREQ 120 CPS. POWER OUTPUT LESS THAN ONE WATT. OUTPUT TERMINALS PROVIDE FOR ATTACHMENT TO A 50 OHM CONCENTRIC CABLE. RECEIVER FOR RECEPTION OF TRANS SIGNALS INCLUDES INPUT TERMINALS*FOR ATTACHMENT TO 50 OHM CONCENTRIC CABLE. INCLUDES A BLACK AND DECKER DYNAMOTOR WHICH OPERATES FROM 14(12 TO 14.3) VOLTS DC AT 5 AMPS. SAME AS *RT-2/ARN-1 EXCEPT DYNAMOTOR BRUSHES ARE NOT INTERCHANGEABLE. MAY 43 | RT-5/APS-4 AN/APS-4 | | RECEIVER-TRANSMITTER CONFIDENTIAL A WING UNIT RECEIVER-TRANSMITTER. THIS UNIT CONTAINS SCANNER, TRANSMITTER TUBE WITH ASSOCIATED MODULATED POWER SUPPLY, RF DUPLEXING COMPONENTS, RECEIVER, INDICATOR GENERATING CIRCUITS. LOW VOLTAGE POWER SUPPLIES, ALARM CIRCUITS. BEACON & 4/5/43 CW:D-151335 CW:ESXX-697974 JAN. 45 ESXX-697975 |
| | | CABLE CIRCUITS ARE ELECTRICALLY CONNECTED WITH GROUND EQUIPMENT (EVALUATOR UNIT RL-370/UMQ-3 BY SLIP RINGS ON REEL. | *RT-2A/ARN-1 | | NALS*FOR ATTACHMENT TO 50 OHM CONCENTRIC CABLE. INCLUDES A BLACK AND DECKER DYNAMOTOR WHICH OPERATES FROM 14(12 TO 14.3) VOLTS DC AT 5 AMPS. SAME AS *RT-2/ARN-1 EXCEPT DYNAMOTOR BRUSHES ARE NOT INTERCHANGEABLE. MAY 43 | RT-5/APS-4 | | "IFF" PROVISION. INPUT 115 V ±5% 1φ 800 TO 2400 CY 650 WATTS & 26.5 V ±3 V DC 75 WATTS. OUTPUT 35 KW RF RADIATED POWER & MISCELLANEOUS POWER FOR ASSOCIATED UNITS. SHAPE OF DEPTH BOMB MARK 17. APPROX OVERALL DIMENSIONS 17-1/8" DIA (NOT INCLUDING MOUNTING BRACKET) X 61" LONG. PROVIDES RADAR SEARCH WITH MODIFIED INTERCEPT SCAN. WT. 140.15 LBS. |
| | | ROPE & TWINE "RP" NON-ELECTRICAL CORD, ETC. | *RT-3/ARN-1 *AN/ARN-1 | | RADIO TRANSMITTER-RECEIVER: RESTRICTED TRANSMITTER CARRIER FREQ 440 MC. CARRIER SWING ±20 MC. SWEEP FREQ 120 CPS. POWER OUTPUT LESS THAN ONE WATT. OUTPUT TERMINAL PROVIDES FOR ATTACHMENT TO 50 OHM CONCENTRIC CABLE. RECEIVER FOR RECEPTION OF TRANS SIGNALS. INCLUDES INPUT TERMINALS 1/29/43 CRV: MAY 43 | RT-5A/APS-4 AN/APS-4 CONFIDENTIAL | | RECEIVER-TRANSMITTER: A WING UNIT RECEIVER-TRANSMITTER. INCLUDES SCANNER, POWER SUPPLIES, BEACON AND IFF PROVISION. INPUT 115 V ±5% 1φ 800 TO 2400 CY 650 WATTS & 26.5 V ±3V DC 100 WATTS. OUTPUT 35 KW RF RADIATED POWER & MISCELLANEOUS POWER FOR ASSOCIATED UNITS. SHAPE OF DEPTH BOMB MARK 17. SIZE 17 1/8" DIA. X 61" LONG. PROVIDES RADAR SEARCH WITH MODIFIED INTERCEPT SCAN. WT. 148.5 LBS. SAME AS RT-5/APS-4 EXCEPT HAS A REDESIGNED RECEIVER WHICH OPERATES WITH EITHER FREQ. RANGE SELECTOR OR MOTOR CONTROL. IMPROVED CIRCUIT AND PRESSURIZED RECEPTACLE AND SEPARATE CABLE HAVE BEEN SUBSTITUTED FOR PRESSURIZED CABLE. |
| RP-101/W | | TWINE: COTTON TWINE, 3 PLY, 1/2 LB. FEDERAL SPEC T-1-87 | *RT-3/ARN-1 | | NAL FOR ATTACHMENT TO 50 OHM CONCENTRIC CABLE. UNIT INCLUDES A WESTINGHOUSE DYNAMOTOR WHICH OPERATES FROM 28 (24 TO 28.6) VOLTS DC AT 2.5 AMPS APPROXIMATELY (-43039) | RT-5A/APS-4 AN/APS-4 CONFIDENTIAL | | ATED UNITS. SHAPE OF DEPTH BOMB MARK 17. SIZE 17 1/8" DIA. X 61" LONG. PROVIDES RADAR SEARCH WITH MODIFIED INTERCEPT SCAN. WT. 148.5 LBS. SAME AS RT-5/APS-4 EXCEPT HAS A REDESIGNED RECEIVER WHICH OPERATES WITH EITHER FREQ. RANGE SELECTOR OR MOTOR CONTROL. IMPROVED CIRCUIT AND PRESSURIZED RECEPTACLE AND SEPARATE CABLE HAVE BEEN SUBSTITUTED FOR PRESSURIZED CABLE. |
| | | 9/30/44 SEPT. 44 | *RT-3A/ARN-1 *AN/ARN-1 | | RADIO TRANSMITTER-RECEIVER: RESTRICTED TRANSMITTER CARRIER FREQ 440 MC. CARRIER SWING ±20 MC. SWEEP FREQ 120 CPS. POWER OUTPUT LESS THAN ONE WATT. OUTPUT TERMINALS PROVIDE FOR ATTACHMENT TO A 50 OHM CONCENTRIC CABLE. RECEIVER FOR RECEPTION OF TRANSMITTED SIGNALS INCLUDES INPUT TERMINALS 2/2/43 COL: MAY 43 | RT-5B/APS-4 AN/APS-4 CONFIDENTIAL | | RECEIVER-TRANSMITTER: A WING UNIT RECEIVER TRANSMITTER SIMILAR TO THE RECEIVER-TRANSMITTER RT-5A/APS-4 EXCEPT IT HAS A REDESIGNED SCANNER. THE COMPLETE RECEIVER-TRANSMITTER IS ELECTRICALLY AND MECHANICALLY INTERCHANGEABLE WITH THE PRESENT RECEIVER-TRANSMITTER RT-5A/APS-4 AND RT-5A/APS-4. 8/30/44 CW:152453 AUG. 44A |
| RP-102/V | | MARLINE: 3 PLY TATTED JUTE TWINE, 1/4" DIAM. IN 3 LB. BALLS. | | | TERMINALS FOR ATTACHMENT TO 50 OHM CONCENTRIC CABLE. INCLUDES A BLACK AND DECKER DYNAMOTOR WHICH OPERATES FROM 28 (24 TO 28.6) VOLTS DC AT 2.5 AMPS. SAME AS *RT-3/ARN-1 EXCEPT DYNAMOTOR BRUSHES ARE NOT INTERCHANGEABLE. | RT-5B/APS-4 AN/APS-4 CONFIDENTIAL | | CANCELLED 10/9/44 |
| | | 9/30/44 SEPT. 44 | | | RT-4/APS-2 AN/APS-2 TRANSMITTER-CONVERTER: CONFIDENTIAL CONSISTS OF A DUPLEXER, A LOCAL OSCILLATOR, A CONVERTER, IF PREAMPLIFIER, A MAGNETRON AND MD-4/APS-2 MODULATOR. SUPPLY: 24 V DC AND 115/1/400 TO 2400. | | | RT-5/APS-2A AN/APS-2A TRANSMITTER-CONVERTER & ANTENNA ASSEMBLY. ASSIGNMENT CANCELLED. ASSIGNMENTS MADE TO INDIVIDUAL COMPONENTS. 4/8/43 JULY 43 |
| | | COMPONENT INDICATOR "RT" RADIO TRANSMITTER-RECEIVERS TRANSCIVER, RESPONDER, TRANSPONDER, (UNITS MAY INCLUDE INTEGRAL ANTENNA) | | | 5/15/43 CPR: JUNE 43 | | | |
| *RT-2/ARN-1 *AN/ARN-1 | | RADIO TRANSMITTER-RECEIVER: RESTRICTED TRANSMITTER CARRIER FREQ 440 MC. CARRIER SWING ±20 MC, SWEEP FREQ 120 CPS. POWER OUTPUT LESS THAN ONE WATT. POWER OUTPUT TERMINAL PROVIDES FOR ATTACHMENT TO 50 OHM CONCENTRIC CABLE. RECEIVER FOR RECEPTION OF TRANS SIGNALS INCLUDES INPUT TERMINALS 1/29/43 CRV: MAY 43 | | | | | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

*RT-7/APN-1 *AN/APN-1
 RADIO TRANSMITTER RECEIVER RESTRICTED
 TRANSMITTER CARRIER FREQUENCY APPROX.
 440 MC. CARRIER SWING LOW RANGE APPROX.
 ±20 MC. CARRIER SWING HIGH RANGE APPROX.
 ±2 MC. SWEEP FREQUENCY APPROX. 120 CPS.
 POWER OUTPUT LESS THAN ONE WATT. OUTPUT
 TERMINAL PROVIDES FOR ATTACHMENT TO 50
 4/13/43 CRV:K-252667-50
 DEC. 43 P255414 SUB 1

RT-10AH/APS-3 AN/APS-3AM RE-9075-A
 TRANSMITTER-CONVERTER: CONFIDENTIAL
 CONTAINS A THREE STAGE WIDE BAND 30 MC
 PRE-AMP. A 750V DC KEEP ALIVE POWER SUP-
 PLY. MAGNETRON FIL TRANSFORMER, MAGNE-
 TRON 725. 4850 GAUSS MAGNET, TWO-723 LO-
 CAL OSC TUBES, ONE 1B24 "TR" TUBE. ANTI
 "TR" BOX WITH 724 TUBE, "T" SECTION.
 3/10/45 CPR: CPR:5L0-580
 MAR. 45

RT-17/APS-6 AN/APS-6
 TRANSMITTER-CONVERTER: CONFIDENTIAL
 "X" BAND: PRESSURE TIGHT HOUSING WITH
 THERMOSTATIC CONTROL OF INTERNAL TEMP-
 ERATURE. CONTAINS MAGNETRON AND MAGNET,
 PULSE TRANSFORMER, TR AND RT BOXES,
 DOUBLE LOCAL OSCILLATOR FOR RADAR AND
 BEACON, CRYSTAL MIXER, PREAMPLIFIER &
 7/24/43 CAT:
 OCT. 43

OHM CONCENTRIC CABLE. *RT-7/APN-1
 RECEIVER FOR RECEPTION OF TRANSMITTER
 SIGNALS INCLUDES INPUT TERMINAL FOR
 ATTACHMENT TO 50 OHM CONCENTRIC COBLE.
 UNITS INCORPORATE DYNAMOTOR POWER SUPPLY
 AND OPERATE FROM 27 (22 TO 29.5) VOLTS
 DC AT APPROX. 2.8 AMPERES.

RT-10AH/APS-3
 MIXER CHAMBER -IN23 CRYSTAL, BLOWER
 MOTOR, STEP-UP PULSE TRANSFORMER & AS-
 SOCIATED FILTER CIRCUITS. INPUT: 115/1/
 800-2400 & 26V DC -255/105/300V DC.
 CONSISTS OF AN RT-10A/APS-3 MODIFIED BY
 SUBSTITUTION OF 3 STAGE PREAMP FOR 2
 STAGE.

RT-17/APS-6
 AFC CIRCUITS.

*RT-7A/APN-1 *AN/APN-1
 TRANSMITTER RECEIVER: CONFIDENTIAL
 TRANSMITTER CARRIER FREQUENCY APPROX.
 440 MC. CARRIER SWING LOW RANGE APPROX.
 ±20 MC. CARRIER SWING HIGH RANGE APPROX.
 ±2 MC. SWEEP FREQUENCY APPROX. 120 CPS.
 POWER OUTPUT LESS THAN ONE WATT. OUTPUT
 TERMINAL PROVIDES FOR ATTACHMENT TO 50
 7/12/44 CRV:K-252667-50
 MAR. 45 P255414 SUB 1

RT-15/APS-15 AN/APS-15 CONFIDENTIAL
 TRANSMITTER-CONVERTER:
 CONSISTS OF AN "X" BAND DUPLEXER, LOCAL
 OSCILLATORS FOR SEARCH AND BEACON, A
 CONVERTER, I.F. PREAMPLIFIER, A MAG-
 NETRON, AND MODULATOR MD-4/APS-2. SUPPLY
 26V DC AND 115/1/400-2400. HAS POTENTIOM-
 ETER FOR VARYING THE TRANSMITTER CUR-
 5/15/43 CPR:
 SEPT 43

RT-18/ARC-1 AN/ARC-1
 TRANSMITTER-RECEIVER RESTRICTED
 CONTAINS A REMOTELY TUNED RE-
 CEIVER (MAIN) & A FIXED FREQUENCY RE-
 CEIVER (GUARD) WHICH MAY BE SIMULTAN-
 EOUSLY MONITORED; A REMOTELY TUNED
 TRANSMITTER WHICH PROVIDES 6 WATTS OUT-
 PUT, A.3 (VOICE); A HIGH VOLTAGE DYNA-
 7/24/43 CW:D-151592 CW:BXX-31680
 FEB. 45

OHM CONCENTRIC CABLE. *RT-7A/APN-1
 RECEIVER FOR RECEPTION OF TRANSMITTER
 SIGNALS INCLUDES INPUT TERMINAL FOR
 ATTACHMENT TO 50 OHM CONCENTRIC CABLE.
 UNITS INCORPORATE DYNAMOTOR POWER SUPPLY
 AND OPERATE FROM 27 (22 TO 29.5) VOLTS
 DC AT APPROX. 2.8 AMPERES. SIMILAR TO
 *RT-7/APN-1 EXCEPT INCLUDES AUTOMATIC
 RESPONSE CONTROL AND GENERAL CIRCUIT
 IMPROVEMENTS. BRIT. REF. NO. J100B/409.

RT-15/APS-15
 RENT. ELECTRICALLY & MECHANICALLY IN-
 TERCHANGEABLE WITH NAVY TYPE -52ACL.

RT-18/ARC-1
 MOTOR. TEN CRYSTAL-CONTROLLED FREQUEN-
 CIES MAY BE SELECTED IN THE RANGE FROM
 100 TO 156 MC. ADAPTED FOR INDEPENDENTLY
 CONTROLLED DUAL AUDIO OUTPUT. FOR USE ON
 26 V DC PRIMARY POWER SOURCE. DIMENSIONS
 21 1/2" LONG X 10 15/32" WIDE X 7 23/32"
 HIGH. WEIGHING APPROXIMATELY 47 POUNDS.

RT-10/APS-3 AN/APS-3 RE-9075-A
 TRANSMITTER-CONVERTER CONFIDENTIAL
 CONTAINS A TWO STAGE 30MC PRE-AMP. A
 750V DC KEEP ALIVE POWER SUPPLY, MAGNE-
 TRON FIL TRANSFORMER, MAGNETRON 725 OR
 -2J-21. 4850 GAUSS MAGNET, TWO-723
 LOCAL OSC TUBES, TWO-724 "TR" TUBES.
 "TR" BOX ANTI "TR" BOX. "T" SECTION. MIXER
 5/24/43 CPR: CPR:5L0-580
 MAY 44

RT-15A/APS-15 AN/APS-15 CONFIDENTIAL
 TRANSMITTER-CONVERTER:
 CONSISTS OF AN "X" BAND DUPLEXER, LOCAL
 OSCILLATORS FOR SEARCH AND BEACON, A
 CONVERTER, I.F. PREAMPLIFIER, A MAG-
 NETRON, AND MODULATOR MD-4C/APS-2. SUP-
 PLY 26V DC AND 115/1/400-2400. HAS PO-
 TENTIOMETER FOR VARYING THE TRANSMITTER
 5/22/44 CPR:
 MAY 44

RT-18A/ARC-1 AN/ARC-1 RESTRICTED
 TRANSMITTER RECEIVER:
 AIRBORNE, FREQUENCY RANGE: 100-156 MC.
 10 CRYSTAL CONTROLLED CHANNELS. INPUT:
 28V DC,
 CONSISTS OF A REMOTELY TUNED RECEIVER
 (MAIN) & A FIXED FREQUENCY RECEIVER
 (GUARD) WHICH MAY BE SIMULTANEOUSLY
 5/19/45
 MAY 45B 949C

RT-10/APS-3
 CHAMBER -IN-23 CRYSTAL, BLOWER MOTOR,
 STEP-UP PULSE TRANSFORMER & ASSOCIATED
 FILTER CIRCUITS. INPUT: 115/1/800-2400,
 -250/24/105/300/3000V DC.

RT-15A/APS-15
 CURRENT. SIMILAR TO & INTERCHANGEABLE
 WITH NAVY TYPE -52ACL. SIMILAR TO AND
 INTERCHANGEABLE WITH RT-15/APS-15 EXCEPT
 USES MD-4C/APS-2 INSTEAD OF MD-4/APS-2.

RT-18A/ARC-1
 MONITORED; A REMOTELY TUNED TRANSMITTER
 WHICH PROVIDES APPROX. 6W. OUTPUT, A3
 (VOICE). HIGH VOLTAGE DYNAMOTOR. SIZE:
 22" X 10 15/32" X 7 23/32". WT. APPROX.
 47 LBS. SIMILAR TO TRANSMITTER-RECEIVER
 RT-18/ARC-1 EXCEPT FOR CIRCUIT CHANGES
 (REMOVAL OF ONE SPEECH AMPLIFIER) AND
 DESIGN IMPROVEMENTS. INTERCHANGEABLE
 WITH TRANSMITTER RECEIVER RT-18/ARC-1.

RT-10A/APS-3 AN/APS-3A RE-9075-A
 TRANSMITTER-CONVERTER: CONFIDENTIAL
 CONTAINS A TWO STAGE 30 MC PRE-AMP. A
 750V DC KEEP ALIVE POWER SUPPLY, MAGNE-
 TRON FIL TRANSFORMER, MAGNETRON 725.
 4850 GAUSS MAGNET, TWO-723 LOCAL OSC
 TUBES, ONE 1B24 "TR" TUBE. ANTI "TR" BOX
 WITH 724 TUBE, "T" SECTION, MIXER CHAMBER
 7/4/44 CPR: CPR:5L0-580
 JULY 44

RT-15AH/APS-15 AN/APS-15AH
 TRANSMITTER-CONVERTER: CONFIDENTIAL
 CONSISTS OF AN "X" BAND DUPLEXER, LOCAL
 OSCILLATORS FOR SEARCH AND BEACON, A
 CONVERTER, I.F. PREAMPLIFIER, A MAG-
 NETRON, AND MODULATOR MD-4C/APS-2. SUP-
 PLY 26V DC AND 115/1/400-2400. HAS PO-
 TENTIOMETER FOR VARYING THE TRANSMITTER
 12/18/45 CPR:
 MAR. 45A

RT-19/ARC-4 AN/ARC-4
 TRANSMITTER-RECEIVER: CONFIDENTIAL
 CONTAINS A REMOTELY TUNED RECEIVER
 (MAIN) AND A FIXED FREQ RECEIVER (GUARD)
 WHICH MAY BE SIMULTANEOUSLY MONITORED;
 A REMOTELY-TUNED TRANSMITTER WHICH PRO-
 VIDES 6 WATTS OUTPUT, A3 (VOICE) & A HIGH
 VOLTAGE DYNAMOTOR. FOUR CRYSTAL CON-
 7/28/43 CW:233A
 AUG 43

RT-10A/APS-3
 -IN23 CRYSTAL. BLOWER MOTOR, STEP-UP
 PULSE TRANSFORMER & ASSOCIATED FILTER
 CIRCUITS. INPUT: 115/1/800-2400 & 26V DC
 -255/105/300V DC. SIMILAR TO & INTER-
 CHANGEABLE WITH RT-10/APS-3.

RT-15AH/APS-15
 CURRENT. SIMILAR TO & INTERCHANGEABLE
 WITH NAVY TYPE -52ACL. SAME AS
 RT-15A/APS-15 EXCEPT MODIFIED TO INCOR-
 PORATE AN ADDITIONAL PULSE OF 0.25 MI-
 CROSECONDS LENGTH INSTEAD OF 0.5 MICRO-
 SECONDS PULSE WHICH IS DEVELOPED IN
 MD-4C/APS-2 AND INCORPORATES A WIDE
 BAND PREAMPLIFIER.

RT-19/ARC-4
 TROLLED FREQUENCIES MAY BE SELECTED FROM
 140-144MC. ADAPTED FOR INDEPENDENTLY
 CONTROLLED DUAL AUDIO OUTPUT. FOR USE
 ON 14 OR 28 V POWER SUPPLY. DIMENSIONS:
 19-1/2" X 10-1/4" X 7-1/4". WEIGHING
 APPROX. 33LB. FITS MOUNTING BASE
 MT-101/ARC-4.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

RT-21/APN-7 AN/APN-7
 RECEIVER-TRANSMITTER: CONFIDENTIAL
 A BEACON TRANSPONDER; TRANSMITTER & RECEIVER TUNABLE FROM 3245 TO 3345 MC. POWER INPUT 230 WATTS AT 115/1400-2400 & 5 WATTS AT 13/26 V. DC. POWER OUTPUT 200 WATTS PEAK. RECEIVER PULSES 1/2 TO 2 MICROSECONDS IN WIDTH; TRANSMITS RETURN 8/11/43 CPR: CPR:5L0-644
 SEPT 43A

RT-21/APN-7
 PULSES 0.4 MICROSECOND IN WIDTH. ONE FOR EACH RECEIVED PULSE. SIMILAR TO & INTERCHANGEABLE WITH TRANSPONDER OF NAVY MODEL CXCU BEACON EQUIPMENT. FITS MOUNTING PLATE MT-111/APN-7.

RT-22/APX-1 AN/APX-1
 RECEIVER-TRANSMITTER: CONFIDENTIAL
 A TRANSPONDER WHICH COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "B" BAND WHEN TUNING UNIT TN-8/APX-1 OR TN-35/APX-1 IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX. 10 WATTS OUTPUT INTO 50Ω ANTENNA. SELF CONTAINED 8/14/43 CHZ:A-9000
 JUN. 44 CCT:CZR:

RT-22/APX-1
 DYNAMOTOR WHICH REQUIRES 191.5 WATTS AT 26V DC ALSO PROVIDES FOR MOUNTING BUT DOES NOT INCLUDE TUNING UNIT TN-8/APX-1 OR TN-35/APX-1. SIMILAR TO RADIO RECEIVER BC-966-(1) EXCEPT EMPLOYS DIFFERENT CIRCUITS & COMPONENTS TO OBTAIN GREATER OUTPUT WITH LESS WEIGHT.

RT-22A/APX-1 AN/APX-1A
 RECEIVER-TRANSMITTER: CONFIDENTIAL
 A TRANSPONDER WHICH COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "B" BAND WHEN TUNING UNIT TN-8/APX-1 OR TN-35/APX-1 IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX. 10 WATTS OUTPUT INTO 50Ω ANTENNA. SELF CONTAINED 4/4/44 CHZ:A-9000
 JUN. 44 CCT:CZR:

RT-22A/APX-1
 DYNAMOTOR WHICH REQUIRES 191.5 WATTS AT 26V DC ALSO PROVIDES FOR MOUNTING BUT DOES NOT INCLUDE TUNING UNIT TN-8/APX-1 OR TN-35/APX-1. COMPOSED OF RECEIVER-TRANSMITTER RT-55/APX AND DYNAMOTOR DY-23/APX-1A. SAME AS RT-22/APX-1 EXCEPT HAS IMPROVED CIRCUIT CHANGES FOR HIGHER POWER OUTPUT.

RT-22AM/APX-1 AN/APX-1AM CONFIDENTIAL
 RECEIVER-TRANSMITTER:
 A TRANSPONDER WHICH COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "B" BAND WHEN TUNING UNIT TN-8/APX-1 OR TN-90/APX-1 IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX. 10 WATTS OUTPUT INTO 50Ω ANTENNA. SELF 4/20/45 CHZ:A-9000
 APR. 45A CCT:CZR:

RT-22AM/APX-1
 CONTAINED DYNAMOTOR WHICH REQUIRES 191.5 WATTS AT 26V DC ALSO PROVIDES FOR MOUNTING BUT DOES NOT INCLUDE TUNING UNIT TN-8/APX-1 OR TN-90/APX-1A. COMPOSED OF RECEIVER-TRANSMITTER RT-55M/APX AND DYNAMOTOR DY-23/APX-1A. RT-22A/APX-1 MODIFIED TO INCLUDE RT-55M/APX INSTEAD OF RT-55/APX.

RT-22B/APX-1 AN/APX-1B
 RECEIVER-TRANSMITTER: CONFIDENTIAL
 A TRANSPONDER WHICH COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "B" BAND WHEN TUNING UNIT TN-103/APX IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX. 10 WATTS OUTPUT INTO 50Ω ANTENNA. SELF CONTAINED DYNAMOTOR 4/20/45 CHZ:
 APR. 45A CCT:CZR:

RT-22B/APX-1
 WHICH REQUIRES 191.5 WATTS AT 26V DC ALSO PROVIDES FOR MOUNTING BUT DOES NOT INCLUDE TUNING UNIT TN-103/APX. COMPOSED OF RECEIVER-TRANSMITTER RT-55A/APX AND DYNAMOTOR DY-23/APX-1A. SAME AS RT-22A/APX-1 EXCEPT SUBSTITUTES RT-55A/APX FOR RT-55/APX.

RT-23/APX-1X AN/APX-1X
 RECEIVER-TRANSMITTER: CONFIDENTIAL
 A TRANSPONDER WHICH COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQUENCY IN "G" OR "B" BAND WHEN TUNING UNIT TN-8/APX-1 OR TN-35/APX-1 IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX. 10 WATTS OUTPUT INTO 50Ω ANTENNA. SELF CONTAINED 8/14/43 CHZ:A-9000
 JUN. 44 CCT:CZR:

RT-23/APX-1X
 DYNAMOTOR WHICH REQUIRES 221 WATTS AT 13V DC ALSO PROVIDES FOR AND MOUNTS BUT DOES NOT INCLUDE TUNING UNIT TN-8/APX-1 OR TN-35/APX-1. SIMILAR TO RADIO RECEIVER BC-966-(1) EXCEPT EMPLOYS DIFFERENT CIRCUITS & COMPONENTS TO OBTAIN GREATER OUTPUT WITH LESS WEIGHT.

RT-23A/APX-1X AN/APX-1AX RESTRICTED
 RECEIVER-TRANSMITTER:
 A TRANSPONDER WHICH COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQUENCY IN "G" OR "B" BAND WHEN TUNING UNIT TN-8/APX-1 OR TN-35/APX-1 IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX 10 WATTS OUTPUT INTO 50Ω ANTENNA. SELF CONTAINED 4/4/44 CHZ:A-9000
 JUN. 44 CCT:CZR:

RT-23A/APX-1X
 DYNAMOTOR WHICH REQUIRES 221 WATTS AT 13V DC ALSO PROVIDES FOR AND MOUNTS BUT DOES NOT INCLUDE TUNING UNIT TN-8/APX-1 OR TN-35/APX-1. COMPOSED OF RECEIVER-TRANSMITTER RT-56/APX-1A AND DYNAMOTOR DY-24/APX-1AX. SAME AS RT-23/APX-1X EXCEPT HAS IMPROVED CIRCUIT CHANGES FOR HIGHER POWER OUTPUT.

RT-24/APX-2 AN/APX-2
 RECEIVER-TRANSMITTER: CONFIDENTIAL
 TRANSPONDER & INTERROGATOR-RESPONSOR. TRANSPONDER SECTION IS SAME AS RECEIVER-TRANSMITTER RT-22/APX-1 & COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "B" BAND WHEN TUNING UNIT TN-8/APX-1 OR TN-35/APX-1 IS PLUGGED INTO 8/14/43 CHZ:A-2278
 JUN. 44 CCT:CMQ:CMS:

RT-24/APX-2
 APPROX. 10 WATTS OUTPUT INTO 50Ω ANTENNA. INTERROGATOR-RESPONSOR SECTION TRANSMITS & RECEIVES ENTIRE "A" BAND & PROVIDES APPROX. 500 WATTS INTO 50Ω ANTENNA. SELF CONTAINED POWER SUPPLY WHICH REQUIRES 150 WATTS AT 115/1400-2400 & 28.2 WATTS AT 26V DC ALSO PROVIDES POWER AND MOUNTING BUT DOES NOT INCLUDE TUNING UNIT TN-8/APX-1 OR TN-35/APX-1.

RT-24A/APX-2 AN/APX-2A
 RECEIVER-TRANSMITTER: CONFIDENTIAL
 TRANSPONDER & INTERROGATOR-RESPONSOR. TRANSPONDER SECTION IS RT-55/APX & COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "B" BAND WHEN TN-8/APX-1 OR TN-35/APX-1 IS PLUGGED INTO FRONT PANEL. PROVIDES 4/4/44 CHZ:A-2278 CHZ:-A-3136
 JULY 44 CCT:CMQ:CMS:

RT-24A/APX-2
 APPROX. 6W OUTPUT TO 50Ω ANTENNA. INTERROGATOR-RESPONSOR SECTION IS TRANSMITTER RECEIVER RT-57/APX-2A & TRANSMITS & RECEIVES ANY PRESET FREQ. IN "A" BAND & PROVIDES APPROX. 300W INTO 50Ω ANTENNA. SELF CONTAINED POWER SUPPLY REQUIRES 170W AT 115/1400-2400 & 30 W AT 26V DC. SAME AS RT-24/APX-2 EXCEPT HAS IMPROVED CIRCUIT CHANGES.

RT-24B/APX-2 AN/APX-2B
 RECEIVER-TRANSMITTER: CONFIDENTIAL
 TRANSPONDER & INTERROGATOR-RESPONSOR. TRANSPONDER SECTION IS RT-55A/APX AND COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "B" BAND WHEN TN-8/APX-1 OR TN-103/APX-1 IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX. 6W 4/20/45 CHZ: CHZ:
 APR. 45A CCT:CMQ:CMS:

RT-24B/APX-2
 OUTPUT TO 50Ω ANTENNA. INTERROGATOR-RESPONSOR SECTION IS TRANSMITTER RECEIVER RT-57/APX-2A & TRANSMITS & RECEIVES ANY PRESET FREQ. IN "A" BAND & PROVIDES APPROX. 300W INTO 50Ω ANTENNA. SELF CONTAINED POWER SUPPLY REQUIRES 170W AT 115/1400-2400 & 30W AT 26V DC. SAME AS RT-24A/APX-2 EXCEPT SUBSTITUTES RT-55A/APX FOR RT-55/APX.

RT-27/APG-4 AN/APG-4
 TRANSMITTER-RECEIVER: CONFIDENTIAL
 A "L" BAND FREQUENCY MODULATED RADAR TRANSMITTER WITH A CARRIER SWING OF APPROXIMATELY ±2.5 MC AT 50 FEET ALTITUDE. SWEEP FREQUENCY APPROX 110 CPS. POWER OUTPUT APPROX 0.4 WATT. OUTPUT TERMINAL FOR ATTACHMENT TO 50 OHM CABLE. RECEIVER 9/3/43 CRV: CRV:K-258115-502
 NOV. 44

RT-27/APG-4
 FOR RECEPTION OF TRANSMITTER SIGNALS INCLUDES INPUT TERMINAL FOR ATTACHMENT TO 50 OHM CABLE. UNIT INCORPORATES DYNAMOTOR POWER SUPPLY & OPERATES FROM 26V (±3.5V) DC AT APPROXIMATELY 3 AMPERES. FITS MOUNTING BASE #MT-14/ARN-1.

RT-28/APG-4X AN/APG-4X CONFIDENTIAL
 TRANSMITTER-RECEIVER
 A "L" BAND FREQUENCY MODULATED RADAR TRANSMITTER WITH A CARRIER SWING OF APPROX ±2.5 MC AT 50 FT ALTITUDE. SWEEP FREQUENCY APPROX 110 CPS. POWER OUTPUT APPROX 0.4 WATT. OUTPUT TERMINAL FOR ATTACHMENT TO 50 OHM CABLE. RECEIVER FOR 9/3/43 CRV: CRV:K-258115-501
 NOV. 44

RT-28/APG-4X
 RECEPTION OF TRANSMITTER SIGNALS INCLUDES INPUT TERMINAL FOR ATTACHMENT TO 50 OHM CABLE. UNIT INCORPORATES DYNAMOTOR POWER SUPPLY AND OPERATES FROM 15 V (±1.8 V) DC. FITS MOUNTING BASE #MT-14/ARN-1. ALSO INCLUDES RANGE LEAD CONTROL.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--------------------------|--------------------|--|-----------------------|--------------------|---|-------------------------|--------------------|---|
| RT-28A/APG-4X AN/APG-4AX | | CONFIDENTIAL TRANSMITTER-RECEIVER A "L" BAND FREQUENCY MODULATED RADAR TRANSMITTER WITH CARRIER SWING OF APPROX ±2.5 MC AT 50 FT ALTITUDE. SWEEP FREQ., APPROX 110 CPS. POWER OUTPUT APPROX 0.4 WATT. HAS OUTPUT TERMINAL TO ATTACH TO 50 OHM CABLE. RECEIVER INCLUDES INPUT 11/10/44 CRY: CRX:K-258115- DEC. 44 | RT-28A/APG-4X | | CONFIDENTIAL TERMINAL FOR ATTACHMENT TO 50 OHM CABLE; INCORPORATES DYNAMOTOR POWER SUPPLY AND OPERATES FROM 13V (±1.8V) DC. FITS MOUNTING BASE AN-14/ARN-1. SAME AS RT-28/APG-4X EXCEPT INCLUDES DOUBLE LIMITER AND AUTO. GAIN CONTROL DELAY CIR CUITS. USED WITH ALTITUDE COMPENSATION SWITCH SA-9A/APG-4. SUPERCEDES RT-28/APG-4X. | RT-40A/APN-1X AN/APN-1X | | RESTRICTED RADIO TRANSMITTER RECEIVER: TRANSMITTER CARRIER FREQUENCY APPROX. 440 MC. CARRIER SWING LOW RANGE APPROX. ±20 MC. CARRIER SWING HIGH RANGE APPROX. ±2 MC. SWEEP FREQUENCY APPROX. 120 CPS. POWER OUTPUT LESS THAN ONE WATT. OUTPUT TERMINAL PROVIDES FOR ATTACHMENT TO 50 2/6/45 CRY:K-252667-50P MAR. 45 P255414 SUB 1 |
| RT-31/APS-2F AN/APS-2F | | CONFIDENTIAL TRANSMITTER-CONVERTER: CONSISTS OF A DUPLEXER FOR ATTACHING AFC CRYSTAL MIXER, LOCAL OSCILLATOR, CON- VERTER, I.F. - PRE-AMPLIFIER, AFC UNIT, MAGNETRON AND MODULATOR MD-4/APS-2. SUPPLY 26 VOLTS D.C. AND 115/1/400 TO 2400 SIMILAR TO RT-4/APS-2 EXCEPT 10/14/43 CPR: OCT. 43 | RT-31/APS-2F | | CONFIDENTIAL INCLUDES AFC. | RT-41/RPN-1A AN/RPN-1A | | CONFIDENTIAL TRANSMITTER-CONVERTER FRONT PANEL, ANGLE AND FORMED SHEET CON- STRUCTION. CONTAINS TWO IDENTICAL TRANS- MITTERS, X-BAND, AND ASSOCIATED T-R AND ANTI T-R BOXES, AND THE LOCAL OSCILLATOR AND TWO CRYSTAL MIXERS FOR EACH TRANS- MITTER WHICH FEED A 30MC IF INTO THE 1/5/44 CRR: CRR:AR96233-1 JAN. 44 |
| RT-32/APS-6A AN/APS-6A | RE-9088-A | CONFIDENTIAL TRANSMITTER-CONVERTER: CONTAINS A TWO STAGE 60MC PRE-AMP, A 750V DC KEEP ALIVE POWER SUPPLY, MAGNE- TRON FIL TRANSFORMER, MAGNETRON 725A OR -2J-21A, 2500 GAUSS MAGNET, TWO -723A LOCAL OSC TUBES, TWO -724A "TR" TUBES, "TR" BOX ANTI "TR" BOX, "T" SECTION, MIXER 30/18/43 CPR: CPR:5LO-580 OCT. 43 | RT-32/APS-6A | RE-9088-A | CONFIDENTIAL BLOWER MOTOR, STEP-UP PULSE TRANSFORMER & ASSOCIATED FILTER CIRCUITS, INPUT: 115/1/400-2400, -250/24/105/300/3000V DC INCLUDES SHOCKMOUNTS, SIMILAR TO RT-10/APS-3 EXCEPT USGS 60 MC/SEC PRE- AMP, AND DIFFERENT CABLE CONNECTIONS. | RT-42/RPN-1A AN/RPN-1A | | CONFIDENTIAL TRANSMITTER-CONVERTER: ANGLE AND FORMED SHEET CONSTRUCTION. CONTAINS TWO DUPLICATE TRANSMITTERS, S- BAND, WITH MEANS FOR SELECTING ONE OR THE OTHER FOR OPERATION. ALSO CONTAINS THE LOCAL OSCILLATOR TUBE MIXERS FOR HETERODYNING THE RECEIVED ECCHS FOR THE 1/5/44 CRR: CRR:SR96220-1 JAN. 44 |
| RT-33/ARN-T1 AN/ARN-T1 | | CONFIDENTIAL RECEIVER CONSISTS OF A CABINET (THAT MAY BE PLACED IN THE KNEE HOLE UNDER A STANDARD LINK DESK WHERE SPACE IS AT A PREMIUM) WHICH CONTAINS THREE REMOVABLE CHASSIS: (1) MODULATED OSCILLATOR TO DRIVE (2) TRANS- MITTER AMPLIFIER WHICH DRIVES ASSOCIATED 10/21/43 CAET: OCT. 43 | RT-33/ARN-T1 | | CONFIDENTIAL CEIVER AMPLIFIER WITH NOISE GENERATOR TO AMPLIFY RECEIVED SIGNALS TO AUDIBLE LEVEL WITH SIMULATED AIRCRAFT NOISES AND AN INTERNAL RECTIFIER TO PERMIT OPERATION FROM 120/1/60. ALSO PROVIDES INTER- COMMUNICATION. INCLUDES CABLES AND PLUGS FOR CONNECTION TO PHOTO-CELL ASSEMBLY CV-4/ARN-T1. | RT-50/ARQ-10 AN/ARQ-10 | | CONFIDENTIAL RECEIVER-TRANSMITTER TRANSMITS MODULATED SIGNALS CONTROLLED BY MODULATOR-POWER SUPPLY MD-26/ARQ-10. COVERS FREQ. OF 165-330KC, 330-660KC, AND 660 TO 1300KC. POWER OUTPUT 25W. IN- CLUDES A SUPERHETERODYNE RECEIVER MECHANICALLY GANGED TO THE TRANSMITTER 4/3/44 CFT: APR. 44 |
| RT-35/AN(AIRBORNE) | | CONFIDENTIAL METEOROLOGICAL PULSE REPEATER: A BALLOON LAUNCHED, BATTERY OPERATED, RAINPROOF TRANSRECEIVER OPERATING IN THE L BAND HAVING A WEIGHT APPROX. 3 LBS. USED TO MEASURE UPPER WIND VELOCITIES. THE POWER SHALL BE SUPPLIED BY DRY CHARGE RADIOSONDE BATTER- 11/12/43 CTF: FEB. 44 | RT-35/AN(AIRBORNE) | | CONFIDENTIAL IES SUPPLYING 90 TO 3.6 VOLTS EACH. IT CONSISTS OF DIPOLE ANTENNA, TUNED LINE, R.F. STAGE, VIDEO STAGE, MULTIVIBRATOR AND OSCILLATOR. IT SHALL OPERATE FOR A MINIMUM OF 90 MINUTES BETWEEN THE TEM- PERATURE RANGE OF -60° C AND 50° C. SIZE APPROXIMATELY 12" X 6" X 6". CONTAINS THREE BATTERIES. | RT-50/ARQ-10 | | CONFIDENTIAL FREQ. CONTROL. RECEIVER SUPPLIES VOLTAGES TO THE INDICATOR-AMPLIFIERS 10-78/ARQ-10 FOR VISUAL FREQUENCY SET- TING. INPUT: -150, -30, +300, +230V DC +26V DC AND 80 OR 115/10/400 TO 2400 CPS. FROM MODULATOR-POWER SUPPLY MD-26/ARQ-10. MOUNTS IN STD. 1 1/2 UNIT ATR RACK. |
| RT-35/AN(AIRBORNE) | | CONFIDENTIAL METEOROLOGICAL PULSE REPEATER: A BALLOON LAUNCHED, BATTERY OPERATED, RAINPROOF TRANSRECEIVER OPERATING IN THE L BAND HAVING A WEIGHT APPROX. 3 LBS. USED TO MEASURE UPPER WIND VELOCITIES. THE POWER SHALL BE SUPPLIED BY DRY CHARGE RADIOSONDE BATTER- 11/12/43 CTF: FEB. 44 | RT-35/AN(AIRBORNE) | | CONFIDENTIAL IES SUPPLYING 90 TO 3.6 VOLTS EACH. IT CONSISTS OF DIPOLE ANTENNA, TUNED LINE, R.F. STAGE, VIDEO STAGE, MULTIVIBRATOR AND OSCILLATOR. IT SHALL OPERATE FOR A MINIMUM OF 90 MINUTES BETWEEN THE TEM- PERATURE RANGE OF -60° C AND 50° C. SIZE APPROXIMATELY 12" X 6" X 6". CONTAINS TWO BATTERIES. | RT-50/ARQ-10 | | CONFIDENTIAL RECEIVER-TRANSMITTER TRANSMITS MODULATED SIGNALS CONTROLLED BY MODULATOR-POWER SUPPLY MD-26/ARQ-10. COVERS FREQ. OF 165-330KC, 330-660KC, AND 660 TO 1300KC. POWER OUTPUT 25W. IN- CLUDES A SUPERHETERODYNE RECEIVER MECHANICALLY GANGED TO THE TRANSMITTER 4/3/44 CFT: APR. 44 |
| RT-35/AN(AIRBORNE) | | CONFIDENTIAL METEOROLOGICAL PULSE REPEATER: A BALLOON LAUNCHED, BATTERY OPERATED, RAINPROOF TRANSRECEIVER OPERATING IN THE L BAND HAVING A WEIGHT APPROX. 3 LBS. USED TO MEASURE UPPER WIND VELOCITIES. THE POWER SHALL BE SUPPLIED BY DRY CHARGE RADIOSONDE BATTER- 11/12/43 CTF: FEB. 44 | RT-35/AN(AIRBORNE) | | CONFIDENTIAL IES SUPPLYING 90 TO 3.6 VOLTS EACH. IT CONSISTS OF DIPOLE ANTENNA, TUNED LINE, R.F. STAGE, VIDEO STAGE, MULTIVIBRATOR AND OSCILLATOR. IT SHALL OPERATE FOR A MINIMUM OF 90 MINUTES BETWEEN THE TEM- PERATURE RANGE OF -60° C AND 50° C. SIZE APPROXIMATELY 12" X 6" X 6". CONTAINS TWO BATTERIES. | RT-50/ARQ-10 | | CONFIDENTIAL RECEIVER-TRANSMITTER TRANSMITS MODULATED SIGNALS CONTROLLED BY MODULATOR-POWER SUPPLY MD-26/ARQ-10. COVERS FREQ. OF 165-330KC, 330-660KC, AND 660 TO 1300KC. POWER OUTPUT 25W. IN- CLUDES A SUPERHETERODYNE RECEIVER MECHANICALLY GANGED TO THE TRANSMITTER 4/3/44 CFT: APR. 44 |
| RT-40/APN-1X AN/APN-1X | | RESTRICTED RADIO TRANSMITTER RECEIVER TRANSMITTER CARRIER FREQUENCY APPROX. 440 MC. CARRIER SWING LOW RANGE APPROX. ±20 MC. CARRIER SWING HIGH RANGE APPROX. ±2 MC. SWEEP FREQUENCY APPROX. 120 CPS. POWER OUTPUT LESS THAN ONE WATT. OUTPUT TERMINAL PROVIDES FOR ATTACHMENT TO 50 12/11/43 CRY:K-252667-50I MAR. 45 P255414 SUB 1 | RT-40/APN-1X | | RESTRICTED OHM CONCENTRIC CABLE. RECEIVER FOR RECEPTION OF TRANSMITTER SIGNALS INCLUDES INPUT TERMINAL FOR ATTACHMENT TO 50 OHM CONCENTRIC CABLE UNITS INCORPORATE DYNAMOTOR POWER SUPPLY AND OPERATE FROM 13.5 VOLTS DC AT APPROX. 5.6 AMPERES. SIMILAR TO RT-7/APN-1 EXCEPT FOR DIFFERENCES IN INPUT VOLTAGE AND CURRENT. BRIT. REF. NO. 1100B/163. | RT-50/ARQ-10 | | CONFIDENTIAL RECEIVER-TRANSMITTER TRANSMITS MODULATED SIGNALS CONTROLLED BY MODULATOR-POWER SUPPLY MD-26/ARQ-10. COVERS FREQ. OF 165-330KC, 330-660KC, AND 660 TO 1300KC. POWER OUTPUT 25W. IN- CLUDES A SUPERHETERODYNE RECEIVER MECHANICALLY GANGED TO THE TRANSMITTER 4/3/44 CFT: APR. 44 |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-------------------------------------|--------------------|--|---------------------------------------|--------------------|---|-------------------------------------|--------------------|--|
| RT-51/ARQ-10 AN/ARQ-10 CONFIDENTIAL | | RECEIVER-TRANSMITTER TRANSMITS MODULATED SIGNALS CONTROLLED BY MODULATOR-POWER SUPPLY MD-26/ARQ-10. COVERS FREQ. RANGE 1.3 TO 2.65, 2.65 TO 5.4, 5.4 TO 11 MC. POWER OUTPUT 50M. INCLUDES A SUPERHETERODYNE RECEIVER MECHANICALLY GANGED TO THE TRANSMITTER 4/3/44 CFT: APR. 44 | RT-55M/APX AN/APX-1AM CONFIDENTIAL | | RECEIVER-TRANSMITTER: A TRANSPONDER WHICH COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "ROO" BAND WHEN TUNING UNIT TN-8/APX-1 IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX. 6 WATTS OUTPUT INTO 50Ω ANTENNA. OPERATES ON 26V 4/6/45 CHZ: CHZ:A-3138-2 APR. 45B CCT:CZR: 9188M | RT-59/APS-15B AN/APS-15B | | TRANSMITTER-CONVERTER: CONFIDENTIAL CONSISTS OF PREAMPLIFIER AND MIXER, LOCAL OSCILLATORS FOR SEARCH & BEACON, TR AND ATR. OUTPUT TUBE, PULSE TRANSFORMER, BLOWER MOTOR, KEEP-ALIVE RECTIFIER SUPPLY, RELAY CIRCUITS AND FILTERS MOUNTED IN AN INVERTED TYPE MODULATOR 5/12/44 MAY 44 |
| RT-57/ARQ-10 | | FREQUENCY CONTROL. RECEIVER SUPPLIES VOLTAGE TO THE INDICATOR-AMPLIFIER 10-78/ARQ-10 FOR VISUAL FREQUENCY SETTING. INPUT: -150, -30, +300, +250V DC AND 26V D.C AND 80 OR 115V/1φ/400 TO 2400 CPS. FROM MODULATOR-POWER SUPPLY MD-26/ARQ-10. MOUNTS IS STD. 1 1/2 UNIT ATR RACK. | RT-55M/APX | | DC. MOUNTS ON AND RECEIVE- RT-55M/APX ES POWER FROM EITHER DY-23/APX-1A OR RT-57/APX-2A. PROVIDES FOR MOUNTING BUT DOES NOT INCLUDE TN-8/APX-1 OR TN-35/APX WITH DY-23/APX-1A, OPERATING FROM 26V DC COMPRISES RT-22A/APX-1, WITH RT-57/APX-2/ OPERATING FROM 115/1/400-2400 & 26V DC COMPRISES RT-24A/APX-2. SAME AS RT-55/AP EXCEPT FOR CHANGE IN SUPPRESSION TIME TO ADAPT FOR USE WITH AN/APX-13. | RT-59/APS-15B | | BASE. INCLUDES NECESSARY CABLES FOR CRYSTAL CURRENT AND PULSE CABLE. SIMILAR TO TRANSMITTER-CONVERTER RT-15/APS-15 EXCEPT DOES NOT INCLUDE MODULATOR. |
| RT-52/ARQ-10 AN/ARQ-10 CONFIDENTIAL | | RECEIVER TRANSMITTER TRANSMITS MODULATED SIGNALS CONTROLLED BY MODULATOR-POWER SUPPLY MD-26/ARQ-10. FREQUENCY RANGE: 11 TO 22-2, 22.2 TO 44.7 44.7 TO 90 MC. POWER OUTPUT: 50M. INCLUDES A SUPERHETERODYNE RECEIVER MECHANICALLY GANGED TO THE TRANSMITTER 4/3/44 CFT: APR. 44 | RT-56/APX-1AX AN/APX-1AX CONFIDENTIAL | | RECEIVER-TRANSMITTER: CONFIDENTIAL A TRANSPONDER WHICH COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "B" BAND WHEN TUNING UNIT TN-8/APX-1 OR TN-35/APX IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX. 10 WATTS OUTPUT INTO 50Ω ANTENNA. OPERATES ON 13V 4/13/44 CHZ: APR. 44 | RT-61/APM-13 AN/APM-13 CONFIDENTIAL | | RECEIVER-TRANSMITTER: CONFIDENTIAL A BEACON TRANSDUCER; TRANSMITTER & RECEIVER TUNABLE FROM 2999 TO 3066 MC. POWER INPUT 230 WATTS AT 115/1/400-2400 & 5 WATTS AT 13/26 V DC. POWER OUTPUT 200 WATTS PEAK. RECEIVER PULSES 1 TO 2.6 MICROSECONDS IN WIDTH; TRANSMITS RETURN 5/18/44 CPR: CPR:5L0-644 JUN. 44 |
| RT-52/ARQ-10 | | FREQUENCY CONTROL. RECEIVER SUPPLIES VOLTAGE TO THE INDICATOR-AMPLIFIER 10-78/ARQ-10 FOR VISUAL FREQUENCY SETTING. INPUT: -150, -30, 300, +250V. D.C +26V DC AND 80 OR 115V/1φ/400 TO 2400 CPS. FROM MODULATOR-POWER SUPPLY. MD-26/ARQ-10. MOUNTS IN STD. 1 1/2 UNIT ATR RACK. | RT-56/APX-1AX | | DC. MOUNTS ON DY-24 /APX-1AX. PROVIDES FOR MOUNTING BUT DOES NOT INCLUDE TUNING UNIT TN-8/APX-1 OR TN-35/APX. SIMILAR TO RADIO RECEIVER BC-966-(C) EXCEPT EMPLOYS DIFFERENT CIRCUITS & COMPONENTS TO OBTAIN GREATER OUTPUT WITH LESS WEIGHT. SAME AS RT-23/APX-1X EXCEPT HAS IMPROVED CIRCUITS AND DOES NOT INCLUDE DYNAMOTOR. | RT-61/APM-13 | | PULSES 0.4 MICROSECOND IN WIDTH. ONE FOR EACH RECEIVED PULSE. SIMILAR TO RT-21/APM-7 EXCEPT FOR FREQUENCY RANGE COVERED. FITS MOUNTING PLATE RT-111/APM-7. |
| RT-55/APX AN/APX-1A.2A | | RECEIVER-TRANSMITTER: CONFIDENTIAL A TRANSPONDER WHICH COVERS ENTIRE "A" BAND BUT MAY BE TUNED TO ANY FREQ. IN "G" OR "B" BAND WHEN TUNING UNIT TN-8/APX-1 OR TN-35/APX IS PLUGGED INTO FRONT PANEL. PROVIDES APPROX. 6 WATTS OUTPUT INTO 50Ω ANTENNA. OPERATES ON 26V 4/12/44 CHZ: CHZ:A-3138-2 JULY 44 CCT:CZR: | RT-57/APX-2A AN/APX-2A | | TRANSMITTER RECEIVER: CONFIDENTIAL INTERROGATOR-RESPONSOR WHICH TRANSMITS AND RECEIVES ANY PRESET FREQ. IN "A" BAND AND PROVIDES APPROX 300W OUTPUT INTO 50Ω ANTENNA. INCLUDES A SELF CONTAINED POWER SUPPLY WHICH REQUIRES 170W. AT 115/1/400-2400 & 30W, @ 26V DC. PRO- 4/13/44 CHZ: CHZ:A-3209 JULY 44 | RT-62/ARC-13 AN/ARC-13 | | TRANSMITTER-RECEIVER: CONFIDENTIAL CONTAINS A REMOTELY TUNED RECEIVER (MAIN) AND A FIXED FREQUENCY RECEIVER (GUARD) WHICH MAY BE SIMULTANEOUSLY MONITORED; A REMOTELY TUNED TRANSMITTER WHICH PROVIDES APPROX. 15 WATTS OUTPUT A-3 (VOICE); A HIGH VOLTAGE DYNAMOTOR. 5/25/44 MAY 44 |
| RT-55/APX | | DC. MOUNTS ON AND RECEIVES POWER FROM EITHER DY-23/APX-1A OR RT-57/APX-2A. PROVIDES FOR MOUNTING BUT DOES NOT INCLUDE TUNING UNIT TN-8/APX-1 OR TN-35/APX. WITH DY-23/APX-1A OPERATING FROM 26V DC COMPRISES RT-22A/APX-1, WITH RT-57/APX-2A OPERATING FROM 115/1/400-2400 & 26V DC COMPRISES RT-24A/APX-2. SAME AS RT-22/APX-1 EXCEPT HAS IMPROVED CIRCUITS BUT NO DYNAMOTOR. | RT-57/APX-2A | | VIDES POWER AND MOUNTING FOR RECEIVER-TRANSMITTER RT-65 /APX-. SAME AS INTERROGATOR-RESPONSOR PART OF RT-24/APX-2 EXCEPT HAS IMPROVED CIRCUITS. | RT-62/ARC-13 | | TEN CRYSTAL CONTROLLED FREQUENCIES MAY BE SELECTED IN THE RANGE FROM 100 TO 400 MC. ADAPTED FOR INDEPENDENTLY CONTROLLED DUAL AUDIO OUTPUT. FOR USE ON 28 VOLT DC PRIMARY POWER SOURCE. DIMENSIONS 19 9/16" LONG X 15 3/8" X 7 5/8" HIGH WEIGHT IS APPROX. 65 LBS COMPLETE WITH TUBES AND CRYSTALS. |
| RT-55A/APX AN/APX-1B.2B | | RECEIVER-TRANSMITTER: CONFIDENTIAL A TRANSPONDER WHICH COVERS ENTIRE "A" BAND & MAY RECEIVE ON MK 3 "G" & S BAND AND REPLY ON MK 3 "G" BAND WHEN TN-103/APX IS USED. PROVIDES APPROX. 50 WATTS OUTPUT INTO 50Ω ANTENNA. OPERATES ON 26V 4/6/45 CHZ: CHZ:A-3138-2 APR. 45B CCT:CZR: 9188M | RT-58/ARC-12 AN/ARC-12 CONFIDENTIAL | | TRANSMITTER-RECEIVER CONTAINS A REMOTELY TUNED RECEIVER (MAIN) & A FIXED FREQUENCY RECEIVER (GUARD) WHICH MAY BE SIMULTANEOUSLY MONITORED. A REMOTELY TUNED TRANSMITTER WHICH PROVIDES 6 WATTS OUTPUT, A 3 (VOICE), A HIGH VOLTAGE DYNAMOTOR. 5/2/44 CM: CM: MAY 44 | RT-63/APS GEN. USE CONFIDENTIAL | | TRANSMITTER-RECEIVER: RECEIVES A MODULATION PULSE FROM AN EXTERNAL MODULATOR. FEEDS AND RECEIVES R.F. TO AND FROM A SUITABLE ANTENNA. DELIVERS .8 TO 1.1V (INTO 100 OHM) VIDEO SIGNALS TO AN ASSOCIATED INDICATOR. PRESSURIZED FOR HIGH ALTITUDE OPERATION. OPERATES IN 5/29/44 CHS: CHS:X6053-H JUN. 44 PART NO. 85-A |
| RT-55A/APX | | DC. MOUNTS ON AND RECEIVE- RT-55A/APX ES POWER FROM EITHER DY-23/APX-1A OR RT-57/APX-2A. PROVIDES FOR MOUNTING BUT DOES NOT INCLUDE TUNING UNIT TN-103/APX WITH DY-23/APX-1A OPERATING FROM 26V DC COMPRISES RT-22A/APX-1, WITH RT-57/APX-2A OPERATING FROM 115/1/400-2400 & 26V DC COMPRISES RT-24A/APX-2. SAME AS RT-55/APX EXCEPT INCLUDES SPEED UP CHANGE IN TIME-SHARING CIRCUIT. | RT-58/ARC-12 | | TEN CRYSTAL-CONTROLLED FREQUENCIES MAY BE SELECTED IN THE RANGE FROM 225 TO 310 MC. ADAPTED FOR INDEPENDENTLY CONTROLLED DUAL AUDIO OUTPUT. FOR USE ON 26 V DC PRIMARY POWER SOURCE. DIMENSIONS 19-1/2 LONG X 10-1/4 WIDE X 7-1/4 HIGH, WEIGHING APPROXIMATELY 45 POUNDS. | RT-63/APS | | K BAND. INPUT +105V @ 150 MA. 300V @ 25 MA. -300V @ 20 MA. 27V @ 3A. AND 115V/1φ/400 -2000~ @ 2A. WT. APPROX. 60 LBS. SIZE APPROX: 10" DIA. X 22" LONG. FIRST PROCURED ON NXSa 59112 FROM PENNSYLVANIA ELECTRIC PRODUCTS INC. (SALEM MASS.) |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

RT-78/TPS-9 AN/TPS-9 CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 A TRANSMITTER, RECEIVER AND INDICATING UNIT COMBINED IN ONE UNIT THAT MAY BE EASILY TRANSPORTABLE. THE TRANSMITTER EMPLOYS A TUNED GRID, TUNED CATHODE PUSH-PULL OSCILLATOR WHICH DELIVERS A PULSE TWO MICROSECONDS WIDE AT A REPETITIVE RATE OF 400 P.P.S. TUNED FROM FRONT PANEL. THE RECEIVERS A FIVE STAGE SUPERHERTZODNE TYPE IS TUNED FROM THE FRONT PANEL. THE INDICATOR HAS BOTH "A" SCOPE AND P.P.I. PRESENTATION HAVING TWO RANGES OF 20 AND 80 NAUTICAL MILES. DIMENSIONS: 23 25/32" X 26 3/16" X 18". WEIGHT 114 LBS.

RT-80/APX-12 AN/APX-12 CONFIDENTIAL
 RECEIVER-TRANSMITTER
 AIRBORNE INTERROGATOR-RESPONSOR UNIT MOUNTED ON ONE "ATR" RACK. RECEIVER OPERATES ON FREQUENCY OF 123-128 MC. RE-TRANSMITS ON FREQUENCY 140 TO 150 MC. INCLUDES CODING DEVICE WITH TWO BANKS OF TUMBLERS TO ALLOW EITHER OF TWO SETS OF 10/19/44 CQJ:
 OCT. 44

RT-80/APX-12 AN/APX-12 CONFIDENTIAL
 RECEIVER-TRANSMITTER
 AIRBORNE INTERROGATOR-RESPONSOR UNIT MOUNTED ON ONE "ATR" RACK. RECEIVER OPERATES ON FREQUENCY OF 123-128 MC. RE-TRANSMITS ON FREQUENCY 140 TO 150 MC. INCLUDES CODING DEVICE WITH TWO BANKS OF TUMBLERS TO ALLOW EITHER OF TWO SETS OF 10/19/44 CQJ:
 OCT. 44

RT-80/APX-12 AN/APX-12 CONFIDENTIAL
 RECEIVER-TRANSMITTER
 AIRBORNE INTERROGATOR-RESPONSOR UNIT MOUNTED ON ONE "ATR" RACK. RECEIVER OPERATES ON FREQUENCY OF 123-128 MC. RE-TRANSMITS ON FREQUENCY 140 TO 150 MC. INCLUDES CODING DEVICE WITH TWO BANKS OF TUMBLERS TO ALLOW EITHER OF TWO SETS OF 10/19/44 CQJ:
 OCT. 44

RT-81/AM CONFIDENTIAL
 RECEIVER TRANSMITTER:
 LIGHTWEIGHT TRANSPONDER AND METEOROGRAPH CARRIED ALOFT TO INDICATE PRESSURE AND RETRANSMIT RECEIVED FREQUENCY MODULATED SIGNALS WITH SUPER IMPOSED AUDIO FREQUENCIES. RECEIVES A 27.75 MC. CARRIER MODULATED BY A 10 KC. PHASE
 11/17/44
 NOV. 44

RT-81/AM CONFIDENTIAL
 RECEIVER TRANSMITTER:
 LIGHTWEIGHT TRANSPONDER AND METEOROGRAPH CARRIED ALOFT TO INDICATE PRESSURE AND RETRANSMIT RECEIVED FREQUENCY MODULATED SIGNALS WITH SUPER IMPOSED AUDIO FREQUENCIES. RECEIVES A 27.75 MC. CARRIER MODULATED BY A 10 KC. PHASE
 11/17/44
 NOV. 44

RT-85/ARC-1A AN/ARC-1A RESTRICTED
 TRANSMITTER-RECEIVER:
 A REMOTELY TUNED RECEIVER (MAIN) & A FIXED FREQUENCY RECEIVER (GUARD) WHICH MAY BE SIMULTANEOUSLY MONITORED; A REMOTELY TUNED TRANSMITTER WHICH PROVIDES 6 WATTS OUTPUT, A.3 (VOICE); HY DYNAMOTOR. TEN CRYSTAL-CONTROLLED FREQUENCIES WHICH RANGE FROM 100 TO 156 MC. 26V DC PRIMARY POWER SOURCE. DIMENSIONS 19 1/2 LONG X 10 1/4 WIDE X 7 1/4 HIGH. SIMILAR TO RT-18/ARC-1 EXCEPT FOR DESIGN AND CIRCUIT CHANGES BUT NOT INTERCHANGEABLE WITH RT-18/ARC-1.
 CANCELLED NEVER USED

RT-85/ARC-1A RESTRICTED
 TRANSMITTER-RECEIVER:
 A REMOTELY TUNED RECEIVER (MAIN) & A FIXED FREQUENCY RECEIVER (GUARD) WHICH MAY BE SIMULTANEOUSLY MONITORED; A REMOTELY TUNED TRANSMITTER WHICH PROVIDES 6 WATTS OUTPUT, A.3 (VOICE); HY DYNAMOTOR. TEN CRYSTAL-CONTROLLED FREQUENCIES WHICH RANGE FROM 100 TO 156 MC. 26V DC PRIMARY POWER SOURCE. DIMENSIONS 19 1/2 LONG X 10 1/4 WIDE X 7 1/4 HIGH. SIMILAR TO RT-18/ARC-1 EXCEPT FOR DESIGN AND CIRCUIT CHANGES BUT NOT INTERCHANGEABLE WITH RT-18/ARC-1.
 CANCELLED NEVER USED

RT-87 /FPH-1 AN/FPH-1 CONFIDENTIAL
 TRANSMITTER-CONVERTER:
 ANGLE AND FORMED SHEET CONSTRUCTION. CONTAINS TWO DUPLICATE TRANSMITTERS, "S" BAND, WITH MEANS FOR SELECTING ONE OR THE OTHER FOR OPERATION. ALSO CONTAINS THE LOCAL OSCILLATOR TUBE MIXERS FOR HETERODYNING THE RECEIVED ECHOS FOR THE
 12/19/44 CRR:
 DEC. 44

RT-87 /FPH-1 AN/FPH-1 CONFIDENTIAL
 TRANSMITTER-CONVERTER:
 ANGLE AND FORMED SHEET CONSTRUCTION. CONTAINS TWO DUPLICATE TRANSMITTERS, "S" BAND, WITH MEANS FOR SELECTING ONE OR THE OTHER FOR OPERATION. ALSO CONTAINS THE LOCAL OSCILLATOR TUBE MIXERS FOR HETERODYNING THE RECEIVED ECHOS FOR THE
 12/19/44 CRR:
 DEC. 44

RT-88 /FPH-1 AN/FPH-1 CONFIDENTIAL
 TRANSMITTER-CONVERTER:
 ANGLE AND FORMED SHEET CONSTRUCTION. CONTAINS TWO IDENTICAL TRANSMITTERS, X-BAND, AND ASSOCIATED T-R AND ANTI T-R BOXES, AND THE LOCAL OSCILLATOR AND TWO CRYSTAL MIXERS FOR EACH TRANSMITTER WHICH FEED A 30MC IF INTO THE
 12/19/44 CRR:
 DEC. 44

RT-88 /FPH-1 AN/FPH-1 CONFIDENTIAL
 TRANSMITTER-CONVERTER:
 ANGLE AND FORMED SHEET CONSTRUCTION. CONTAINS TWO IDENTICAL TRANSMITTERS, X-BAND, AND ASSOCIATED T-R AND ANTI T-R BOXES, AND THE LOCAL OSCILLATOR AND TWO CRYSTAL MIXERS FOR EACH TRANSMITTER WHICH FEED A 30MC IF INTO THE
 12/19/44 CRR:
 DEC. 44

RT-91/ARC-2 AN/ARC-2 CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 CONSISTS OF A REMOTELY CONTROLLED TRANSMITTER-RECEIVER WHICH PROVIDES 8 CHANNELS FROM 2 TO 9.05 MC WITH VOICE, CW OR MCW, AMPLITUDE MODULATED. CONTROLLED BY EITHER THE PILOT OR RADIO OPERATOR. POWER OUTPUT: 40 WATTS. INPUT VOLTAGE:
 1/27/45 COL:
 MAR. 45

RT-91/ARC-2 AN/ARC-2 CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 CONSISTS OF A REMOTELY CONTROLLED TRANSMITTER-RECEIVER WHICH PROVIDES 8 CHANNELS FROM 2 TO 9.05 MC WITH VOICE, CW OR MCW, AMPLITUDE MODULATED. CONTROLLED BY EITHER THE PILOT OR RADIO OPERATOR. POWER OUTPUT: 40 WATTS. INPUT VOLTAGE:
 1/27/45 COL:
 MAR. 45

RT-96/ARC-19 AN/ARC-19 CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 DIMENSIONS 19 9/16" X 10 5/8" X 10 1/8". WEIGHT 70 LBS. FITS MOUNTING BASE MT-291/U. INPUT 26.5 VOLTS DC. COMPLETELY SEALED AGAINST MOISTURE AND HUMIDITY. CONTAINS COMPLETE MAIN RECEIVER (225-400 MC/S), GUARD RECEIVER (1 SPOT FREQUENCY).
 2/26/45
 FEB. 45

RT-96/ARC-19 AN/ARC-19 CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 DIMENSIONS 19 9/16" X 10 5/8" X 10 1/8". WEIGHT 70 LBS. FITS MOUNTING BASE MT-291/U. INPUT 26.5 VOLTS DC. COMPLETELY SEALED AGAINST MOISTURE AND HUMIDITY. CONTAINS COMPLETE MAIN RECEIVER (225-400 MC/S), GUARD RECEIVER (1 SPOT FREQUENCY).
 2/26/45
 FEB. 45

RT-98/APG-17 AN/APG-17 RE 16R9 CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 FM TRANSMITTER-RECEIVER OPERATING IN WAVE BAND OF 1475 TO 1525 MC. OUTPUT OF TRANSMITTER 2 WATTS. INPUT: 27V DC. OVERALL SIZE 7 5/32" X 10 1/8" X 9 9/16". WT. 12 LBS.

3/14/45
 MAY 45

RT-99/APS-32 AN/APS-32 RE 13A 1108A CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 RECEIVES A MODULATION PULSE FROM AN EXTERNAL MODULATOR. FEEDS AND RECEIVES R.F. TO AND FROM A SUITABLE ANTENNA. DELIVERS APPROX 2V (INTO 95Ω) VIDEO SIGNALS TO AN ASSOCIATED INDICATOR. PRESSURIZED FOR HIGH ALTITUDE OPERATION. OPERATES IN K
 3/17/45
 APR. 45A 948A
 CPR:5L0-1494

RT-99/APS-32 AN/APS-32 RE 13A 1108A CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 RECEIVES A MODULATION PULSE FROM AN EXTERNAL MODULATOR. FEEDS AND RECEIVES R.F. TO AND FROM A SUITABLE ANTENNA. DELIVERS APPROX 2V (INTO 95Ω) VIDEO SIGNALS TO AN ASSOCIATED INDICATOR. PRESSURIZED FOR HIGH ALTITUDE OPERATION. OPERATES IN K
 3/17/45
 APR. 45A 948A
 CPR:5L0-1494

RT-100/APS-19 AN/APS-19 948AC CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 CONSISTS OF A MAGNETRON, MAGNET AND BLOWER, MODULATOR WITH HYDROGEN THYRATRON TYPE PULSE TRANSFORMER AND RECEIVER R-161/APS-19. ALL ARE HOUSED IN A PRESSURIZED HOUSING. OPERATES IN X BAND. DIMENSIONS: 12 1/2" DIAMETER X 17" LONG.
 3/23/45 CS:
 MAR. 45A

RT-100/APS-19 AN/APS-19 948AC CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 CONSISTS OF A MAGNETRON, MAGNET AND BLOWER, MODULATOR WITH HYDROGEN THYRATRON TYPE PULSE TRANSFORMER AND RECEIVER R-161/APS-19. ALL ARE HOUSED IN A PRESSURIZED HOUSING. OPERATES IN X BAND. DIMENSIONS: 12 1/2" DIAMETER X 17" LONG.
 3/23/45 CS:
 MAR. 45A

RT-101/APS-31 AN/APS-31 CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 RECEIVES A MODULATION PULSE FROM AN EXTERNAL MODULATOR. FEEDS & RECEIVES RF TO & FROM A SUITABLE ANTENNA. DELIVERS APPROX 2V. (INTO 95Ω) VIDEO SIGNALS TO AN ASSOC. INDICATOR. PRESSURIZED FOR HIGH ALTITUDE OPERATION. OPERATES IN X
 4/5/45 CPR:
 APR. 45B 948A
 CPR:5L0-1556

RT-101/APS-31 AN/APS-31 CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 RECEIVES A MODULATION PULSE FROM AN EXTERNAL MODULATOR. FEEDS & RECEIVES RF TO & FROM A SUITABLE ANTENNA. DELIVERS APPROX 2V. (INTO 95Ω) VIDEO SIGNALS TO AN ASSOC. INDICATOR. PRESSURIZED FOR HIGH ALTITUDE OPERATION. OPERATES IN X
 4/5/45 CPR:
 APR. 45B 948A
 CPR:5L0-1556

RT-104/APA-4A AN/APS-4A CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 TRANSMITS AND RECEIVES PULSED "X" BAND ENERGY. CONTAINS RADAR RECEIVER R-169/APS-4A. INTERMEDIATE FREQUENCY AMPLIFIER AM-121/APS-4. SERVO AMPLIFIER AM-122/APS-4. RANGE UNIT SN-37/APS-4A. RECTIFIER POWER UNIT PP-187/APS-4.
 4/28/45 CW:
 MAY 45A 948AG

RT-104/APA-4A AN/APS-4A CONFIDENTIAL
 TRANSMITTER-RECEIVER:
 TRANSMITS AND RECEIVES PULSED "X" BAND ENERGY. CONTAINS RADAR RECEIVER R-169/APS-4A. INTERMEDIATE FREQUENCY AMPLIFIER AM-121/APS-4. SERVO AMPLIFIER AM-122/APS-4. RANGE UNIT SN-37/APS-4A. RECTIFIER POWER UNIT PP-187/APS-4.
 4/28/45 CW:
 MAY 45A 948AG

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

RT-1047APS-4M
 BEACON TUNING OSCILLATOR O-40/APS-4. ALSO CONTAINS HV RECTIFIER, TIMING CIRCUITS AND MODULATOR. TRANSMITTER POWER OUTPUT: 30 KW PEAK. DESIGNED FOR MOUNTING ON NAVY MK 50 AND 51 BOMB RACK. INPUT: 115/1φ/800-2400- & 28V DC. PART OF AN/APS-4A.

SHELTERS

ROOSE. TENT. PROTECTIVE SHELTERS, ETC.

S-12/TPS-1B AN/TPS-1B
 SHELTER:
 A SQUARE SHELTER OF 8 OZ. TREATED CANVYAS ARRANGED TO BE SUPPORTED BY THE RADAR TOWER ASSEMBLY. SIZE: 10 FT. SQUARE AT BASE. TAPERS SLIGHTLY TO A POINT 7 FT. ABOVE THE GROUND AND THEN BREAKS SHARPLY TO JOIN THE TOWER AT A POINT 9 FT. ABOVE 4/17/44 CW:8-415200 CW:80-418496 DEC. 44

S-12/TPS-1B
 THE GROUND. INCLUDES A SEPARATE FLY AT THE TOP OF THE ANTENNA DRIVE UNIT. MX-191/TPS-1B AND A FLOOR OF 12 OZ. TREATED CANVYAS ALSO INCLUDES A BAG INTO WHICH THE SHELTER TOGETHER WITH ASSOCIATED FLY & STAKES CAN BE PACKED.

S-19/G
 TENT:
 A COMMUNICATIONS TENT CANVYAS DUCK. OLIVE DRAB, 4 FT. 9 IN. HIGH; 7 FT. WIDE; 7 FT. 6 IN. LONG. HAS VENTILATOR IN EITHER END WITH BLACKOUT COVERS; TENT-FLAP ENTRANCE, 28 IN. WIDE; BLACK-OUT CURTAIN 15 IN. BEHIND ENTRANCE. EXTEND 9/30/44 SEPT. 44

S-19/G
 ING ENTIRE LENGTH AND HEIGHT OF TENT WHICH CAN BE ROLLED UP WHEN NOT IN USE. COMPLETE WITH POLES AND PINS. INCLUDES: 12 PIN, TENT, NOTCHED, 16" LONG
 4 PIN, TENT, NOTCHED, 24" LONG
 4 POLE, CORNER, 1-3/4" X 55"
 1 POLE, CENTER, 1-3/4" X 62-1/2"

COMPONENT INDICATOR "SA" SWITCHING ASSEMBLY
 MANUAL SWITCHING ASSEMBLIES

SA-1/ARN-1 AN/ARN-1
 ALTITUDE LIMIT SWITCH: RESTRICTED MOUNTED IN "AN" METER CASE. HAS SETTINGS FOR 50, 75, 100, 125, 150, 175, 200, 225, 250, 275 AND 300 FEET.

(-24130)
 1/29/43 CRV:P255295-501 CRV:K252401 (5)
 NOV. 44 & M255607 SUB

SA-1A/ARN-1 AN/ARN-1
 ALTITUDE LIMIT SWITCH: RESTRICTED MOUNTS IN "AN" METER CASE. HAS SETTINGS FOR 50, 75, 100, 125, 150, 175, 200, 225, 250, 275 AND 300 FEET. SAME AS SA-1/ARN-1 EXCEPT CHARACTERS AND LINES ON DIAL AND KNOB ARE TREATED WITH PALE YELLOW FLUORESCENT INSTEAD OF GREEN 3/8/44 CRV:P255295-502 CRV:M255607 NOV. 44 SUB 7

SA-1A/ARN-1
 FLUORESCENT PHOSPHORESCENT MATERIAL. BRITISH REF. NO., 110FB/386.

SA-2/FRC AN/FRT-1
 SWITCH PANEL:
 COMPRISES SIX KEY SWITCHES AND ASSOCIATED INDICATOR LAMPS FOR REMOTE CONTROL OF START & STOP OF RADIO TRANSMITTER T-4/FRC & RADIO TRANSMITTER T-5/FRC. PANEL SIZE APPROXIMATELY 6" HIGH BY 19" WIDE. MOUNTED ON STANDARD 19" RACK. 12/22/43 CKV: CKV:MX-07169 JUN. 44

SA-2/FRC
 CONTRACTS NYSS 33374 AND NYSS 40010 FROM AIRCRAFT ACCESSORIES CORP.

SA-3/A GENERAL USE
 IMPACT SWITCH
 SINGLE POLE SINGLE THROW NORMALLY OPEN. OPERATES UPON APPLICATION OF 10G IN HORIZONTAL PLANE. CONTACTS RATED 20 AMPS USED IN AIRCRAFT FOR TURNING ON A CIRCUIT WHEN PLANE CRASHES.
 3/20/43 CKW:MODEL A4304 CKW:80800 REV 0 APR. 43

SA-4/APA-1 AN/APA-1 RE-9035-A
 ANTENNA SWITCHING UNIT: RESTRICTED ROTATING MOTOR SWITCH, DOUBLE SECTION. ONE HALF ALTERNATELY SWITCHES RF SIGNALS RECEIVED FROM PORT AND STARBOARD ANTENNAS TO RECEIVER AND THE OTHER HALF SYNCHRONOUSLY SWITCHES THE VIDEO SIGNALS RECEIVED FROM THE RECEIVER TO THE RIGHT 4/23/43 CPR: CPR:SK-2038 FEB. 44

SA-4/APA-1
 AND LEFT SCOPE CIRCUITS OF THE REPEATER INDICATOR AMPLIFIER AN-6/APA-1. INPUT: 12 WATTS AT 26V DC. WT 6#. OVERALL DIMENSIONS: 7 1/4" X 7 9/16" X 7 3/16".

SA-4A/APA-1 AN/APA-1 RESTRICTED
 ANTENNA SWITCHING UNIT: ROTATING MOTOR SWITCH, DOUBLE SECTION. ONE HALF ALTERNATELY SWITCHES RF SIGNALS RECEIVED FROM PORT AND STARBOARD ANTENNAS TO RECEIVER AND THE OTHER HALF SYNCHRONOUSLY SWITCHES THE VIDEO SIGNALS RECEIVED FROM THE RECEIVER TO THE RIGHT 2/15/44 CDS: CDS:ATS-2000 FEB. 44

SA-4A/APA-1
 AND LEFT SCOPE CIRCUITS OF THE REPEATER INDICATOR AMPLIFIER AN-6/APA-1. INPUT: 12 WATTS AT 24V DC. WT 6#. OVERALL DIMENSIONS: 7 1/4" X 7 9/16" X 7 3/16". SAME AS SA-4/APA-1 EXCEPT USES 50 OHM IMPEDANCE CABLE INSTEAD OF 70 OHM AND OTHER MINOR CHANGES WHICH DO NOT AFFECT INTERCHANGEABILITY.

SA-5/APM AN/APN-1 RE 9083A
 REMOTE CONTROLLED SWITCH: CONFIDENTIAL A REMOTE CONTROLLED SWITCH UNIT WHICH CONTAINS TWO THREE LEVEL (DECK) TEN STEP SELECTOR SWITCHES USED FOR REMOTE FUNCTIONAL SWITCHING. OPERATES ON 13 VOLTS DC. THE UNIT IS APPROXIMATELY 12" X 8 3/4" X 3 3/8" INCLUDING SHOCK 6/2/43 CAU: H-80003-S JAN. 44

SA-5/APM
 MOUNT. WEIGHING APPROXIMATELY 7 1/4 POUNDS.

SA-6/APM AN/APN-1 RE 9083A
 REMOTE CONTROLLED SWITCH: CONFIDENTIAL A REMOTE CONTROLLED SWITCH UNIT WHICH CONTAINS TWO THREE LEVEL (DECK) TEN STEP SELECTOR SWITCHES USED FOR REMOTE FUNCTIONAL SWITCHING. OPERATES ON 26 V DC. INCLUDES A RANGE LEAD CONTROL CONSISTING OF A 100,000 OHM POTENTIOMETER WITH A 6/3/43 CAU: H-80004-S FEB. 44

SA-6/APM
 CIRCULAR ROTATING DISC CALIBRATED IN 10 FT. DIVISIONS BETWEEN 0 TO 100 FT. THE UNIT IS APPROXIMATELY 12" X 8 3/4" X 3 3/8" INCLUDING SHOCK MOUNT, WEIGHING APPROXIMATELY 7 1/4 POUNDS.

SA-9/APG-4 AN/APG-4 RESTRICTED
 SWITCH: MOUNTED IN STANDARD "AN" METER CASE. INCLUDES TWO CONTROLS. ONE HAS SETTINGS FOR POWER OFF, 50, 75, 100, 150, 200 AND 300 FEET. OTHER CONTROL IS A RANGE LEAD CONTROL CONTINUOUSLY VARIABLE. TO PRESET RANGE LEAD IN STEPS OF 10' UP 1/8/44 CRV: CRV: P255451-501 NOV. 43

SA-9A/APG-4 AN/APG-4 RESTRICTED
 SWITCH: MOUNTED IN STANDARD "AN" METER CASE. INCLUDES TWO CONTROLS. ONE HAS SETTINGS FOR POWER OFF, 50, 75, 100, 150, 200 AND 300 FT. OTHER CONTROL IS A RANGE LEAD CONTROL CONTINUOUSLY VARIABLE. TO PRESET RANGE LEAD IN STEPS OF 10' UP 1/8/44 CRV: CRV: P255563-501 MAR. 44 M254117

SA-9A/APG-4
 TO 100' MARKED 0 TO 10.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|---|--------------------|-------------------------------|
| SA-11/APA-12 AN/APA-12 | | | SA-14/SPR-1 AN/SPR-1 | | | SA-18/A | | |
| SECTOR SCAN SWITCH: RESTRICTED CONSISTS OF THE GEAR MECHANISM FOR AZI-MUTH SELSYN AND A MULTIPLE CONTACT WAFER SWITCH FOR SECTOR SCAN. THE UNIT MOUNTS BETWEEN AZIMUTH SELSYN (FOR WHICH IT PROVIDES PROPER TURN RATIO) AND THE RING GEAR (TO WHICH IT IS MESHED) OF ANTENNA 9/21/43 CPR: NOV. 44 | | | RADIO FREQUENCY SWITCH: RESTRICTED CONSISTS OF A SPECIAL SWITCH TO OPERATE OVER RANGE OF 40 TO 3000 MC TO CONNECT RECEIVER TO ANY OF TWELVE SELECTED POSITIONS. USES TYPE M FITTINGS AND IS ABOUT 5 INCHES IN DIAMETER. 10/15/43 RRL:R2404 NOV. 44 | | | SWITCH. IDENTICAL TO SA-16/A EXCEPT FOR DIFFERENT SPRING TENSION TO GIVE A DIFFERENT ACCELERATION VALUE RELEASE. SA-18/A | | |
| SA-11/APA-12 | | | SA-15/APA-19 AN/APA-19 | | | SA-19/RPN-1A AN/RPN-1A | | |
| ASSEMBLY AS-5/APS-2. PROVIDES LIMIT CON-TACTS FOR SCANNING A SECTOR OF ANY INTE-GRAL MULTIPLE OF 30° UP TO A MAX OF 330° WHEN CONNECTED TO CONTROL UNIT C-68/APA-12 THROUGH RELAY RE-4/APA-12. THE CONTACTS ARE ORIENTED SUCH THAT THE SMALLEST FORWARD SCAN WILL BE ±30°. | | | SWITCH ASSEMBLY: RESTRICTED A TWO CONTACT MICROSWITCH OPERATED BY THE ROTATION OF ASSOCIATED ANTENNA ASST. OPERATING VOLTAGE LESS THAN 25 V DC. BARE SWITCH IS PHILCO PT. NO. 442-1004 ATTACHES TO ANTENNA ASSEMBLY AS-5/APS-2. *AS-17/APS. *AS-17A/APS, AS-18/APS, DR 11/2/43 CPR: NOV. 43 | | | ANTENNA DRIVE SWITCHING CONFIDENTIAL ASSEMBLY: CONSISTS OF (1) 2 GEAR BOXES, (2) CONNECTING SHAFT, (3) R-F SWITCH BLADES AND (4) TWO FLEXIBLE SHAFTS. ITS FUNCTION IS TO TRANSFER POWER FROM THE MOTORS TO THE PRECISION ANTENNAS & TO SWITCH THE "X" TRANSMITTER 1/5/44 CRK: JAN. 44 | | |
| SA-11A/APA-12 AN/APA-12A | | | SA-15/APA-19 | | | SA-19/RPN-1A | | |
| SECTOR SCAN SWITCH: RESTRICTED CONSISTS OF THE GEAR MECHANISM OF PROPER RATIO FOR DRIVING AZIMUTH SELSYN AND A MULTIPLE CONTACT WAFER SWITCH FROM THE RING GEAR OF AS-6/APS-2. PROVIDES LIMIT CONTACTS FOR USE WITH CONTROL UNIT C-68/APA-12 & RELAY UNIT RE-18/APA-12A 9/21/43 CAPP: SEPT. 44 | | | AS-18A/APS AND PROVIDES A BLANKING OF INDICATOR ID-3/APD-5 DURING 180° OF ANTENNA ROTATION. | | | POWER TO THE APPROPRIATE ANTENNA. DIMENSIONS: MOUNTING SPACE APPROXIMATELY 9" X 24" X 12" HIGH. SIMILAR TO BUT NOT INTERCHANGEABLE WITH A PORTION OF SWITCHING UNIT SA-8/RPN-1. | | |
| SA-11A/APA-12 | | | SA-16/A | | | SA-20/RPN-1A AN/RPN-1A | | |
| TO PERMIT SCANNING A SECTOR OF ANY INTEGRAL MULTIPLE OF 30° FROM 60° TO 330° IN WIDTH. SIMILAR TO SA-11/APA-12 EXCEPT FOR DIFFERENT MFG. & REPLACEABLE PARTS. | | | GENERAL USE IMPACT SWITCH SINGLE POLE SINGLE THROW NORMALLY OPEN. OPERATION UPON APPLICATION OF 5G IN HORIZONTAL PLANE. CONTACTS RATED 20 AMPS USED IN AIRCRAFT FOR TURNING ON A CIR-CUIT WHEN PLANE CRASHES. INCLUDES PRO-VISONS FOR MANUALLY ARMING & GUARDING 11/19/43 CFB: NOV. 43 | | | SWITCHING UNIT: CONSISTS OF A FOUR-SECTIONS, DISTRIBUTOR TYPE SWITCH WHICH IS CAM-OPERATED. IT PERFORMS THE FUNCTIONS OF INDICATOR BLANKING FOR BOTH AZIMUTH & ELEVATION INDICATOR & "X" BAND RECEIVER GAIN SWITCHING. THE ENTIRE ASSEMBLY IS 1/5/44 CRK: MAR. 44 | | |
| SA-12/APA-13 AN/APA-13 | | | SA-17/APS-18 AN/APS-18 | | | SA-20/RPN-1A | | |
| SECTOR SCAN SWITCH: RESTRICTED CONSISTS OF THE GEAR MECHANISM FOR AZI-MUTH SELSYN AND A MULTIPLE CONTACT WAFER SWITCH FOR SECTOR SCAN. THE UNIT MOUNTS BETWEEN AZIMUTH SELSYN (FOR WHICH IT PROVIDES PROPER TURN RATIO) AND THE RING GEAR (TO WHICH IT IS MESHED) OF ANTENNA 9/21/43 CPR: SEPT 43 | | | ANTENNA SWITCHING UNIT: CONFIDENTIAL RECEIVES THE RADIO FREQUENCY PULSES FROM THE RADAR TRANSMITTER T-41/APS-18 AND CONNECTS THEM ALTERNATELY TO PORT AND STARBOARD ANTENNA AND, WHILE CONNECTING THE RECEIVER TO THE ANTENNA SIMULTANE-ously WITH THE TRANSMITTER. SWITCHES 11/30/43 CADU: NOV. 43 | | | COVERED BY A REMOVABLE SHEET METAL COVER. DIMENSIONS: 9" X 5" DIA. USED WITH ANTENNA DRIVE SWITCHING ASSEMBLY SA-19/RPN-1A. CANCELLED 7/28/44 | | |
| SA-12/APA-13 | | | SA-17/APS-18 | | | SA-21/RPN-1A AN/RPN-1A | | |
| ASSEMBLY *AS-17/APS AND AS-18/APS. PRO-VIDES LIMIT CONTACTS FOR SCANNING A SEC-TOR OF ANY INTEGRAL MULTIPLE OF 30° UP TO A MAX OF 330° WHEN CONNECTED TO CON-TROL UNIT C-68/APA-12 THROUGH RELAY RE-5/APA-12. THE CONTACTS ARE ORIENTED SUCH THAT THE SMALLEST FORWARD SCAN WILL BE ±30°. | | | THE "ECHO" SIGNAL RECEIVED BY THE ANTENNA TO THE RECEIVER AND ALSO MAKES A GROUND CON-NECTION AT THE SAME TIME. POWER SUPPLY 115V/10/600-1400 CYCLES AT 0.17A (20W) FROM RELAY TRANSMITTING UNIT T-40/APS-18. SIMILAR TO NAVY TYPE CJP-14 AAC. | | | SWITCHING UNIT: PANEL AND SUB-PANEL CONSTRUCTION. IT CONTAINS TWO SINGLE-POLE DOUBLE-THROW VACUUM RELAYS, & A ROTARY WAFER SWITCH FOR SELECTING OPERATION OF THESE RELAYS. POWER INPUT: 24V. DC. THIS UNIT PROVIDES FOR OPERATION OF THE PRECISION CATHODE 1/5/44 CRK: JAN. 44 | | |
| SA-12A/APA-13 AN/APA-13A | | | SA-18/A | | | SA-21/RPN-1A | | |
| SECTOR SCAN SWITCH: RESTRICTED CONSISTS OF THE GEAR MECHANISM FOR DRIV-ING AZIMUTH SELSYN AND A MULTIPLE CON-TACT WAFER SWITCH FROM THE RING GEAR OF *AS-17/APS AND AS-18/APS. PROVIDES LIMIT CONTACTS FOR USE WITH CONTROL UNIT C-68/APA-12 AND RELAY UNIT RE-19/APA-13B 9/21/43 SEPT. 44 | | | GENERAL USE IMPACT SWITCH: SINGLE POLE, SINGLE THROW, NORMALLY OPEN. OPERATES UPON APPLICATION OF 8G VERTICALLY DOWNWARD. CONTACTS RATED AT 20 AMPERES. USED IN AIRCRAFT FOR TURNING ON A CIRCUIT WHEN PLANE CRASHES. PRO-VISONS FOR MANUALLY ARMING AND GUARDING 11/30/43 CFB: NOV. 43 | | | RAY TUBES ON ONE 4 KV. SUPPLY, & THE SEARCH TUBES ON THE OTHER, WITH PRO-VISION FOR PLACING ALL TUBES ON EITHER 4 KV. SUPPLY. DIMENSIONS 19" X 8 3/4" X 9". SIMILAR TO: RE-3/RPN-1. | | |
| SA-12A/APA-13 | | | SA-25/ART-2 AN/ART-2 | | | SA-25/ART-2 AN/ART-2 | | |
| TO PERMIT SCANNING A SECTOR OF ANY INTEGRAL MULTIPLE OF 30° FROM 60° TO 330° IN WIDTH. SIMILAR TO SA-12/APA-13 EXCEPT FOR DIFF. MFG. & REPLACEABLE PARTS. | | | SWITCH: SPST ON-OFF POWER SWITCH CONTAINED IN A SMALL METAL BOX APPROX. 3" X 3" X 4" CONNECTED TO THE TRANSMITTER BY A TWO WIRE SHIELDED CABLE BUT DOES NOT INCLUDE THE CABLE. 1/14/44 CRD: JAN. 44 | | | | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|--|--|--------------------|--|---|--------------------|--|
| SA-27/APA-24 | AN/APA-24 | RE 13A 862A | SA-34/AXT-2 | AN/AXT-2 | RESTRICTED | SA-44A/APR | | CONFIDENTIAL |
| <p>SELECTOR SWITCH: A DC CONTROL SWITCH USED TO OPERATE RELAY IN THE ANTENNA MOUNTING ASSEMBLY AS-20/APA-24 FOR PURPOSE OF SELECTING HORIZONTAL OR VERTICAL ANTENNA DIPOLES OF ANTENNA ASSEMBLY AS-24/APA-24.</p> <p>7/29/44 JAN. 44</p> | | | <p>REMOTE CONTROL BOX WITH CONNECTOR AN3102 16S-4P FOR ATTACHMENT TO CABLE. BOX HAS JACK TYPE SWITCH TO ENERGIZE RADIO TRANSMITTER T-61/AXT-2 WHEN PLUG IS REMOVED FROM JACK. RATED AT 28V DC. 1 AMP. DIMENSIONS OF BOX, 3 1/8" X 2 5/16" X 8/15/44 CFN: SEPT. 44 CRY:</p> | | | <p>RADIO FREQUENCY SWITCH: RADIO FREQUENCY SWITCH FOR SWITCHING THE RF CURRENT BETWEEN ANTENNA AND RECEIVER ON MILITARY AIRCRAFT. COVERS A FREQUENCY RANGE OF UP TO 3000 MC WITH LESS THAN 1.2:1 STANDING WAVE RATIO. CONSISTS OF SWITCH AND MOUNTING PLATE. SIZE: APPROX. 12/4/44 DEC. 44</p> | | |
| SA-28/APG | AN/APG-4 | RE-9509A | SA-34/AXT-2 | | 1 16/86" | SA-44A/APR | | CONFIDENTIAL |
| <p>ALTITUDE COMPENSATION SWITCH: AUTOMATICALLY CONTROLLED SWITCH LOCATED BETWEEN AN/APN-1 OR SIMILAR EQUIPMENT AND RADIO SET AN/APG-4 ETC. TRANSMITS ALTITUDE INFORMATION FROM AN/APN-1 TO AN/APG-4 IN THE RANGE OF 40 FT. TO 400 FT. ALTITUDE. CONSISTS OF 2/15/44 MAY 44</p> | | | | | | <p>3" DIA. INTERCHANGEABLE ELECTRICALLY AND MECHANICALLY WITH SA-44/APR AND SUPERSEDES IT. USED WITH ANTENNA OF AN/APR-1. AN/APA-17 AND OTHER MICROWAVE ANTENNA. SIMILAR TO RADIO FREQUENCY SWITCH SA-44/APR EXCEPT MAY BE USED OVER WIDER FREQ. RANGE.</p> | | |
| A PANEL & UNIT CONTAINING A SERVO MECHANISM & INDICATOR. A MULTIPLE POTENTIOMETER. A RANGE LEAD POTENTIOMETER. AN "ON-OFF" SWITCH. AND ASSOCIATED WIRING. SUPPLIED WITH AUXILIARY CABLE CONNECTOR. CLAMP & TWO RESISTORS FOR CONVERSION OF ASSOCIATED AN/APN-1 EQUIPMENT. OPERATES AT 26V DC. OBTAINS ITS POWER FROM AN/APN-1. MAY REPLACE SA-9/APG-4. | SA-29/APG | AN/APG-4 | SA-38/APA-32 | AN/APA-32 | CONFIDENTIAL | SA-56/SPR-1 | AN/SPR-1 | RESTRICTED |
| <p>SEARCH INTERCEPT CUM AIM TOGGLE SWITCH FOR CHANGING OPERATION OF AN/APG-6 OR AN/APG-6A FROM SEARCH INTERCEPT TO CUM AIMING.</p> <p>4/29/44 APR. 44</p> | | | <p>SEARCH INTERCEPT CUM AIM TOGGLE SWITCH FOR CHANGING OPERATION OF AN/APG-6 OR AN/APG-6A FROM SEARCH INTERCEPT TO CUM AIMING.</p> <p>4/29/44 APR. 44</p> | | | <p>CONSISTS OF A SPECIAL SWITCH TO OPERATE OVER RANGE OF 100 TO 1000 MC TO CONNECT RECEIVER TO ANY OF 4 SELECTED POSITIONS FOR PROPER ANTENNA SELECTION. USES TYPE N FITTINGS AND IS ABOUT 7 INCHES IN DIA. FIRST PROCURED FROM CAMFIELD MFG. CO. ON 11/16/44 RRL:H2404 NOV. 44 MODIFIED</p> | | |
| SA-29/AP | GENERAL USE | RESTRICTED | SA-39/AXS-1 | AN/AXS-1 | | SA-56/SPR-1 | | RESTRICTED |
| <p>SWITCH BOX: USED WITH NAVY MODEL ASD AND A1A RADAR EQUIPMENT TO PROVIDE INTERCONNECTION BETWEEN THE RADAR AND RADIO FREQUENCY TEST SET TS-13/AP. INCLU. TOGGLE SWITCHES TO PROVIDE CONTROLS FOR THE SPINNER AND SELECTION OF PLUS OR MINUS TRIGGER. 2/15/44 CUO:B-311-A CUO:4102 APR. 44</p> | | | <p>POWER PANEL: USED TO DISTRIBUTE 26V. DC & 110V/10/400-2400~ FROM EITHER ONE OF TWO OR BOTH POWER SOURCES TO VARIOUS RECTIFIER POWER UNITS OF AN/AXS-1 AND RECTIFIER POWER UNIT OF THE VIDEO TRANSMITTER SIMILAR TO PP-96/AXT-5. INCLUDES PROTECTIVE DEVICES 5/4/44 MAY 44</p> | | | <p>MXsr-78761-P.</p> | | |
| SA-31/APN | AN/APG-4 | CONFIDENTIAL | SA-39/AXS-1 | | AND A VOLTMETER. | SA-57/GMQ-5 | AN/GMQ-5 | CONFIDENTIAL |
| <p>REMOTE CONTROLLED SWITCH: REMOTE CONTROLLED LIMITED ALTITUDE COMPENSATION SWITCH UNIT WHICH CONTAINS TWO THREE LEVEL (DECK) TEN STEP SELECTOR SWITCHES USED FOR REMOTE FUNCTIONAL SWITCHING. OPERATES ON 13V DC. INCLUDES A RANGE LEAD CONTROL CONSISTING OF A 2/19/44 FEB. 44</p> | | | | | | <p>ANTENNA SWITCH UNIT: CONSISTS OF A ROTARY CAPACITY TYPE SWITCH AND A MECHANICAL SLIP RING SWITCH TO PROVIDE ALTERNATE COMPARISON OF TWO MAJOR RESPONSE LOBES OF ANTENNA ASSEMBLY AS-223/GMQ-5. POWER INPUT -150 V.A. FROM 115V./1 PHASE/60 CYCLES. IN OPERATION, 12/4/44 CFL: DEC. 44</p> | | |
| SA-31/APN | | 100,000 OHM POTENTIOMETER WITH A CIRCULAR ROTATING DISC CALIBRATED IN 10 FT. DIV. BETWEEN 0 TO 100 FT. APPROX. 12" X 8 3/4" X 3 3/8". WT. APPROX. 7 1/4 LBS. SIMILAR TO SA-6/APN EXCEPT OPERATED ON 13V DC INSTEAD OF 26 & OTHER ELECTRICAL CHANGES. SIMILAR TO SA-5/APN EXCEPT INCLUDES RANGE LEAD CONTROL AND LIMITED ALTITUDE COMPENSATION. | SA-42/MPN-1A | AN/MPN-1A, 1B | SWITCHING PANEL: A PANEL WHICH MOUNTS IN MOUNTING RACK MT-179/MPN-1A AND CONTAINS ON-OFF SWITCHES FOR POWER FOR ALL COMMUNICATION EQUIPMENT IN RADIO SET AN/MPN-1A & AN/MPN-1B. SIZE 19" X 6". WT. 5 LBS. | SA-57/GMQ-5 | | OUTPUT OF RECEIVER R-141/GMQ-5 IS COMPUTED BY MECHANICAL SLIP RING PORTION AND FED TO ANTENNA CONTROL UNIT C-213/GMQ-5 WHICH TOGETHER WITH ANTENNA DRIVE ASSEMBLY PU-73/GMQ-5 AUTOMATICALLY TRACKS AIRBORNE RECEIVER TRANSMITTER BT-81/AH DURING ITS FLIGHT. |
| SA-32/APN | AN/APN-1 | CONFIDENTIAL | SA-42/MPN-1A | | 5/19/44 CRR: MAY 44 | SA-57/GMQ-5 | | RESTRICTED |
| <p>REMOTE CONTROLLED SWITCH: REMOTE CONTROLLED LIMITED ALTITUDE COMPENSATION SWITCH UNIT WHICH CONTAINS TWO 3 LEVEL (DECK) TEN STEP SELECTOR SWITCHES USED FOR REMOTE FUNCTIONAL SWITCHING. OPERATES ON 26V DC. INCLUDES A RANGE LEAD CONTROL CONSISTING OF A 100,000 OHM 2/22/44 FEB. 44</p> | | | <p>CRR:AN92103-1</p> | | | <p>ALTITUDE SWITCH: ALTITUDE SWITCH - AN ANEROID SWITCH DESIGNED FOR ATTACHMENT TO AN ASSOCIATED AMPLIFIER CIRCUIT. THE SWITCH AUTOMATICALLY CONTROLS THE GAIN WITH RESPECT TO THE ALTITUDE AT WHICH THE ASSOCIATED AMPLIFIER IS OPERATING. CONSISTS OF A 11/30/44 NOV. 44</p> | | |
| SA-32/APN | | POTENTIOMETER WITH A CIRCULAR ROTATING DISC CALIBRATED IN 10 FT. DIV. BETWEEN 0 TO 100 FT. APPROX. 12" X 8 3/4" X 3 3/8" INCLUDING SHOCKTUNTS. WT. APPROX. 7 1/4 LBS. SIMILAR TO SA-6/APN EXCEPT INCLUDES LIMITED ALTITUDE COMPENSATION AND OTHER ELECTRICAL CHANGES. | SA-44/APR | GENERAL USE | CONFIDENTIAL | SA-59/A | | RESTRICTED |
| <p>POTENTIOMETER WITH A CIRCULAR ROTATING DISC CALIBRATED IN 10 FT. DIV. BETWEEN 0 TO 100 FT. APPROX. 12" X 8 3/4" X 3 3/8" INCLUDING SHOCKTUNTS. WT. APPROX. 7 1/4 LBS. SIMILAR TO SA-6/APN EXCEPT INCLUDES LIMITED ALTITUDE COMPENSATION AND OTHER ELECTRICAL CHANGES.</p> | | | <p>WAVE RATIO NOT GREATER THAN 1.3. USES TYPE N FITTINGS AND IS 5" IN DIA. SIMILAR TO SA-14/SPR-1 EXCEPT HAS 6 POSITION INSTEAD OF 12 AND IS OF LIGHTER CONSTRUCTION AND OPERATES IN DIFFERENT FREQ. RANGE.</p> | | | <p>LOADED BELLOWS OPERATING A MECHANICAL LINKAGE, WHICH IN TURN OPERATES THE MOVING ARM OF A 4 CONTACT SWITCH. THE SWITCH IS SO DESIGNED THAT THE MOVING ARM CHANGES CONTACTS AT ALTITUDES OF APPROX. 10,000, 20,000 AND 30,000 FT. SIZE: 2 3/4" X 1 5/8" X 1 7/8". WEIGHT: 3.5 OUNCES. USED WITH INTERPHONE AMPLIFIER AN-40/ATC.</p> | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

SA-61/FPN-1 AN/FPN-1
 SWITCHING-REGULATOR UNIT:
 UNIT IS OF WELDED STEEL CONSTRUCTION,
 WEATHER AND SPLASH PROOF. CONTAINS A
 GE TYPE AIRS VOLTAGE REGULATOR OR EQUAL,
 AND A 50 A MAGNETIC CONTACTOR WITH AN
 AUXILIARY RELAY FOR REMOTE OPERATION.
 PROVIDES FOR REMOTE CONTROL OF THE 117V
 12/20/44
 DEC. 44

SA-68/UPX GEN. USE
 SWITCH:
 FOUR POSITION ROTARY SWITCH TO TRANSFER
 CONTROL OF THE IFF SYSTEM TO ANY ONE OF
 FOUR LOCATIONS APPROPRIATELY MARKED ON
 THE FACE OF THE SWITCH.
 1/26/45
 JAN. 45

SM-3/APS-T3
 MOVEMENT OF AIRCRAFT SIMULATOR
SM-4/APS-T3. POWER SUPPLY: 115/10/60-

SA-61/FPN-1
 PRIMARY INPUT TO EQUIPMENT LOCATED IN
 BUILDING HOUSING THE PRECISION EQUIP-
 MENT. CONTROLS THE SUPPLY OF BOTH REGU-
 LATED AND UNREGULATED 117V POWER. SIZE
 24" X 36" X 60". INPUT 115/10/60-

**COMPONENT INDICATORS "SB"
 SWITCHBOARD**
 FIELD TELEPHONE, FIRE CONTROL

SM-4/APS-T3 AN/APS-T3 RESTRICTED
 AIRCRAFT SIMULATOR:
 UNIT CONTAINS MOTORS, SELSTYNS, POTENTIOM-
 METERS, GEARS WHICH PROVIDE FOR AZIMUTH
 ROTATION AND TILT OF REFLECTOR, AND
 CHANGE OF ALTITUDE FROM SIGNALS RECEIVED
 FROM ASSOCIATED RADAR SET AND FLIGHT
 CONTROL SIMULATOR SM-3/APS-T3. PRO-
 12/30/44
 MAR. 45

SA-62/FPN-1 AN/FPN-1
 SWITCHING-REGULATOR UNIT:
 UNIT IS OF WELDED STEEL CONSTRUCTION,
 WEATHER AND SPLASH PROOF. CONTAINS A
 G.E. TYPE AIRS VOLTAGE REGULATOR OR
 EQUAL AND A 100 A. MAGNETIC CONTACTOR
 WITH AN AUXILIARY RELAY FOR REMOTE OP-
 ERATION. SUITABLE INPUT AND OUTPUT CON-
 12/20/44
 DEC. 44

SB-7/MPN-1A AN/MPN-1A
 SEARCH COMMUNICATION PANEL: RESTRICTED
 PANEL AND SUBPANEL CONSTRUCTION. CONTAINS
 THE NECESSARY CIRCUITS TO PERMIT THE TWO
 SEARCH OPERATORS TO SELECT THE DESIRED
 COMMUNICATIONS CHANNEL & TO SELECT THE
 IFF CHANNEL. ALSO CONTAINS SWITCHES FOR
 SELECTING THE DESIRED STROBE MARKS & A
 1/5/44 CRR: CRR:
 JAN. 44

SM-4/APS-T3
 VIDES SUPPORT FOR CRYSTAL CARTRIDGE
 MX-395/APS-T3 AND REFLECTOR AT-98/APS-T3
 OR AT-99/APS-T3 OR AT-100/APS-T3.

SA-62/FPN-1
 SECTION TERMINAL STRIPS ARE PROVIDED.
 PROVIDES FOR REMOTE CONTROL OF THE 117V
 PRIMARY POWER INPUT TO THE EQUIPMENT
 WHICH IS LOCATED IN THE OPERATION
 HOUSE. CONTROLS THE SUPPLY OF BOTH RE-
 GULATED AND UNREGULATED 117V POWER.
 SIZE: 24" X 36" X 60". INPUT 115/10/60-

SB-7/MPN-1A
 SWITCH FOR SELECTING THE DESIRED TRIGGER
 FOR OPERATING THE SYSTEM. DIMENSIONS:
 19" X 10" X 4 3/4". SIMILAR TO BUT NOT
 INTERCHANGEABLE WITH INTERCOMMUNICATION
 PANEL SB-2/MPN-1.

SM-5/APS-6-T1 AN/APS-6-T1 CONFIDENTIAL
 TRAINER:
 LINK TRAINER ANT-18 MODIFIED FOR USE
 WITH AN/APS-6 EQUIPMENT. INCLUDES THE
 FOLLOWING: INSTRUMENT PANEL, TURBINE, PI
 LOT'S INTERPHONE, INDICATED AIR SPEED
 TRANSMITTER, ROUGH AIR UNIT, ALTITUDE
 TRANSMISSION UNIT MX-422/APS-6-T1, ATTI-
 1/24/45 CATY:
 JAN. 45

SA-63/FPN-1 CONFIDENTIAL
 SWITCHING PANEL:
 PANEL MOUNTS THE NECESSARY SWITCHING FOR
 REMOTELY CONTROLLING EQUIPMENT MOUNTED
 IN THE PRECISION SYSTEM TRANSMITTER RACK.
 DIMENSIONS: 8 1/2" X 19".

SB-8/MPN-1A AN/MPN-1A
 POWER DISTRIBUTION PANEL:
 A PANEL ONLY, MOUNTED BELOW THE SEARCH
 ANTENNA HOUSING ON AN ANGLE FRAME. IT
 CONTAINS THE MAIN ON-OFF SWITCH AND IN-
 DIVIDUAL SWITCHES FOR CONTROLLING POWER
 TO VARIOUS COMPONENTS. POWER INPUT 117
 VOLTS A.C. DIMENSIONS: 14" X 30".
 1/5/44 CRR:
 JAN. 44

SM-5/APS-6-T1
 TUDE CORRECTION UNIT CN-47/APS-6-T1 AND
 SERVO AMPLIFIER AM-98/APS-6-T1. FITS IN
 TO A SPACE 4' X 8' X 8".

12/22/44 CRR:
 DEC. 44

SA-66/UPA-5 AN/UPA-5
 SELECTOR SWITCH:
 40 POLE DOUBLE THROW, HAND OPERATED,
 ROTARY SWITCH SIMILAR TO NAVY TYPE 2JR20
 PER BUSHIPS DWG. 9000-S6202-73075. CON-
 TAINED IN A SEPARATE CASE. CAPABLE OF
 TRANSMITTING VIDEO AND SYNCHRONIZING
 PULSES WITHOUT EXCESSIVE DISTORTION.
 1/26/45
 JAN. 45

SB-8/MPN-1A
 SIMILAR TO: BUT NOT INTERCHANGEABLE WITH
 POWER DISTRIBUTION PANEL SB-1/MPN-1.

SM-6/APS-6-T1 AN/APS-6-T1 CONFIDENTIAL
 SIGNAL SIMULATOR:
 RECEIVES AZIMUTH ELEVATION AND SLANT
 RANGE AND ALTITUDE INFORMATION, CONVERTS
 THESE TO RADAR SIGNALS AND TRANSMITS
 THESE SIGNALS FOR PRESENTATION ON ASSO-
 CIATED UNITS OF AN/APS-6. ALSO CAPABLE OF
 GENERATING ARTIFICIAL NOISE THEREBY SIMU-
 1/29/45 CATY:
 JAN. 45

SA-67/UPX GEN. USE
 VIDEO SWITCHING UNIT: RESTRICTED
 PERMITS TRANSMISSION TO A REMOTE INDICA-
 TOR OF VIDEO SIGNALS FROM ASSOC. COORDI-
 NATOR OR FROM THE RADAR DISTRIBUTION
 SYSTEM AT OPTION OF THE OPERATOR. CON-
 SISTS OF 3 IDENTICAL CHANNELS (CONSIST-
 ING OF A SWITCHING ASSEMBLY AND CATHODE
 1/26/45
 JAN. 45

SIMULATORS "SM"
 FLIGHT, AIRCRAFT, TARGET, SIGNALS, ETC.

SM-6/APS-6-T1
 LATING ACTUALLY RECEIVED RADAR SIGNALS.
 SIZE APPROX: 21" X 16" X 30". INCLUDES
 ITS OWN MOUNTING.

SA-67/UPX
 FOLLOWER) WHICH MAY BE OPERATED INDEPEN-
 DENTLY OR SIMULTANEOUSLY WITH THREE
 INDICATORS. SIZE APPROX: 6" X 6" X 6".

SM-3/APS-T3 AN/APS-T3
 FLIGHT CONTROL SIMULATOR: RESTRICTED
 UNIT WHICH CONTAINS MOTOR, GEAR ASSEMB-
 LIES, AND CIRCUITS WHICH ACTIVATE AIR-
 CRAFT SIMULATOR SM-4/APS-T3. INDICATES
 AIRCRAFT COURSE AND SPEED AND WIND DIR-
 ECTION AND SPEED BY MEANS OF METERS AND
 DIALS. ALSO INCLUDES CONTROLS TO CONTROL
 12/30/44
 DEC. 44

SM-7/APS-6-T1 AN/APS-6-T1 CONFIDENTIAL
 TARGET SIMULATOR:
 A FOUR LEGGED CRAB ON WHICH IS MOUNTED
 A DRIVE MECHANISM AND ELEVATION ANGLE
 UNIT, RECEIVES DIFFERENTIAL ALTITUDE IN-
 FORMATION FROM ALTITUDE DIFFERENTIAL
 UNIT CM-5/APS-6-T1, COMBINES THIS INFOR-
 MATION WITH THE GROUND RANGE AND THEREBY
 1/29/45 CATY:
 JAN. 45

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|---|--|--------------------|-------------------------------|---|--------------------|-------------------------------|
| | | SM-7/APS-6-T1 PROVIDES SLANT RANGE FOR INDICATION ON INDICATOR UNIT ID-140/APS-6-T1. MEANS ARE PROVIDED FOR RECORDING MOVEMENT OF TARGET SIMULATOR ON TABLE TOP. | SM-16/APA-16-T1 AIRCRAFT SIMULATOR: SIMULATES PILOT'S COCKPIT OF A PLANE WITH PROVISION FOR FEEDING AZIMUTH INFORMATION TO THE BOMBER SIMULATOR SM-17/APA-16-T1 AND ALTITUDE INFORMATION TO REPEAT ALTIMETER LOCATED ON FRONT PANEL OF TABLE OF OPERATING ASSEMBLY 3/27/45 CAOM: #11 MAR. 45 | CONFIDENTIAL | | SM-18/MPN-1A PRECISION SYSTEM. POWER INPUT: -105V. DC. +500V DC. 117V. AC. DIMENSIONS 19" X 18 1/2" X 8 3/4" WT. APPROX. 18 LBS. SIMILAR TO SM-5/MPN-1 EXCEPT DOES NOT INCLUDE BLANKING CIRCUITS. MOR SWITCH FOR RECEIVER GAIN AND USES POTENTIOMETER CONTROL RATHER THAN ELECTRONIC FOR SWEEP CIRCUIT. | | |
| SM-8/APS-6-T1 AN/APS-6-T1 FIGHTER SIMULATOR: FIGHTER SIMULATOR - A THREE (3) LEGGED CRAB WHICH RECORDS THE MOVEMENTS OF THE FIGHTER PLANE CONTROLLED BY THE STUDENT PILOT. PROVIDED WITH AN INKING WHEEL 1/26/45 CATTY: JAN. 45 | | | SM-16/APA-16-T1 OA-17/APA-16-T1. CONTAINS A COMPASS, SIMULATED ALTIMETER AND RADAR SCOPE. INPUT POWER, 115V AC, 60 CYCLES AND 800 CYCLES. OBTAINED FROM JUNCTION BOX J-161/APA-16-T1. | | | SM-11/MPN-1A AN/MPN-1A SIGNAL MIXER UNIT: CONFIDENTIAL CHASSIS CONSTRUCTION. CONTAINS THE PROPER CIRCUITS FOR MIXING THE VIDEO SIGNAL FROM THE SEARCH RECEIVER WITH SIGNALS FROM AN EXTERNAL IFF SYSTEM & APPLYING THEM TO THE SEARCH CATHODE RAY TUBES OF THE SEARCH INDICATOR 1/5/44 CRR: JAN. 44 | | |
| SM-13/APA-16-T1 PULSE SIMULATOR: PROVIDES A TRIGGER PULSE FOR RADAR SET AN/APS-3 AND ALSO RECEIVES INFORMATION FROM TARGET SIMULATOR SM-15/APA-16-T1 AND BOMBER SIMULATOR SM-17/APA-16-T1 TO PLACE A TARGET ON SCOPE OF AN/APS-3. CONSISTS OF SWEEP TIMING CIRCUIT, RANGE 3/26/45 CAOM: #6 MAR. 45 | CONFIDENTIAL | | SM-17/APA-16-T1 BOMBER SIMULATOR: CONFIDENTIAL THREE-WHEELED CRAB USED TO SIMULATE THE HORIZONTAL MOTION OF A BOMBER ON A MODIFIED HOMING COURSE. CONSISTS OF A MODIFIED SELSYN OPERATED LINK RECORDING UNIT AS USED IN LINK CELESTIAL NAVIGATION TRAINER. INPUT: 115V., 60 CYCLES TO 800 3/27/45 CAOM: #3 MAR. 45 | | | SM-11/MPN-1A ID-54/MPN-1A. DIMENSIONS: 6" X 6" X 18". POWER INPUT 62V AC, 250V DC. | | |
| SM-13/APA-16-T1 DELAY CIRCUIT. DC COINCIDENCE CIRCUIT (POSITIONS BLIP ON SCOPE WITH RESPECT TO AZIMUTH). INPUT: 6.3V @ 10 AMPS, -150V @ .05 AMPS AND 300V AT .15 AMPS. SIZE: 13" X 17" X 5". SAME AS PULSE SIMULATOR SM-14/APA-16-T1 EXCEPT USED WITH AN/APS-3 INSTEAD OF AN/APS-4. | | | SM-17/APA-16-T1 CYCLES. FROM JUNCTION BOX J-161/APA-16-T1. | | | SM-12/APA-16 AN/APA-16 RANGE MARKER UNIT: CONFIDENTIAL SUPPLIES A PULSE TO THE RADAR INDICATOR WHICH IS USED FOR TRACKING A TARGET AND INDICATING THE BOMB RELEASE RANGE. INCLUDES MEANS FOR AUTOMATICALLY CLOSING AN AIRPLANE'S BOMB RELEASE CIRCUIT AT THE PROPER RELEASE POINT. POWER INPUT 2/21/44 CW:Y66172C CW:8XX412515 MAY 44 | | |
| SM-14/APA-16-T1 PULSE SIMULATOR: PROVIDES A TRIGGER PULSE FOR RADIO SET AN/APS-4 AND ALSO RECEIVES INFORMATION FROM TARGET SIMULATOR SM-15/APA-16-T1, AND BOMBER SIMULATOR SM-17/APA-16-T1 TO PLACE A TARGET ON THE AN/APS-4 SCOPE. CONSISTS OF A SWEEP TIMING CIRCUIT. 3/26/45 CAOM: #7 MAR. 45 | CONFIDENTIAL | | COMPONENT INDICATOR "SM" SYNCHRONIZER | | | SM-12/APA-16 115V. 400 TO 1800-. AT LESS THAN 200M. REQUIRES A TRIGGER PULSE OF 15 TO 30V FROM THE RADAR SET TO WHICH IT IS ATTACHED. MOUNTS ON MOUNTING BASE WT-208/APA-16. SIZE APPROX. 16 1/2" X 10 5/16" X 7 27/32" WT: 20 LBS. | | |
| SM-14/APA-16-T1 RANGE DELAY CIRCUIT & DC COINCIDENCE CIRCUIT. INPUT: 6.3V @ 10 AMPS, -150V @ .05 AMPS AND 300V @ .15 AMPS. SIMILAR TO PULSE SIMULATOR SM-13/APA-16-T1 EXCEPT IS USED WITH AN/APS-4 INSTEAD OF AN/APS-3. SIZE: 13" X 17" X 5". | | | SM-9/APA-5 AN/APA-5 SYNCHRONIZER: CONFIDENTIAL CONTAINS PRECISION RANGING CIRCUITS, SECTOR SCAN CONTROL, SWEEP CIRCUITS & VIDEO AMPLIFIER. FURNISHES VOLTAGES NECESSARY TO PRODUCE THE DISPLAY ON INDICATOR SCREEN. HAS POWER AND COAXIAL SOCKETS LOCATED ON FRONT PANEL. USES THE 12/28/43 CFN:300793-1 MAR. 45 | | | SM-15/AXS-1 AN/AXS-1 SYNCHRONIZING GENERATOR: CONFIDENTIAL USED TO FURNISH SYNCHRONIZING PULSES AND BLANKING PULSES TO AMPLIFIER-CONTROL UNIT C-138/AXS-1 AND CONVERSION UNIT PH-536/AXS-1 AND PH-537/AXS-1. POWER INPUT: 26V DC & 110V/1Ø/400-2400-. & 250 DC. FROM RECTIFIER POWER UNIT PP-99/AXS-1 5/4/44 MAY 44 | | |
| SM-15/APA-16-T1 TARGET SIMULATOR: SIMULATOR CONSISTS OF A CARRIAGE RUNNING ON A TRACK MOUNTED ALONG THE SIDE OF AND ABOVE GLASS-TOPPED TABLE. MOTOR, OPERATING PINION ON RACK, HAS CONTROL FOR SPEED FROM 0 TO 2" PER MIN. LIGHT SHOWS ON CARRIAGE-MOUNTED TARGET TO SHOW AC- 3/27/45 CAOM: #2 MAR. 45 | | | SM-9/APA-5 FOLLOWING TUBES: 10 JAN-6AG5, 25 JAN-6C4, 2 JAN-6AK5, 1 JAN-6H6, 2 JAN 6SL7GT AND 2 JAN-2050. SIZE APPROX. 21 5/8" X 12 3/4" X 10 3/8". WEIGHT APPROX. 32 LBS. PART OF INDICATOR EQUIPMENT AN/APA-5. | | | SM-22/APS-20 AN/APS-20 CONFIDENTIAL SYNCHRONIZER: SYNCHRONIZER - GENERATES A BASIC TIMING PULSE FOR THE RADAR FUNCTIONS AND PROVIDES TRIGGERS TO THE MODULATOR AND AN ASSOCIATED IFF INTERROGATOR RESPONDER. IT FURNISHES A SIGNAL FOR TRANSMISSION TO A REMOTE STATION WHICH CONVEYS 11/23/44 CAEV: DEC. 44A | | |
| SM-15/APA-16-T1 CURACY OF AIM. INPUT: 115VAC/60 CYCLES. SIZE OF CARRIAGE, 8" X 10" X 7". WT: 10 LBS. | | | SM-10/MPN-1A AN/MPN-1A SYNCHRONIZER: CONFIDENTIAL MASTER CONTROL UNIT OF PANEL AND CHASSIS CONSTRUCTION. CONTAINS THE CIRCUITS FOR GENERATING THE BASIC REPETITION FREQUENCY, AND FOR GENERATING THE TRIGGERS WHICH OPERATE THE MODULATOR RECEIVER, SWEEP AMPLIFIERS AND RANGE MARKS FOR THE 1/5/44 CRR: AR96254-1 JAN. 44 | | | SM-22/APS-20 AZIMUTH POSITION OF ANTENNA, RADAR AND IFF VIDEO SIGNALS AND SYNCHRONIZING PULSES. INPUTS ARE: 120 VOLTS, 400 CYCLES AC; 28 VOLT DC AND VARIOUS OPERATING TRIGGERS, SYNCHRO AND VIDEO SIGNALS FROM ASSOCIATED UNITS. DIMENSIONS: 9 1/8" X 17" X 21". WT.: 90 LBS. | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|--------------------|-------------------------------|---|--------------------|-------------------------------|---|--------------------|-------------------------------|
| SN-22A/APS-20 AN/APS-20A | | CONFIDENTIAL | SN-36/APS-31 AN/APS-31 | | CONFIDENTIAL | T-1A/CRT-1 | | |
| SYNCHRONIZER: SYNCHRONIZER - GENERATES A BASIC TIMING PULSE FOR THE RADAR FUNCTIONS AND PROVIDES TRIGGERS TO THE MODULATOR AND AN ASSOCIATED IFF INTERROGATOR RESPONDER. IT FURNISHES A SIGNAL FOR TRANSMISSION TO A REMOTE STATION WHICH CONVEYS | APR. 45A | 948A | SYNCHRONIZER: ACCEPTS VARIOUS EXTERNAL MARKERS. 115/1/380-1600, 27.5 VOLTS DC. PROVIDES RANGE MARKERS, AMPLIFIED EXTERNAL MARKERS, SWEEP VOLTAGE OUTPUTS, TRIGGER FOR A MODULATOR, 115/1/380-1600, 27.5 VOLTS DC. AND 0-130/1/380-1600 WHEN VARIABLE AUTO- | APR. 45A | 948A | APPROPRIATELY COLOR CODED. HOWEVER, WITH PROPER TEST EQUIPMENT, THE FREQUENCY MAY BE RESET IN THE FIELD TO ANY VALUE WITHIN THE RANGE OF 67 TO 72MC. THE EQUIPMENT PROVIDES .08 WATT FREQUENCY MODULATED (±75KC.) CARRIER OUTPUT. SIMILAR TO RADIO TRANSMITTER T-1/CRT-1 EXCEPT IS FOUR INCHES SHORTER. | | |
| 4/14/45 CC: | | | 4/4/45 CPR: | | CPR:51.0-1546 | | | |
| SN-22A/APS-20 | | | SN-36/APS-31 | | | T-1B/CRT-1 AN/CRT-1B | | |
| AZIMUTH POSITION OF ANTENNA, RADAR AND IFF VIDEO SIGNALS AND SYNCHRONIZING PULSES. INPUTS ARE: 120 VOLTS, 400 CYCLES AC; 28 VOLT DC AND VARIOUS OPERATING TRIGGERS, SYNCHRO AND VIDEO SIGNALS FROM ASSOCIATED UNITS. DIMENSIONS: 9 1/8" X 17" X 21". WT.: 90 LBS. SAME AS SN-22/APS-20 EXCEPT INCLUDES INTERNAL AC BLOWER. | | | TRANSFORMER TF-106/U IS CONNECTED. INCLUDES LINE FUSES FOR AN/APS-30 TO AN/APS-34 EQUIPMENTS. INCLUSIVE. SIZE: APPROX. 21 3/4 X 10 13/16 X 10 17/32. SAME AS SIZE B2D ATR CASE. WT: APPROX. 33 1/2 LBS. | | | RADIO TRANSMITTER: CONFIDENTIAL TRANSMITTER CONSISTS OF TRANSMITTER PROPER HOUSED IN WATERPROOF SHELL. AN ANTENNA, A PARACHUTE, AND A HYDROPHONE WITH ASSOCIATED CABLE. THE TRANSMITTER IS PRESET AT THE FACTORY TO ANY ONE OF TWELVE SPECIFIED FREQUENCIES & IS THEN | | |
| | | | | | | 7/30/43 CFF: | | |
| | | | | | | SEPT. 44 CEX: | | |
| SN-23/FPN-1 AN/FPN-1 | | CONFIDENTIAL | SN-37/APS-4A AN/APS-4A | | CONFIDENTIAL | T-1C/CRT-1 | | |
| SYNCHRONIZER UNIT IS OF PANEL AND CHASSIS CONSTRUCTION. CONTAINS THE CIRCUITS FOR GENERATING THE BASIC REPETITION FREQUENCY AND FOR GENERATING THE TRIGGERS WHICH OPERATE THE MODULATOR, RECEIVER, SWEEP AMPLIFIERS AND RANGE MARKS FOR THE PRECISION | DEC. 44 | | RANGE UNIT: ALUMINUM CHASSIS MOUNTING ELECTRONIC COMPONENTS. CONTAINS CIRCUITS FOR VIDEO SIGNAL AMPLIFYING AND LIMITING. GENERATING RANGE MARKS AND MIXING THEM WITH VIDEO SIGNALS. ALSO CONTAINS SWEEP GENERATOR AND "DOUBLE DOT" CIRCUIT TO SUP- | MAY 45A | 948A | APPROPRIATELY COLOR CODED. HOWEVER, WITH PROPER TEST EQUIPMENT, THE FREQUENCY MAY BE RESET IN THE FIELD TO ANY VALUE WITHIN THE RANGE OF 62 TO 72 MC. THE EQUIPMENT PROVIDES .08 WATT FREQUENCY MODULATED (±75KC.) CARRIER OUTPUT. SIMILAR TO RADIO TRANSMITTER T-1/CRT AND T-1A/CRT-1. | | |
| 12/27/44 | | | 4/28/45 CW: | | | | | |
| | | | | | | | | |
| SN-23/FPN-1 | | | SN-37/APS-4A | | | T-4/FRC AN/FRT-1 | | |
| SYSTEM. POWER INPUT: -105V DC, + 300V DC AND 115V AC. DIMENSIONS: 19" X 8 3/4" X 18 1/2". SIMILAR TO SN-10/HPN-1A EXCEPT BLOCKING OSCILLATOR IS BIASED SO AS TO REQUIRE EXTERNAL TRIGGERING AND A STAGE OF INPUT TRIGGER AMPLIFICATION IS ALSO ADDED. | | | PLY TARGET ELEVATION INFORMATION WHEN ON INTERCEPT OPERATION. INPUT: 6.5V AC, -150V AC, 150V DC 24V DC AND VIDEO SIGNALS. SIZE: 12" X 8" X 3". MOUNTS IN AND IS PART OF TRANSMITTER RECEIVER | | | RT-104/APS-4A. | | |
| | | | | | | | | |
| | | | | | | | | |
| SN-34/APA-5A AN/APA-5A | | CONFIDENTIAL | COMPONENT INDICATOR "T" RADIO TRANSMITTER | | | WHICH ALSO | | |
| SYNCHRONIZER: CONTAINS PRECISION RANGING CIRCUITS. SECTOR SCAN CONTROL, SWEEP CIRCUITS & VIDEO AMPLIFIER. FURNISHES VOLTAGES NECESSARY TO PRODUCE THE DISPLAY ON INDICATOR SCREEN. HAS POWER AND COAXIAL SOCKETS LOCATED ON FRONT PANEL. USES THE | MAR. 45 | | RANGE, MARKER BEACON, INTERROGATOR (MAY INCLUDE INTEGRAL ANTENNA) | | | T-4/FRC | | |
| 2/24/45 | | | | | | OPERATES FORCED VENTILATION. HOUSED IN DUSTPROOF CABINET 12" WIDE BY 30" DEEP BY 60" HIGH WITH ROLLING CHASSIS AND CONCEALED PANEL. | | |
| | | | | | | | | |
| SN-34/APA-5A | | | T-1/CRT-1 AN/CRT-1 | | CONFIDENTIAL | T-5/FRC AN/FRT-1 | | |
| FOLLOWING TUBES: 10 JAN-6AG5, 25 JAN-6C4, 2 JAN-6AK5, 1 JAN-6H6, 2 JAN-6SL7GT AND 2 JAN-2050. SIZE APPROX. 21 5/8" X 12 3/4" X 10 3/8". WEIGHT APPROX. 32 LBS. PART OF INDICATOR EQUIPMENT AN/APA-5A. SIMILAR TO SN-9/APA-5 EXCEPT FOR CIRCUIT CHANGES, NOT INTERCHANGEABLE. | | | RADIO TRANSMITTER: TRANSMITTER CONSISTS OF TRANSMITTER PROPER HOUSED IN A WATERPROOF SHELL. AN ANTENNA, A PARACHUTE, AND A HYDROPHONE WITH ASSOCIATED CABLE. THE TRANSMITTER IS PRESET AT THE FACTORY TO ANY ONE OF SIX SPECIFIED FREQUENCIES & IS THEN | | | 1/16/43 CFF: | | |
| | | | 1/16/43 CFF: | | | 12/22/43 CKV: | | |
| | | | SEPT. 44ACEX: | | | CKV:MI-07168 | | |
| | | | | | | JUN. 44 | | |
| CANCELLED - NEVER USED 3/7/45 | | | | | | | | |
| SN-35/APS-19 AN/APS-19 | | 948A | T-1A/CRT-1 AN/CRT-1A | | CONFIDENTIAL | T-8/CPN-3 AN/CPN-3 | | |
| SYNCHRONIZER-POWER UNIT: CONSISTS OF THE NECESSARY TRIGGER PEAKING CIRCUITS, GATING, INTENSIFYING, AND DELAY CIRCUITS, SWEEP CIRCUITS AND POWER SUPPLIES WITH SUITABLE VOLTAGE REGULATORS AND FILTERS. INPUT VOLTAGE: 115V 800 CYCLES @ 650 WATTS; 27V DC @ 16.2 | 3/23/45 CS: | | RADIO TRANSMITTER: TRANSMITTER CONSISTS OF TRANSMITTER PROPER HOUSED IN A WATERPROOF SHELL. AN ANTENNA, A PARACHUTE, AND A HYDROPHONE WITH ASSOCIATED CABLE. THE TRANSMITTER IS PRESET AT THE FACTORY TO ANY ONE OF SIX SPECIFIED FREQUENCIES & IS THEN | | | 4/9/43 CPR:358-4455 | | |
| MAR. 45A | | | 7/30/43 CFF: | | | SEPT 43 | | |
| | | | SEPT. 44 CEX: | | | | | |
| SN-35/APS-19 | | | | | | | | |
| WATTS. DIMENSIONS: 27 1/4" X 11 3/16" X 8 1/8". WT: 46 LBS. MOUNTS ON | | | | | | | | |
| MT-438/APS-19. | | | | | | | | |

ASSIGNED
ISSUED

ASSIGNED
ISSUED

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|------|----------------------------|-------------------------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|------|----------------------------|-------------------------------|------|----------------------------|-------------------------------|

Army-Navy Designations

4-139

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

T-8/CPN-3
WHICH INCLUDES AN AUTO TRANSFORMER.

T-17/ARC-5 AN/ARC-5
RADIO TRANSMITTER: RESTRICTED
FREQ RANGE: 1.3 TO 2.1 MC; EMISSION AT A1, A2, A3 RESPECTIVELY; PLATE AND SCREEN MODULATED. FOR OPERATION WITH MD-7/ARC-5 & 28V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACKS (TRANS) MT-69/ARC-5 ETC. OF AN/ARC-5 EQUIPMENT. 7/1/43 CBY:9317
JAN. 444

T-21/ARC-5
OF AN/ARC-5 EQUIPMENT.

T-9/APQ-2 AN/APQ-2
RADIO TRANSMITTER CONFIDENTIAL
APPROXIMATELY 15 WATTS OUTPUT; POWER INPUT 450 WATTS WHICH INCLUDES .35 A AT 115 V AC & 1.2A @ 26 V DC IN ADDITION TO THAT SUPPLIED BY PP-4/APQ-2. FREQUENCY RANGE: 200 TO 550 MC. CONTAINED IN SINGLE "ATR" CHASSIS & COVER. FITS 4/13/43 CGM:
OCT. 43

T-18/ARC-5 AN/ARC-5
RADIO TRANSMITTER: RESTRICTED
FREQ RANGE: 2.1 TO 3.0 MC; 16, 7, 5 EMISSION AT A1, A2, A3 RESPECTIVELY; PLATE AND SCREEN MODULATED. FOR OPERATION WITH MODULATOR MD-7/ARC-5 AND 28 V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACKS (TRANS) MT-69/ARC-5 ETC. OF 7/1/43 CBY:9308
JAN. 44

T-22/ARC-5 AN/ARC-5
RADIO TRANSMITTER: RESTRICTED
FREQ RANGE: 7.0 TO 9.1 MC; 39, 20, 13 EMISSION AT A1, A2, A3 RESPECTIVELY; PLATE AND SCREEN MODULATED. FOR OPERATION WITH MODULATOR MD-7/ARC-5 AND 28 V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACKS (TRANS) MT-69/ARC-5 ETC. 7/1/43 CBY:9312
JAN. 44

T-9/APQ-2
MOUNTING BASE *MT-52/UR, MT-23/A, OR MOUNTING FT-387-A.

T-18/ARC-5
AN/ARC-5 EQUIPMENT.

T-22/ARC-5
OF AN/ARC-5 EQUIPMENT.

T-14A/TRC-1 AN/TRC-1A RESTRICTED
RADIO TRANSMITTER: FREQ. SPEC. 271-3010 MOD. TRANSMITTER, CRYSTAL CONTROLLED ON ANY SINGLE PRESET FREQ. IN BAND OF 70 TO 100 MC. WITH 200 KC. SEPARATION. FREQ. CHANGE ACCOMPLISHED BY CHANGING CRYSTAL & REALIGNING. AUDIO BAND WIDTH 200 TO 3000 ~ FOR SYSTEM CONTROL, & 200 TO 1/2/43
JUN. 44

T-19/ARC-5 AN/ARC-5
RADIO TRANSMITTER: RESTRICTED
FREQ RANGE: 3.0 TO 4.0 MC; 24, 11, 6 EMISSION AT A1, A2, A3 RESPECTIVELY; PLATE AND SCREEN MODULATED. FOR OPERATION WITH MODULATOR MD-7/ARC-5 AND 28 V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACKS (TRANS) MT-69/ARC-5 ETC. 7/1/43 CBY:9309
JAN. 44

T-23/ARC-5 AN/ARC-5
RADIO TRANSMITTER: RESTRICTED
FREQ RANGE: 100 TO 156 MC. FOUR CRYSTAL CONTROL CHANNELS; 6 WATTS EMISSION AT A2, A3; PLATE AND SCREEN MODULATED. FOR OPERATION WITH MODULATOR MD-7/ARC-5 AND 28 V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACK (TRANS) MT-69/ARC-5 ETC. OF 7/1/43 CBY:
JAN. 44 CW:

12.000 ~ FOR OPERATION T-14A/TRC-1
SELECTED BY PANEL SWITCH. OPERATES FROM 115/250 VOLTS 60 ~ SOURCE OF SUPPLY. CONTAINS ALL TRANSFORMERS, FILTERS, TUBES, RECTIFIERS, NECESSARY TO CONVERT THE PRIMARY POWER SUPPLY TO NECESSARY OPERATING VOLTAGES. MAY BE USED IN MULTI-CHANNEL OF TWO WAY PUSH-TO-TALK RADIO LINK CIRCUIT. POWER OUTPUT 10 WATTS OR 50 WATTS BY FRONT PANEL SWITCHING.

T-19/ARC-5
OF AN/ARC-5 EQUIPMENT.

T-23/ARC-5
AN/ARC-5 EQUIPMENT. SAME AS BC-950-A(121) EXCEPT MODULATOR TUBE TO ASSOCIATED CIRCUITS REMOVED.

T-15/ARC-5 AN/ARC-5
RADIO TRANSMITTER: RESTRICTED
FREQ RANGE: 0.5 TO 0.8 MC; EMISSION AT A1, A2, A3 RESPECTIVELY; PLATE & SCREEN MODULATED. FOR OPERATION WITH MODULATOR MD-7/ARC-5 & 28 V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACKS (TRANS) MT-69/ARC-5 ETC. OF AN/ARC-5 EQUIPMENT. 7/1/43 CBY:9315
JAN. 444

T-20/ARC-5 AN/ARC-5
RADIO TRANSMITTER: RESTRICTED
FREQ RANGE: 4 TO 5.3 MC; 31, 16, 10 EMISSION AT A1, A2, A3 RESPECTIVELY; PLATE AND SCREEN MODULATED. FOR OPERATION WITH MODULATOR MD-7/ARC-5 AND 28 V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACKS (TRANS) MT-69/ARC-5 ETC. 7/1/43 CBY:9310
JAN. 44

T-24/ARW-3 AN/ARW-3
RADIO TRANSMITTER: CONFIDENTIAL
FREQ MODULATION TRANSMITTER: FREQ RANGE, 30-42MC - FREQ MODULATION, ±15KC - OUTPUT, 25 WATTS - INPUT, 250 WATTS, 24-29 V DC - EMPLOYS TEN MODULATION FREQUENCIES FROM 300 TO 10,000 CY. SO SPACED AS NOT TO INTERFERE WITH EACH OTHER, TO CONTROL 7/9/43 CFL:
DEC. 44

T-16/ARC-5 AN/ARC-5
RADIO TRANSMITTER: RESTRICTED
FREQ RANGE: 0.8 TO 1.3 MC; EMISSION AT A1, A2, A3 RESPECTIVELY; PLATE AND SCREEN MODULATED. FOR OPERATION WITH MODULATOR MD-7/ARC-5 AND 28 V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACKS (TRANS) MT-69/ARC-5 ETC. OF AN/ARC-5 7/1/43 CBY:9316
JAN. 44

T-20/ARC-5
OF AN/ARC-5 EQUIPMENT.

TEN CHANNELS - EACH T-24/ARW-3
CHANNEL CONTROLS A RELAY IN THE RECEIVER R-32/ARW-2 OR R-33/ARW-2 WHICH WILL CLOSE ONE CIRCUIT & SAFELY CARRY 1 AMP AT 30 V DC - A MAXIMUM OF THREE CHANNELS MAY BE EMPLOYED AT A TIME - TRANSMITTER MAY BE USED WITH AMPLIFIER AM-10/ARW-3 WHEN ADDITIONAL POWER IS REQUIRED - FITS MOUNTING BASE MT-52/UR.

EQUIPMENT. T-16/ARC-5

T-21/ARC-5 AN/ARC-5
RADIO TRANSMITTER: RESTRICTED
FREQ RANGE: 5.3 TO 7.0 MC; 36, 18, 11 EMISSION AT A1, A2, A3 RESPECTIVELY; PLATE AND SCREEN MODULATED. FOR OPERATION WITH MODULATOR MD-7/ARC-5 AND 28 V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACKS (TRANS) MT-69/ARC-5 ETC. 7/1/43 CBY:9311
JAN. 44

T-26/APT-2 AN/APT-2
RADAR TRANSMITTER: RESTRICTED
RADIATES 5 WATTS OF RADIO FREQUENCY ENERGY WHICH IS AMPLITUDE MODULATED BY NOISE. SIDE BAND EXTENDS AT LEAST 3 MC ON EITHER SIDE OF THE CARRIER FREQUENCY, WHICH COVERS THE FREQUENCY RANGE OF 500 TO 700 MC. INPUT: 250 WATTS 8/19/43 CGM:
JAN. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

T-26/APT-2
 AT 80 OR 115/1/400-2600 & 30 WATTS AT 26V DC. SAME AS SIGNAL CORPS TYPE BC-1017-A EXCEPT INCLUDES MODULATION SWITCH. FITS MOUNTING FT-387-A OR MOUNTING BASE RMT-52/UR.

T-27/APT-3 AN/APT-3
 RADAR TRANSMITTER: RESTRICTED
 RADIATES 10 WATTS OF RADIO FREQUENCY ENERGY WHICH IS AMPLITUDE MODULATED BY NOISE. SIDE BAND EXTENDS AT LEAST 3 MC ON EITHER SIDE OF THE CARRIER FREQUENCY, WHICH COVERS THE FREQUENCY RANGE OF 85 TO 135 MC. INPUT: 250 WATTS AT 8/19/43 CGM;
 JUN. 44

T-27/APT-3
 80 OR 115/1/400-2600 AND 24V DC. SIMILAR TO SIGNAL CORPS TYPE BC-1237-A EXCEPT INCLUDES MODULATION SWITCH. FITS MOUNTING FT-387-A OR MOUNTING BASE RMT-52/UR.

T-28/APT-1 AN/APT-1
 RADAR TRANSMITTER: CONFIDENTIAL
 RADIATES 30 WATTS OF RADIO FREQUENCY ENERGY OVER A BAND ADJUSTABLE (BY LABORATORY METHODS) TO WIDTHS UP TO 6 MC. THE NOMINAL FREQUENCY COVERS THE RANGE OF 95 TO 220 MC. FITS MOUNTING FT-387-A OR MOUNTING BASE RMT-52/UR. INPUT 80 OR 8/20/43 CGM;
 JUN. 44

T-28/APT-1
 115V/1φ/400 TO 2600~ AND 24V DC.

T-32/ARW-11 AIRBORNE
 RADIO TRANSMITTER: CONFIDENTIAL
 PULSED FREQ MODULATION TRANSMITTER: FREQ RANGE - 625-675 MC MODULATION-PULSE FREQ MODULATION OF 50,000 ±5,000 CYCLES. OUTPUT -40 W. AVERAGE POWER. DUTY CYCLE - 15 TO 1. INPUT - 400 W 115-150 V. 800-2400 CYCLES, 100 W, 24-29 VOLTS DC. EM-11/12/43 CG:DL4H444
 MAY.44

T-32/ARW-11
 PLOYS TEN AUDIO MODULATION FREQS. BETWEEN 300 & 6230- SO SPACED AS NOT TO INTERFERE WITH EACH OTHER. TO CONTROL TEN CHANNELS - EACH CHANNEL CONTROLS A-RELAY IN THE RECEIVER R-51/ARW-12 WHICH WILL CLOSE ONE CIRCUIT AND SAFELY CARRY 3 AMPS. AT 30 VOLTS DC. A MAXIMUM OF THREE CHANNELS MAY BE EMPLOYED AT ANY ONE TIME. SIZE 15 1/2"X 19 1/2" X 10 1/2" WT. APPROX. 100 LBS.

T-39/APQ-9 AN/APQ-9
 RADAR TRANSMITTER: CONFIDENTIAL
 THE TRANSMITTER CONSISTS OF A HIGH FREQUENCY OSCILLATOR, MODULATED BY THE OUTPUT OF AN ELECTRONIC NOISE SOURCE AND ASSOCIATED VIDEO AMPLIFIER; OCCUPIES 1 ATR UNIT. THE R-F OUTPUT IS 15-25 WATTS FROM 475-585 MC. THE TRANSMITTER HAS AN 11/26/43 CGM;
 DEC. 43

T-39/APQ-9
 ON-OFF SWITCH. WHICH CONTROLS THE POWER INPUT TO RECTIFIER POWER UNIT PP-51/APQ-9 AND ALSO CONTROLS 30 WATTS, 28 VOLTS D-C FOR THE TRANSMITTER'S BLOWER MOTOR.

T-40/APS-18 AN/APS-18
 RELAY TRANSMITTING UNIT CONFIDENTIAL
 TRANSMITS BY RADIO THE INTELLIGENCE RECEIVED BY THE RADAR RECEIVER R-52/APS-18 IN ADDITION TO ORIENTATION PULSES FOR STARBOARD AND PORT INDICATION CONTROLLED BY MEANS OF ANTENNA SWITCHING UNIT SA-17/APS-18 AND A SWEEP SYNCHRONIZATION 11/30/43 CADU;
 NOV. 43

T-40/APS-18
 PULSE CONTROLLED BY T-41/APS-18. INPUT: 275W AT 115V/1φ/800-1400 CYCLE AND 1A. AT 26V DC. OUTPUT DC AND AC FOR R-52/APS-18. 17.5V DC AND CONTROLS THE AC POWER TO T-41/APS-18 AND ALSO CONTROLS POWER TO SA-17/APS-18.

T-41/APS-18 AN/APS-18
 RADAR TRANSMITTER: CONFIDENTIAL
 CONTAINS A RECTIFIER CIRCUIT FOR PRODUCING THE H.V. NECESSARY FOR OPERATING THE TUBES WHICH PRODUCE RF PULSES IN THE 500 MC. RANGE WITH REPEATING FREQ. OF 400 CPS AND LENGTH OF 2 MICROSECS. A POSITIVE DC PULSE IN SYNCHRONISM WITH 11/30/43 CADU;
 NOV. 43

T-41/APS-18
 THE RADAR PULSES IS PRESENT FOR SYNCHRONIZATION OF THE RANGE INDICATOR ID-45/ARR-9. INPUT 1.7A AT 115V/1φ/600-1400 CYCLES AND 17.5V DC AT 100 MA FROM T-40/APS-18.

T-42/UPT-T1 AN/UPT-T1
 TRANSMITTER-MODULATOR CONFIDENTIAL
 UNIT: USED TO TRAIN PERSONNEL IN CHARACTER AND APPEARANCE OF RADAR INTERFERENCE. 5-WATT EQUIPMENT OPERATING IN FREQUENCY RANGE OF 500 TO 700 MC. SIMILAR TO T-26/APT-2 EXCEPT POWER SUPPLY HAS BEEN REMOVED AND REPLACED BY A 11/30/43 CUO;
 NOV. 43

T-42/UPT-T1
 MODULATOR WHICH GENERATES SINE WAVE AND NOISE TYPE OF INTERFERENCE IN ADDITION TO THE PULSE TYPE MODULATION ALREADY PROVIDED. SIZE: ONE B-1 STANDARD "ATR" RACK APPROX. 19 9/16" X 10 1/8" X 7 5/8".

T-47/ART-13 AN/ART-13
 RADIO TRANSMITTER: RESTRICTED
 INCLUDES AUTOMATIC FREQUENCY CHANGE SYSTEM PERMITTING TRANSMISSION ON ANY ONE OF 10 PRESET FREQUENCIES. IN RANGE OF 2000-18,100KC PROVISION FOR AN 11TH PRESET FREQUENCY IS MADE WHEN LOW FREQ. OSC. IS USED. CW, MCW AND VOICE MODULATED 12/7/43 COL:
 AUG. 44

T-47/ART-13
 TYPES OF EMISSION. AUDIO SYSTEM IS CAPABLE OF MODULATING CARRIER (100 WATTS NOMINAL) AT LEAST 90% FOR MCW OR VOICE. INPUT: 16 MILLIVOLTS FOR DYNAMIC TYPE MICROPHONE. 1.45 VOLTS FOR CARBON MICROPHONE. OUTPUT: 10 WATTS AT 200KC TO 90 WATTS AT 13,500KC. ALSO INCLUDES CRYSTAL CALIBRATOR. DIMENSIONS: 10 3/4" X 13 1/4" X 23 9/16 WEIGHT 66.0 LBS. NAVY TYPE -52286.

T-47A/ART-13 AN/ART-13
 RADIO TRANSMITTER: RESTRICTED
 INCLUDES AUTOMATIC FREQ. CHANGE SYSTEM PERMITTING TRANSMISSION ON ANY ONE OF 10 PRESET FREQUENCIES IN THE RANGE OF 2000 TO 18,100 KC. PROVISION FOR AN 11TH PRESET FREQ. IS MADE WHEN LOW FREQ. OSCILLATOR IS USED. CW, MCW, & VOICE MODULATED 2/17/44
 FEB. 44

T-47A/ART-13
 ED TYPES OF EMISSION. CAPABLE OF MODULATING CARRIER (100 WATTS NOMINAL) AT LEAST 90% FOR MCW, OR VOICE EMISSION. INPUT 16 MILLIVOLTS FOR CARBON MICROPHONE. 100 WATTS NOMINAL OUTPUT. DIMENSIONS: : 10 3/4" X 12 3/4" X 23 9/16". WT. 66 LBS. SAME AS T-47/ART-13 EXCEPT FOR A REDESIGN OF INTERNAL COMPONENTS TO PROVIDE MORE RELIABLE OPERATION.

T-56/ART-2 AN/ART-2
 RADIO TRANSMITTER: CONFIDENTIAL
 USED TO JAM ENEMY W/T COMMUNICATION EQUIPMENT WITHIN FREQUENCY RANGE OF 21 TO 35 MC & 34 TO 50 MC. HAS A BAND WIDTH OF 250 KC, MUST BE PRESET ON THE GROUND TO THE CENTER OF THE DESIRED FREQUENCY. POWER OUTPUT 60W (21 TO 34 MC) & 35W. 1/14/44 CMD;
 JAN. 44

T-56/ART-2
 (34-50 MC). POWER INPUT 600W @ 26V. D.C. SWITCH PROVIDED TO SWITCH FROM ONE FREQUENCY TO THE OTHER.
 MOUNTS IN STANDARD "ATR" RACK RMT-52/UR.

T-58/CPN-3A AN/CPN-3A
 RADIO TRANSMITTER: CONFIDENTIAL
 A 10 KW "S" BAND RADAR TRANSMITTER OF THE PANEL TYPE WHICH INCLUDES A MAGNETRON OSCILLATOR, TRANSMITS A CODED SIGNAL TO PERMIT HOMING BY "S" BAND RADAR SETS. INPUT: 15,000 V DC AND 115V/1φ/50-70-. SIMILAR TO T-8/CPN-3 EXCEPT DOES 1/27/44 CPR:
 JAN. 44

T-58/CPN-3A
 NOT INCLUDE MODULATOR CIRCUITS AND MODULATOR POWER SUPPLY.

T-61/AXT-2 AN/AXT-2 RE 13A864A
 RADIO TRANSMITTER: CONFIDENTIAL
 RECEIVES VIDEO AND SYNC. SIGNALS, AMPLIFIES THESE, MIXES VIDEO, SYNC, AND BLANKING SIGNALS AND TRANSMITS A MODULATED R-F CARRIER WHICH IS GENERATED IN THIS UNIT BY MEANS OF AN OSCILLATOR AND POWER AMPLIFIER. COVERS FREQUENCY RANGE 2/12/44
 FEB. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

T-61/AXT-2
OF 264 TO 372 MC. APPROX. WT. 26 LBS.
DIMENSIONS APPROX: 9" X 14" X 18".

T-72/ARW-21 AN/ARW-21
RADIO TRANSMITTER: RESTRICTED
TRANSMITS INTELLIGENCE PRODUCED BY MODU-
LATOR MD-27/ARW-19. OPERATING FREQ. 30
TO 42 MC. USED TO REMOTELY OPERATE RADIO
RECEIVING SET AN/ARW-22 OR AN/ARW-22X.
RESPONDS TO AMPLITUDE MODULATION IN
SUPERSONIC FREQUENCY RANGE OF 20 TO
4/5/44
APR. 44

T-78A/SPT-6 AN/SPT-6A
RADAR TRANSMITTER: CONFIDENTIAL
RADIATES AT LEAST 10 WATTS OF RADIO
FREQUENCY ENERGY WHICH IS AMPLITUDE
MODULATED WITH 100 KC. TO 3.5 MC. NOISE;
COVERS THE FREQUENCY RANGE OF 350 TO
1500MC. INPUT: 950V. DC. @ 150 MA. 350V.
DC. @ 500 MA. AND 28V DC @ 2A. SIZE
12/28/44 CKV: 2A.
DEC. 44

T-63/SPQ-1 AN/SPQ-1 RESTRICTED
RADAR TRANSMITTER:
RADIATES 5 WATTS OF RADIO FREQUENCY EN-
ERGY WHICH IS AMPLITUDE MODULATED MODU-
LATED BY NOISE. SIDE BAND EXTENDS AT
LEAST 3 MC ON EITHER SIDE OF THE CARRIER
FREQUENCY, WHICH OPERATES IN "L" BAND.
INPUT: 250 WATTS AT 80 OR 115/1/400-2600
2/25/44 CGH:
JDM. 44

T-72/ARW-21
120 KC. INPUT 11A @ 26V DC. POWER OUTPUT
20W. INCLUDES SELF-CONTAINED DYNAMOTOR.

T-78A/SPT-6
15 1/4" X 19 1/2" X 25 3/4". SIMILAR
TO T-78/SPT-6 EXCEPT HAS IMPROVED NOISE
SOURCE, THERMOSTATIC RELAY TO PREVENT
OVERHEATING AND IMPROVED OUTPUT OVER
LOWER HALF OF FREQUENCY RANGE.

T-63/SPQ-1
4 30 WATTS AT 26V DC. SAME AS SIGNAL
CORPS TYPE BC-1017-A EXCEPT INCLUDES
MODULATION SWITCH SAME AS T-26/APT-2
EXCEPT OPERATES OVER DIFFERENT FREQUENCY
RANGE AND INCLUDES AN AUTOMATIC FREQUENCY
CONTROLLED TUNING UNIT.

T-73/ARW-21X AN/ARW-21X
RADIO TRANSMITTER: RESTRICTED
TRANSMITS INTELLIGENCE PRODUCED BY MODU-
LATOR MD-28/ARW-19X. OPERATING FREQ. 30
TO 42 MC. USED TO REMOTELY OPERATE RADIO
RECEIVING SET AN/ARW-22 OR AN/ARW-22X.
RESPONDS TO AMPLITUDE MODULATION IN
SUPERSONIC FREQUENCY RANGE OF 20 TO
4/5/44
APR. 44

T-79/CPN-6 AN/CPN-6
TRANSMITTER-MODULATOR: CONFIDENTIAL
RECEIVES VIDEO SIGNALS FROM MODULATOR
DRIVER AN-44/CPN-6 WHICH ACTIVATES THE
MODULATOR KEYING TUBES AND IN TURN
TRIGGERS THE TRANSMITTER WHICH TRANSMITS
X-BAND PULSE SIGNALS OF APPROX. 30 KW.
PEAK POWER. INPUT: 110V/10/50-70.
4/29/44 CGG:
APR. 44

T-64/APS-2G AN/APS-2G
RADAR TRANSMITTER: CONFIDENTIAL
CONSISTS OF A MODULATOR MD-4/APS-2 WITH
MAGNETRON FOR S BAND. AND MOUNTS JUNCTIO
BOX J-63/APS-2G. SUPPLY 26 VOLTS DC. AND
115/1/400 TO 2400.

T-73/ARW-21X
120 KC. INPUT 20A @ 13V DC. POWER OUTPUT
20W. INCLUDES A SELF-CONTAINED DYNAMOTOR.
SIMILAR TO T-72/ARW-21 EXCEPT FOR POWER
REQUIREMENTS.

T-79/CPN-6
15 KV. PLATE V -500V DC. GRID BIAS AND
350-500V DC. SCREEN GRID V. MOUNTS IN
TRANSMITTER CABINET CY-169/CPN-6.

2/29/44 CPR:
MAY 44.

T-70/ARW-19 AN/ARW-19
RADIO TRANSMITTER: RESTRICTED
TRANSMITS INTELLIGENCE PRODUCED BY MODU-
LATOR MD-27/ARW-19. OPERATING FREQ. 23
TO 28 MC. USED TO REMOTELY OPERATE
RADIO RECEIVING SET AN/ARW-20 OR
AN/ARW-20X. RESPONDS TO AMPLITUDE MODU-
LATION IN SUPERSONIC FREQUENCY RANGE OF
4/5/44
APR. 44

T-76/TPS-1B AN/TPS-1B
RADAR TRANSMITTER: CONFIDENTIAL
INCLUDES MAGNETION & ASSOCIATED MAGNET,
TR BOX PULSE TRANSFORMER, COOLING BLOWER
UNIT AND TRANSMISSION LINE WHICH COUPLES
WITH TRANSMISSION LINE RUNNING THRU THE
ANTENNA DRIVE UNIT MX-191/TPS-1B TO THE
AS-120/TPS-1B. POWER INPUT: 115/10/400
4/17/44 CW:66171E CW:6L-418490
DEC. 44

T-81/AXT-5 AN/AXT-5
RADIO RELAY TRANSMITTER: CONFIDENTIAL
OUTPUT: 300 W AVERAGE CARRIER OR 1200 W
PEAK. OPERATING FREQ. 90 TO 102 MC. WHICH
MAY VARY ±5MC WITH MODULATION (AMPLITUDE,
INPUT: 26V DC @ 1 KW. 2500V DC. 1250V DC
525. (3) 350. -90V ALL DC AND 110V/10/
400-2400-. CAPABLE OF BEING MODULATED BY
5/4/44
RAY 44

T-70/ARW-19
20 TO 120 KC. INPUT 11A @ 26V. DC. POWER
OUTPUT 20W. INCLUDES A SELF-CONTAINED
DYNAMOTOR.

T-76/TPS-1B
AND VIDEO PULSE FROM MODULATION OF 4
MICROSECS. @ 4 KV PEAK. OUTPUT APPROX:
500 KW FOR 4 MICROSECS. REPEATED 200
TIMES PER SEC.

T-81/AXT-5
RADIO SET AN/AXS-1. USED WITH RADIO SET
AN/UXR-2.

T-71/ARW-19X AN/ARW-19X
RADIO TRANSMITTER: RESTRICTED
TRANSMITS INTELLIGENCE PRODUCED BY MODU-
LATOR MD-28/ARW-19X OPERATING FREQUENCY
23 TO 28 MC. USED TO REMOTELY OPERATE
RADIO RECEIVING SET AN/ARW-20 OR
AN/ARW-20X. RESPONDS TO AMPLITUDE MODU-
LATION IN SUPERSONIC FREQUENCY RANGE OF
4/5/44
APR. 44

T-78/SPT-6 AN/SPT-6
RADAR TRANSMITTER: CONFIDENTIAL
RADIATES AT LEAST 10 WATTS OF RADIO
FREQUENCY ENERGY WHICH IS AMPLITUDE
MODULATED WITH 100 KC. TO 3.5 MC. NOISE
COVERS THE FREQUENCY RANGE OF 350 TO
1400MC. INPUT: 950V. DC. @ 150MA. 350V.
DC. @ 500 MA. AND 28V DC @ 2A. SIZE
4/22/44 CKV: M-100589
AUG. 44

T-86/CPN-17 AN/CPN-17
TRANSMITTER-MODULATOR: CONFIDENTIAL
RECEIVES VIDEO SIGNALS FROM MODULATOR
DRIVER AN-44/CPN-6 WHICH ACTIVATES THE
MODULATOR KEYING TUBES AND IN TURN
TRIGGERS THE TRANSMITTER WHICH TRANSMITS
S-BAND PULSE SIGNALS OF APPROX. 30 KW.
PEAK POWER. INPUT: 110V/10/50-70-.
5/20/44 CGG:
FEB. 45

T-71/ARW-19X
20 TO 120 KC. INPUT 20A @ 13V. DC. POWER
OUTPUT 20W. INCLUDES A SELF-CONTAINED
DYNAMOTOR. SIMILAR TO RADIO TRANSMITTER
T-70/ARW-19 EXCEPT FOR POWER REQUIREMENT.

T-78/SPT-6
15 1/4" X 19 1/2" X 25 3/4". FITS MOUNT-
ING BASE ANT-52/UR.

T-86/CPN-17
15 KV. PLATE V. -500V DC. GRID BIAS AND
350-500V DC. SCREEN GRID V. MOUNTS IN
TRANSMITTER CABINET CY-169/CPN-6.
SIMILAR TO AND MECHANICALLY INTERCHANGE-
ABLE WITH T-79/CPN-6 EXCEPT FOR FREQUENCY
RANGE.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | | |
|---|----------------------------|-------------------------------|--|--------------------|-------------------------------|--|--------------------|-------------------------------|----------------------------|-------------------------------|
| T-89/ARC-5 AN/ARC-5 | | | T-117/ART-17(C) AN/ART-17(C) | | | T-124/APX-13 AN/APX-13 | | | | |
| RADIO TRANSMITTER; FREQ. RANGE 100-125 MC, MANUALLY TUNED TO COVER ENTIRE RANGE 6 WATTS OUTPUT, A2 OR A3. FOR OPERATION WITH MODULATOR MD-7/ARC-5 AND 28V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACK MT-69/ARC-5. DIMENSIONS: 12 3/4" X 5 1/4" 7/17/44 CBT:#1001 JULY 44 | | | CONFIDENTIAL RADIO TRANSMITTER FREQUENCY MODULATED TRANSMITTER OPERATING WITH OUTPUT FREQUENCIES OF 23 TO 33 MC AND 33 TO 47 MC BY MEANS OF TWO SETS OF PLUG IN COILS. FREQUENCY DEVIATION 550 KC. CAPABLE OF ACCEPTING AT ITS INPUT TERMINALS VARIOUS INTELLIGENCE IN 10/31/44 CFL: NOV. 44 | | | CONFIDENTIAL RADAR TRANSMITTER: TRANSFORMS AC POWER INTO SHORT A BAND-OR G BAND R.F. PULSES AT A REPETITION RATE OF 150 PULSES/SEC., ACCEPTING ITS TRIGGER FROM THE AN/APS-20 SYNCHRONIZER. CONTAINS A POWER SUPPLY, LINE TYPE MODULATOR FOR HYDROGEN THYRATRON TRIGGER CIRCUIT 12/9/44 APR. 45A 918 | | | | |
| T-89/ARC-5 | | | T-177/ART-17(C) | | | T-124/APX-13 | | | | |
| X 7 1/16". WEIGHT: 7 LBS. | | | THE FORM OF ELECTRICAL CURRENTS AND IN TURN RADIATING INTO SPACE THIS INTELLIGENCE AS MODULATION ON A RADIO FREQUENCY CARRIER. POWER OUTPUT 20W. INPUT: 26V DC @ 8A. WT. APPROX. 50 LBS. PART OF AN/ART-17. | | | AND PUSH-PULL PLATE OSCILLATORS. INCLUDES A CURRENT MONITORING METER. FURNISHES SUPPRESSOR PULSE FOR AN/APX-1. PEAK OUTPUT POWER IS 2000 WATTS AT RATED INPUT VOLTAGE OF 115. POWER SUPPLY 115V AC 400-800~ AT 2 AMPS. AND 28V DC AT 2 AMPS. PART OF RADAR SET AN/APX-13. | | | | |
| T-90/ARC-5 AN/ARC-5 | | | T-119/GMQ-5 AN/GMQ-5 | | | T-124A/APX-13 AN/APX-13A | | | | |
| RADIO TRANSMITTER; CONFIDENTIAL FREQ. RANGE 125-156 MC, MANUALLY TUNED TO COVER ENTIRE RANGE 6 WATTS OUTPUT, A2 OR A3. FOR OPERATION WITH MODULATOR MD-7/ARC-5 AND 28V DC DYNAMOTOR DY-8/ARC-5. FITS MOUNTING RACK MT-69/ARC-5. DIMENSIONS: 12 3/4" X 7/17/44 CBT:#1002 JULY 44 | | | CONFIDENTIAL RADIO TRANSMITTER: TRANSMITS ON A 27.75 KC. CARRIER, FREQ. MODULATED BY PHASE SHIFT METHOD. RADIO FREQUENCY CARRIER MODULATED BY 10 KC. AUDIO CARRIER DEVIATION, ±10 KC.; INCLUDED IN EQUIPMENT ARE CRYSTAL OSCILLATOR MODULATOR AND CRYSTAL OSCILLATOR, FREQ. 11/17/44 FEB. 45 | | | CONFIDENTIAL RADAR TRANSMITTER: TRANSFORMS AC POWER INTO SHORT A BAND-OR G BAND R.F. PULSES AT A REPETITION RATE OF 150 PULSES/SEC., ACCEPTING ITS TRIGGER FROM THE AN/APS-20 SYNCHRONIZER. CONTAINS A POWER SUPPLY, LINE TYPE MODULATOR, HYDROGEN THYRATRON TRIGGER CIRCUIT AND PUSH-PULL PLATE OSCILLATORS. INCLUDES A CURRENT MONITORING METER. FURNISHES SUPPRESSOR PULSE FOR AN/APX-1. PEAK OUTPUT POWER IS 2000 WATTS AT RATED INPUT VOLTAGE OF 115. POWER SUPPLY 115V AC 400-800~ AT 2 AMPS, AND 28V DC AT 2 AMPS. PART OF AN/APX-13A. SIMILAR TO & INTERCHANGEABLE WITH T-124/APX-13 EXCEPT USES DIFFERENT COMPONENTS. | | | | |
| T-90/ARC-5 | | | T-119/GMQ-5 | | | T-124A/APX-13 | | | | |
| 5 1/4" X 7 1/16". WEIGHT: 7 LBS. | | | DOUBLERS AND AMPLIFIERS. OPERATES ON 110-120V/1Ø/50-60~. OUTPUT 1000 WATTS. | | | | | | | |
| T-111/CRT-4 AN/CRT-4 | | | T-120/APS-20 AN/APS-20 | | | T-125/ARW-34 AN/ARW-34 | | | | |
| CONFIDENTIAL RADIO TRANSMITTER; CONSISTS OF A RETRACTABLE ANTENNA, OSCILLATOR, AMPLIFYING DOUBLER, TWO STAGE AUDIO FREQUENCY AMPLIFIER AND A REACTANCE MODULATOR. FREQUENCY RANGE 62 TO 72 MC. TRANSMITTER IS SET AT FACTORY TO ONE OF 12 SPECIFIED FREQUENCIES BUT 9/11/44 CEK: SEPT. 44A | | | CONFIDENTIAL RADAR TRANSMITTER: TRANSMITTER ASSEMBLY - CONSISTS PRIMARILY OF A STEP-UP PULSE TRANSFORMER, A TRANSMITTING TUBE & COAX. TO WAVE GUIDE ADAPTER. IT GENERATES APPROX. 1 MEGAWATT R.F. POWER IN THE "9S" BAND AND SUPPLIES A POSITIVE TRIGGER COINCIDENT WITH THE 11/23/44 CAXI: DEC. 44 | | | CONFIDENTIAL RADIO TRANSMITTER: FREQ MODULATION TRANSMITTER; FREQ RANGE, 60-65 MC - FREQ MODULATION, ±15 KC - OUTPUT, 15 WATTS INPUT -24-29V DC - EMPLOY TEN MODULATION FREQUENCIES FROM 300 TO 6500 CY. SO SPACED AS NOT TO INTERFERE WITH EACH OTHER, TO CONTROL TEN CHANNELS 12/19/44 CPL: DEC. 44 | | | | |
| T-111/CRT-4 | | | T-120/APS-20 | | | T-125/ARW-34 | | | | |
| MAY BE RESET IN FIELD TO ANY FREQUENCY WITHIN THE RANGE. | | | TRANSMITTED PULSE. INPUTS ARE: HIGH VOLTAGE PULSE, LOCAL OSCILLATOR OUTPUT; "KEEP ALIVE" VOLTAGE; 120 VOLTS .5A, 400/800 CYCLE, A.C. AND 28 VOLTS .5 AMPS DC. DIMENSIONS: 12" X 24". WT.: 89.5 LBS. | | | EACH CHANNEL CONTROLS A RELAY IN THE RECEIVER R-146/ARW-35 WHICH WILL CLOSE ONE CIRCUIT & SAFELY CARRY 1 AMP AT 30V DC - A MAXIMUM OF THREE CHANNELS MAY BE EMPLOYED AT A TIME - TRANSMITTER MAY BE USED WITH AMPLIFIER AM-82 /ARW-34 WHEN ADDITIONAL POWER OUTPUT IS REQUIRED - FITS MOUNTING BASE #MT-52/UR. | | | | |
| T-115/ARW-13 RE3637A | | | T-123/ART-22 AN/ART-22 | | | T-125A/ARW-34 AN/ARW-34 | | | | |
| CONFIDENTIAL RADIO TRANSMITTER AN ULTRA HIGH FREQUENCY, CRYSTAL CONTROLLED F.M. RADIO TRANSMITTER DESIGNED FOR OUTPUT FREQUENCY OF 44 TO 46.6 MC. SET HAS TEN AUDIO MODULATED FREQUENCIES FROM ONE TO THREE OF WHICH MAY BE SIMULTANEOUSLY EITHER KEYED WITH OR SUPER-10/20/44 JAN. 45 | | | CONFIDENTIAL RELAY TRANSMITTER: WIDE BAND RADAR RELAY TRANSMITTER OPERATING IN THE FREQUENCY REGION OF 300 MC. MODULATION CONSISTS OF VIDEO AND SYNCHRONIZING INFORMATION AND IS PUT ON THE CARRIER IN A NEGATIVE SENSE OR DIRECTION. INPUT 115/1Ø/400-800~. POWER OUTPUT: 12/9/44 DEC. 44 | | | CONFIDENTIAL RADIO TRANSMITTER: FREQ MODULATION TRANSMITTER; FREQ RANGE, 52-65 MC - FREQ MODULATION, ±15 KC - OUTPUT, 15 WATTS INPUT; 29V DC - EMPLOY TEN MODULATION FREQUENCIES FROM 300 TO 6500 CY. SO SPACED AS NOT TO INTERFERE WITH EACH OTHER, TO CONTROL TEN CHANNELS 1/12/45 CFL: MAY 45 | | | | |
| T-115/ARW-13 | | | T-123/ART-22 | | | T-125A/ARW-34 | | | | |
| IMPOSED ON THE FREQUENCY MODULATED OUTPUT. RESULTANT SIGNAL IS THEN RAISED BY MEANS OF TRIPLER AMPLIFIER AM-71/AR OR AMPLIFIER AM-79/ARW-13 TO OPERATING FREQUENCY 132-140 MC. MOUNTING IS ON STANDARD SARC-B-1-D RACK. WT. INCLUDING MOUNTING, LESS THAN 116 LBS. POWER SUPPLY: 26.5V DC. | | | 15-18W. AVERAGE. USED WITH NAVY TYPE CAEV-46-ADY OF NAVY MODEL PO RADAR RECEIVING EQUIPMENT. | | | EACH CHANNEL CONTROLS A RELAY IN THE RECEIVER R-146A/ARW-35 WHICH WILL CLOSE ONE CIRCUIT & SAFELY CARRY 1 AMP AT 30V DC - A MAXIMUM OF THREE CHANNELS MAY BE EMPLOYED AT A TIME - TRANSMITTER MAY BE USED WITH AMPLIFIER AM-82/ARW-34 WHEN ADDITIONAL POWER OUTPUT IS REQUIRED - FITS MOUNTING BASE #MT-52/UR. SIMILAR TO T-125/ARW-34 EXCEPT HAS EXTENDED FREQ. RANGE. | | | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

Army-Navy Designations

4-143

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|--------------------|-------------------------------|---|--------------------|-------------------------------|
| T-126/ARC-5 | AN/ARC-5 | RESTRICTED | TELEPHONE APPARATUS "TA" | | | TD-4/APS-3 | AN/APS-3.3A | |
| <p>RADIO TRANSMITTER: RADIO TRANSMITTER WITH THE FOLLOWING CHARACTERISTICS: FREQUENCY RANGE 100 TO 146 MC., 4 CRYSTAL CONTROLLED CHANNELS; 6 WATTS AT A2, A3; PLATE & SCREEN MODULATED. USED WITH MODULATOR WD-7/ARC-5 AND DYNAMOTOR DY-8/ARC-5. FITS MOUNTING 171/45 D-153317 BA-40854 APR. 45</p> | | | <p>MISCELLANEOUS TELEPHONE EQUIPMENT.</p> | | | <p>TARGET DISCRIMINATOR: CONFIDENTIAL PROVIDES NEGATIVE AND POSITIVE TRIGGER VOLTAGES TO TRIGGER SYNCHRONIZING CIRCUIT OF R-18A/APS-3 AND FEED VIDEO CIRCUIT OF R-18A/APS-3 FOR PRESENTATION ON ID-19/APS-3 RESPECTIVELY. BOTH TRIGGERS MAY BE SIMULTANEOUSLY DELAYED FROM 0 TO 12/20/44 CS: MAY 45 948A</p> | | |
| RACKS (TRANS) | T-126/ARC-5 | | TA-15/PT | MARINE CORP | MCT-1 | 100 MI. (NAUTICAL). IN- | TD-4/APS-3 | |
| <p>MT-69/ARC-5. SAME AS BC-950-A (310) EXCEPT MODULATOR TUBE AND ASSOCIATED CIRCUITS ARE REMOVED AND RECEPTACLE FOR CONNECTING TO RACK HAS BEEN CHANGED TO PREVENT USE IN RACKS FOR BC-950-A TRANS. SAME AS T-23/ARC-5 EXCEPT CHANNELS A, B, & C MUST BE IN RANGE 100 TO 124 MC AND CHANNEL D MUST BE IN RANGE 122 TO 146 MC.</p> | | | <p>TELEPHONE SUBSTATION A PORTABLE TELEPHONE SUBSTATION FOR OUTDOOR USE HOUSED IN AN OPEN TOP WOODEN BOX. COMPRISES A HANDSET SIGNAL CORPS TYPE TS-9(C) LESS SWITCH TONE SIGNAL UNIT, A BATTERY CAN (FOR TWO BA-30), A 2 MFD CONDENSER, INDUCTION COIL AND 10/28/44 OCT. 44</p> | | | <p>CLUDES 300V SELF CONTAINED POWER SUPPLY, BLOCKING OSCILLATOR & PHANTASTRON DELAY CIRCUIT, & VARIOUS OPERATING TRIGGERS. USED WITH BUT NOT PART OF AN/APS-3, AN/APS-3A. SIZE APPROX: 11" x 6" x 7". WT. 7 LBS WITH CABLES. INCLUDES THREE CABLES, EACH 48" LG. CONNECTED TO (G-1) AN-3102-28-16S. (G-2) AN-3102-28-16P & -49194 RESP. PROCURED ON NXBS 96378.</p> | | |
| T-129/GPX-2 | AN/GPX-2 | EN-102 SPEC | TA-15/PT | | | TD-4M/APS-3 | AN/APS-3AM | |
| <p>RADAR TRANSMITTER: CONFIDENTIAL RADAR TRANSMITTER - CONSISTS OF A TRANSMITTER USING 1/4 WAVE LENGTH LINES IN GRID AND PLATE CIRCUITS OF A TRIODE OSCILLATOR, WHICH ARE TUNED BY MEANS OF A VARIABLE DISC CAPACITOR AT THE ENDS. SIMILAR TO TRANSMITTER UNIT OF BC-800A 1/22/45 JAN. 45</p> | | | <p>CHOKO. DICTOGRAPH #82248, OR EQUAL. PART OF ALERT TELEPHONE SYSTEM MCT-1.</p> | | | <p>TARGET DISCRIMINATOR: CONFIDENTIAL PROVIDES TRIGGER VOLTAGES VARIABLE FROM ZERO TO APPROX 28 (NAUTICAL MILES). INCLUDES SELF CONTAINED POWER SUPPLY, BLOCKING OSCILLATOR AND VARIOUS OPERATING TRIGGERS. CONSISTS OF A TD-4/APS-3 MODIFIED FOR MAX. DELAY OF APPROX 28 MI. 2/12/45 MAR. 45A</p> | | |
| | T-129/GPX-2 | | | | | TD-5/APS-T3 | AN/APS-T3 | |
| <p>EXCEPT MODIFIED TO OPERATE ON 60 CYCLE POWER AND SHALL BE MOUNTED ON A STANDARD 19" RELAY RACK PANEL HAVING A MAXIMUM HEIGHT OF 8 3/4". POWER REQUIREMENTS: 110V AC 60 CYCLE. PART OF AN/GPX-2. CONTRACT NOas 4516 WITH MAJESTIC.</p> | | | <p>TIMING DEVICES "TD"</p> <p>MECHANICAL AND ELECTRONIC TIMING DEVICES ETC.</p> | | | <p>PULSE DELAY UNIT: CONFIDENTIAL CAPABLE OF ACCEPTING A POSITIVE OR NEGATIVE PULSE AND DELAYING THIS PULSE UP TO 36 MICROSECS. AND PUTTING OUT APPROX A 1 MICROSEC PULSE (POSITIVE OR NEGATIVE) TO FEED BACK TO RADAR TO PROVIDE FOR PPI SWEEP DELAY. INCLUDES AMPLIFIER. 12/30/44 JAN. 45</p> | | |
| T-132/UPT-T3 | AN/UPT-T3 | RE9625(TENT.) | TD-1/APA-30 | AN/APA-30 | | TD-6/APA-16 | AN/APA-16 | CONFIDENTIAL |
| <p>TRANSMITTER-MODULATOR: CONFIDENTIAL A U.H.F. TRANSMITTER OPERATING IN THE FREQUENCY RANGE OF 2700 TO 3300MC. GENERATES SINE WAVE AND NOISE TYPE AS WELL AS PULSE TYPE OF MODULATION. INCLUDES AN OSCILLATOR-MODULATOR AND BUILT-IN POWER SUPPLY TO FURNISH 2/21/45 FEB. 45A</p> | | | <p>RANGE MARK GENERATOR: CONFIDENTIAL CONTAINS SWEEP GENERATOR, BLOCKING OSCILLATOR, MOTOR REGULATING CIRCUITS NECESSARY RECTIFIERS FOR GENERATING RANGE MARKER PULSE USED IN TRACKING FOR WEAPON FIRE AND AS A BOMB RELEASE POINT FOR BOMBING AND CAUSED TRACKING MOTOR IN 5/20/44 MAY 44</p> | | | <p>MULTIVIBRATOR, BLOCKING OSCILLATOR AND OUTPUT STAGE (CATHODE FOLLOWER OR AMPLIFIER). MOUNTS IN CABINET CY-379/APS-T3.</p> | | |
| | T-132/UPT-T3 | | TD-1/APA-30 | | | TD-6/APA-16 | | |
| <p>115V/14/50-60-. MOUNTS ON A STANDARD AIRCRAFT TYPE MOUNTING WITHIN CARRYING CHEST CY-407/UPT-T3. PART OF RADAR TRAINING SET AN/UPT-T3. SIMILAR TO BUT NOT INTERCHANGEABLE WITH TRANSMITTER-MODULATOR T-42/UPT-T1. OVERALL SIZE 18" X 18" X 24".</p> | | | <p>SERVO SIGHT UNIT CN-19/APA-30 TO TURN AT REQUIRED SPEED TO TRACK TARGET. IN RANGE. INPUT FROM CONTROL UNIT: 115V/10/400-2400- @ 110W & 26 V DC. MOUNTS ON MOUNTING BASE MT-270/APA-30. WT. APPROX. 15 LBS. MOUNTS IN STD AIRCRAFT CASE PER SC-D-10381.</p> | | | <p>CONSISTS OF A POTENTIOMETER AND VEEDER COUNTER CONTROLLED BY A KNOB. ALL CONTAINED IN A SMALL METAL BOX, APPROX. 6" X 6" X 4". ALSO INCLUDES DIAL LIGHT AND DIMMER CONTROL AND SWITCH FOR TRANSFERRING CONTROL OF AN/APA-16 RELEASE 5/17/45 CW:BR-419201 MAY 45 ISSUE 2</p> | | |
| T-142/ART-23 | AN/ART-23 | 16L3(RE)MOD | TD-3/APS-20 | AN/APS-20 | CONFIDENTIAL | TD-6/APA-16 | | |
| <p>RADIO TRANSMITTER: CONFIDENTIAL RELAY TRANSMITTER OPERATING IN THE FREQUENCY RANGE OF 74 TO 106 MC. POWER OUTPUT IS 100W. EMPLOYS 4 CHANNELS WITHIN ITS OPERATING FREQUENCY BY MEANS OF 4 SET OF PLUG-IN COILS. INPUT: 115V/10/400-1200- AND 500 AND 1000V DC. FITS 3/27/45 APR. 45</p> | | | <p>RECTIFIER-TIMING CENTRAL: CONFIDENTIAL PROVIDES SWEEP VOLTAGES REPRESENTING 20,50,100,150 AND 200 NAUTICAL MILES AND ELECTRONIC RANGE MARKERS AT BOTH 10 AND 20 NAUTICAL MILE SEPARATION. INCLUDES SELF-CONTAINED RECTIFIER CIRCUITS TO FURNISH THE FOLLOWING DC VOLTAGES: MINUS 11/23/44 CAEV: DEC. 44</p> | | | <p>IRCUITS TO THIS UNIT OR PERMITS NORMAL PERATION OF AN/APA-16. WT. APPROX. 1 1/2 LBS. USED TO ADAPT AN/APA-16, BY PROVIDING PROPER TIMING, FOR FIRING SOCKETS. USED WITH BUT NOT PART OF AN/APA-16. FIRST PROCURED ON NXBS 87703. ART OF MX-476/APA-16.</p> | | |
| | T-142/ART-23 | | TD-3/APS-20 | | | TD-6CXR-13/APA-16 | AN/APA-16 | CONFIDENTIAL |
| <p>MT-171/U SARC FORM FACTOR 8-20. WT. APPROX. 40 LBS. USED WITH R-162/SRR-1.</p> | | | <p>5000V, MINUS 1000V, PLUS 450V, PLUS 300 (REGULATED), PLUS 225, AND MINUS 105. INPUTS ARE: 120 VOLTS, 400 CYCLES, AC; 28 VOLTS DC; AND VARIOUS OPERATING TRIGGERS, FROM ASSOCIATED UNITS. DIMENSIONS: 9" X 20 1/2" X 24". WT.: 90 LBS.</p> | | | <p>ADAPTER UNIT: CONFIDENTIAL CONSISTS OF A POTENTIOMETER AND VEEDER COUNTER CONTROLLED BY A KNOB, ALL CONTAINED IN A SMALL METAL BOX, APPROX. 6" X 6" X 4". ALSO INCLUDES DIAL LIGHT AND DIMMER CONTROL AND SWITCH FOR TRANSFERRING CONTROL OF AN/APA-16 RELEASE 2/8/45 CW:BR-419201 MAY 45 ISSUE 2</p> | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|----------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|---|---|--------------------|-------------------------------|---|--------------------|-------------------------------|
| | | TD-6(XN-T)/XPA-16 CIRCUITS TO THIS UNIT OR PERMITS NORMAL OPERATION OF AN/APA-16. WT. APPROX. 3 1/2 LBS. USED TO ADAPT AN/APA-16, BY PROVIDING PROPER TIMING, FOR FIRING ROCKETS. USED WITH BUT NOT PART OF AN/APA-16. FIRST PROCURED ON NXsa 87703. PART OF NX-476(XN-1)/APA-16. | TL-301/U DRILL: DRILL, ELECTRIC PORTABLE, 110 VOLTS AC OR DC NO LOAD 1800 RPM. FULL LOAD 1050 RPM 1/4" JACOBS CHUCK WITH KEY. BLACK AND DECKER #30 OR EQUAL. 9/25/44 SEPT. 44 | | | TL-315/U AN/URN-1 TUNING TOOL A SCREWDRIVER TYPE TOOL, HAVING A HANDLE AND SHAFT OF HIGH DIELECTRIC MATERIAL WITH A TOOL STEEL BIT ON SHAFT END AND RECESSED BIT OF SAME MATERIAL ON HANDLE END. SIZE: 6" LONG; 3/8" DIAMETER WEIGHT: 2 OUNCES. DRAWING NUMBER NL-141, 11/14/44 NOV. 44 | | |
| | | TD-9/APS-20A AN/APS-20A CONFIDENTIAL RECTIFIER-TIMING CENTRAL: PROVIDES SWEEP VOLTAGES REPRESENTING 20,50,100,150 AND 200 NAUTICAL MILES AND ELECTRONIC RANGE MARKERS AT BOTH 10 AND 20 NAUTICAL MILE SEPARATION. INCLUDES SELF-CONTAINED RECTIFIER CIRCUITS TO FURNISH THE FOLLOWING DC VOLTAGES: MINUS 4/14/45 CG: APR. 45 948A | TL-302/U PLIERS: LONG FLAT NOSE. 6", SIDE CUTTING. 9/23/44 SEPT. 44 | | | TL-315/U WDRC. DIVISION 6, SECTION 6.1. USED WITH AN/CRT-4. PART OF: AN/URN-1. | | |
| | | TD-9/APS-20A 5000V, MINUS 1000V, PLUS 450V, PLUS 300 (REGULATED), PLUS 225, AND MINUS 105. INPUTS ARE: 120 VOLTS, 400 CYCLES, AC; 28 VOLTS DC; AND VARIOUS OPERATING TRIGGERS, FROM ASSOCIATED UNITS. DIMENSIONS: 9" X 20 1/2" X 24". WT.: 90 LBS. SIMILAR TO TD-3/APS-20 EXCEPT SUBSTITUTES AN CONNECTORS FOR TERMINAL BLOCKS. | TL-303/U LANTERN: ELECTRIC HAND LANTERN DUO-RAY #400, OR EQUAL. INCLUDES AND USES TWO BULB, MAZDA #502 AND #27. USES ONE BATTERY BA-200/U. 9/21/44 SEPT. 44 | | | TL-322/U GEN. USE RE 49F 386 WRENCH: SPANNER TYPE WRENCH FOR USE WITH UG-156/U OR EQUIV. CONNECTORS. CONSISTS OF STEEL BODY 1 5/8" DIAMETER BY 1 1/2" LONG, WITH 1 1/4" HOLE THROUGH BODY. ALSO 1 1/8" OF BODY IS CUT AWAY SO THAT BODY HAS "U" SHAPE. TWO 3 3/4" LONG 3/20/45 MAR. 45A 930G | | |
| | | COMPONENT INDICATORS "TF" TRANSFORMERS TRANSFORMERS WHEN USED AS SEPARATE UNITS | TL-304/U PLIERS: LONG NOSE, 6", SIDE CUTTING. 9/25/44 SEPT. 44 | | | TL-322/U HANDLES ARE WELDED IN UPPER PART OF BODY. TWO 1/8" PINS PROTRUDE FROM LOWER PART OF BODY 5/32", AND ARE ON 1 15/32" DIAMETER CENTERS. | | |
| | | TF-106/U GEN. USE VARIABLE AUTOTRANSFORMER: RESTRICTED ACCEPT NOMINAL 115/1/380-1600~ INPUT AND PROVIDES 0 TO 130/1/380-1600~ OUTPUT. MAXIMUM OUTPUT CURRENT 3.85 AMPERES. SIZE: APPROX. 6 3/4" X 3 5/8" X 5". WT. APPROX. 2 1/4 LBS. HAS ONE AN-3102-20-13P CONNECTOR. 4/4/45 CPR: APR. 45A 948A CPR:5L0-1540 | TL-305/U DRILL SET: DRILL SET, TWIST, HIGH -SPEED STEEL, STRAIGHT SHANK, ONE OF EACH SIZE #1 TO 60 INCLUSIVE, CLEVELAND LIST #918 OR EQUAL. 9/30/44 SEPT. 44 | | | TL-323/U GEN. USE RE 49F 386 WRENCH: SPANNER TYPE WRENCH FOR USE WITH UG-154/U OR EQUIV. CONNECTORS. CONSISTS OF STEEL BODY 1 27/64" DIAMETER BY 1 1/2" LONG WITH 15/16" HOLE THROUGH BODY. ALSO 15/16" OF BODY IS CUT AWAY SO THAT BODY HAS "U" SHAPE. TWO 3 3/4" LONG 3/20/45 MAR. 45A 930G | | |
| | | TF-107/APS-20A AN/APS-20A VARIABLE AUTO-TRANSFORMER: CONSISTS OF A 3 SECTION VARIAC WHICH PROVIDES VARIATION OF MODULATOR PLATE TRANSFORMER 3-PHASE DELTA-CONNECTED PRIMARY VOLTAGE, CONNECTED ACROSS +5%, -15% TAPS ON EACH LEG. EACH SECTION RATED 40V., 7 1/2 AMP., 400-800~. 4/18/45 APR. 45 948A | TL-307/U TAP: FRICTION, TAKE 2" WIDE, .015" THICK; IN 36 YD. ROLLS. U. S. RUBBER, OR EQUAL. 9/30/44 SEPT. 44 | | | TL-323/U HANDLES ARE PROVIDED IN UPPER PART OF BODY. WELDED INTO PLACE. TWO 1/8" PINS PROTRUDE FROM LOWER PART OF BODY 5/32", AND ARE ON 1 3/16" DIAMETER CENTERS. | | |
| | | TF-107/APS-20A WEIGHT 4 1/2 LBS. SIZE 6 1/2" X 6 1/2" X 5". | TL-308/U TAPE: FLUORESCENT FINISH ADHESIVE TAPE, 4" WIDE IN 10 YD. ROLL; CONTINENTAL LITHOGRAPH "CORTI-GLO" #P-12C OR EQUAL. 9/30/44 SEPT. 44 | | | TL-324/U GEN. USE RE 49F 386 WRENCH: SPANNER TYPE WRENCH FOR USE WITH UG-207/U OR EQUIV. CONNECTORS. CONSISTS OF STEEL BODY 7/8" DIAMETER BY 1 1/2" LONG WITH 5/8" HOLE THROUGH BODY. ALSO 5/8" OF BODY IS CUT AWAY SO THAT BODY HAS "U" SHAPE. TWO 3 3/4" LONG HANDLES 3/20/45 MAR. 45A 930G | | |
| | | TOOLS "TL" ALL TYPES EXCEPT LINE CONSTRUCTION. | TL-309/U CRIMPING TOOL: A CRIMPING TOOL FOR USE IN SPLICING #17 AWG CONDUCTOR WITH BRASS SLEEVES. 9/30/44 SEPT. 44 | | | TL-324/U ARE WELDED IN UPPER PART OF BODY. TWO 1/8" PINS PROTRUDE FROM LOWER PART OF BODY 5/32", AND ARE ON 13/16" DIAMETER CENTERS. | | |

Army-Navy Designations

4-145

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

TL-325/U GEN. USE RE 49F 387
 COUNTER BORER:
 SPECIAL COUNTER-BORING TOOL FOR USE WITH
 UG-156/U PLUG OR EQUIV. BORES 1/4" I.D.
 & 5/8" O.D. HOLE TO DEPTH OF 3/8" + OR -
 1/64" IN END OF RG-19/U OR EQUIV. CABLE.
 MADE OF STEEL WITH SMALL HANDLE 3" LONG
 BY 3/16" DIAMETER. TOTAL LENGTH OF TOOL
 3/20/45
 MAR. 45A 930G

TL-325/U
 IS 4".

TL-326/U GEN. USE RE 49F 387
 COUNTER BORER:
 SPECIAL COUNTER-BORING TOOL FOR USE WITH
 UG-154/U PLUG OR EQUIV. BORES 3/16"
 I.D. AND 7/16" O.D. HOLE BY 1/4"+ OR -
 1/64" DEEP IN END OF RG-17/U OR EQUIV.
 CABLE. MADE OF STEEL WITH SMALL HANDLE
 3" LONG BY 3/16" DIAMETER. TOTAL LENGTH
 3/20/45
 MAR. 45A 930G

TL-326/U
 OF TOOL IS 4".

COMPONENT INDICATORS "TN"
 TUNING UNIT
 FOR: RECEIVER, TRANSMITTER, ANTENNA

TN-1/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "Z". PLUG IN TYPE; FREQUENCY RANGE:
 40 TO 105 MC WHEN USED IN CONNECTION
 WITH NAVY TYPES CPR-46AAO OR CPR-46ABC
 RADAR RECEIVERS OR AMPLIFIER STRIP
 AM-12/APR-1. CONTAINS TWO TYPE
 9002 VACUUM TUBES. PLUGS INTO
 5/14/43 CGG:
 OCT. 43 RA:P0;CFH:D104C

TN-1/APR-1
 CHASSIS MX-24/APR-1.

TN-1A/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "Z". PLUG IN TYPE; FREQUENCY RANGE:
 40 TO 105 MC WHEN USED IN CONNECTION
 WITH NAVY TYPES CPR-46AAO OR CPR-46ABC
 RADAR RECEIVERS OR AMPLIFIER STRIP
 AM-12/APR-1. CONTAINS TWO TYPE 9002
 VACUUM TUBES. PLUGS INTO CHASSIS
 11/13/43 CFM:
 DEC. 43 RA:P0;CFH:D;04C

TN-1A/APR-1
 MX-24/APR-1. SIMILAR TO TN-1/APR-1 EX-
 CEPT INCLUDES MOTOR-DRIVEN SWEEP FOR
 MAIN TUNING DIAL WHICH OPERATES AT RATE
 OF 1 COMPLETE SWEEP PER MINUTE. POWER
 FOR THE AUTO-SWEEP IS BROUGHT IN THRU A
 JACK MOUNTED ON FRONT AND REAR PANEL AT
 28 V. SAME AS ARMY MODEL TU-56A

TN-1B/APR-1 AN/APR-1B RESTRICTED
 TUNING UNIT
 OPERATING FREQUENCY 38 TO 95 MC., PLUG
 IN TYPE. USED WITH AM-12/APR-1 AND RDO
 EQUIPMENT. INCLUDES A MOTOR DRIVE FOR
 TUNING AND ADJUSTABLE SECTOR SWEEP.
 INCORPORATES TWO SERIES FILTERS FOR
 SUPPRESSION OF IF AND IMAGE RESPONSES
 4/3/44 CGG:
 SEPT. 44

TN-1B/APR-1
 INTERCHANGEABLE WITH TN-1/APR-1 AND
 TN-1A/APR-1. SIMILAR TO TN-1B/APR-1
 EXCEPT HAS DIFFERENT GEARING.

TN-1C/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "Z". PLUG IN TYPE; FREQUENCY RANGE:
 40 TO 105 MC WHEN USED IN CONNECTION
 WITH NAVY TYPES CPR-46AAO OR CPR-46ABC
 RADAR RECEIVERS OR AMPLIFIER STRIP
 AM-12/APR-1. CONTAINS TWO TYPE 9002
 VACUUM TUBES. PLUGS INTO CHASSIS
 8/2/44 CGG:
 AUG. 44 RA:CFH:

TN-1C/APR-1
 MX-24/APR-1. SIMILAR TO TN-1/APR-1
 EXCEPT HAS CIRCUIT IMPROVEMENTS (LOW
 PASS FILTER) GIVING BETTER IMAGE REJEC-
 TION.

TN-2/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "A". PLUG IN TYPE; FREQUENCY RANGE:
 75 TO 300 MC WHEN USED IN CONNECTION
 WITH NAVY TYPES CPR-46AAO OR CPR-46ABC
 RADAR RECEIVERS OR AMPLIFIER STRIP
 AM-12/APR-1. CONTAINS TWO TYPE -955 VAC-
 UUM TUBES. PLUGS INTO CHASSIS MX-24/APR-1
 5/14/43 CGG:
 OCT. 43 RA:P1;CFH:D101C

TN-2A/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "A". PLUG IN TYPE; FREQUENCY RANGE:
 74 TO 320 MC WHEN USED IN CONNECTION
 WITH NAVY TYPES CPR-46AAO OR CPR-46ABC
 RADAR RECEIVERS OR AMPLIFIER STRIP
 AM-12/APR-1. CONTAINS TWO TYPE -955 VAC-
 UUM TUBES. PLUGS INTO CHASSIS MX-24/APR-1
 11/13/43 CFM:
 DEC. 43 RA:P1;CFH:D101C

TN-2A/APR-1
 SIMILAR TO TN-2/APR-1 EXCEPT INCLUDES
 MOTOR-DRIVEN SWEEP FOR MAIN TUNING DIAL
 WHICH OPERATES AT RATE OF 1 COMPLETE
 SWEEP PER MINUTE. POWER FOR THE AUTO-
 SWEEP IS BROUGHT IN THRU A JACK MOUNTED
 ON THE FRONT AND REAR PANEL AT 28 V.
 SAME AS ARMY MODEL TU-588.

TN-2B/APR-1 AN/APR-1B RESTRICTED
 TUNING UNIT:
 TUNES OVER THE FREQUENCY BAND OF 74 TO
 300 MC. PLUG IN TYPE WITH MOTOR DRIVE
 AND ADJUSTABLE SECTOR SWEEP. INTERCHANGE-
 ABLE WITH MANUALLY TUNED TUNING UNIT
 TN-2/APR-1
 AND MOTOR DRIVEN TUNING UNIT
 4/3/44 CGG:
 SEPT. 44

TN-2A/APR-1
 TN-2A/APR-1 EXCEPT ALSO HAS ADJUSTABLE
 SECTOR SWEEP. SIMILAR TO TN-17/APR-4
 EXCEPT HAS DIFFERENT GEARING. USED WITH
 AM-12/APR-1 AND RDO EQUIPMENT. CAN BE
 USED WITH PANORAMIC ADAPTER.

TN-2C/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "A". PLUG IN TYPE; FREQUENCY RANGE:
 75 TO 300 MC WHEN USED IN CONNECTION
 WITH NAVY TYPES CPR-46AAO OR CPR-46ABC
 RADAR RECEIVERS OR AMPLIFIER STRIP
 AM-12/APR-1. CONTAINS TWO TYPE -955 VAC-
 UUM TUBES. PLUGS INTO CHASSIS MX-24/APR-1
 8/14/44 CGG:
 AUG. 44 RA:P1;CFH:D101C

TN-2C/APR-1
 SIMILAR TO TN-2/APR-1 EXCEPT HAS CIRCUIT
 IMPROVEMENT (BAND PASS FILTER) GIVING
 BETTER IMAGE REJECTION.

TN-3/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "B". PLUG IN TYPE; FREQUENCY RANGE:
 300 TO 1000 MC WHEN USED IN CONNECTION
 WITH NAVY TYPES CPR-46AAO OR CPR-46ABC
 RADAR RECEIVERS OR AMPLIFIER STRIP
 AM-12/APR-1. CONTAINS ONE TYPE -955 VAC-
 UUM TUBE. PLUGS INTO CHASSIS MX-24/APR-1.
 5/14/43 CGG:
 OCT. 43 RA:P2;CFH:D102C

TN-3A/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "B". PLUG IN TYPE; FREQUENCY RANGE:
 300 TO 1000 MC WHEN USED IN CONNECTION
 WITH NAVY TYPES CPR-46AAO OR CPR-46ABC
 RADAR RECEIVERS OR AMPLIFIER STRIP
 AM-12/APR-1. CONTAINS ONE TYPE -955 VAC-
 UUM TUBE. PLUGS INTO CHASSIS MX-24/APR-1.
 11/13/43 CFM:
 DEC. 43 RA:P2;CFH:D102C

TN-3A/APR-1
 SIMILAR TO TN-3/APR-1 EXCEPT INCLUDES
 MOTOR-DRIVEN SWEEP FOR MAIN TUNING DIAL
 WHICH OPERATES AT THE RATE OF 1 COMPLETE
 SWEEP PER MINUTE. POWER FOR THE AUTO-
 SWEEP IS BROUGHT IN THRU A JACK MOUNTED
 ON THE FRONT AND REAR PANEL AT 28 V.
 SAME AS ARMY MODEL TU-578.

TN-3B/APR-1 AN/APR-1B RESTRICTED
 TUNING UNIT
 TUNES OVER THE FREQUENCY BAND OF 300 TO
 1000 MC. PLUG-IN TYPE WITH MOTOR DRIVE
 AND ADJUSTABLE SECTOR SWEEP. INTERCHANGE-
 ABLE WITH TUNING UNIT TN-3/APR-1
 (MANUALLY TUNED) AND TN-3A/APR-1 (MOTOR
 DRIVEN) EXCEPT MODIFIED FOR USE WITH
 4/3/44 CGG:
 SEPT. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

TN-3B/APR-1
 ADAPTER. USED WITH AM-12/APR-1 AND RDO EQUIPMENT AND CAN BE USED WITH PANORAMIC ADAPTER.

TN-4A/APR-1
 CHASSIS MX-24/APR-1. IDENTICAL TO TN-4/APR-1 EXCEPT FOR A DIFFERENT MFGR. AND NON-INTERCHANGEABILITY OF COMPONENTS.

TN-55/AXR-3 AN/AXR-3
 TUNING UNIT: CONFIDENTIAL
 CONTAINS R.F. AMPLIFIER, CONVERTER AND HF OSCILLATOR TUBE AND AN IF PREAMPLIFIER WITH LOW IMPEDANCE OUTPUT TO FEED A TRANSMISSION LINE TO THE I.F. AMPLIFIER OF AM-54/AXR-3. RF CONVERTER AND OSCILLATOR TUNING GANGED TO ONE TUNING CONTROL WHICH IS MARKED TO INDICATE FREQ. SETTING OVER THE RANGE. FREQUENCY RANGE 264 TO 372 MC. APPROX. SIZE 4" X 6" X 8". APPROX. WT. 5 LBS. USES (2) 6J4 (2) 6CJ AND (1 OR 2) 6 AC 7 TUBES.

TN-3C/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "B". PLUG IN TYPE; FREQUENCY RANGE: 300 TO 1000 MC WHEN USED IN CONNECTION WITH NAVY TYPES CPR-46AAO OR CPR-46ABC RADAR RECEIVERS OR AMPLIFIER STRIP AM-12/APR-1. CONTAINS ONE TYPE -955 VACUUM TUBE. PLUGS INTO CHASSIS MX-24/APR-1
 8/2/44 CGG:
 AUG. 44 RA:CFH:

TN-6/ARC-5 AN/ARC-5
 ANTENNA LOADING COIL: RESTRICTED
 FOR TUNING OUTPUT CIRCUIT OF TRANSMITTER T-16/ARC-5 OR T-17/ARC-5 INTO A FIXED AIRCRAFT ANTENNA IN THE FREQUENCY RANGE OF 1 TO 1.5MC. MINIMUM ANTENNA CAPACITY 60 MICRONICROFARAD.
 7/1/43 CBY: CBY:10083
 DEC. 43

TN-55/AXR-3
 TUNING UNIT: RESTRICTED
 PLUG IN TYPE TUNING UNIT OPERATING FROM 1000 TO 3000 MC. CONSISTS OF CAVITY TYPE OSCILLATOR, 44682 LIGHTHOUSE TUBE, MIXER ASSEMBLY CY-13/APR-5. USED WITH AMPLIFIER STRIP AN-55/SPR-2 AND ANTENNA ASSEMBLY CAGM-66131. MOUNTS IN CHASSIS 2/15/45
 FEB. 45

TN-3C/APR-1
 SIMILAR TO TN-3/APR-1 EXCEPT HAS CIRCUIT MODIFICATIONS TO ADAPT IT FOR USE WITH PANORAMIC ADAPTERS.

TN-8/APX-1 AN/APX-1,2
 TUNING UNIT: CONFIDENTIAL
 COMPRISES A SUPER REGENERATIVE RECEIVER & A TRANSMITTER TUBE ON A COMMON TANK. TUNABLE OVER THE FREQUENCY RANGE OF THE "G" BAND. USES 3 TUBES: 9006 RF DETECTOR, -6C4 RECEIVER, & -6C4 TRANSMITTER. IT IS MOUNTED ON THE FRONT PANEL OF THE TRANS-8/14/43 CHZ:A-2084
 SEPT 43 CCT:CWQ:CWS:CZR:

TN-56A/SPR-2 AN/SPR-2A
 TUNING UNIT: RESTRICTED
 PLUG IN TYPE TUNING UNIT OPERATING FROM 1000 TO 3000 MC. CONSISTS OF CAVITY TYPE OSCILLATOR, 44682 LIGHTHOUSE TUBE, MIXER ASSEMBLY CY-13/APR-5. USED WITH AMPLIFIER STRIP AN-55/SPR-2 AND ANTENNA ASSEMBLY CAGM-66131. MOUNTS IN CHASSIS 2/15/45
 FEB. 45

TN-3D/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "B". PLUG IN TYPE; FREQUENCY RANGE: 300 TO 1000 MC WHEN USED IN CONNECTION WITH NAVY TYPES CPR-46AAO OR CPR-46ABC RADAR RECEIVERS OR AMPLIFIER STRIP AM-12/APR-1. CONTAINS ONE TYPE -955 VACUUM TUBE. PLUGS INTO CHASSIS MX-24/APR-1.
 8/14/44 CGG:
 AUG. 44 RA:CFH:

TN-8/APX-1
 Ponder with which it is used & is supplied with power by a plug-in arrangement when mounted.

TN-56A/SPR-2
 MX-214/SPR-2 HAS SINGLE DIAL TUNING. WT. APPROX. 15 LBS. SIZE: APPROX: 6" X 10" X 20". PART OF AN/SPR-2A. SIMILAR TO TN-56/SPR-2 EXCEPT FOR MINOR DESIGN CHANGES.

TN-3D/APR-1
 SIMILAR TO TN-3/APR-1 EXCEPT HAS CIRCUIT IMPROVEMENTS (BAND PASS FILTER) GIVING BETTER IMAGE REJECTION.

TN-35/APX AN/APX-1.
 TUNING UNIT: CONFIDENTIAL
 TUNABLE OVER THE FREQUENCY RANGE OF "B" BAND INCLUDES FOUR TUBES 3-6J4 AND 1-9006 RF DETECTOR AND TWO SEPARATE TANK CIRCUITS MOUNTS ON THE FRONT PANEL OF ASSOCIATED RECEIVER TRANSMITTER. POWER SUPPLIED BY PLUG IN
 3/8/44 CHZ:A2906
 NOV. 44

TN-57A/SPR-2 AN/SPR-2A
 TUNING UNIT: RESTRICTED
 PLUG IN TYPE TUNING UNIT OPERATING FROM 3000 TO 6000 MC. CONSISTS OF CAVITY TYPE OSCILLATOR, 44682 LIGHTHOUSE TUBE, MIXER ASSEMBLY CY-12/APR-6. USED WITH AMPLIFIER STRIP AN-55/SPR-2 AND ANTENNA ASSEMBLY AS-45A/APR-6. MOUNTS IN CHASSIS 2/15/45
 FEB. 45

TN-4/APR-1 AN/APR/1
 TUNING UNIT: RESTRICTED
 BAND "B". PLUG IN TYPE; FREQUENCY RANGE: 1000 TO 3000 MC USED WITH NAVY TYPES CPR-46AAO OR CPR-46ABC RADAR RECEIVERS OR AMPLIFIER STRIP AM-12/APR-1. EMPLOY A TYPE GL-4468 TUBE AND IN-21 CRYSTAL. PLUGS INTO
 5/14/43 CGG:
 SEPT. 44 RA:P3;CFH:D103C

TN-35/APX
 ARRANGEMENT FROM ASSOCIATED RECEIVER-TRANSMITTER. SAME AS TUNING UNIT TN-8/APX-1 EXCEPT COVERS DIFFERENT FREQUENCY RANGE. FIRST PROCURED ON CONTRACT NXS 43402.

TN-57A/SPR-2
 MX-214/SPR-2. HAS SINGLE DIAL TUNING. WT. APPROX. 15 LBS. SIZE: APPROX. 6" X 10" X 20". PART OF AN/SPR-2A. SIMILAR TO TN-57/SPR-2 EXCEPT FOR MINOR DESIGN CHANGES.

TN-4/APR-1
 CHASSIS MX-24/APR-1.

TN-50/CRW-2A CONFIDENTIAL
 TUNING UNIT:
 CONSISTS OF AN RF AND DETECTOR TUNING UNIT COVERING THE FREQUENCY RANGE FROM 80 TO 90 MC. CONTAINS ALL COMPONENTS PECULIAR TO OPERATION OF RADIO RECEIVER R-75/CRW-2A. CONSISTS OF A SCREW-MOUNTED CHASSIS CONTAINING TUBES TUNING CONTROL
 3/16/44
 APR. 45A

TN-58/SPR-2 AN/SPR-2
 TUNING UNIT: RESTRICTED
 PLUG IN TYPE TUNING UNIT OPERATING FROM 6000 MC TO 10000 MC. CONSISTS OF CAVITY TYPE OSCILLATOR AND A MIXER ASSEMBLY. USED WITH AMPLIFIER STRIP AN-55/SPR-2 AND ANTENNA ASSEMBLY AS-45A/APR-6. MOUNTS IN CHASSIS MX-214/SPR-2. HAS
 6/5/44
 NOV. 44

TN-4A/APR-1 AN/APR-1
 TUNING UNIT: RESTRICTED
 BAND "C". PLUG IN TYPE; FREQUENCY RANGE: 950 TO 3400 MC WHEN USED IN CONNECTION WITH NAVY TYPES CPR-46AAO OR CPR-46ABC RADAR RECEIVERS OR AMPLIFIER STRIP AM-12/APR-1. CONTAINS ONE EACH OF TYPES -703A & -6E5 VACUUM TUBES. PLUGS INTO
 11/13/43 CFW:
 NOV. 43 RA:P3;CFH:D103C

TN-50/CRW-2A
 TROLS AND ALL COMPONENTS NECESSARY FOR DETECTION AND AMPLIFICATION OF RF SIGNALS. THE ENTIRE ASSEMBLY IS ENCLOSED IN A METAL SHIELD 3" X 3" X 4".

TN-58/SPR-2
 SINGLE DIAL TUNING. WT. APPROX. 15 LBS. SIZE APPROX. 6" X 10" X 20".

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED | ISSUED |
|------|----------------------------|-------------------------------|----------|--------|------|----------------------------|-------------------------------|----------|--------|------|----------------------------|-------------------------------|----------|--------|
|------|----------------------------|-------------------------------|----------|--------|------|----------------------------|-------------------------------|----------|--------|------|----------------------------|-------------------------------|----------|--------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | |
|-----------------------|--------------------|--|-----------------------|--|--|---|---|---|--|
| TN-79/UP | TS-182/UP | CONFIDENTIAL TUNING UNIT: CONTAINS OSCILLATOR AND DIODE RECTIFIER AND ASSOCIATED CIRCUITS CONTAINED IN ONE UNIT WHICH MOUNTS IN TS-182/UP AND ENABLES OPERATION ON MK 3 IFF FREQUENCIES. MAY BE REMOVED AND REPLACED BY A SIMILAR UNIT TO COVER DIFFERENT FREQUENCY RANGE. 10/10/44 OCT. 44 | TN-90/APX-1A | | CONFIDENTIAL PONDER WITH WHICH IT IS USED & IS SUPPLIED WITH POWER BY A PLUG-IN ARRANGEMENT WHEN MOUNTED. SIMILAR TO EXCEPT FOR DESIGN CHANGES BUT NOT INTERCHANGEABLE WITH TN-8/APX-1. | TS-5/AP | | AND HUBBELL BODY 7259 AT THE OTHER END. AND ONE COAX. VIDEO PATCHING CABLE 6 FT. LONG WITH STANDARD 50Ω UH PLUGS AT EACH END WITH A 72Ω JONES ADAPTER AT ONE END. DIMENSIONS: 13" X 12" X 9 1/4". WT. 28 LBS. | |
| | TN-79/UP | APPROX SIZE: 9" X 4" X 4 1/2". PART OF TS-182/UP. | TN-103/APX AN/APX-1.2 | CONFIDENTIAL TUNING UNIT: WHEN USED WITH ASSOCIATED EQUIPMENT ACCEPTS SYNCHRONIZED PULSED SIGNALS SIMULTANEOUSLY ON MK3 "G" BAND AND "S" BAND. REPLIES ON MK 3, "G" BAND ONLY. CONSISTS OF TWO RECEIVER CIRCUITS AND ONE TRANSMITTER OSCILLATOR AND MODULATOR. MECHAN-3/6/45 MAR. 45 | TS-7/ASQ | NOAS-361 MAGNETIC FIELD COMPENSATOR: CONFIDENTIAL CONSISTS OF CONTROL BOX WITH CABLES TO CONNECT TO THREE ELECTROMAGNETS WHICH CAN BE ARRANGED MUTUALLY PERPENDICULAR. THE CONTROL BOX HAS A METER FOR MEASURING CURRENT IN COILS AND RESISTORS FOR CONTROLLING THIS CURRENT. USED FOR 2/17/43 CGO: MAR. 43 | | | |
| TN-80/UP | TS-182/UP | CONFIDENTIAL TUNING UNIT: CONTAINS OSCILLATOR AND DIODE RECTIFIER AND ASSOCIATED CIRCUITS CONTAINED IN ONE UNIT WHICH MOUNTS IN TS-182/UP AND ENABLES OPERATION ON MK 4 IFF FREQUENCIES. MAY BE REMOVED AND REPLACED BY A SIMILAR UNIT TO COVER DIFFERENT FREQUENCY 10/10/44 OCT. 44 | TN-103/APX | | ICALLY INTERCHANGEABLE WITH TUNING UNIT TN-8/APX-1 BUT EXTENDS AN ADDITIONAL 1 1/2" IN FRONT OF PANEL. OBTAINS POWER AND TIME SHARING VOLTAGE FROM ASSOCIATED TRANSPONDER. | TS-7/ASQ | | CANCELLING THE RESIDUAL FIELDS IN AIRCRAFT THEREBY PROVIDING A MEANS OF DETERMINING THE STRENGTH OF PERMANENT MAGNETS USED IN AN/ASO EQUIPMENTS. INPUT 6 OR 12 OR 24 VOLTS DC | |
| | TN-80/UP | RANGE. APPROX SIZE: 9" X 4" X 4 1/2". USED WITH BUT NOT PART OF TS-182/UP. | TN-109/ARW-26A | RESTRICTED TUNING UNIT: ALUMINUM CASE; RF CONVERTER AND OSCILLATOR TUNING GANGED TO ONE TUNING CONTROL WHICH IS MARKED TO INDICATE THE FREQUENCY RANGE 60 TO 74 MC. PLUG-IN TUNING UNIT. TUNABLE OVER RANGE OF 60 TO 74 MC. SIMILAR TO TUNING UNIT TU-55 5/5/45 MAY 45A | TS-8/U | NOAS-361 OSCILLOSCOPE CALIBRATOR: SINGLE UNIT. CONSISTS OF A TRANSFORMER, A VOLTMETER AND A VOLTAGE DIVIDER. INPUT 110/1/60; ARRANGED SUCH THAT .1, 1., 10, 20 AND 100 VOLTS. PEAK TO PEAK MAY BE PUT ON SCOPE SCREEN FOR CALIBRATION PURPOSES. INPUT 115/1/60. 2/17/43 CGO: MAR. 43 | | | |
| TN-81/AXR | AN/AXR-1 | CONFIDENTIAL AIRBORNE TELEVISION RF TUNING UNIT WHICH INCLUDES RF AMPLIFIER, OSCILLATOR AND FIRST DETECTOR. CONTINUOUSLY TUNEABLE OVER FREQUENCY RANGE 260 TO 380 MC WITH LINEAR FREQUENCY TUNING CHARACTERISTIC. HAS A BANDWIDTH OF 6 MC. PHYSICALLY 10/25/44 CFN: OCT. 44 | TN-109/ARW-26 | | EXCEPT COVERS GREATER FREQUENCY RANGE. PART OF RADIO RECEIVING SET AN/ARW-26A. PROCURED ON NOAS-6486. | TS-8A/U | NOAS-361 OSCILLOSCOPE CALIBRATOR: SINGLE UNIT. CONSISTS OF A TRANSFORMER, A VOLTMETER, & A VOLTAGE DIVIDER. INPUT 115/1/60; ARRANGED SUCH THAT .01, .1, 1.0, 10, & 100 VOLTS PEAK TO PEAK MAY BE PUT ON SCOPE SCREEN FOR CALIBRATION PURPOSES. SAME AS OSCILLOSCOPE CALIBRATOR 10/26/43 CGO: OCT. 43 | | |
| | TN-81/AXR | INTERCHANGEABLE WITH RF. SECTION OF THE ARK RECEIVER OR OF R-68/AXR-1 WITHOUT RF AMPLIFIER. USED WITH BUT NOT PART OF ARK RECEIVER AND R-68/AXR-1. OBTAINS POWER FROM THE ASSOCIATED RECEIVER. | *TS-1/ARR-1 *AN/ARR-1 | CONFIDENTIAL TEST OSCILLATOR: FREQ 246 MC MODULATED AT 710 KC. INCLUDES TWO -955 VACUUM TUBES. OBTAINS POWER FROM INTERNAL BATTERIES. AN NOMENCLATURE FOR NAVY TYPE -60013. (-60013) 12/22/42 (CW)(CZR)(CZE) CW:ESO-990132 MAY 43 | TS-8/U | EXCEPT PROVIDES FOR AN ADDITIONAL MORE SENSITIVE (0.01 VOLT PEAK TO PEAK) SWEEP ON SCOPE. | | | |
| TN-88/UP | AN/APX-6 | CONFIDENTIAL TUNING UNIT: CONSISTS OF TWO TUNING MOTORS, A GEAR SYSTEM AND TWO ROTARY SWITCHES DRIVING TUNING MECHANISMS OF FRONT PANEL ASSEMBLY RF-29/APX-6. INPUT 26V DC. MAY BE MOUNTED ON RF-29/APX-6. 11/22/44 APR. 45 | TS-5/AP | CONFIDENTIAL RANGE CALIBRATOR: A PORTABLE DEVICE USED TO CALIBRATE, CHECK AND ADJUST CLASS B AND PPI INDICATORS. FOR USE IN PLANES AND DEPOT TEST EQUIP. CONSISTS OF A START-STOP MULTIVIBRATOR, ONE POWER CABLE 20 FT LONG WITH CONNECTOR AN-3106-22-10P AT ONE END 2/10/43 CW:X-61712A CW:ES-825020 DEC. 44A | TS-9/ASQ | GENERAL USE TUBE TESTER: HAS 6 OCTAL SOCKETS, SECTOR SWITCH, TRANSFORMER, AND RHEOSTATS. USED WITH A 2-FOOT CABLE WHICH HAS A PLUG AND A RECEPTACLE. FOR USE IN TESTING MUTUAL CONDUCTANCE AND HEATER TO CATHODE LEAKAGE FOR -6K5G AND 12SL7-GT TUBES. INPUT 115/1/60 AND 500 VOLTS DC. 2/18/43 CGO: JUN. 44 | | | |
| TN-90/APX-1A | AN/APX-1A, &2K | CONFIDENTIAL TUNING UNIT: COMPRISES A SUPER REGENERATIVE RECEIVER & A TRANSMITTER TUBE ON A COMMON TANK, TUNABLE OVER THE FREQUENCY RANGE OF THE "G" BAND. USES 3 TUBES: 9006 RF DETECTOR, -6C4 RECEIVER, & -6C4 TRANSMITTER. IT IS MOUNTED ON THE FRONT PANEL OF THE TRANS-11/30/44 CHZ: NOV. 44 CCT:CMQ:CMS:CZR: | TS-9/AP | CONFIDENTIAL (FROM EQUIPMENT TO BE TESTED). APPROXIMATE SIZE 6 13/16" X 9 13/32" X 17 7/16". WT. 15.3 LBS. FIRST PROCURED ON CONTRACT NOAS-361. | | | | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|--------------------|-------------------------------|---|--------------------|-------------------------------|
| TS-9A/ASQ | GENERAL USE | | TS-14/AP | NOA9-340 | | *TS-24/ARR-2 | *AN/ARR-2 | |
| <p>TUBE TESTER: HAS FOUR OCTAL SOCKETS, SELECTOR SWITCH, TRANSFORMER, INDICATING METER, AND RHEOSTATS, AND BUILT IN VACUUM TUBE VOLT-METER. FOR USE IN CHECKING CUTOFF AND HEATER TO CATHODE LEAKAGE FOR 6K5 G, 6Q7-G, AND 12SL7 GT INPUT 115/1/60 4/26/44 CGG: SEPT. 44</p> | | | <p>FIELD TEST SET RESTRICTED CONSISTS OF: SIGNAL GENERATOR "Sa" BAND, FREQUENCY COMPARATOR, WATTMETER & CABLES. OPERATES ON 115 VOLTS 1 PHASE 50 TO 800 CYCLES. USED FOR FIELD TESTING OF "Sa" BAND RADAR. ASC, ASG-1, AN/APS-2, ASC, SCR-517(), ETC. 3/23/43 JULY 43</p> | | | <p>TEST OSCILLATOR: CONFIDENTIAL CARRIER FREQ. 246 MC; INCLUDES 6 MODULATION FREQ. CHANNELS EACH TUNABLE OVER THE RANGE 540 TO 830 KC WITH ASSOCIATED CHANNEL SELECTOR SWITCH. OBTAINS POWER FROM INTERNAL BATTERIES (TWO NAVY TYPE -19020 AND TWO TYPE-19021), FOR USE WITH 4/23/43 CM:D-152147 CW: JULY 44 CW:ESR-990295</p> | | |
| TS-9A/ASQ | | | TS-14A/AP | | | *TS-24/ARR-2 | | |
| <p>APPROX SIZE 6 13/16"X9 13/32" X17 7/16". SAME AS TS-9/ASQ EXCEPT FOR CIRCUIT CHANGES WHICH ADAPT THIS UNIT FOR USE WITH 6Q7-G IN ADDITION TO 6K5-G AND 12SL7-GT WHICH TS-9/ASQ WILL TEST. WT. 15.3 LBS. FIRST PROCURED ON CONTRACT NOA9-361.</p> | | | <p>FIELD TEST SET RESTRICTED CONSISTS OF: SIGNAL GENERATOR "S" BAND, FREQUENCY COMPARATOR, WATTMETER & CABLES. OPERATES ON 115 VOLTS 1 PHASE 50 TO 800 CYCLES. USED FOR FIELD TESTING OF "S" BAND RADAR AND RADAR BEACONS, SUCH AS ASG, ASG-1, AN/APS-2, ASC, AND AN/CPN-17. 2/22/45 MAR. 45</p> | | | <p>BUT NOT A PART OF *AN/ARR-2. -2X, -2A, -2AX MAY ALSO BE USED WITH *AN/ARR-1. REPLACED BY *TS-24A/ARR-2 TEST OSCILLATOR.</p> | | |
| TS-10/APN | *AN/ARN-1 | | SCR-517(), ETC. | TS-14A/AP | | *TS-24A/ARR-2 | *AN/ARR-2 | |
| <p>TEST SET: A PORTABLE 50 OHM DELAY LINE TEST SET CONSISTING OF A CARRYING CASE CONTAINING 2 LENGTHS OF CABLE RC-30/U, ONE 87" AND ONE 396" IN LENGTH, AN RF INDUCTIVE ATTENUATOR, CRV TYPE TX-2234, AND AN OPERATING INSTRUCTION BOOK. TO BE USED FOR QUICK CHECK OF 2/20/43 CRV: OCT. 43</p> | | | <p>SIMILAR TO TS-14/AP EXCEPT FOR CHANGE IN ABILITY TO VARY PULSE WIDTH FROM 1 TO 7 MICROSECS. INSTEAD OF 1 TO 2.8 AND ALSO INCLUDES SHOCKMOUNTS.</p> | | | <p>TEST OSCILLATOR: RESTRICTED CARRIER FREQ. 246 MC; INCLUDES 6 MODULATION FREQ. CHANNELS EACH TUNABLE OVER THE RANGE 540 TO 830 KC WITH ASSOCIATED CHANNEL SELECTOR SWITCH. OBTAINS POWER FROM BATTERIES (TWO NAVY TYPE -19020 & TWO -19021) OR EXTERNAL SOURCE. FOR USE 3/4/44 CM:D-152444 CW: MAR. 45 CW:ESR-990740</p> | | |
| ALTIMETER EQUIP- | TS-10/APN | | TS-15/AP | NXSA-21899 | | WITH | *TS-24A/ARR-2 | |
| <p>MENT. RC-24- & RADIO SET *AN/APN-1 & AN/ARN-1. MAY ALSO BE USED WITH ALTIMETER EQUIPMENT AY8-1, AYD & AYD-1 WHEN PROVIDED WITH 50 TO 72 OHM ADAPTER CU-20/APN. IMPROVED DESIGN OF 1-184. FORMERLY DESIGNATED TEST SET 1-184-A.</p> | | | <p>FLUXMETER RESTRICTED RANGE:1200 TO 4800 GAUSS. CONSISTS OF TWO MILLIAMMETERS IN SERIES, A RHEOSTAT AND SHUNTS; IS SELF CALIBRATING. POWERED FROM SELF CONTAINED BATTERIES. USED FOR MEASURING MAGNETS IN ASC, ASO, ASG, AN/APS-2 & SCR-517. 3/23/43 CMY:MFM-1 OCT. 44</p> | | | <p>BUT NOT A PART OF *AN/ARR-2, -2X, -2A, -2AX MAY ALSO BE USED WITH *AN/ARR-1. SAME AS *TS-24/ARR-2 EXCEPT HAS AUDIO TONE MODULATION AND HAS EXTERNAL POWER INPUT PROVISIONS: 6V 1/2A. FOR FILAMENT AND 90V @ 10 MA. FOR PLATE FURNISHED WITH RECEPTACLE AN-3102-18-11P, MALE PLUG AN-3106-18-11S & CABLE CLAMP AN-3057-10. REPLACES *TS-24/ARR-2.</p> | | |
| TS-11/AP | NOAS-414 | | TS-15A/AP | | | TS-28/UPN | AN/CPN-3 | RE 9054 A |
| <p>PORTABLE MILLIAMMETER RESTRICTED DOUBLE SCALE: 0 TO 1 & 0 TO 25 MILLIAMPS USED FOR CHECKING CRYSTAL, RECTIFIER AND OUTPUT TUBE CURRENT OF RADAR EQUIPMENTS (ASD, AIA & AN/APS-3). 3/23/43 CPK: APR. 43</p> | | | <p>FLUXMETER: RESTRICTED PORTABLE FIELD TYPE DIRECT READING INSTRUMENT FOR MEASURING THE FLUX DENSITY BETWEEN THE POLE FACES OF MAGNETS HAVING A GAP OF 0.6" AND A POLE FACE DIAMETER OF 3/4". ALSO THOSE HAVING A GAP OF 1.3" TO 1.5" AND A POLE FACE DIAMETER OF 11/17/43 CMY:MFM-2 SEPT. 44</p> | | | <p>SYNCHROSCOPE: CONFIDENTIAL INCLUDES A 5 INCH CATHODE RAY TUBE. RECURRENCE RATES ARE 330,500, AND 1000 PER SECOND. HAS INTERNAL CALIBRATION MARKERS & A 5MC VIDEO AMPLIFIER. POWER REQUIRED 255 WATTS AT 115V (±10%) SINGLE PHASE 50 TO 70 CY. DIMENSIONS APPROX: 18" X 5/11/43 CGG: MAR. 45</p> | | |
| TS-12/AP | NOAS-414 | | TS-17/ASQ | | | TS-28A/UPN | AN/CPN-3 | RE 9054 A |
| <p>STANDING WAVE INDICATOR CONFIDENTIAL CONSISTS OF: SLOTTED SECTION, PROBE AND FITTINGS, AMPLIFIER & METER. OPERATES ON 115 VOLTS 1 PHASE 60 TO 800 CYCLES. USED FOR BENCH TESTING OF RADAR "Xa" BAND EQUIPMENT. DELIVERED ON CONTRACT NOA9-414 AS TWO SEPARATE UNITS MARKED 3/23/43 CPK JULY 44</p> | | | <p>CALIBRATED MAGNET SET: RESTRICTED CONSISTS OF THREE IDENTICAL BAR MAGNETS 1/4" DIAMETER X 4" LONG AND A CARRYING CONTAINER 1-1/4" THICK X 4" WIDE X 5" LONG. USED FOR CALIBRATING AN/ASQ SERIES EQUIPMENT. 2/25/43 CGG: APR. 43</p> | | | <p>SYNCHROSCOPE: CONFIDENTIAL INCLUDES A 5 INCH CATHODE RAY TUBE. RECURRENCE RATES ARE 330,500, AND 1000 PER SECOND. HAS INTERNAL CALIBRATION MARKERS & A 5MC VIDEO AMPLIFIER. POWER REQUIRED 255 WATTS AT 115V (±10%) SINGLE PHASE 50 TO 70 CY. DIMENSIONS APPROX: 19" X 2/16/45 CGG: MAR. 45</p> | | |
| TS-12/AP | | | TS-18/AP | NXSA-18915 | | TS-28A/UPN | | |
| <p>TS-12/AP (UNIT 1) WHICH IS THE STANDING WAVE INDICATOR AND TS-12/AP (UNIT 2) WHICH CONTAINS THE PROBE AND ACCESSORIES.</p> | | | <p>RF VOLTAGE DIVIDER: RESTRICTED CONSISTS OF TWO SERIES CAPACITORS WITH A SPST SWITCH TO PARALLEL ONE OF THESE CAPACITORS WITH A THIRD CAPACITOR IN ORDER TO PROVIDE EITHER OF TWO PULSE VOLTAGE RATIOS; 100 TO 1 OR 15 TO 1. INCLUDES ONE INPUT TERMINAL, TWO 2/25/43 CWI: OCT. 43 CDE:20502 REV 1</p> | | | <p>22" X 22". WEIGHT APPROXIMATELY 140 POUNDS. ALSO USED IN TESTING MODEL YJ AND OTHER RADAR BEACONS. SIMILAR TO AND INTERCHANGEABLE WITH TS-28/UPN EXCEPT INCLUDES DIFFERENT SHOCKMOUNT ASSEMBLY, IMPROVED CASE AND MINOR CIRCUIT CHANGES.</p> | | |
| TS-13/AP | NOAS-414 | | | | | | | |
| <p>RADIO FREQUENCY TEST SET: RESTRICTED CONSISTS OF: SIGNAL GENERATOR, "Xa" BAND WAVEMETER, WATTMETER, PLUMING & FITTINGS. OPERATES ON 115 VOLTS 1 PHASE 60 TO 800 CYCLES. USED FOR BENCH & FIELD TESTING OF RADAR EQUIPMENT. ASD, AIA & AN/APS-3. 3/23/43 CPK: TYPE B NOV. 43</p> | | | <p>ASSIGNED ISSUED</p> | | | <p>ASSIGNED ISSUED</p> | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--|-------------------------------|---|---|-------------------------------|--|---|-------------------------------|
| TS-33/AP | AIRCRAFT | CONFIDENTIAL | TS-35A/AP | GEN. USE | CONFIDENTIAL | TS-48/AP | | |
| <p>FREQUENCY METER "X" BAND. USED FOR RADAR TUNING. CONSISTS OF A SINGLE SELF CONTAINED UNIT COMPRISING A VARIABLE TUNED COAXIAL CAVITY, DC METER, NON CALIBRATED ATTENUATOR, PICK UP CABLE & PROBE AND A CRYSTAL RECTIFIER. FOR USE IN CHECKING THE 5/25/43 CM:X61717 CM:ES-807770 APR. 44</p> | | | <p>SIGNAL GENERATOR: CONFIDENTIAL CONSISTS OF SIGNAL GENERATOR TS-35/AP MODIFIED TO INCLUDE A WIDE BAND ATTENUATOR WITH INCREASED DIAL SPEED, BROAD BAND 34 db PAD, A MEANS OF PROVIDING AN FM SIGNAL IN ADDITION TO THE PULSED SIGNAL PROVIDED IN THE TS-35/AP 8/1/44 CM:X-617218 CM:B-434446 MAY 45</p> | | | <p>ASSEMBLY AS-23/AP & OTHER FOR CABLE TO RESONANCE INDICATOR). THE UNIT IS TO BE USED FOR ALIGNING AND/OR MONITORING RADAR EQUIPMENT WITHIN ITS FREQUENCY RANGE. OVERALL DIMENSIONS: 9-1/2" LONG & 6" DIAMETER. FIRST PURCHASED UNDER NAVY CONTRACT NX9a-25890.</p> | | |
| | TS-33/AP | | | TS-35A/AP | | | TS-51/APG-4 | AN/APG-4 |
| | <p>FREQUENCY OF RADAR EQUIPMENTS WITHIN THE RANGES OF MODEL SERIES: A1A, ASD, ASF, AN/APS-3, AN/APS-4, AN/APS-5, AND AN/APS-6. WT. 8 LBS. OVERALL DIMENSIONS 7 1/16" X 9" X 5 7/8". FIRST SUPPLIED UNDER NAVY CONTRACT N0a9-429 & SIGNAL CORPS ORDER 11925-WF-43.</p> | | | <p>& A COMPENSATED THERMOSTAT BRIDGE CIRCUIT. USED TO MEASURE FREQUENCY, POWER, FREQUENCY PULLING AND A WIDE VARIETY OF QUANTITATIVE MEASUREMENTS ON PERFORMANCE OF VARIOUS RADARS USING X BAND FREQUENCIES. DIMENSIONS: 15 5/8" X 11 1/4" X 10 5/8" WEIGHT: 32 LBS.</p> | | | <p>TEST SET: CONFIDENTIAL CONSISTS OF A DELAY LINE WHICH PROVIDES AN EFFECTIVE DELAY EQUIVALENT TO 350 ±20 AND 750 ±50 FT. AND A PHASE MODULATOR FOR PRODUCING A DOPPLER EFFECT EQUIVALENT TO A SPEED OF 90 TO 250 KNOTS. USED FOR TESTING THE PERFORMANCE & OPERATION OF 7/27/43 CRV: CRV:215202 JULY 44</p> | |
| | TS-34/AP | AIRCRAFT | | TS-45/APH-3 | AN/APH-3 | | TS-51/APG-4 | |
| | <p>OSCILLOSCOPE RESTRICTED PORTABLE HIGH-SPEED OSCILLOSCOPE SET. USED FOR RADAR TESTING. CONSISTS OF A PORTABLE OSCILLOSCOPE COMPLETE IN ONE UNIT INCLUDING POWER SUPPLY, CARRYING CASE AND CONNECTING CORD PLUS PROBE ASSEMBLY CONSISTING OF A 43" 90 OHM 5/25/43 CM:X617138 CM:B-410450 OCT. 44</p> | | | <p>RADAR TEST UNIT: CONFIDENTIAL X BAND RADAR TEST UNIT (PORTABLE): BOX OVERALL 11-5/8"X9"X7-1/8"; WT 20 LBS; CONTAINS X BAND WAVE GUIDE ATTENUATOR, VARIABLE 0-30DB, 723-A X BAND OSCILLATOR TUBE, WAVEMETER CALIBRATED 9230 TO 9460 MC, PLUS OR MINUS 2 MC. POWER INPUT: 7/10/43 CM:D-15169C CM:80-12089 SEPT 43 CJP: ISSUE 2</p> | | | <p>RADAR EQUIPMENT AN/APG-4. INPUT 13 OR 26V DC. INCLUDES FOUR 8" CABLES WT. APPROX. 45 LBS. FIRST PURCHASED UNDER NAVY CONTRACT NX9a-35041.</p> | |
| | | TS-34/AP | | TS-45/APH-3 | | | TS-56/AP | ASB SERIES |
| | <p>COAXIAL CABLE & SMALL BOX CONTAINING THE ATTENUATOR. OVERALL DIMENSIONS 9 3/4" X 29" X 12 3/4". FIRST SUPPLIED UNDER NAVY CONTRACT N0a9-1277. INPUT: 115/14/50 TO 1200 CYCLES.</p> | | | <p>50 WATTS AT 115/1/50-800.</p> | | | <p>TEST SET: CONFIDENTIAL SET PROVIDES MEANS OF DETERMINING THE STANDING WAVE RATIOS ON ANTENNA TRANSMISSION LINES. CONSISTS OF A SLOTTED LINE, 18-1/2" LONG WITH ENDS TERMINATING IN FITTINGS WHICH FIT "CPH" CONNECTOR 93-M; AN INDICATOR, CONTAINED IN A 7/30/43 CCK: SEPT 43</p> | |
| | TS-34A/AP | GEN USE | | TS-45A/APH-3 | AN/APH-3 | | TS-56/AP | ASB SERIES |
| | <p>OSCILLOSCOPE: RESTRICTED PORTABLE HI-SPEED OSCILLOSCOPE SET- CONSISTS OF A PORTABLE OSCILLOSCOPE COMPLETE IN ONE UNIT INCLUDING POWER SUPPLY, CONNECTING CORD AND PROBE ASSEMBLY CONSISTING OF A 43" 90 OHM COAXIAL CABLE & SMALL BOX CONTAINING ATTENUATOR & CASE 6/23/44 CM: CM:X61713C AUG. 44A</p> | | | <p>RADAR TEST UNIT: CONFIDENTIAL RADAR TEST UNIT (PORTABLE); CONTAINS RG-52/U WAVE GUIDE, WAVE GUIDE ATTENUATOR, VARIABLE 0-3C DE. METER, 723 OSCILLATOR TUBE, WAVE METER CALIBRATED 9300 TO 9450 MC ±2 MC. POWER INPUT 50 WATTS 115/1/50- TO 800-. SAME AS 8/14/43 CM:D-151776 JAN. 45 CJP:</p> | | | <p>SQUARE METAL BOX WHICH INCLUDES A 0-100 MICRO AMP DC METER, TUNED CIRCUIT, A VACUUM TUBE DETECTOR; 1-1/2 V BATTERY, FLASHLIGHT TYPE, BATTERY SWITCH & PROBE; A 4 FT CABLE CASSF-50-1 TERMINATED AT EACH END WITH "CPH" CONNECTOR 93-M (WITH INSERTS); & A WATERTIGHT CARRYING CASE SUITABLE FOR CONTAINING THE SLOTTED LINE, INDICATOR, CABLE, SPARE TUBE & BATTERIES.</p> | |
| | CT-213/AP. | SIZE. APPROX: TS-34A/AP | | TS-45/APH-3 | BUT HAS | TS-45A/APH-3 | | TS-56A/AP |
| | <p>23" X 11" X 12". SIMILAR TO AND WILL REPLACE TS-34/AP. DIFFERS FROM TS-34/AP IN FOLLOWING RESPECTS - EQUIPPED WITH DRIP PROOF COVERS AND IS MORE RESISTANT TO VIBRATION AND SHOCK. HAS IMPROVED DESIGN OF CONDENSERS AND TRANSFORMER INCORPORATED IN CIRCUITS. ALSO LIGHTER IN WEIGHT THAN TS-34/AP. FIRST PROCURED ON CONTRACT NX9a-51503.</p> | | | <p>BEEN REDESIGNED TO INCORPORATE A MORE RUGGED CONSTRUCTION (A DIFFERENT WAVE METER, IMPROVED COUPLING AND DECOUPLING ARRANGEMENT) DIMENSIONS: 11 1/4" X 10 3/4" X 8 1/2". WT. 22 LBS.</p> | | | <p>TEST SET: CONFIDENTIAL SET PROVIDES MEANS OF DETERMINING THE STANDING WAVE RATIOS ON ANTENNA TRANSMISSION LINES. CONSISTS OF A SLOTTED LINE 19 1/2" LONG, WITH ENDS TERMINATING IN FITTINGS WHICH FIT "CPH" CONNECTOR 93-M, AN INDICATOR CONTAINED IN A SQUARE 12/18/43 CUO: DEC. 43</p> | |
| | TS-35/AP | GEN. USE | | TS-46/AP | AIRCRAFT | | TS-56A/AP | |
| | <p>SIGNAL GENERATOR: CONFIDENTIAL OF A TESTING UNIT, SIGNAL GENERATOR CM:X-61721, AND CERTAIN ACCESSORIES, WHICH WITH A SCOPE AFFORDS A MEANS FOR CARRYING OUT A VARIETY OF QUANTITATIVE MEASUREMENTS OF PERFORMANCE OF "X BAND" RADAR TRANSMITTER & RECEIVERS. MEASURES 6/6/44 JUN. 44</p> | | | <p>FREQUENCY METER CONFIDENTIAL FOR MEASURING "S" BAND FREQUENCIES. INCLUDES A COAXIAL CAVITY, WHICH IS ADJUSTABLE BY MEANS OF A MICROMETER SCREW EXTENDING OUTSIDE THE METER CASE, A CRYSTAL DETECTOR AND A DC MICROAMMETER. 7/10/43 CM:150882 CM:ESR-696529 AUG 43 ISSUE 1</p> | | | <p>METAL BOX WHICH INCLUDES A 0-100 MICRO AMPERE DC METER, TUNED CIRCUIT, A VACUUM TUBE DETECTOR; 1 1/2 VOLT BATTERY, FLASHLIGHT TYPE, BATTERY SWITCH & PROBE; A 4 FT. CABLE CASSF-50 I TERMINATED AT EACH END WITH "CPH" CONNECTOR 93-M (WITH INSERTS) & A WATERTIGHT CARRYING CASE SUITABLE FOR CONTAINING THE SLOTTED LINE INDICATOR, CABLE, SPARE TUBE & BATTERIES.</p> | |
| | FREQ., POWER, RECEIVER | TS-35/AP | | TS-48/AP | AIRCRAFT | | TS-58/GRM-1 | AN/GRM-1 |
| | <p>SENSITIVITY, S/M RATIO AND T-R RECOVERY TIME, AND WITH FM ADAPTION, CAN BE USED TO DETERMINE FREQ. PULLING, AFC OPERATION (WITHOUT AN "A" SCOPE) AND BAND-WIDTH. ENCLOSED IN A METAL BOX 18" X 12" X 6". WT. 30# LESS ACCESSORIES. INCLUDES CX-128/AP, CG-60/AP, CG-61/AP, MX-135/AP CT-94/AP AND AT-39/AP.</p> | | | <p>PHANTOM TARGET CONFIDENTIAL CONSISTS OF A SEALED TYPE RESONANT CHAMBER WHICH IS MANUALLY ADJUSTABLE OVER THE "Sa" BAND. INCLUDES A SCALE TO INDICATE THE APPROXIMATE FREQUENCY SETTING AND TWO JACKS WHICH FIT NAVY TYPE -49268 RF PLUGS (ONE FOR CABLE TO ANTENNA 7/23/43 COY: MIT DWG. AUG. 43 T-115-B</p> | | | <p>TEST UNIT: RESTRICTED. COMPRISES 1 METER MOUNTED ON A PANEL FOR MEASURING INPUT, SCREEN & PLATE VOLTAGES, & OSCILLATOR & AMPLIFIER PLATE CURRENTS OF TRANSMITTERS OF RADIO EQUIPMENT AN/ARC-5 WHILE UNDER TEST WITH SCALE GRADED 0-100 AND 5 POSITION 8/6/43 CM: OCT. 43</p> | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|--|-----------------------|--------------------|---|
| | | TS-58/GRM-1 SWITCH TO PROVIDE FULL SCALE READING OF 0-50V, 0-500V, 0-1000V, 0-50MA AND 0-250MA. SIMILAR TO SIGNAL CORPS TYPE 1-85-B EXCEPT FOR CONSTANTS OF MEASURING CIRCUITS. | | | TS-60/U SIGNAL CORPS DESIGNATION, 1-139-A. | | | TS-76/APM-3 AN/APM-3 AUXILIARY TEST KIT: CONFIDENTIAL USED FOR TUNING A RECEIVER FOR MAXIMUM RESPONSE. CONTAINS TUBE ASSEMBLIES, HORN ASSEMBLY AND TEST METER TS-75/U WEIGHT 6#. DIMENSIONS 10" X 7" X 6". |
| | | *TS-59/APN-1 *AN/APN-1 TEST SET: RESTRICTED PROVIDES DELAY EQUIVALENT 1800 (OR SLIGHTLY OVER) FEET OF ALTITUDE BY MEANS OF CASCADED FILTER SECTIONS. EACH UNIT IS TO BE MARKED WITHIN 2% OF EXACT READING. PASSES SIGNAL 9.6 MC WIDE WITHIN "L" BAND. BRITISH REFERENCE NUMBER: 8/7/43 CRV: SEPT. 44 | | | TS-66/AP AN/APS-15 CONFIDENTIAL PHANTOM TARGET: CONSISTS OF THE FOLLOWING: RESONANCE CHAMBER WHICH TAKES RF ENERGY FROM THE CONNECTING WAVE GUIDE AND RETURNS RF ENERGY TO RECEIVER THUS FURNISHING IMAGE ON SCREEN. MOTOR FOR WOBBLING THE FREQ. A STEP RELAY FOR ADJUSTING THE CENTER 9/1/43 CRP: MAR. 45 | | | TO/2/43 CJP: SEPT 43 |
| | | *TS-59/APN-1 110S/107. THE ATTENUATION IS LESS THAN 75DB. WEIGHS 63 LBS. OPERATES IN TEMPERATURE RANGE -10° TO +52° C. USED WITH BUT NOT PART OF AN/APM-1. | | | TS-66/AP FREQUENCY, AND CABLE WITH 2 "N" TYPE CONNECTORS FOR CONNECTING RESONANCE CHAMBER TO WAVE GUIDE. OPERATES ON 26 (±3.5) V DC. | | | TS-76A/APM-3 AN/APM-3 AUXILIARY TEST KIT: CONFIDENTIAL CONSISTS OF TS-75A/U TEST METER COMPLETE WITH ADAPTERS UG-128/U, UG-129/U, UG-130/U, RF COUPLERS UG-120/U, UG-121/U, UG-122/U, PICK-UP ANTENNA AT-65/UP. CORD CG-150/U. USED TO TUNE AN "X" BAND RECEIVER FOR MAXIMUM RESPONSE WHEN USED 2/17/44 AUG. 44 |
| | | *TS-59/APN-1(XN-1)*AN/APN-1 TEST SET: RESTRICTED PROVIDES DELAY EQUIVALENT TO AT LEAST 1800 (OR SLIGHTLY OVER) FEET OF ALTITUDE BY MEANS OF CASCADED FILTER SECTIONS. EACH UNIT IS TO BE MARKED WITHIN 2% OF EXACT READING. PASSES SIGNAL 8 MC WIDE OR SLIGHTLY OVER 8/7/43 CRV: AUG. 44 | | | CANCELLED (NEVER USED) 3/8/45 | | | TS-76A/APM-3 WITH TS-45A/APM-3. DIMENSIONS: 10 1/4" X 7 1/6" X 7 13/16" WEIGHT: 7 1/2 LBS. SIMILAR TO TS-76/APM-3. |
| | | *TS-59/APN-1(XN-1) TEMPERATURE RANGE OF 5 TO 45°C. WEIGHS 55 LBS. USED WITH BUT NOT PART OF AN/APM-1. | | | TS-72/ARN-9 AN/ARN-9 TEST OSCILLATOR: RESTRICTED CONSISTS OF A DUAL FREQUENCY ELECTRO-MECHANICAL OSCILLATOR WHICH SUPPLIES SIGNALS TO CHECK THE OPERATION OF MODEL ZA SERIES OF EQUIPMENT OR RADIO SET AN/ARN-9. AN RF WAVE TRAIN HAVING A RECURRENCE RATE OF 60 CPS IS GENERATED FOR 9/14/43 CDE: AAG NOV. 43 | | | TS-78/U AN/ARC-4 CONFIDENTIAL PHANTOM TRANSMITTER ANTENNA: CONSISTS OF 3 G.E. MAZDA LAMPS #313.28V. -17A, BAYONET BASE IN PARALLEL AND PLUG TO FIT NAVY TYPE RECEPTACLE 49194 (CW:D-162865). PROVIDES A LOAD FOR THE TRANSMITTER DURING BENCH TUNING. IDENTICAL TO SIGNAL CORPS TYPE A-85-A 10/2/43 CW:D-150729 CW:ES0749431 MAY 44 |
| | | *TS-59A/APN-1 *AN/APN-1 TEST SET: RESTRICTED PROVIDES DELAY OF FROM 1900 TO 2000 FEET OF ALTITUDE BY MEANS OF CASCADED FILTER SECTIONS. EACH UNIT IS TO BE MARKED WITHIN 2% OF EXACT READING. PASSES SIGNAL 12 MC. WIDE WITHIN "L" BAND. BRITISH REFERENCE NUMBER: 110S/157. 12/27/43 OCT.-44 | | | RECEIVER-CONVERTER TS-72/ARN-9 R-43/ARN-9 (OR TYPE CDE-46120 GLIDE PATH RECEIVER) AND AN APPROX SQUARE WAVE SIGNAL OF 90 CPS IS AVAILABLE TO PROVIDE A DEFLECTION ON APPROACH INDICATOR 10-24/ARN-9 (EX CAY-22316). OPERATES FROM EITHER 13 OR 26 V DC. FITS MOUNTING PLATE MT-129/ARN-9. "AN" DESIGNATION FOR NAVY TYPE CDE-60050. | | | TS-78/U PHANTOM ANTENNA. APPROX. SIZE 2" DIA. X 3" LONG. |
| | | *TS-59A/APN-1 ATTENUATION 55 DB. WEIGHS 35 LBS. OPERATES IN TEMPERATURE RANGE OF -10° TO +52° C. USED WITH BUT NOT PART OF AN/APN-1. | | | TS-75/U AN/APM-3 TEST METER: USED FOR TUNING A RECEIVER FOR MAXIMUM RESPONSE. CONSISTS OF IF OUTPUT CRYSTAL RECTIFIER IN21, AND 0-200 MICROAMPERE DC INDICATING INSTRUMENT INCLOSED IN A CASE WITH AN ATTACHED CABLE WITH RF CONNECTOR. PART OF AUXILIARY TEST KIT TS-76/APM-3. 10/2/43 CJP: SEPT 43 | | | TS-79/U AN/ARC-4 RESTRICTED PHANTOM RECEIVER ANTENNA: CONSISTS OF A RESISTOR (IRC TYPE F-1/2 50 OHM ±5%) OR ALLEN BRADLEY TYPE EB 51 OHMS ±5% AND PLUG TO FIT NAVY TYPE RECEPTACLE 49194 (CW:D-162865). MATCHES IMPEDANCE OF OUTPUT OF SIGNAL GENERATOR TO THAT OF THE 10/2/43 CW:D-150892 CW:ES0-749431 MAY 44 |
| | | TS-60/U AN/APT-1:2:3 TEST METER: CONSISTS OF A 2 1/2" DIAMETER 0 TO 1 MA DC METER INCLOSED IN A CONTAINER TO WHICH IS ATTACHED A 5 FT. CABLE WITH A SPECIAL PLUG. INTERNAL RESISTANCE IS 93 OHMS. USED FOR TUNING OF EQUIPMENTS. AN/APT-1, 2, 3 AND FOR GENERAL TESTING. 8/19/43 CGM: JUN. 44 | | | TS-75A/U AN/APM-3A TEST METER: CONFIDENTIAL CONSISTS OF AN IF OUTPUT CRYSTAL RECTIFIER IN21, A 0-200 MICROAMPERE DC METER, AND 6 FT. RG-55/U CABLE ATTACHED TO THE METER AND TERMINATED AT THE OTHER END WITH AN RG-85/U RF PLUG. TO ENABLE THE METER TO BE CONNECTED TO THE PRE IF 2/9/44 CW:D151744 CW:BL28240 SEPT. 44 | | | TS-79/U RECEIVER DURING BENCH TUNING. IDENTICAL TO SIGNAL CORPS TYPE A-69-A PHANTOM ANTENNA. APPROX. SIZE 3/4" DIA. X 3" LONG. |
| | | | | | TS-75A/U STAGES OF AN/APS-4 OR SIMILAR RADAR EQUIPMENT. A THREE WAY SWITCH IS PROVIDED FOR SELECTION OF METER CONNECTION TO EXTERNAL BINDING POSTS, OR TO EXTERNAL BINDING POSTS THROUGH A SERIES CONNECTED 100,000 OHM RESISTOR, OR TO THE OUTPUT OF THE CRYSTAL RECTIFIER. SIMILAR TO AND INTERCHANGEABLE WITH TS-75/U. | | | TS-80/U AN/ARC-4 TEST METER: 0-1 DC MILLIAMETER COMPLETE WITH CASE, 2-CONDUCTOR CABLE AND PLUG (ARMY PL-55 OR NAF 1136-1). USED FOR PRE-TUNING THE TRANSMITTER AND RECEIVER OF AN/ARC-4. APPROX. SIZE 2"x3"x5" 10/2/43 CW:D-151324 OCT 43 |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

TS-83/ASQ-3 AN/ASQ-3A
TEST BENCH: RESTRICTED
 CONSISTS OF A THREE LEGGED TABLE APPROX 2 FT HIGH, A MECHANISM FOR PERMITTING HORIZONTAL AND VERTICAL MOTION TO SIMULATE THE ROLLING AND PITCHING OF AIRCRAFT, AND A YOKE FOR MOUNTING MAGNETIC LOOP ASSEMBLY DT-2/ASQ-3 OR DT-4/ASQ-3A.
 10/9/43 CW:D-167869
 OCT. 43

YOKE TO BE LOCKED IN PLACE WHEN USED WITH TEST MECHANISM TS-84/ASQ-3 FOR OBSERVING THE MAGNETIC LOOP ASSEMBLY. THE UNIT DOES NOT REQUIRE ANY POWER SUPPLY. FIRST PURCHASED UNDER CONTRACT NOA8-833.

TS-84/ASQ-3 AN/ASQ-3.3A
TEST MECHANISM: CONFIDENTIAL
 PROVIDES MEANS FOR ROTATING FLUXGATE MOUNTING (WHILE IN ASSOCIATED MAGNETIC LOOP ASSY) 15° AROUND ITS TRANSVERSE & LONGITUDINAL AXES INDEPENDENTLY, & BE RETURNED TO ORIGINAL POSITION, TO GIVE REQUIRED ROTATION TO FLUXGATE IN BAL-10/9/43 CW:D-166376
 OCT. 43

ANCING DETECTOR HEAD. TS-84/ASQ-3
 REPLACES DRIVING UNIT COVER & CONTAINS 2 PROJECTING FORKS WITH POSITIONING SPRINGS. 2 CAPSTAN BARS ARE FASTENED TO AXIAL & TRANSVERSE CAPSTAN PULLEYS OF FLUXGATE MOUNTING. SLIDING MECHANISM ON CAPSTAN BARS PERMITS FORK TO ENGAGE CAPSTAN BAR TO GIVE FLUXGATE ANGULAR MOTION. NO INTERNAL OR EXTERNAL POWER REQUIRED. FIRST PURCHASED UNDER CONTRACT NOA8-833.

TS-85/ASQ AN/ASQ SERIES
CALIBRATOR: CONFIDENTIAL
 A PORTABLE UNIT CONTAINED IN A WOODEN BOX 8"x6"x5". CONSISTS OF A PERMANENT MAGNET HAVING A KNOWN MAGNETIC MOMENT, WHICH MAY BE REVOLVED AROUND ITS MEDIAN AXIS BY MEANS OF A MECHANICAL PHONOGRAPH MOTOR WHICH IS ADJUSTABLE FROM 10 TO 15 RPM, TO
 10/9/43 CW:D-166266
 OCT. 43

PRODUCE A PREDETERMINED SINUSOIDAL DISTURBANCE IN THE MAGNETIC FIELD. WHEN LOCATED AT GIVEN DISTANCES FROM THE MAGNETIC LOOP ASSEMBLY TO BE TESTED THE DISTURBANCES WILL THUS PERMIT ADJUSTMENTS TO PROVIDE PREDICTABLE INDICATIONS ON METER OF ASSOCIATED DETECTING EQUIPMENT. FIRST PURCHASED UNDER CONTRACT NOA8-833. NO INTERNAL OR EXTERNAL POWER REQUIRED FOR OPERATION.

TS-86/ASQ-3 AN/ASQ-3.3A
TEST SET: CONFIDENTIAL
 A PORTABLE DEVICE IN WHICH THE FLUXGATE MOUNTING OF THE EQUIPMENT TO BE TESTED CAN BE SHIELDED FROM EXTERNAL MAGNETIC DISTURBANCES TO CHECK THE PROPER FUNCTIONING OF DETECTING EQUIPMENT AN/ASQ-3 AND AN/ASQ-3A. CONSISTS OF A WOODEN BOX
 10/9/43 CW:D-167089
 OCT. 43

WHICH INCLUDES BATTERIES, MAGNETIC SHIELD, & TEST APPARATUS. PANEL OF BOX INCLUDES SWITCHES, KEYS, RHEOSTAT & METERS FOR ADJUSTING VARIOUS VOLTAGES & PLUGS FOR CONNECTING TO CONVERTER & MAGNETIC LOOP ASSEMBLY TO BE TESTED. OPERATES FROM INTERNAL BATTERIES. FIRST PURCHASED UNDER CONTRACT NOA8-833.

TS-90/AP AN/APQ-10
BUNNY LOAD: CONFIDENTIAL
 CONSISTS OF A 50 OHM LOAD TO ABSORB THE POWER OF THE PULSING CIRCUIT (MAX. VALUES OF PULSED POWER, 4000-VOLT PEAK, 500 WATTS.) THE 50 OHM LOAD IS MADE UP OF A 49 OHM AND ONE OHM CARBON RESISTOR, BROUGHT OUT TO SEPARATE TAPS. CAN
 11/5/43 CW:X-66131-A CW:B-455032
 JUN. 44

ALSO BE USED AS A 50:1 VOLTAGE DIVIDER FOR VIEWING HIGH VOLTAGE PULSES. ENCLOSED IN A SHEET METAL PROTECTIVE CAGE, HAVING A PANEL MOUNTED IN THE END FOR PLUG AND JACK CONNECTIONS TO THE OSCILLOSCOPE AND THE PULSING CIRCUIT. DIMENSIONS 18" X 6" X 6" WT. APPROX. 15 LBS.

TS-93/AX AIRCRAFT
PROJECTOR: CONFIDENTIAL
 THE PROJECTOR PROVIDES AN IMAGE OF SELECTED TEST SLIDES OF ADEQUATE ILLUMINATION AND DESIRABLE SPECTRAL DISTRIBUTION FOR TESTING BLOCK I AND BLOCK III EQUIPMENTS. THE FOCUS IS FIXED FOR
 11/4/43 CRV:TX-2291 CRV:M-249181
 JAN. 44

INFINITY PROJECTION. COMPLETE UNIT ENCLOSED IN A STEEL CASE. DIMENSIONS: L-14"; D-9 1/2"; H-9-3/4". POWER REQUIREMENTS: 115 VOLTS, 50-60 CYCLES, 60 WATT WEIGHT-10LBS.

RCA DESIGNATES THIS AS A PART OF MI-18735 ALSO TX-2291

TS-94/AX AIRCRAFT
INDICATOR: CONFIDENTIAL
 CRYSTAL RESONANCE INDICATOR TEST UNIT DESIGNED FOR INDICATING RELATIVE STRENGTH OF RADIO FREQUENCY FIELD OF FREQUENCIES UP TO 500 MEGACYCLES. A RETRACTABLE STEEL TAPE PROVIDES CONTROL OF THE FREQUENCY.
 11/4/43 CRV:TX-2221 CRV:M-249203
 JAN. 44

EQUIPMENT IS MOUNTED IN A STEEL CASE. DIMENSIONS: L-5"; D-4"; H-3". FREQUENCY RANGE: 50-500 MEGACYCLES WEIGHT: 2 LBS.

RCA DESIGNATES THIS AS MI-18738 ALSO TX-2221

TS-95/AX AIRCRAFT
TEST BENCH: CONFIDENTIAL
 ALIGNMENT TEST BENCH INCORPORATES IN A SINGLE UNIT FACILITIES FOR TESTING BLOCK I AND BLOCK III EQUIPMENTS. IT IS DESIGNED TO ACCOMMODATE THESE EQUIPMENTS IN A DESIRABLE TEST POSITION WHILE MAIN-
 11/4/43 CRV:TX-2142 CRV:M-249202
 JAN. 44

TAINING OPTICAL ALIGNMENT WITH THE PROJECTOR. ALL COMPONENTS ARE MOUNTED IN A STEEL CABINET. OVERALL DIMENSIONS: L-52"; D-12"; H-7 1/2". POWER REQUIREMENTS: 115 VOLTS, 50-60 CYCLES, 50 WATTS WEIGHT-40 LBS.

RCA DESIGNATES THIS AS A PART OF MI-18735 ALSO TX-2142

TS-96/TPS-1 AN/TPS-1
TEST SET:
 PRECISION APPARATUS CO. MODEL 856 (MODIFIED) MULTI-RANGE PRECISION ANALYZER CONSISTING OF 7 DC VOLTAGE RANGES, 7 DC CURRENT RANGES, 3 RESISTANCE RANGES, 6 DECIBEL RANGES, AND 7 OUTPUT RANGES. PROVISIONS ARE INCORPORATED FOR MAKING
 12/28/44 CW:
 DEC. 44

TESTS ON ELECTROLYTTIC AND PAPER TYPE CONDENSORS. DIMENSIONS: 6" X 8 3/4" X 10". WT.: 8 LBS.

TS-97/TPS-1 AN/TPS-1.1A.1B
PRE-AMPLIFIER PAD
 A 10 DB ARTIFICIAL LINE COMPOSED OF RESISTORS AND HAVING A CHARACTERISTIC IMPEDANCE OF 50 OHMS; EMPLOYED TO ISOLATE INDIVIDUAL STAGES OF THE R.F. AMPLIFIER TO ENABLE PROPER INDIVIDUAL ADJUSTMENTS. DIMENSIONS 5/8" DIAMETER X 2 5/8" LONG.
 9/23/44 CW:X-664457
 NOV. 44

WEIGHT 1/4 LBS. CLASS C OPERATION.

TS-98/AP AN/APQ-10
VOLTAGE DIVIDER: RESTRICTED
 CONTAINS (5) UNITS EACH OF DIFFERENT MEASURING RANGE: (A) PULSE-800; 35V.-FOR VIEWING PREPULSE. TERMINATED ON BINDING POSTS; (B) D.C.-700;70V.-FOR MEASURING VOLTAGE OF L.V. RECTIFIER, TERMINATED ON PIN JACKS; D.C.-1500;150V.-FOR MEASURING
 11/9/43 CW:X-61718G CW:B-455025
 JAN. 44

SCREEN VOLTAGE OF H.V. RECTIFIER, TERMINATED ON PIN JACKS. HOUSED IN A METAL BOX EQUIPPED WITH JACKS TO PERMIT INSALLATION ON THE MODULATOR IN PLACE OF THE OIL UNIT FOR THE PURPOSE OF MEASURING THE H.V. OUTPUT AND PULSES OF THE MODULATOR. DIMENSIONS APPROX. 3 1/2" X 4" X 10" WT. APPROX. 5 LBS. TEMPERATURE RANGE -40°F TO +130°F.

TS-100/AP AN/APH-18
TEST OSCILLOSCOPE: RESTRICTED
 3" OSCILLOSCOPE WITH TYPE A,R,J AND X INDICATIONS. GATED 1, 30, AND 350 NAUTICAL MILES AND UNGATED 1 NAUTICAL MILE SWEEPS ON CLASS J AND X. GATED SWEEPS OF 3, 30, AND 350 NAUTICAL MILES ON CLASS A AND R. INTERNAL SWEEP GENER-
 11/17/43
 FEB. 45

ATOR TS-100/AP
 FOR TYPE A SCOPE. EITHER INTERNAL OR EXTERNAL CRYSTAL OSCILLATOR MAY BE USED FOR TYPE J SWEEP. UNIT MAY BE TRIGGERED INTERNALLY OR EXTERNALLY AND PRESENTS A TRIGGER OUT WHEN USED AS J SCOPE. UNIT INCLUDES 4 THREE-FOOT CABLES. USED TO CALIBRATE CP-5/APS-16 AND CP-6/APQ-13. APPROX. 9" X 13" X 15" USED WITH TEST UNIT TS-101/AP.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|---|-----------------------|---|-------------------------------|---|---|-------------------------------|
| TS-101/AP | AN/APM-18 | RESTRICTED TEST LOAD UNIT: CONSISTS OF CONDENSERS SIMULATING LOAD ON RANGE UNIT CP-5/APS-15 AND CP-6/APQ-13 AND PROVIDING TEST POINTS FOR RANGE, ALTITUDE, PPI, COUNT, AND MODULATOR TRIGGER CIRCUITS. USED WITH TEST OSCILLOSCOPE TS-100/AP. 11/17/43 NOV. 43 | TS-108/AP | RESTRICTED RADIO FREQUENCY TEST LOAD: RADIO FREQUENCY TEST LOAD FOR USWS WHEN BENCH TESTING AIRBORNE "X" BAND RADAR SYSTEMS. USED AS A POWER ABSORBER TO ELIMINATE RADIATION OF THE RF POWER AND TO PROPERLY TERMINATE THE TRANSMITTER IN A NON-REFLECTING LOAD. INCLUDES (1) 11/23/43 CAQJ: MAY 45 | TS-114/APS-2F | AN/APS-2F | CONFIDENTIAL RESONANCE CHAMBER: CONSISTS OF A CYLINDRICAL RESONANCE CHAMBER, MOTOR DRIVE UNIT, PROBE, TYPE "N" R-F CONNECTOR & TYPE "AN" POWER RECEFTACLE. USED AS A PHANTOM TARGET WITH TEST ANTENNA ASSEMBLY TS-115/APS-2F. THE 26V DC MOTOR DRIVE UNIT OPERATES A 12/8/43 CPR: CPR:5L0-959 DEC. 43 | |
| TS-103/TPM-1 | AN/TPM-1 | CONFIDENTIAL SIGNAL GENERATOR: PROVIDES A CW SIGNAL FROM 980 TO 1200 MC. A CALIBRATED ATTENUATOR, AND A LOW FREQUENCY SQUARE WAVE GENERATOR FOR USE IN CALIBRATING OSCILLOSCOPES. DIMENSIONS 8" X 10" X 13" WT. 25 LBS. 11/23/43 CW:X61718B JAN. 44 | RG-52/U | WAVE GUIDE FILLED WITH A MIXTURE OF AQUADAG COATED SAND UNCOATED SAND. ONE END IS CLOSED AND THE OTHER END TERMINATES IN A UG-40/U. (2) CY-247/AP CARRYING CASE (3) UG-80/AP ADAPTER, (4) UG-144/AP COUPLING ADAPTER (5) UG-145/AP COUPLING ADAPTER & OTHER ACCESSORIES. SIZE: 9 9/16" X 3 11/16" X 1 15/16". WT. 2.58 LBS. PROCURED ON CONTRACTS NOs 6014 & NOs 3670. | TS-114/APS-2F | PLUNGER IN ONE END OF THE CHAMBER THROUGH A REMOTE SWITCH SO THAT THE DESIRED RESONANT POINT CAN BE OBTAINED ELECTRICALLY WITHIN THE S-BAND FREQUENCY RANGE. THE OTHER END OF THE CHAMBER HAS A PROBE WHICH PROVIDES FOR TWO DIRECTIONAL FLOW OF R-F ENERGY. | | |
| TS-104/TPM-1 | AN/TPM-1 | RESTRICTED PERMITS TESTING INDICATOR UNITS ID-12/TPS-1 AND ID-16/TPS-1A AND ALSO MODULATOR MD-2/TPS-1 APART FROM RADIO SET. CONTAINS A 200 CV VARIAC, A SPECIAL AC. WATTMETER, AND A MULTI-VIBRATOR. DIMENSIONS 11" X 8 1/2" X 10" WT. 22 LBS. 11/23/43 CW:X-61718C JAN. 44 | TS-108A/AP | X-BAND RADAR RE-13A-988A RADIO FREQUENCY TEST LOAD: RESTRICTED A SECTION OF "X" BAND SMALL SIZE WAVE GUIDE FILLED WITH "POLYIRON" FILL (MOLDED CERAMIC WITH IRON FILINGS INTERSPERSED). ONE END OF THE WAVEGUIDE IS CLOSED & THE OTHER END TERMINATES IN A CHOKE COUPLING PLANGE. EXTERNAL PINS 12/13/44 CCJ: MAY 45 | TS-115/APS-2F | AN/APS-2F TEST ANTENNA ASSEMBLY: CONSISTS OF A HALF-WAVE, S-BAND DIPOLE IN POLYSTYRENE HEMISPHERE WITH TYPE N FITTING FOR NECESSARY CO-AXIAL CABLE INTERCONNECTION WITH RESONANCE CHAMBER TS-114/APS-2F FOR PHANTOM TARGET USE. DIPOLE PICKS UP R-F ENERGY FROM AND 12/8/43 CPR: CPR:358-7257 MAY 45 | | |
| TS-105/TPM-1 | AN/TPM-1 | RESTRICTED DUMMY ANTENNA: USED TO TERMINATE A (50) OHM 1 5/8" COAXIAL LINE TO ABSORB RADIO FREQUENCY TRANSMITTER OUTPUT IN LIEU OF ANTENNA ON RADIO SET AN/TPS-1 AND AN/TPS-1A. BY MEANS OF PROBE PROVIDES A CALIBRATED MEANS OF MEASURING POWER. DIMENSIONS 3" 11/23/43 CW:X61718E JAN. 44 | TS-108A/AP | ALLOW DISSIPATION OF HEAT. USED IN BENCH TESTING OF "X" BAND RADARS OR AS A TRANSMITTER LOAD FOR THESE EQUIPMENTS. STANDING WAVE RATIO IS LESS THAN 1.1 TO 1 AT OPERATING FREQUENCY. SIMILAR TO TS-108/AP BUT SMALLER IN SIZE AND USES "POLYIRON" INSTEAD OF AQUADAG FILL. FIRST PROCURED ON NX8s 32854 & NX8r 65337. | TS-115/APS-2F | RERADIATES IT TO ANTENNA OF RADAR SET UNDER TEST. SIMILAR TO -66AD. EXCEPT USES TYPE N CONNECTORS INSTEAD OF PHILCO CONNECTORS. SIZE: 2 15/16" DIA X 3". | | |
| TS-105/TPM-1 | | X 4 1/2" X 13 1/2" WT. 15 LBS. | TS-109/SPR | GENERAL USE RE-9326 TEST OSCILLATOR: USED FOR CHECKING FREQ. CALIBRATION OF RADAR SEARCH RECEIVERS. INCLUDES LUGGAGE TYPE CASE & CARRYING CASE. COVERS FREQ. RANGE OF 40-120 MCS. & 120-500 HCS. THE OUTPUT MODULATION IS CONTROLLED BY A 3 POSITION SWITCH PERMITTING USE OF AN 11/26/43 CANCELED MAR. 46 3/9/45 | TS-116/APS-15 | AN/APS-15 MILLIAMETER: CONSISTS OF A 0-1MA METER HOUSED IN A SMALL METAL CASE; ALSO INCLUDES "AN" CONNECTOR AN-3102-12S-3S. CASE IS SHOCK-MOUNTED TO A MOUNTING PLATE WHICH CAN BE ATTACHED EITHER TO BOTTOM OR REAR OF CASE. OUTSIDE DIMENSIONS OF CASE 4 3/16" 12/16/43 CPR: CPR:5L0-1343 JULY 44 REV A | | |
| TS-106/TPM-1 | AN/TPM-1 | RESTRICTED LINE MONITOR UNIT: CONSISTS PRIMARILY OF A GENERAL RADIO TYPE 100Q VARIAC (OR EQUAL) AND PROVIDES A MEANS FOR MEASURING AND CONTROLLING THE MAIN POWER VOLTAGES DURING TESTS. 11/23/43 CW:X-61718F JAN. 44 | TS-109/SPR | UNMODULATED CARRIER. MODULATION OF ABOUT 50% BY 1000 CPS OR WITH A PULSE TYPE SIGNAL. THE PULSE HAS A REPETITION RATE OF ABOUT 500 CPS & LENGTH OF ABOUT 70 MICROSECS. OPERATES FROM 80/115/230V. 1Ø 50-2600 CYCLES AND 6.3V DC (FOR FILAMENT) & 202.5V DC (FOR PLATE). USES 12W. ELECTRICALLY IDENTICAL TO TS-47/APR BUT HAS LARGER CASE & DESIGNED FOR SHIP USE. | TS-116/APS-15 | X 3 3/16" X 3". | | |
| TS-107/TPM-1 | AN/TPM-1 | CONFIDENTIAL WAVE AND POWER METER: WAVE METER WILL COVER THE RANGE 500 TO 1500 MC. THE POWER METER EMPLOYS A THERMISTOR AS A DETECTOR AND CAN BE USED TO MEASURE POWERS RANGING FROM ABOUT 0.5 MILLIWATT TO ABOUT 12 MILLIWATTS DIRECTLY. A PAD EXTENDS POWER RANGE TO 120 11/23/43 CW:X-61718H OCT. 44 | TS-112/APS-18 | AN/APS-18 RELAY MONITOR: USED TO TEST AN/APS-18. BY MEANS OF A PICK UP LOOP PRESENT IN THE RELAY TRANSMITTING UNIT T-40/APS-18 RECEIVES POWER AND INDICATES THE PROPER OPERATION OF AN/APS-18. INPUT 120 MA AT 250V DC AND 2A AT 6.3V AC USED WITH BUT NOT PART 11/30/43 CADU: NOV. 43 | TS-120/UP(XN-1) | AIRBORNE RE 9514 TEST SET: CONSISTS OF A SIGNAL GENERATOR, FREQUENCY METER OPERATING IN FREQUENCY RANGE 9300 TO 9450 MC., WATTMETER AND NECESSARY FITTINGS. POWER INPUT 200W @ 115V/50-800-1Ø. PEAK POWER OUTPUT 100 MICRO. WATTS. OUTPUT 12/29/43 CRB: SEPT. 44A | | |
| TS-107/TPM-1 | | MILLIWATTS. FREQUENCY RANGE 900-1350 MC. HAS CRYSTAL DETECTOR AND METER, MAY BE USED SEPARATELY. DIMENSIONS 14 3/4" X 8 3/4" X 6 3/4". WT. 15 LBS. | TS-112/APS-18 | OF AN/APS-18 AND AN/ARR-9. | TS-120/UP(XN-1) | ATTENUATION 90DB. SIMILAR TO TS-13/AP EXCEPT INCLUDES FIXED OUTPUT PULSE WIDTHS OF 1.0 & 1.9 MICROSECONDS WITHIN NARROW TOLERANCES PLUS GENERAL CIRCUIT IMPROVEMENTS. INCLUDES SHOCKMOUNTING, SIZE APPROX. 21 7/16" X 15 3/4" X 15 1/16". WT. APPROX. 72 LBS. USED WITH AN/CPN-6 AND SIMILAR SETS. | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-------------------------|--------------------|---|-----------------------|--------------------|--|-----------------------|--------------------|--|
| TS-121/CPN-8 AN/CPN-8 | | CONFIDENTIAL MONITOR: A RACK MOUNTED PANEL TYPE VISUAL INDICATOR WHICH IS PROVIDED WITH SWEEP, INDICATOR, CALIBRATING PIPE CIRCUITS ALSO FREQUENCY, POWER MEASUREMENT AND "S" BAND SIGNAL GENERATOR WITH FACILITIES FOR SERVICING THE ENTIRE AN/CPN-8 EQUIP- 3/4/44 APR. 45A | TS-130/UP GENERAL USE | | CONFIDENTIAL STANDING WAVE METER: PROVIDES MEANS FOR DETECTING AND MEASURING THE STANDING WAVE RATIO OF THE TRANSMISSION LINE OF MARK XX RADAR; L-BAND. SIZE: 25" X 3" X 5 1/2". WT 5 LBS. 1/19/44 CW:X-66166-C CM:8X-430473 JAN. 44 | TS-147/OP GEN. USE | | CONFIDENTIAL TEST SET: TEST SET FOR X8 AND XL BAND RADARS. PROVIDES FREQUENCY MODULATED OR CW SIGNAL OF KNOWN POWER LEVEL AND FREQUENCY FOR RADAR RECEIVER TESTING. FM SIGNALS ARE PRODUCED BY TRIGGERING FROM RADIO FREQUENCY PULSE OR VIDEO TRIGGER. WILL MEASURE AVERAGE RADAR TRANSMITTER POWER ACCURATELY. TO WITHIN 2 OR 3 db AND FREQUENCY ACCURATELY TO WITHIN 0.5 TO 5 MC. INCLUDES CALIBRATED ATTENUATORS, THERMISTOR POWER MEASURING BRIDGE, FREQUENCY METER, RECTIFIER CRYSTAL AND AMPLIFIER, SAWTOOTH SWEEP GENERATOR, AND 50-1200 CYCLES, 104 TO 126 VOLT POWER SUPPLY. PROCURED ON CONTRACT MX8a-51553. 2/15/44 CS: NOV. 44A |
| TS-121/CPN-8 | | MENT IN THE FIELD. | TS-133/UPH-1 AN/UPH-1 | | CONFIDENTIAL WAVEMETER: COVERS THE FREQUENCY RANGE OF 155 TO 235 MC. WHEN USED IN CONJUNCTION WITH SCOPE OF CONSOLE RACK MT-189/UPH-1 GIVE A DIAL READING WHICH MAY BE CONVERTED INTO FREQUENCY BY REFERENCE TO A CALIBRATION CHART. MOUNTS IN CONSOLE RACK 1/24/44 CHC: MAR. 45 | TS-147/UP | | CONFIDENTIAL SPECTRUM ANALYZER: PORTABLE TEST SET TO SHOW ON THE SCREEN OF A SELF CONTAINED CATHODE RAY TUBE THE FOURIER ANALYSIS OF THE FREQUENCY SPECTRUM OF PULSED OSCILLATORS AS USED IN "X" BAND RADARS. MAY BE USED FOR STANDING WAVE RATIO MEASUREMENTS, Q MEASUREMENTS 2/15/44 CAT:XC1 AUG. 44 |
| TS-123/MPN-1A AN/MPN-1A | | SYNCHROSCOPE: PANEL AND CHASSIS CONSTRUCTION. CONSISTS OF A 3" CATHODE RAY TUBE AND ASSOCIATED CIRCUITS SUCH THAT IT IS A SUITABLE PIECE OF TEST EQUIPMENT FOR VIEWING TRIGGERS, ECHOES, PULSES & SIMILAR PHENOMENA. DIMENSIONS: 19" X 18 1/2" X 1 1/2" CRR: AR96243-1 MAR. 44 | MT-189/UPN-1. | | | TS-148/UP GENERAL USE | | CONFIDENTIAL TS-148/UP AND TUNING RT AND TR DEVICES. TESTING-HOUSE MODEL XC1. FIRST PROCURED ON CONTRACTS NX9a-51586 AND NX9a 59108. INCLUDES CASE CY-245/U, CARRYING CASE CY-246/U AND MOUNTING BASE MT-325/U. TS-149/UP |
| TS-123/MPN-1A | | 8 3/4" USED FOR CHECKING ELECTRONIC COMPONENTS. POWER INPUT: 117V. AC. SIMILAR TO BUT NOT INTERCHANGEABLE WITH SYNCHROSCOPE TS-64(C)/MPN-1. | TS-134/UPH-1 AN/UPH-1 | | CONFIDENTIAL WAVEMETER: COVERS THE FREQUENCY RANGE OF 460 TO 570 MC. WHEN USED IN CONJUNCTION WITH SCOPE OF CONSOLE RACK MT-189/UPH-1. GIVES A DIAL READING WHICH MAY BE CONVERTED INTO FREQUENCY BY REFERENCE TO A CALIBRATION CHART. MOUNTS IN CONSOLE RACK 1/24/44 CHC: MAR. 45 | TS-153/AP AN/CRT-1 | | CONFIDENTIAL FIELD INTENSITY METER CONSISTS OF A TUNED CIRCUIT, DIODE RECTIFIER, AND A 0 - 1 MA. DC METER. FREQUENCY RANGE 67.2 TO 72.2 MC. MEASURES FIELD STRENGTH OF RADIO TRANSMITTER T-1 /CRT-1 OR T-1A/CRT-1 ENCLOSED IN A METAL BOX ON TOP OF WHICH IS MOUNTED A 24" COLLAPSIBLE ANTENNA. DIMENSIONS 7 1/2" X 6 3/4" X 6". INCLUDES TWO SELF CONTAINED BATTERIES NAVY TYPE 19031 AND 19032. SIMILAR TO I-95-AM. 2/9/44 FEB. 44 |
| TS-127/U | | GENERAL USE RE-9116A FREQUENCY METER: RESTRICTED EMPLOYS A RESONANT CAVITY FOR TUNING. OPERATING FREQUENCY 375 TO 725 MC. POWER OBTAINED FROM SELF-CONTAINED BATTERY (1 1/2 & 45V BATTERIES). USES 0 TO 200 MICROAMMETER TO GIVE INDICATION. INCLUDES A HEADPHONE JACK FOR AUDIBLE MONITORING 1/14/44 CAJR:1055M MAR. 44 | MT-189/UPN-1. | | | TS-157/AP AN/APT-2 | | CONFIDENTIAL INDICATOR PICKUP ASSEMBLY: CONSISTS OF A PICK UP UNIT (2" X 5 1/4" X 3". WT. ABOUT 9 OZ.) AND A METER JACK UNIT 2" X 2 1/4" X 1 1/2". WT. 5 OZ.) CONNECTED BY A CABLE. THE PICKUP UNIT CONTAINS A IN21 CRYSTAL DETECTOR AND A RF CHOKE. THE OTHER UNIT CONTAINS A METER 11/9/43 CAHX: FEB. 44 |
| TS-127/U | | (HIGH IMPEDANCE OUTPUT). TWO STAGES OF AMPLIFICATION. GRID LEAK DETECTOR. TIME SWITCH TO TURN OFF UNIT AND MODULATION SWITCH. ALSO INCLUDES CALIBRATION CHART. NAVY MODEL OBG. FIRST PROCURED ON CONTRACT MX9a-26732 AND 33777. | TS-135/UP AN/UPH-1 | | RESTRICTED VOLTAGE TESTER: USED FOR TESTING DETONATOR CIRCUITS OF VARIOUS RADAR EQUIPMENTS TO DETERMINE PRESENCE OF VOLTAGE. INDICATOR MAY BE BY A SMALL LAMP OR EXTERNAL VOLTMETER. SIZE APPROX. 3" X 2" X 2". WT. APPROX. 4 OZ. CANCELLED 4/25/44 1/24/44 CHZ: APR. 44 | TS-153/UP | | CONFIDENTIAL TRANSMITTER POWER AND RECEIVER SENSITIVITY. INCLUDES CALIBRATED ATTENUATOR, THERMISTOR TYPE POWER METER, FREQUENCY METER, SAW TOOTH GENERATOR, AND POWER SUPPLY WHICH WILL OPERATE ON POWER SOURCES OF 50 TO 1200 CYCLES FROM 115 ± 5% VOLTS. CONTRACT NO. N08a 3195 FROM PHILHARMONIC RADIO CO. 2/15/44 JAN. 45 |
| TS-128/UP GENERAL USE | | CONFIDENTIAL SIGNAL GENERATOR PROVIDES A CW SIGNAL FROM 900 TO 1500 MC. USED AS A CALIBRATED ATTENUATOR & LOW-FREQUENCY SQUARE-WAVE GENERATOR FOR CALIBRATING OSCILLOSCOPES. SIZE APPROX. 8" X 10" X 22". WT. 30 LBS. SIMILAR TO SIGNAL GENERATOR TS-103/TPM-1(X-617188) 1/19/44 CW:X-61718D CM:8-401889 OCT. 44 | TS-146/UP | | CONFIDENTIAL TEST SET: TEST SET FOR X8 BAND RADARS; PROVIDES FREQUENCY MODULATED OR CW SIGNALS OF KNOWN POWER LEVELS AND FREQUENCY FOR RADAR RECEIVER TESTING. SET WILL MEASURE AVERAGE 2/15/44 JAN. 45 | TS-157/AP | | CONFIDENTIAL JACK AND A VARIABLE SERIES RESISTOR. THE OPERATION OF THE INDICATOR ASSEMBLY IS SUCH THAT THE OUTPUT OF THE JAMMING TRANSMITTER IS PICKED UP BY THE PICKUP UNIT, WHEREUPON ANY OUTPUT METER PLUGGED IN THE METER JACK UNIT WILL PROVIDE A MEASURE OF THE MAX. OUTPUT. NO ADDITIONAL SOURCE OF POWER IS REQUIRED FOR ITS OPERATION. |
| TS-129/UP GENERAL USE | | CONFIDENTIAL TEST ANTENNA: USED TO PICK UP SMALL AMOUNTS OF RADIO FREQUENCY ENERGY FOR TEST PURPOSES. CONSISTS OF A DIPOLE AND CLAMP L-2 BAND. SIZE 8 1/2" X 4 1/2" X 1 1/2". WT. 1 LB. 1/19/43 CW:X66166-0 CM:8D-405407 JAN. 44 | TS-146/UP | | CONFIDENTIAL TRANSMITTER POWER AND RECEIVER SENSITIVITY. INCLUDES CALIBRATED ATTENUATOR, THERMISTOR TYPE POWER METER, FREQUENCY METER, SAW TOOTH GENERATOR, AND POWER SUPPLY WHICH WILL OPERATE ON POWER SOURCES OF 50 TO 1200 CYCLES FROM 115 ± 5% VOLTS. CONTRACT NO. N08a 3195 FROM PHILHARMONIC RADIO CO. | TS-157/AP | | CONFIDENTIAL JACK AND A VARIABLE SERIES RESISTOR. THE OPERATION OF THE INDICATOR ASSEMBLY IS SUCH THAT THE OUTPUT OF THE JAMMING TRANSMITTER IS PICKED UP BY THE PICKUP UNIT, WHEREUPON ANY OUTPUT METER PLUGGED IN THE METER JACK UNIT WILL PROVIDE A MEASURE OF THE MAX. OUTPUT. NO ADDITIONAL SOURCE OF POWER IS REQUIRED FOR ITS OPERATION. |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|--------------------|-------------------------------|--|--------------------|-------------------------------|
| TS-160/ASQ-2 AIRBORNE | | CONFIDENTIAL | TS-162/UP | | | TS-191/UP GEN. USE | | |
| TEST SET: SIGNAL SIMULATOR TO PROVIDE A SIMULATED OUTPUT OF 2 AN/ASQ-1 OR 2 AN/ASQ-1A EQUIPMENTS. THE OUTPUT OF THIS UNIT IN SIGNAL STRENGTH AND AMPLITUDE IS ADJUSTABLE. THE OUTPUT OF THIS TEST UNIT IS TO BE APPLIED TO CM-1/ASQ-2 TO ENABLE TEST-2/24/44 | | | INPUT POWER: 115/10/50-1200-. INCLUDES CASE CY-278/UP AND TUNING UNIT TN-79/UP WHICH IS REMOVABLE. MAY BE USED FOR TESTING MK 4 WHEN TN-80/UP REPLACES TN-79/UP. USED WITH BUT DOES NOT INCLUDE TN-80/UP. FIRST PROCURED ON CONTRACT NXSr-56777 & NXSr 71343 FROM HICKOX ELEC. INST. CO. AND ON NXSr 84983 FROM AIR KING PROD. CO. | | | TEST SET: CONSISTS OF A SIGNAL GENERATOR, FREQUENCY METER, WATTMETER AND NECESSARY FITTINGS. OPERATES IN THE FREQUENCY RANGE OF 8990 TO 9170 MC. POWER INPUT 175W @ 115V/50-800-710. PEAK POWER OUTPUT 100 MILLI WATTS. OUTPUT ATTENUATION 4/25/44 CRB: UMB. 46 | | |
| FEB. 44 | | | | | | | | |
| TS-160/ASQ-2 | | | TS-186/UP GEN USE | | | 75DB. SIMILAR TO TS-191/UP | | |
| ING OF THE CM-1/ASQ-2 UNIT. | | | FREQUENCY METER: CONFIDENTIAL HETERODYNE FREQUENCY METER COVERING 500-1250 MC ON THE FUNDAMENTAL. USED FOR CHECKING RECEIVERS OVER THE RANGE FROM 100 MC THROUGH THE X BAND. APPROX. SIZE, 8" X 8" X 18", APPROX. WT. 35-40 LBS. INPUT: 90 WATTS, 105-125V, 50-1600 CPS 3/31/44 | | | TS-13/AP EXCEPT INCLUDES FIXED OUTPUT PULSE WIDTHS OF 1.0 & 2.0 MICROSECONDS WITHIN NARROW TOLERANCES PLUS GENERAL CIRCUIT IMPROVEMENTS AND COVERS DIFFERENT FREQUENCIES. USED WITH AN/MPH-1A. SIMILAR TO TS-120/UP (XN-5) EXCEPT FOR FREQ. RANGE. SIZE: 21 5/16" X 15 9/16" X 13 3/16" WT. APPROX. 60 LBS. FIRST PROCURED ON CONTRACT NXSr-69247. | | |
| | | | FEB. 45A | | | | | |
| TS-172 /UP GENERAL USE | | | TS-186/UP | | | TS-202/U GENERAL USE | | |
| TEST SET: ECHO BOX. HAND OPERATED FOR CHECKING THE TUNING & OUTPUT OF RADIO SETS OPERATING IN L2 BAND. COMPRISES 2 COAXIAL CABLES & A BOX CONTAINING A CYLINDRICAL RESONANT CAVITY ADJUSTABLE BY MEANS OF A MOVABLE DIAPHRAM. ALSO INCLUDES 2 PROBES PRO-3/13/44 CMX-66162A CM:409058 | | | A-C. INCLUDES 20 MC CRYSTAL CALIBRATOR. PROVIDED WITH JACKS FOR HEADPHONE AND VIDEO OUTPUT. | | | SIGNAL GENERATOR: PRODUCES HARMONICS OF A 5 MC. CRYSTAL OSCILLATOR SPACED 10 MC. AND 40 MC. FREQUENCY RANGE 10 MC TO 1200MC. USED FOR CALIBRATING FREQUENCY METERS AND SIGNAL GENERATORS. HAS MIXER CIRCUIT FOR CALIBRATING SIGNAL GENERATORS AT ZERO 5/16/44 CAJR: MAY 44 | | |
| DEC. 44 | | | | | | | | |
| TS-172/UP | | | TS-187/TPS-1B AN/TPS-1B | | | TS-202/U | | |
| JECTING INTO THE RESONANT CAVITY. TERMINATING ON THE FRONT PANEL IN N TYPE JACKS. AS WELL AS A CRYSTAL AND METER. THE OUTPUT IS CONNECTED TO THE CRYSTAL THROUGH CORD CG-99/AP(6") INCLUDED WITH THE SET. | | | ECHO BOX: CONFIDENTIAL CONSISTS OF A TUNABLE ECHO BOX TOGETHER WITH ASSOCIATED CRYSTAL RECTIFIER AND MICROAMMETER. USED TO ALIGN THE EQUIPMENT AND MAKE ROTATIVE FREQUENCY MEASUREMENTS. IS BUILT INTO THE FRAMEWORK OF THE TOWER SECTION. 4/17/44 CANCELLED CM:X-66162-A | | | BEAT METHOD. SINGLE FREQUENCY "IDENTIFIER" CIRCUIT ESTABLISHES A REFERENCE POINT. FIRST PROCURED ON CONTRACT NXSr-51595. | | |
| | | | JULY 44 7/25/44 | | | | | |
| SIMILAR TO TS-91/TPS-1 EXCEPT COVERS DIFFERENT FREQUENCY RANGE. | | | TS-188/APS-4 AN/APS-4 | | | TS-205/U AN/UPT-T1 | | |
| | | | TEST BENCH: PROVIDES MOUNTING FOR AN/APS-4 EQUIPMENT FOR TEST PURPOSES. CONSISTS OF A FRAMEWORK MOUNTED ON 4 ROLLERS AND NECESSARY CABLING FOR CONNECTION TO AN EXTERNAL POWER SOURCE AND FOR INTERCONNECTING THE VARIOUS UNITS OF AN/APS-4 DIMENSIONS: 4/17/44 CM:152392 CM:81X 28091 | | | TEST METER: RESTRICTED CONSISTS OF A 2 1/2" DIAMETER 0 TO 1 MA DC METER INCLUDED IN A CONTAINER TO WHICH IS ATTACHED A 5 FT. CABLE WITH SPECIAL PLUG. SAME AS TEST METER TS-60/U EXCEPT THAT INTERNAL RESISTANCE OF METER IS 230 OHMS INSTEAD OF 93 OHMS AND INTERNAL 5/20/44 CUD: MAY 44 | | |
| | | | SEPT. 44 | | | | | |
| TS-173/UR | | | TS-188/APS-4 | | | CIRCUIT | | |
| TERMINAL, HEADSET JACK AND POWER RECEPTACLE. DIMENSIONS 8.5" X 8.5" X 8". WT. 12 LBS. INCLUDES CASE CY-133/UR WHICH HAS PROVISIONS FOR HOUSING BUT DOES NOT INCLUDE PP-79/UR OR DRY BATTERIES. | | | APPROX. 42" X 62" X 36". | | | IS ALTERED BY SHORTS TO SHOW SAME SCALE READING AS TS-60/U. USED FOR GENERAL TEST PURPOSES. (NXSr 38694 FOR AN/UPT-T1) | | |
| | | | | | | | | |
| TS-176/ASQ-2B | | | TS-189/U GENERAL USE RESTRICTED | | | TS-206/AR RESTRICTED | | |
| TEST SET: SIGNAL SIMULATOR TO PROVIDE A SIMULATED OUTPUT OF AN/ASQ-2B OR AN/ASQ-2C EQUIPMENT. THE OUTPUT OF THIS UNIT IN SIGNAL STRENGTH AND THE AMPLITUDE IS ADJUSTABLE. OUTPUT IS TO BE APPLIED TO CM-2/APQ-2B FOR TESTING OF THE CM-2/ASQ-2B. 3/21/44 | | | TEST SET: PORTABLE PULSED OSCILLATOR OPERATING AT A N.R.F. FREQUENCY OF 270 MC. AND CAPABLE OF OPERATING ON THE SECOND HARMONIC. ALLOWS SELECTION OF PULSE REPETITION FREQUENCIES OF 3150, 2750, 1875 AND 450 PULSES PER SECOND. PULSE WIDTH 1 TO 3 4/20/44 CAFH: FEB. 45 | | | RADIO FREQUENCY WATTMETER: A RADIO FREQUENCY WATTMETER WHICH MEASURES POWER FROM 300 TO 1000 WATTS UP TO FREQUENCY OF 60 MCS. CONSISTS OF A DUMMY ANTENNA LOAD FOR RADIO TRANSMITTING EQUIPMENT AN/ART-3 WHICH HAS AN ADDED METER TO PERMIT ITS USE AS A 10/13/44 | | |
| MAR. 44 | | | | | | APR. 45 | | |
| TS-182/UP GEN. USE CONFIDENTIAL | | | TS-189/U | | | TS-206/AR | | |
| TEST SET: TEST SET USED TO MEASURE RECEIVER SENSITIVITY. TRANSMITTER POWER OUTPUT AND FOR ROUGH FREQUENCY MEASUREMENT OF MARK 111 IFF EQUIPMENT. MAY ALSO BE UTILIZED AS A GENERAL TEST SCOPE. SIZE APPROX: 16" X 11" X 17". WT. APPROX. 45 LBS. 4/24/44 | | | MICROSECONDS. POWER REQUIREMENTS: 10 WATTS AT 115 VOLTS, 400-2600 CPS. APPROX. WEIGHT: 13 LBS. FIRST PROCURED ON NXSr 69185. | | | RADIO FREQUENCY WATTMETER. POWER INPUT: 28 VOLTS, DC. INCLUDES CASE CY-185/AR. CORD CX-356/U 10 FT. AND CORD CG-123/U 7 FT. APPROX. WT., INCLUDING CASE. 50 LBS. | | |
| FEB. 45 | | | | | | | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|-------------------------------|----------------------------------|---|-------------------------------|----------------------------------|---|-------------------------------|----------------------------------|
| TS-211/UPM-2 AN/UPM-2 | | | TS-231/AP | | | TS-242/GRM-1A | | |
| WAVEMETER: RESTRICTED ABSORPTION TYPE WAVEMETER COVERING FREQUENCY RANGE OF 75 TO 400 MC. CONSISTS OF A CYLINDRICAL TUBE CONTAINING VARIABLE CONDENSER TUNED BY MICROMETER DIAL, RESONANT CIRCUIT AND REPLACEABLE CRYSTAL TYPE IN21. ANTENNA IS PLUGGED INTO 6/5/44 CANL: CANL:RA-74F-310C JUN. 44 | | | WT. APPROX. 1 LB. FIRST PROCURED ON NX3r 51503. SAME AS NAVY TYPE CW:66AHT. | | | WHILE UNDER TEST. SIMILAR TO 1-104A. DIMENSIONS: 10 1/2" X 7 1/4" X 3 3/4". WT. 3 LBS. PART OF AN/GRM-1A. | | |
| TS-211/UPM-2 | | | TS-234/UP AN/TPS-18 | | | TS-243/UPR GEN. USE | | |
| RECEPTACLE MOUNTED ON EXTERIOR OF TUBING. SOCKET IS PROVIDED ON CRYSTAL HOLDER FOR CONNECTING CABLE FROM 0 TO 1 MILLIAMETER. SIZE: 3" X 4 3/4" X 12 5/16" WT. 3 LB. 12 OZ. SIMILAR TO TS-212/UPM-2 EXCEPT COVERS DIFFERENT FREQUENCY RANGE. | | | DUMMY LOAD: CONFIDENTIAL CONSISTS OF A 50 OHM LOAD TO ABSORB POWER OF THE PULSING CIRCUIT (MAX. VALUE OF PULSED POWER 5000 V PEAK AND 1275 W). THE 50 OHM LOAD IS MADE UP OF A 49 OHM AND ONE OHM CARBON RESISTOR BROUGHT OUT TO SEPARATE TAPS. MAY ALSO BE USED AS A 6/30/44 CW:X66131B CW:BX-409129 NOV. 44 | | | FREQUENCY METER: CONFIDENTIAL USED TO DETERMINE THE FREQUENCY OF IN- COMING RADAR SIGNALS IN THE FREQUENCY RANGE OF 40 TO 200 MC. ELIMINATES CON- FUSING ACTUAL SIGNALS WITH HARMONICS OR SPURIOUS RESPONSES IN THE ASSOCIATED RE- CEIVER. CONSISTS OF WAVE TRAP (A VAR- 8/4/44 AUG. 44 | | |
| TS-212/UPM-2 AN/UPM-2 | | | TS-234/UP | | | TS-244/UPR GEN. USE | | |
| WAVEMETER: RESTRICTED ABSORPTION TYPE WAVEMETER COVERING FREQUENCY RANGE OF 350 TO 1250 MC. CON- SISTS OF A CYLINDRICAL TUBE CONTAINING VARIABLE CONDENSER TUNED BY MICROMETER DIAL, RESONANT CIRCUIT AND REPLACEABLE CRYSTAL TYPE IN21. ANTENNA IS PLUGGED 6/5/44 CANL: CANL:RA-74F-310C JUN. 44 | | | 50 TO 1 VOLTAGE DIVIDER FOR VIEWING HIGH VOLTAGE PULSES. SIZE: 18 1/2" X 8" X 9 3/8". WT. 10 LBS. SIMILAR TO TS-90/AP EXCEPT DESIGNED FOR MAXIMUM VALUES OF PULSED POWER OF 5000V & 1275W INSTEAD OF 4000V & 500W. | | | TABLE CONDENSER AND INHERENT INDUCTANCE CONNECTED BETWEEN ANTENNA AND GROUND. MOUNTED IN BLACK BOX 4" X 6" X 3" WITH 20" OF RF CABLE RG-10/U. SIMILAR TO TS-244/UPR EXCEPT FOR FREQUENCY RANGE. USED WITH AN/APR-1 SERIES EQUIPMENT. CANCELLED, REPLACED BY F-18/UPR | | |
| TS-212/UPM-2 | | | TS-235/UP AN/TPS-18 | | | TS-244/UPR GEN. USE | | |
| INTO RECEPTACLE MOUNTED ON EXTERIOR OF TUBING. SOCKET IS PROVIDED ON CRYSTAL HOLDER FOR CONNECTING CABLE FROM 0 TO 1 MILLIAMETER. SIMILAR TO TS-211/UPM-2 EXCEPT COVERS DIFFERENT FREQUENCY RANGE. SIZE: 2 1/2" X 4 1/4" X 7 9/16". WT. 2 LBS. 7 OZ. | | | DUMMY ANTENNA: CONFIDENTIAL USED TO TERMINATE A 50 OHM 1 5/8" RADIO FREQUENCY COAXIAL LINE TO ABSORB RADIO FREQUENCY POWER, ESSENTIALLY IS A COAXIAL STRUCTURE CONTAINING A DISSIPATIVE DI- ELECTRIC. INCLUDES A FITTING FOR CON- NECTING TO R.F. LINE UNDER TEST. PRO- 6/30/44 CW:X66312B CW:BR-409519 NOV. 44 | | | FREQUENCY METER: CONFIDENTIAL USED TO DETERMINE THE FREQUENCY OF IN- COMING RADAR SIGNALS IN THE FREQUENCY RANGE OF 150 TO 100 MC. ELIMINATES CON- FUSING ACTUAL SIGNALS WITH HARMONICS OR SPURIOUS RESPONSES IN THE ASSOCIATED RECEIVER. CONSISTS OF A WAVE TRAP (A 8/4/44 AUG. 44 | | |
| TS-218/UP AN/MPN-1 | | | TS-235/UP | | | TS-244/UPR | | |
| ECHO BOX: CONFIDENTIAL ECHO BOX, COVERING 8920 TO 9250 MC; DE- CAY 3 db PER MICROSEC.; INCLUDES PICK-UP, DIPOLE ANTENNA HORN AND 6" OF R.F. CABLE. DIMENSIONS APPROX. 18" X 6" X 10". WT. ABOUT 10 LBS. | | | VISIONS FOR CONNECTING OTHER TEST EQUIP- MENT AND A FAN FOR HEAT DISSIPATION.. WILL ABSORB APPROX. 1 KW. OPERATES IN FREQ. RANGE OF 500 TO 1500 MC. SIZE APPROX. 26" X 5" X 5". WT. APPROX. 20 LBS. SIMILAR TO BUT NOT INTERCHANGEABLE WITH TS-105/TPM-L. | | | VARIABLE CONDENSER AND INHERENT INDUC- TANCE) CONNECTED BETWEEN ANTENNA AND GROUND. MOUNTED IN BLACK BOX 4" X 6" X 3" WITH 20" OF RF CABLE RG-10/U. SIMI- LAR TO TS-243/UPR EXCEPT FOR FREQUENCY COVERED. USED WITH AN/APR-1 SERIES. AN/APR-4, AN/SPR-1, RDO AND SIMILAR EQUIPMENT CANCELLED, REPLACED BY F-19/UPR. | | |
| 6/29/44 CW:X-63630 CW: NOV. 44 | | | TS-239/UP(XN-) GEN. USE RESTRICTED | | | TS-250/APN AN/APN-1 RESTRICTED | | |
| TS-223/AP GEN. USE CONFIDENTIAL | | | OSCILLOSCOPE: PORTABLE HI-SPEED OSCILLOSCOPE USING A 3" CATHODE RAY TUBE WITH CLASS "A" PRE- SENTATION. FREQ. RANGE IS ESSENTIALLY FLAT FROM 20 CPS TO 8 MC. TIMING PULSES OF 1, 10, 100, AND 1000 MICROSECOND IN- TERVALS ARE AVAILABLE. PROBES ARE FUR- 7/27/44 NOV. 44 | | | RANGE CALIBRATOR: ELECTRONIC RANGE CALIBRATOR USED TO CAL- IBRATE FM RADAR EQUIPMENTS SUCH AS AN/APN-1 SERIES AND AN/ARN-1 ALTI- METERS. WHEN APPROPRIATELY CONNECTED BE- TWEEN THE TRANSMITTING AND RECEIVING AN- TENNA RECEPTACLES OF THE FM EQUIPMENT 8/8/44 CRP: MAY 45 | | |
| 4/7/45 CBY: APR. 45B 948C | | | TS-239/UP(XN-) | | | TS-250/APN | | |
| TS-223/AP | | | WISHED AND BINDING POSTS ARE AVAILABLE. USES STOP-START SWEEP CIRCUITS. HOUSED IN A METAL BOX 12" X 18" X 9" AND NOT WEIGHING MORE THAN 35 LBS. EQUIPPED WITH NAVY TYPE -49194 RECEPTACLES ON THE FRONT PANEL. POWER REQUIREMENTS ARE 115 VOLTS @ 100 WATTS AND FROM 50 TO 1600 C.P.S. WILL BE USED FOR GENERAL TESTING OF RADAR SYSTEMS. | | | THE CALIBRATOR WILL PRODUCE AT THE OUTPUT OF THE DETECTOR IN THE FM RECEIVER AN AUDIO FREQUENCY WHICH DEPENDS ON THE BANDWIDTH OF THE TRANSMITTER AND THE RANGE OF THE CALIBRATOR THUS ENABLING RANGE CALIBRATION OF THE EQUIPMENT. PRO- VIDES RANGES OF 3750' AND 350'. WILL RE- PLACE STS-59/APN-1 AND STS-59A/APN-1. BRITISH REF. NO. 1105B/174. | | |
| 1.F. BAND WIDTHS, RECEIVER SENSITIVITY, AND WILL HAVE PROVISIONS FOR ADJUSTING A.F.C. (AUTOMATIC FREQUENCY CONTROL). FIRST PROCURED ON CONTRACT NX3a-62363 AND NX3a-85016. INPUT 115V/1Ø/50-1600--. | | | TS-242/GRM-1A AN/GRM-1A | | | TS-250A/APM AN/APN-1 RESTRICTED | | |
| TS-231/AP GEN. USE CONFIDENTIAL | | | DUMMY ANTENNA: RESTRICTED CONSISTS OF A 50 MICRO AMPERE METER, 4 ROTARY SWITCHES, GAIN CONTROL, BINDING POSTS AND RECEPTACLES NECESSARY TO MEASURE THE INPUT VOLTAGE, INPUT CURRENT, PLATE VOLTAGE, SCREEN VOLTAGE, AND CATHODE CURRENT OF A RADIO RECEIVER 8/5/44 CW: AUG. 44 | | | RANGE CALIBRATOR: ELECTRONIC RANGE CALIBRATOR USED TO CALIBRATE FM RADAR EQUIPMENTS SUCH AS AN/APN-1 SERIES AND AN/ARN-1 ALTI- METERS. WHEN APPROPRIATELY CONNECTED BE- TWEEN THE TRANSMITTING AND RECEIVING AN- TENNA RECEPTACLES OF THE FM EQUIPMENT. 3/6/45 CRP: MAR. 45 | | |
| 6/23/44 CW:X-66325-A DEC. 44 | | | ASSIGNED ISSUED | | | ASSIGNED ISSUED | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

THE CALIBRATOR WILL PRODUCE AT THE OUTPUT OF THE DETECTOR IN THE FM RECEIVER AN AUDIO FREQUENCY WHICH DEPENDS ON THE BANDWIDTH OF THE TRANSMITTER AND THE RANGE OF THE CALIBRATOR THUS ENABLING RANGE CALIBRATION OF THE EQUIPMENT. PROVIDES RANGES OF 3750', 950' AND 350'. WILL REPLACE TS-59/APN-1 AND TS-59A/APN-1. SAME AS TS-250/APN EXCEPT HAS ADDITIONAL RANGE OF 950'.

TS-268/U GEN. USE RE-15A-1093A
CRYSTAL RECTIFIER TEST SET: RESTRICTED CONSISTS OF 0-1MA METER, BATTERY SWITCHES AND RESISTORS. USED FOR TESTING CRYSTAL RECTIFIER IN 21, 1N23, 1N25 & SIMILAR X; S & L BAND CRYSTAL RECTIFIERS. APPROX. DIMENSIONS 4" X 4" X 7" M.I.T. TYPE TMN-10RL.
9/6/44 CAOR:MN-1 OLR
FEB. 45

TS-270/UP AN/MPN-1A
ECHO BOX: CONFIDENTIAL
CONSISTS OF A HAND TUNED ECHO BOX OR RESONANCE CHAMBER TOGETHER WITH CRYSTAL RECTIFIER AND MICROAMMETER. USED TO ALIGN THE EQUIPMENT AND MAKE ROTATIVE FREQUENCY MEASUREMENTS. INCLUDES DIPOLE AND MOUNTING BRACKETS. OPERATES IN Sg
9/9/44 CABV: CABV:SP-5158-A
DEC. 44

TS-270/UP TYPE 14ABA
BAND. SIMILAR TO NAVY EXCEPT FOR FREQUENCY RANGE. OVERALL SIZE: 8" X 12 1/4" X 12 5/8" X 14 5/8".

TS-271/UP GEN USE
SIGNAL GENERATOR: CONFIDENTIAL
CONSISTS OF A SIGNAL GENERATOR, FREQ. METER ATTENUATOR 150DB, OPERATES FROM 8702 MC TO 3548 MC. PULSE REPETITION RATE 300 TO 3000 CPS WITH DELAY ADJUSTABLE FROM 300 MICROSECS. TO 3 MICROSECS., SYNC OR OUT. UT. + OR --
9/9/44 CAQI:
DEC. 44

TS-271/UP
FREQUENCY MODULATION-EXTERNAL OR INTERNAL (60 ± 30V ADJUSTABLE WITH PHASE CONTROL). USED FOR FIELD OR BENCH TESTING OF RADAR RECEIVERS. USES B.T.L. TUBE TYPE AB723.

TS-275/UP AN/MPN-1A
ECHO BOX: CONFIDENTIAL
CONSISTS OF A HAND TUNED ECHO BOX OR RESONANCE CHAMBER TOGETHER WITH CRYSTAL RECTIFIER AND MICROAMMETER. USED TO ALIGN THE EQUIPMENT AND MAKE ROTATIVE FREQUENCY MEASUREMENTS. OPERATES IN S SUB W BAND. SIMILAR TO NAVY TYPE -14ABA
9/14/44 CABV:
NOV. 44

TS-275/UP
EXCEPT FOR FREQUENCY RANGE.

TS-277/AR(XN-1) RESTRICTED
INTERFERENCE TESTER:
INTERFERENCE TESTER, CONSISTING OF A PULSE RECEIVER FIXED TUNED IN THE "L" BAND WITH A PICK-UP LOOP ANTENNA AND A SMALL LIGHT OR METER AS AN INDICATOR. USED FOR MONITORING THE PRESENCE OF AIRCRAFT RADIO INTERFERENCE ABOVE A PRE-9/22/44
SEPT. 44A

DETERMINED LEVEL IN THE "L" BAND. TO SUPPLEMENT TESTS AT LOWER FREQS. WITH CALIBRATED MHF & VHF RECEIVERS. USED AT TEST CENTERS FOR TESTING AIRBORNE EQUIPMENT INSTALLATIONS FOR RADIO INTERFERENCE FROM AIRPLANE IGNITION SYSTEMS. RECEIVER HAS 10 MICROVOLTS SENSITIVITY INTO 500 OHM LOAD. INPUT: 115V, 60 TO 800 CYCLES AT 100 WATTS.

TS-288/UPA-1 AN/UPA-1
DUMMY LOAD: RESTRICTED
USED IN CONJUNCTION WITH CABLE THAT CONNECTS DETECTOR-AMPLIFIER ASSEMBLY AN/UPA-1 TO SYNCHROSCOPE TS-28/UPN. CONTAINED IN ALUMINUM ALLOY HOUSING 1" X 1" X 5 1/8" LONG. HAS NAVY TYPE CONNECTORS 49194 AND 49195 AT EACH
10/5/44 CDL: CDL:8-207-1395-2
OCT. 44

END. PART OF AN/UPA-1.

TS-295/UP GEN. USE CONFIDENTIAL
FREQUENCY-POWER METER
WAVE METER-WATTMETER. USED TO MEASURE FREQUENCY AND POWER OF CW AND PULSED SIGNALS IN THE S SUB W FREQUENCY RANGE. WT. IS APPROX. 12 LBS. INCLUDES ALUMINUM CASE AND CORD CG-256/U, CG-257/U AND CG-258/U. SIZE APPROX: 9 1/8" X 10 1/4" X 4 1/2"
10/14/44 CW:K-66404A CW:BXX-409780
OCT. 44

TS-295/UP
9 1/2" X 11 3/8". SIMILAR TO TS-3/AP AND TS-3A/AP EXCEPT COVERS DIFFERENT FREQ. RANGE.

TS-306/ARM AN/ARW-13
TEST SET: CONFIDENTIAL
SET DESIGNED TO TEST CARRIER AND SUPERIMPOSED-AUDIO FREQUENCIES OF TRANSMITTERS IN THE 30-40 MC. AND 132-140 MC. RANGES. INCLUDES MONITOR RECEIVER INTO WHICH COMBINED SIGNALS ARE FED FOR FREQUENCY COMPARISON WITH STANDARDS. PROVIDES AN
11/2/44
NOV. 44

TS-306/ARM
F.M. TEST SIGNAL FOR ADJUSTMENT OF F.M. RECEIVERS USED FOR TESTING AN/ARW-13, AN/ARW-14, AN/ARW-21 ETC.

TS-307/ARW AN/ARW-13
DUMMY LOAD CONFIDENTIAL
FIXED RESISTOR TYPE OF DUMMY LOAD. USED WITH TEST SET TS-306/ARW FOR TESTING OUTPUT OF TRANSMITTERS IN THE RANGES 30-42 MC., AND 132-140 MC. CAN PICK UP 20W OF TRANSMITTED POWER WHICH IS ATTENUATED TO AN OUTPUT OF 300 MICROVOLTS.
11/2/44
NOV. 44

TS-310/WP GEN. USE CONFIDENTIAL
ECHO BOX:
CONSISTS OF A HAND TUNED ECHO BOX TOGETHER WITH CRYSTAL RECTIFIER AND MICROAMMETER. USED TO ALIGN EQUIPMENT, MEASURE OVERALL PERFORMANCE AND MAKE ROTATIVE FREQUENCY MEASUREMENTS. OPERATES OVER THE ENTIRE X SUB L BAND.
11/8/44 CW:X-66369A
NOV. 44

TS-311/UP GEN. USE CONFIDENTIAL
ECHO BOX:
CONSISTS OF A HAND TUNED ECHO BOX TOGETHER WITH CRYSTAL RECTIFIER AND MICROAMMETER. USED TO ALIGN EQUIPMENT, MEASURE OVERALL PERFORMANCE AND MAKE ROTATIVE FREQUENCY MEASUREMENTS. OPERATES WITHIN A SPECIFIED PORTION OF THE
11/8/44 CW:X63629A
MAY 45

X SUB L BAND.

TS-311A/UP GEN. USE CONFIDENTIAL
ECHO BOX:
CONSISTS OF A HAND TUNED ECHO BOX TOGETHER WITH CRYSTAL RECTIFIER AND MICROAMMETER. USED TO ALIGN EQUIPMENT, MEASURE OVERALL PERFORMANCE AND MAKE ROTATIVE FREQUENCY MEASUREMENTS. OPERATES WITHIN A SPECIFIED PORTION OF THE
4/2/45 CW:X63629B
MAY 45

TS-311A/UP
X SUB L BAND. SAME AS ECHO BOX TS-311/UP EXCEPT HAS CRYSTAL CHECKER.

TS-319/URM-1 AN/URM-1
SOUND TEST BOX: CONFIDENTIAL
TO PROVIDE A SOUND SOURCE FOR TESTING THE HYDROPHONE SECTION OF AN/CRT-4. CONSISTS OF WOODEN CHAMBER LINED WITH CELLULOSE SYNTHETIC RUBBER, PERMAFLUX HEADPHONE, TWO-CONDUCTOR CABLE FOR CONNECTION TO AN EXTERNAL AUDIO GENERATOR. THE
11/14/44
NOV. 44

WOODEN CHAMBER HAS AN OPENING INTO WHICH THE HYDROPHONE END OF THE AN/CRT-4 IS INSERTED. THE PERMAFLUX HEADPHONE IN THE CHAMBER PROVIDES THE SOUND SOURCE WHEN MODULATED BY AN EXTERNAL AUDIO SIGNAL GENERATOR. SIZE: 9" X 7 1/2" X 7 1/2". WEIGHT: 5 1/2 LBS. DRAWING NUMBER NL-140 NDRC. DIVISION 6. SECTION 6.1. USED WITH AN/CRT-4. PART OF: AN/URM-1.

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-------------------------------|--------------------|---|--------------------------------|--------------------|--|
| TS-320/URM-1 AN/URM-1 | | HYDROPHONE MAGNETIZER: CONFIDENTIAL PROVIDES A SOURCE OF 180 VOLTS DC FOR MAGNETIZING THE MAGNETOSTRICTION HYDROPHONES IN AN/CRT-4 EQUIPMENT. CONSISTS OF A CABINET, VOLTMETER, ROTARY SNAP SWITCH, SIX ELECTROLYTIC CONDENSERS, RESISTOR, AND TERMINALS. POWER SUPPLY: 11/14/44 NOV. 44 | TS-328/U GEN. USE | | FREQUENCY METER: A J-B-T INSTRUMENT CO. MODEL 33-F FREQ. METER CONSISTING OF 9 VIBRATING REEDS. THE DIAL IS MARKED FROM 380 TO 420 CYCLES PER SECOND INDICATED IN 5 CYCLE INCREMENTS. MOUNTS IN A BLACK BAKELITE CASE APPROX. 2 33/64" X 3 1/16" X 11/29/44 JAN. 45 | TS-334/UP GEN USE CONFIDENTIAL | | ECHO BOX CONSISTS OF HAND TUNED ECHO BOX TOGETHER WITH CRYSTAL RECTIFIER AND MICROAMMETER. USED AS A POWER INDICATOR; TO MEASURE OVERALL PERFORMANCE AND TO MAKE ROTATIVE FREQ. MEASUREMENTS. OPERATES OVER THE ENTIRE S SUB W AND S SUB H BANDS. 12/16/44 CW:X-664038 CW: FEB. 45 |
| TS-320/URM-1 | | THREE 67 1/2 VOLT BATTERIES NAVY NO. 19032. SIZE: 8" X 8" X 9". WEIGHT: 10 LBS. DRAWING NUMBER NL-137, NDRC, DIVISION 6, SECTION 6.1. USED WITH AN/CRT-4. PART OF: AN/URM-1. | TS-328/U | | 6 13/16". TWO JACKS ARE PROVIDED FOR CONNECTION TO METER BINDING POSTS. INPUT: 100-130 VOLTS, 1.75 WATTS. METER IS RATED AT 70 OHMS PER VOLT AT 400 CYCLES. SAME AS NAVY TYPE CASA-22451 EXCEPT EXCLUDES CASE. | TS-334/UP | | SIMILAR TO ECHO BOX CW-14A89 EXCEPT INCLUDES ALUMINUM CARRYING CASE. |
| TS-321/URM-1 AN/URM-1 | | TUNING TEST CASE: RESTRICTED A MODIFIED AN/CRT-4 TRANSMITTER TEST CASE WHICH HAS APERTURES CUT INTO IT TO PERMIT TUNING OF TRANSMITTER WHILE IN THIS TEST CASE. CONSISTS OF MODIFIED TUNING TEST CASE MADE FROM EMERSON RADIO AND PHONOGRAPH CORP. PART NO. 5385 OR 11/14/44 NOV. 44 | TS-329/U GEN USE RESTRICTED | | DUMMY ANTENNA DUMMY TRANSMITTER ANTENNA USED TO PROVIDE A DUMMY LOAD IN BENCH TESTING OF RF OUTPUT OF TRANSMITTERS. CONSISTS OF NON-INDUCTIVE RESISTANCE OF APPROXIMATELY 50 OHMS IN SERIES WITH A THERMOCOUPLE AM-METER HAVING A RANGE OF 0 TO 0.5 AMPS. 12/6/44 WESTERN ELEC. DEC. 44A ES-694259 | TS-338/UP CONFIDENTIAL | | DUMMY LOAD CAST AL. HOUSING LINED WITH A MIXTURE OF GRAPHITE AND PORTLAND CEMENT TO FORM A SECTION "LOSSY" OF "S" BAND WAVE GUIDE. TERMINATED AT ONE END IN CHOKE UG-200/U AND OTHER END IS CLOSED. EXTERNAL FINS ALLOW DISSIPATION OF HEAT. DISSIPATES 12/27/44 RADIATION LAB. MAR. 45 BUAE R 2663 RL |
| TS-321/URM-1 | | EQUIVALENT. SIZE: 22 1/2" LONG; 6 1/4" DIAMETER. WEIGHT: 4 1/2 LBS. DRAWING NUMBER NL-138, NDRC-DIVISION 6, SECTION 6.1. USED WITH AN/CRT-4. PART OF: AN/URM-1. | TS-329/U | | CONNECTS TO TRANSMITTER UNDER TEST BY 3" OF RG-8/U CORD TERMINATED IN NAVY TYPE CONNECTOR 49195 ON EACH END. SIZE: (APPROX) 3" X 4" X 5". WEIGHT: (APPROX) 2 LBS. USED WITH AN/ARC-1 AND AN/ARC-4. NOTE: IDENTICAL TO A-68-A. PART OF AN/GRM-1, WHICH IS NO LONGER BEING PRODUCED. | TS-338/UP | | 600 W. AVE. OR ONE MEGAWATT PEAK PULSES. SIZE APPROX: 26" X 8" X 9". WT. 18 LBS. |
| TS-322/URM-1 AN/URM-1 | | VOLTAGE INJECTOR: CONFIDENTIAL PROVIDES A SOURCE OF 0-1.5 VOLTS VARIABLE FOR USE IN TESTING THE DIRECTION INDICATOR OR RECEIVERS USED WITH AN/CRT-4 EQUIPMENT. IT IS A SMALL METAL BOX HAVING A VARIABLE POTENTIOMETER, METER TERMINALS AND VOLTAGE OUTPUT TERMINALS. 11/14/44 NOV. 44 | TS-331/UR GEN. USE RESTRICTED | | SIGNAL GENERATOR: RE 165 15 CONSISTS OF A VARIABLE FREQ. OSCILLATOR (40-500 MC) MUTUAL INDUCTANCE TYPE ATTENUATOR, ATTENUATOR MONITORING VOLTMETER, A 400 AND 1000 CYCLE SINE WAVE MODULATOR, MODULATION PERCENTAGE INDICATOR AND RECTIFIER TYPE POWER SUPPLY. HAS 12/11/44 CABD:8238 APR. 45A 930C | TS-339/AP CONFIDENTIAL | | SLOTTED SECTION & PROBE: EP-248 USED TO MEASURE STANDING WAVE RATIOS ON TRANSMISSION LINES AND ANTENNAS. CONSISTS OF A SLOTTED SECTION OF "S" BAND WAVE GUIDE WITH A CHOKE AT ONE END AND FLANGE AT THE OTHER. ALSO HAS CAPACITY COUPLED PROBE WHICH CAN BE MOVED ALONG 12/27/44 CASY: LAB. JAN. 45 R 5120RL |
| TS-322/URM-1 | | CONSISTS OF A METAL BOX, POTENTIOMETER, FOUR POLE DOUBLE THROW SWITCH, METER TERMINALS. POWER SUPPLY: 1 1/2 VOLT FLASHLIGHT CELL BATTERY. SIZE: 5" X 4" X 3". WEIGHT: 2 LBS. USED WITH AN/CRT-4, AND AN/ARR-16. PART OF: AN/URM-1. | TS-331/UR | | A VARIABLE OUTPUT VOLTAGE OF FROM 1 VOLT TO .1 MICROVOLT THROUGH AN OUTPUT IMPEDANCE OF 50 OHMS. OPERATES ON 115V SINGLE PHASE 50-1600 CYCLES, APPROXIMATELY 100 WATTS. DIMENSIONS: 16" X 15" X 12". WEIGHT: 60 LBS. INCLUDES A 4 FT. LENGTH OF OUTPUT CABLE RG-9/U WITH N TYPE PLUGS AT EACH END AND A RUBBER-COVERED POWER CABLE, SEVEN FEET IN LENGTH. | TS-339/AP | | SLOTTED SECTION BY TURNING A POSITIONING KNOB IN CONNECTION WITH A DETECTION METER. SIZE: 8" X 8" X 16". WT. 23 LBS. USED WITH TS-125/AP. |
| TS-323/UR GEN. USE | | FREQUENCY METER: RESTRICTED HETERODYNE FREQUENCY METER WITH CRYSTAL CALIBRATOR AND MODULATOR. FREQUENCY RANGE 20 TO 450 MC. HAS TUNING DIAL HETERODYNE CALIBRATION CORRECTOR KNOB, CALIBRATOR SWITCH (CRYSTAL). AUDIO GAIN CONTROL MODULATION SWITCH. ANTENNA 11/20/44 CRB: JAN. 45 | TS-332/UP X-BAND RADAR | | DUMMY LOAD: CONFIDENTIAL A SECTION OF "X" BAND SMALL SIZE WAVE GUIDE FILLED WITH POLYIRON FILL (MOLDED CERAMIC WITH IRON FILINGS INTERSPERSED). ONE END OF THE WAVEGUIDE IS CLOSED AND THE OTHER END IS TERMINATED IN A PLAIN FLANGE COUPLING. EXTERNAL FINS ALLOW 12/14/44CCJ: DEC. 44 | TS-340/U AN/TPS-1B | | VOLTMETER WESTON MODEL 455 AC-DC ELECTRODYNAMIC TYPE PORTABLE VOLTMETER. DIAL CONSISTS OF THREE SCALES; 0-750 VOLTS, 0-300 AND 0-150 VOLTS AT FROM 25 TO 400 CYCLES. DIMENSIONS: APPROX. 5 1/16" X 6 1/16" X 3 1/2". WT.: 2 1/2 LBS. 12/27/44 CV:455 DEC. 44 |
| TS-323/UR | | TERMINAL AND ANTENNA. HEADSET JACK & RF. OUTPUT CONNECTOR 49470. DIMENSIONS 9 7/16" X 1 1/16" X 19 3/4". POWER SUPPLY FROM SELF CONTAINED BATTERIES (3) 19021 (8A-59) & (2) 8A-203/U. WT. APPROX. 35 LBS. | TS-332/UP | | DISSIPATION OF HEAT. PART OF STABILIZER TUNING CAVITY IN THE AN/CPN-6 TRANSMITTER. S.W.R. IS LESS THAN 1.1 TO 1 AT OPERATING FREQUENCY. SIMILAR TO TS-108A/AP EXCEPT HAS PLAIN FLANGE COUPLING INSTEAD OF CHOKE COUPLING AND HAS SMALLER SIZE FINS. FIRST PROCURED ON NXS 32854, NXS 65337. | TS-344/UP AN/CPX-3 | | REFLECTOMETER: CONFIDENTIAL CONSISTS OF A LENGTH OF AIR DIELECTRIC COAXIAL LINE WHICH IS ATTACHED ON ONE SIDE TO THE TUNING UNIT TN-95/CPX-3 AND ON THE OTHER SIDE TO THE CONNECTOR TO THE ANTENNA EQUIPMENT USED WITH RADAR SET AN/CPX-3. CONTAINS TWO ADJUSTABLE 12/30/44 APR. 45 918 |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|--|-----------------------|--------------------|--|-----------------------|--------------------|---|
| | | TS-344/UP PROBES AND CONNECTIONS TO AN EXTERNAL AMPLIFIER AND MILLIAMMETER PROVIDED IN TRANSMITTER-RECEIVER RT-89/CPX-3. PROVIDES COMPARATIVE ANTENNA STANDING WAVE-RATIO MEASUREMENTS. BRITISH REF. NO. 1105B/193. | | | TS-349/UP 12" X 1 1/2" X 8 1/2". WT: 9 LBS. | | | TS-358/UP EVER IS GREATER). PRODUCES AN EXTERNAL TRIGGER OF AN AMPLITUDE OF 26-50V AT 180 OR 540 REPETITION FREQUENCY. CONSISTS OF A MAIN UNIT AND METAL ACCESSORY BOX CONTAINING CABLES AND AUXILIARY FITTINGS. MAIN UNIT SIZE IS 12 1/2" X 8 17/32" X 19 3/8". WT. APPROX. 60 LBS. INPUT 115V/10/60- |
| | | TS-345/ART-22 AN/ART-22 RESTRICTED TEST SET GENERATES ARTIFICIAL VIDEO WHICH IS COMPOSED OF ARTIFICIAL NOISE AND A VARIABLE LENGTH GATE TO TEST RELAY TRANSMITTER T-123/ART-22. CONSISTS OF NOISE GENERATOR, RECTIFYING AND GATING CIRCUITS; A DELAYED GATE GENERATING CIRCUIT. MIXING. 1/2/45 JAN 45 | | | TS-355/UP AN/APX-13 CONFIDENTIAL TEST SET: TEST SET USED TO MEASURE RECEIVER SENSITIVITY. TRANSMITTER POWER OUTPUT AND FOR ROUGH FREQUENCY MEASUREMENTS. MAY ALSO BE UTILIZED AS A GENERAL TEST SCOPE USED TO TEST OPERATION OF AN/APX-13 AND AN/APX-13A EQUIPMENT. SIZE APPROX: 1/17/45 JAN. 45 | | | TS-362/ASG-10 AN/ASG-10.10A TEST SET: CONFIDENTIAL TEST SET USED FOR CHECKING THE VARIOUS FUNCTIONS AND ADJUSTMENTS OF THE AN/ASG-10 & AN/ASG-10A; PROVIDES A MEANS OF TESTING THYRATRONS AND SERVES AS A MEGOHMMETER. CONSISTS OF TIMER (STANDARD ELECTRIC TYPE S1, OR EQUIVALENT), VI-1/20/45 CHX: MAY 45A 948 |
| | | TS-345/ART-22 CLIPPING AND AMPLIFYING CIRCUITS; POWER ON-OFF SWITCH. PDWER REQUIREMENTS: 115V. 60-800 CYCLES AT 2.5 AMPS. SIZE: 11" X 14" X 8". WEIGHT: 20 LBS. USED WITH AN/ART-22. | | | TS-355/UP 9 1/2" X 11" X 17". WT. APPROX 38 LBS. INPUT POWER: 115V/10/50-1200-. INCLUDES CASE CT-278/UP AND TUNNING UNIT TM-79/UP WHICH IS REMOVABLE. SIMILAR TO TS-182/UP EXCEPT FOR DESIGN CHANGES TO ADAPT THIS UNIT FOR USE WITH AEW IFF. | | | TS-362/ASG-10 BRATOR POWER SUPPLY, THYRATRON TUBE TESTER AND ASSOCIATED CIRCUITS AND CABLES. POWER REQUIREMENTS: 28V DC AT MAXIMUM 2.0 AMPS. SIZE: MAXIMUM 14" X 17" X 12". WEIGHT: APPROX: 35 LBS. USED WITH AN/ASG-10 & AN/ASG-10A. MANUFACTURER: MAGNAVOX CORP. N0aB 6217. |
| | | TS-346/UP CONFIDENTIAL TEST LOAD RF LOAD - USED IN FRONT OF ANTENNA TO ABSORB RF ENERGY IN "SG" BAND. CONSISTS OF MATERIAL 1/4 WAVE LENGTH THICK WITH A METAL SHEET IN THE REAR AND A SPECIAL SCREEN IN THE FRONT FOR ABSORBING RF ENERGY. WINGED IN THE MIDDLE FOR CON- 1/2/45 CATA: JAN. 45 | | | TS-356/UP AN/TPS-18 RESTRICTED PROBE ASSEMBLY: CONSISTS OF A 1' 4" LENGTH OF RG-5/U R.F. CABLE TERMINATED AT ONE END BY RF JACK UG-10/U AND AT THE OTHER END BY A BTL SPECIAL TERMINAL WHICH FITS INTO THE CAVITY AND IS ADJUSTABLE MECHANICALLY FROM THE PANEL OF TEST SET TS-172/UP. 1/17/45 JAN. 45 | | | TS-375/U GEN. USE SPEC:EP-280 VOLTMETER: RESTRICTED VACUUM TUBE VOLTMETER - USED FOR MEASURING BOTH AC AND DC. FULL SCALE RANGE: AC/DC 1.2, 3, 12, 30 & 120; DC ADDITIONAL SCALE, UP TO 300V. FREQUENCY RANGE: AC, 40 CYCLES TO 300 MC. INCLUDES (1.) AC PROBE WITH AN INPUT IMPEDANCE OF 4 2/6/45 CV: FEB. 45 |
| | | TS-346/UP VENIENCE. SIZE: EXTENDED: 4' X 10" X 3 1/2"; FOLDED: 4' X 5' X 7". WEIGHT: 200 LBS. USED WITH AN/APX-20 AND CAN BE USED WITH OTHER "SG" BAND RADAR EQUIPMENT. | | | TS-356/UP PART OF TS-172/UP. | | | TS-375/U MEGOHMS SHUNTED WITH 30 MHFD. (2.) DC PROBE WITH AN INPUT IMPEDANCE OF 20 MEGOHMS; (3.) POWER CORD CX-337/U (8"-). POWER REQUIREMENTS: 115V 50-1600 CYCLES. 25 WATTS. MANUFACTURER WESTON. |
| | | TS-347/APS-20 AN/APS-20 TIME METER TIMING METER- CONSISTS OF A 24 VOLT DC CLOCK TO MEASURE THE ELAPSED TIME OF OPERATION OF RADAR TRANSMITTER T-120/APS-20. IS CAPABLE OF RECORDING UP TO 9,999 HOURS ON THREE (3) DISKS. THE FIRST DIAL RECORDS 100 HOURS IN MULTI- 1/2/45 CATB: JAN 45 MI-116 | | | TS-357/ASG-10 AN/ASG-10 CONFIDENTIAL TEST SET: TEST SET CONTAINED IN A WOODEN BOX. TO BE USED FOR TESTING AN/ASG-10. CONSISTS OF TIMING DEVICE AND BRIDGE CIRCUIT. THIS SET IS USED TO PUT AN/ASG-10 THRU A NORMAL OPERATING CYCLE, WITH AN EXACT CHECK ON THE TIME ELEMENT OF INPUT AND 1/16/45 NRDC#8095 JAN. 45 8096, 8097 | | | TS-377/U AN/ART-22 CONFIDENTIAL REFLECTOMETER: BI-DIRECTIONAL COUPLER USED TO MEASURE TRANSMITTER OUTPUT QUALITATIVELY AND TO CHECK REFLECTED ENERGY FROM THE ANTENNA DUE TO ANTENNA MISMATCH. CONSISTS OF A COAXIAL LINE WITH COUPLING LOOP INTRODUCED INTO IT IN SUCH A WAY THAT THE 2/11/34 CU0: MAR. 45 |
| | | TS-347/APS-20 PLES OF 1 HOUR, THE SECOND 1000 HOURS IN MULTIPLES OF 10 HOURS, THE THIRD 9,000 HOURS IN MULTIPLES OF 100 HOURS. USES AN S102-14s-2P RECEPTACLE FOR INPUT CONNECTIONS. POWER SUPPLY: 28V DC. SIZE: 4" X 4" X 3". WEIGHT: 2 LBS. PART OF: AN/APS-20. | | | TS-357/ASG-10 OUTPUT. THERE IS ALSO PROVISION FOR CHECKING THE ADJUSTMENT OF THE GYRO AND RESISTOR, AND GYRO POINTER CONTACT. POWER REQUIREMENTS: 110V AC 60 CYCLES & 28V DC. SIZE: 11" X 12" X 7 1/2". WEIGHT 13 LBS. USED WITH AN/ASG-10. MANUFACTURER: NATIONAL BUREAU OF STANDARDS. | | | TS-377/U LOOP COUPLES POWER TS-377/U FLOWING IN THE LINE IN ONE DIRECTION ONLY. LOOP MAY BE REVERSED 180° TO READ POWER FLOWING IN THE OTHER DIRECTION. FREQUENCY COVERAGE: 264-372 MC. INCLUDES A MICROAMMETER WITH 6H6 DETECTOR TO MEASURE POWER. A POWER SWITCH, LOOP REVERSAL CONTROL, TUNING CONTROL AND ZERO ADJUSTMENT. POWER REQUIREMENTS: 28V DC AT 1/2 AMPS. SIZE: 12" X 4" X 8". WT. 6 LBS |
| | | TS-349/UP GEN USE CONFIDENTIAL ECHO BOX: ECHO BOX COMPOSED OF A HAND TUNED 1/4 WAVE SHORTED RESONANT COAXIAL LINE, USED TO MEASURE OVERAL PERFORMANCE OF MK 12 AND SIMILAR RADARS. OPERATES IN L BAND. ROTATIVE FREQUENCY MEASUREMENT MAKE POSSIBLE SPECTRUM ANALYSIS. DIMENSIONS: 1/5/45 JAN. 45 | | | TS-358/UP GEN. USE 16C 20 (RE) RANGE CALIBRATOR: CONFIDENTIAL PORTABLE CRYSTAL TYPE RANGE CALIBRATOR SUITABLE FOR CHECKING RANGE CIRCUITS OF VARIOUS SEARCH RADARS AS WELL AS OF REMOTE INDICATORS. MARKER PULSES SHALL BE SPACED BY TIME EQUIVALENT TO RANGES OF 1, 5, 10, & 50 MILES ± .05% OR 15 YDS (WHICH- 1/20/45 JAN. 45 | | | TS-378/UP AN/APS-20 PRESSURIZING PLATE: RESTRICTED PRESSURIZING PLATE USED TO SEAL A SECTION OF "S" BAND WAVE GUIDE. IN ORDER TO TEST FOR AIR LEAKS. CONSISTS OF A 1/4" THICK CIRCULAR BRASS PLATE, 5 1/8" DIA, DRILLED TO FIT WAVE GUIDE FLANGE BOLT CIRCLE AND PROVIDED WITH A SCHRADER AIR 2/8/45 RAO LAB FEB. 45 C12644A |

Army-Navy Designations

4-159

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|----------------------------|----------------------------|--|-----------------------|----------------------------|---|-----------------------|----------------------------|--|
| TS-378/UP | | VALVE TO PERMIT PRESSURIZING. MAY BE USED TO TEST ANY "S" BAND WAVE GUIDE. USED WITH AN/APS-20. WEIGHT: 1 1/2 LBS. MANUFACTURER: RADIATION LABORATORY. | TS-404(XN-1)/APG | | CHECKER, PHASE MODULATOR, AND NECESSARY CABLES, PLUGS AND ACCESSORIES. OPERATES IN FREQUENCY RANGE 1475 TO 1525 MC. POWER INPUT, 115V, 50-1600 CYCLES, AND 100 WATTS. FITS IN CARRYING CASE WT. OF UNIT NOT MORE THAN 30 LBS. SIZE: 12" X 12" X 12". FIRST PROCURED ON MXSB 93940. | INTER- | | TS-418/U |
| TS-387/U | RESTRICTED | TEST SET WHICH PROVIDES AN AURAL MEANS OF CHECKING HEADSETS, AN OUTPUT METER FOR TESTING BOTH CARBON AND MAGNETIC MICROPHONES, AND AN OHMMETER FOR CHECKING THE RESISTANCES OF FLYING SUITS, HEATING ELEMENTS. CONSISTS OF AN AUDIO OSCILLATOR 2/28/45 MAR. 45A | TS-406/UP | CONFIDENTIAL | TEST OSCILLATOR: BUAER USED FOR TESTING RCM RECEIVERS OR OTHER RECEIVERS WITHIN THE SAME FREQUENCY BAND. COVERS FREQUENCY RANGE OF 1000-3500 MC. PULSED OUTPUT AT REPETITION RATE OF BUZZER (APPROX 1500 CPS). SINGLE UNIT CONSISTING OF AN ATTENUATOR, BUZZER, 3/13/45 OIV. 15 NDRC: MAR. 45 RRL U1100 | TS-419/U | GEN. USE | CONFIDENTIAL |
| TS-387/U | | TOR HAVING A FIXED FREQUENCY WITH TWO LEVELS OF OUTPUT: AN AMPLIFIER AND OUTPUT METER; AND POWER SUPPLY USING A JAN 6X5 RECTIFIER. POWER REQUIREMENTS 115V AC 50 TO 1200 C.P.S. SIZE: 11" X 8" X 6". WEIGHT: APPROX. 20 LBS. SUPERSEDES NAF 67073-1 HEADSET AND MICROPHONE TESTER. | TS-406/UP | | AND CAVITY. 3 VOLT BATTERY OPERATED: 1 BURGESS F28P OR 2 BA-30. SIZE: 2" X 9" X 11". WEIGHT: 10 LBS. | TS-419/U | | CONFIDENTIAL |
| TS-398/UP | GEN. USE | ECHO BOX: COMPOSED OF A HAND TUNED 1/4 WAVE SHORTED RESONANT COAXIAL LINE. USED TO MEASURE OVERALL PERFORMANCE OF SA, SC, SK, SR AND OTHER RADARS. MAKES FREQUENCY MEASUREMENT, SPECTRUM ANALYSIS, AND HAS UNTUNED POWER INDICATING FEATURE. SIZE: 4/20/45 CABV: APR. 45 | TS-416/AP | AN/APN-11 | CONFIDENTIAL | TS-424/APX | TN-103/APX | CONFIDENTIAL |
| TS-398/UP | | APPROX. 16" X 11" X 8". WT. APPROX. 15 LBS. | TS-416/AP | | TEST SET: TEST SET USED TO TEST "X" BAND AIRBORNE RADAR BEACONS. PROVIDES FOR CHECKING RECEIVER SENSITIVITY, TRANSMITTER POWER OUTPUT, TRANSMITTER FREQUENCY, SPACING AND CORRECTNESS OF CODE. CONSISTS OF THE FOLLOWING: SIGNAL GENERATOR, THERMISTOR 3/29/45 APR. 45 | TS-424/APX | | CONFIDENTIAL |
| TS-403(XN-1)/U | CONFIDENTIAL | SIGNAL GENERATOR: AIRBORNE RADIO AND RADAR EQUIPMENT. WHICH PRODUCES MICROVOLTAGE SIGNALS BETWEEN 1800 AND 4000 MC. CW OR PULSED. CONSISTS OF A SINGLE UNIT WHICH INCLUDES AN OSCILLATOR, PULSE GENERATOR, ATTENUATOR. 3/14/45 MAR. 45 | TS-417/U | GEN USE | VIDEO-SYNCHRO TEST UNIT: RESTRICTED CONSISTS OF NAVY TYPE IF SYNCHRO GENERATOR WITH FREE AND LOCKED TYPE DIAL, WITH VIDEO TRIGGER AND PULSE GENERATOR. REQUIRES 200 TO 350V DC @ 10MA WITH 6.3V @ 0.6 AMPS WHICH IS FURNISHED FROM AN EXTERNAL SOURCE. INCLUDES ALL TEST LEADS 4/5/45 APR. 45 | TS-432/U | GEN. USE | RE-13A 678X |
| TS-403(XN-1)/U | | FREQUENCY METER AND POWER SUPPLY. POWER REQUIREMENTS: 115V AC ± 10%. 50 TO 1600 CPS. REDESIGNED LAG SIGNAL GENERATOR. MANUFACTURER HEMLETT PACKARD. | TS-417/U | | AND CABLES. USED FOR CHECKING ALL CIRCUITS FOR PLAN POSITION INDICATOR. ALSO FOR CHECKING ANTENNA AZIMUTH BEARINGS. DIMENSIONS: APPROX. 6" X 7" X 6". WT. APPROX. 6 LBS. | TS-432/U | | NOISE-FIELD STRENGTH METER: ADDENDUM 1 NOISE AND FIELD STRENGTH METER WHICH IS ESSENTIALLY A TWO TERMINAL VOLTMETER WITH SUFFICIENT AMPLIFICATION CIRCUITS CONTAINED IN A SINGLE CARRYING CASE WITH A COLLAPSIBLE WHIP ANTENNA. WEB CARRYING STRAP. SELF CONTAINED BATTERY POWER AND DUMMY ANTENNA. OPERATES IN THE RANGE OF 150 TO 350 AND 540 TO 20,000 KC. THE LATTER RANGE BEING DIVIDED INTO FOUR OVERLAPPING BANDS. CAPABLE OF MEASURING INPUT VOLTAGES OF FROM 10 MICROVOLTS TO 100 MILLIVOLTS AND FIELD INTENSITIES FROM 10 MICROVOLTS PER METER TO 100 MILLIVOLTS PER METER. WT. APPROXIMATELY 35 POUNDS. |
| TS-404(XN-1)/APG AN/APG-17 | 9468A | RANGE CALIBRATOR: RANGE CALIBRATOR TO PRODUCE ARTIFICIAL DELAY AND SIMULATED DOPPLER EFFECT IN AN R.F. CARRIER WAVE IN ORDER TO PROVIDE A COMPLETE SYSTEM FOR CALIBRATING RADAR SET AN/APG-17 AND SIMILAR RADARS. CONTAINS A RANGE CALIBRATOR, SENSITIVITY 3/16/45 CRP: APR. 45 | TS-418/U | GEN. USE | SIGNAL GENERATOR: AIRBORNE RADIO AND RADAR EQUIPMENT WHICH PRODUCES SIGNALS AT A FREQUENCY OF 400 TO 1000 MC, CW OR PULSED, WITH ACCURACY TO 1%. OUTPUT IMPEDANCE IS 50 OHMS. THERMISTOR OUTPUT POWER MONITOR WITH 4/6/45 APR. 45A | TS-450/ARA-15 | AN/ARA-15 | CONFIDENTIAL |
| TS-404(XN-1)/APG AN/APG-17 | | ASSIGNED ISSUED | TS-418/U | | ASSIGNED ISSUED | TS-450/ARA-15 | | CONFIDENTIAL |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

CONFIDENTIAL

NAVSHIPS 900,109

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|---------------------|-------------------------------|--|---------------------|-------------------------------|
| ANTENNA, INSTRUCT. BOOKS & TS-450/ARA-15 PLUGS. TRANSMITS A FIXED MESSAGE SIMILAR TO NAVY MODEL CXJV IN COMBINATION WITH A VHF TRANSMITTER SUCH AS NAVY TYPE TDQ OR TDZ IN ORDER TO MAKE A RAPID PRE-FLIGHT CHECK OF AN/ARA-15 AND ITS RADIO LINK SUCH AS AN/ARC-1, 12, OR 13. SIGNAL MAY BE EITHER RADIATED OR INJECTED THRU CABLE TO AN/ARA-15. | | | U-21/U GEN. USE TUBE ADAPTER: USED TO PERMIT TESTING OF 446 TYPE YACU! TUBE IN A HICKOCK OR SIMILAR TYPE TUBE TESTER. SIZE: 1 1/4" CYLINDER X 6" LONG WT. 2 LBS. | 8/1/44 AUG. 44A | CW:X66485A CW:80409688 | UG-6/U GEN USE CHOKE COUPLING: CONFIDENTIAL PRESSURIZED CHOKE COUPLING FOR 1 X 1/2" WAVE GUIDE. CONSISTS OF CHOKE FLANGE, COVER, SPRING CLAMP AND GASKET. | 9/3/43 SEPT 43 | CW:80-31742 |
| TS-451/ARA-15 AN/ARA-15 TEST SET: CONFIDENTIAL COMPOSED OF DC MOTOR AND SPECIAL COMMUTATOR, RELAYS AND SELECTING SWITCHES. SIZE: 1 CU. FT. INPUT: 28V DC. USED TO TEST STATION SELECTION MECHANISM OF THE TELESELECTOR AND EACH POSITION OF THE INDICATOR OF THE IMPULSE TRANSLATING | 5/22/45 MAY 45A | 949CB | U-29/U CONNECTOR: A TWO PIECE, TWO POLE CABLE CONNECTOR ASSEMBLY COMPRISING AN AMPHENOL PLUG #61-M11 (SC-#627567-5) AND AN AMPHENOL RECEPTACLE #61-F11 | 9/23/44 SEPT. 44 | | UG-9/U GENERAL USE RADIO FREQUENCY PLUG: COAXIAL PLUG - R.F. TYPE 50 OHMS IMPEDANCE - NON WEATHER PROOF. FOR USE WITH R.F. CABLE RG-5/U (500 VOLTS PEAK) AN DESIGNATION FOR 49426 | 10/15/43 OCT. 43 | MIT 2306 |
| TS-451/ARA-15 EQUIPMENT AN/ARA-15. PUTS OUT DC PULSES SIMULATING OUTPUT OF THE DISTRIBUTOR OF IMPULSE TRANSLATING EQUIPMENT AN/ARA-15. THESE DC PULSES CONSTITUTE A COMPLETE MESSAGE. USED WITH BUT NOT PART OF IMPULSE TRANSLATING EQUIPMENT AN/ARA-15. ACCESSORIES: PLUGS, CABLES INSTRUCTION BOOK. | | | U-47/APA-16 AN/APA-16 ADAPTER: CONSISTS OF PLUG AN-3108-22-19P AND SOCKET AN-3102-22-10S SEPARATED BY A SPACER. USED TO ADAPT CONTROL UNIT C-275/APA-16 (OR CONTROL UNIT C-106/APA AS MODIFIED BY ADAPTER KIT MX-476/APA-16) FOR USE WITH TS-102/AP. | 2/8/45 MAY 45 | CW:BL-419824 ISSUE 1 | UG-10/U GENERAL USE RADIO FREQUENCY JACK: COAXIAL JACK, WITH MOUNTING PLATE - R.F. TYPE. 50 OHMS IMPEDANCE NON-WEATHERPROOF. FOR USE WITH R.F. CABLE RG-5/U (500 VOLTS PEAK) AN DESIGNATION FOR 49427 | 10/15/43 OCT. 43 | MIT 2309 |
| TS-464/ARW TEST SET: CONFIDENTIAL CONSISTS OF: BEACON "OFF" SWITCH, DIVE SWITCH, MASTER SWITCH "ON-OFF", 3 POSITION SELECTOR SWITCH; DIAL FOR TURN CONTROL. NECESSARY CABLES & CIRCUITS. SIZE: 6" X 6" X 3 1/2". WEIGHT: APPROX. 7 LBS. POWER INPUT: 28V DC AT | 5/22/45 MAY 45A | BUAER | U-47/APA-16 WHEN ATTACHED TO A MATING CONNECTOR ON THE CONTROL UNIT ADAPTER PLUG PERMITS NORMAL OPERATION OF CONTROL UNIT C-275/APA-16 ONLY. THE PLUG ALSO PROVIDES A SOURCE OF POWER FOR TS-102/AP. WT. OF ADAPTER, APPROX. 1/2 LB. IS PART OF C-275/APA-16 AND OF MX-476/APA-16. | | | UG-11/U GENERAL USE RADIO FREQUENCY JACK: COAXIAL JACK, LESS MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - NON-WEATHER-PROOF. FOR USE WITH R.F. CABLE RG-5/U (500 VOLTS PEAK) AN DESIGNATION FOR 49428 | 10/15/43 OCT. 43 | MIT 2309 |
| TS-464/ARW 0.5 AMPS. TEST SET FOR PRELAUNCHING ADJUSTMENT OF ELECTRONIC EQUIPMENT INSTALLED IN JB-2 AIRCRAFT. BY SIMULATING THE RELAY ACTION OF RADIO RECEIVER AN/ARW-17. USED WITH BUT NOT PART OF CONTROL RELAY BOX C-296/ASW AND OTHER ELECTRONIC EQUIPMENTS INSTALLED IN JB-2 AIRCRAFT. | | | U-48/U GEN USE TUBE ADAPTER: ADAPTER TO ALLOW TESTING OF TUBE TYPE 446. TWO PIECE CONSTRUCTION: SOCKET ADAPTER & TOP CONNECTOR, WITH A 6" TWO WIRE CABLE CONNECTING THE TWO. CONSISTS OF AN OCTAL TUBE SOCKET ON AN OCTAL TUBE BASE. ALL PINS ON THE BASE WIRED THRU TO | 3/6/45 APR. 45 | CAJ1: | UG-12/U GENERAL USE RE-49F-180 RADIO FREQUENCY PLUG: COAXIAL PLUG - R.F. TYPE - 50 OHMS IMPEDANCE. NON-WEATHERPROOF. FOR USE WITH R.F. CABLE RG-8/U (500 VOLTS PEAKS) AN DESIGNATION FOR 49205 | 10/15/43 OCT. 43 | MIT 2306 |
| COMPONENT INDICATOR "U" UNIONS EXCEPT RF INCLUDES: CONNECTORS, PLUGS, SOCKETS, ETC., EXCEPT THE ONES DESIGNED FOR RADIO FREQUENCIES. NOTE: SEE COMPONENT INDICATOR "UG" | | | CORRESPONDING LUGS ON THE TUBE SOCKET EXCEPT GRID & PLATE LEADS. A PAIR OF WIRES CONNECT TO GRID (PIN 5) & PLATE (PIN 3) LEADS IN THE SOCKET; OTHER ENDS OF THESE WIRES CONNECT TO 2 CONTACTOR RINGS IN TOP CONNECTOR. SIZE: 4 1/2" X 1 1/2" DIA. WT. 4 OZ. USED WITH HICKOK MODEL 540 TUBE TESTER. SIMILAR TO NAVY TYPE CBK-49617 EXCEPT LIGHTER & SMALLER. FIRST PROCURED ON N08B-6442. | | | UG-13/U GENERAL USE RADIO FREQUENCY JACK: RE 49 F 180 COAXIAL JACK, WITH MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - NON-WEATHER-PROOF. FOR USE WITH R.F. CABLE RG-8/U (500 VOLTS PEAKS) AN DESIGNATION FOR 49206 | 10/15/43 OCT. 43 | MIT 2309 |
| U-3/APA-19 AN/APA-19 ADAPTER RESTRICTED A TEE CONNECTOR WHICH IS USED TO TAP INTO HIGH VOLTAGE LINE WITH A STANDARD SOCKET AN 3102-18-165 AND CORRESPONDING PLUG ON OTHER END AND A SPECIAL WESTERN ELECTRIC PREFABRICATED HIGH VOLTAGE SOCKET D 163260 ON THE THIRD END. | 11/2/43 NOV. 43 | | COMPONENT INDICATOR "UG" RADIO FREQUENCY UNIONS INCLUDES: CONNECTORS, PLUGS, SOCKETS, ETC., DESIGNED FOR RADIO FREQUENCIES. NOTE: SEE COMPONENT INDICATOR "U" | | | UG-14/U GENERAL USE RE-49F-180 RADIO FREQUENCY JACK: COAXIAL JACK, LESS MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - NON WEATHER-PROOF FOR USE WITH R.F. CABLE RG-8/U (500 VOLTS PEAK) AN DESIGNATION FOR 49296 | 10/15/43 OCT. 43 | MIT 2309 |
| U-3/APA-19 CONNECTS BETWEEN RECEIVER-INDICATOR R-7/APS-2 AND CABLE LEADING TO PLAN REPEATER INDICATOR ID-2/APS-2 AND INDICATOR ID-3/APQ-5 TO PROVIDE HIGH VOLTAGE FOR INDICATOR ID-3/APQ-5. MOUNTS ON FRONT PANEL OF RECEIVER-INDICATOR R-7/APS-2. | | | UG-5/U GEN USE CHOKE COUPLING: CONFIDENTIAL PRESSURIZED CHOKE COUPLING 1-1/4 X 5/8" WAVE GUIDE. CONSISTS OF CHOKE FLANGE, COVER, GASKET, AND SPRING CLAMP. | 9/3/43 SEPT 43 | CW:80-31756 | UG-15/U GENERAL USE RADIO FREQUENCY PLUG: COAXIAL PLUG - R.F. TYPE - 50 OHMS IMPEDANCE - NON WEATHERPROOF. FOR USE WITH R.F. CABLE RG-38/U (500 VOLTS PEAK) AN DESIGNATION FOR 49288 | 10/15/43 OCT. 43 | MIT 2306 |

Army-Navy Designations

4-161

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|---|-----------------------|-------------------------|--|-----------------------|------------------------|--|
| UG-16/U | GENERAL USE | RADIO FREQUENCY JACK: COAXIAL JACK, WITH MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - NON WEATHER PROOF. FOR USE WITH R.F. CABLE RG-38/U (500 VOLTS PEAK) AN DESIGNATION FOR 49289 | UG-22/U | GENERAL USE RE 49 F 188 | RADIO FREQUENCY JACK: COAXIAL JACK, WITH MOUNTING. R.F. TYPE 50 OHMS IMPEDANCE - WEATHERPROOF. FOR USE WITH R.F. CABLE RG-8/U (500 VOLTS PEAK). NAVY TYPE NUMBER -49269. | UG-27/U | GEN. USE | R.F. ADAPTER: RIGHT ANGLE ADAPTER FOR USE WITH TYPE "N" CONNECTORS. WEATHERPROOF 50 OHMS IMPEDANCE. SIMILAR TO UG-27A/U BUT LARGER AND WITH HIGHER REFLECTION COEFFICIENT. INTERCHANGEABLE WITH UG-27A/U WHERE SIZE & ELECTRICAL PROPERTIES ARE NOT CRITICAL. 10/15/43 CQA OCT. 44A |
| 10/15/43 TYPE "N" | MIT 2309 | | 10/15/43 TYPE "N" | MIT 4040 | | UG-27A/U | GENERAL USE JAN-C-71 | RADIO FREQUENCY ADAPTER: RIGHT ANGLE ADAPTER - FOR USE WITH TYPE "N" CONNECTORS - WEATHERPROOF - 50 OHMS IMPEDANCE - R.F. TYPE - 600 VOLTS PEAK MAX. VOLTAGE STANDING WAVE RATIO IN "S" BAND 1.25 TO 1. MAX. DIMENSIONS 1 7/16" X 1 7/16". AN DESIGNATION FOR 49267. 9/30/44 TYPE "N" MIT-B2666 NOV. 44 |
| 10/15/43 TYPE "N" | MIT 2309 | | UG-22A/U | GEN. USE | RADIO FREQUENCY JACK TYPE N. 50 OHM. ELECTRICALLY IMPROVED. MICROWAVE RF CABLE CONNECTOR JACK WITH MOUNTING PLATE. HAS SPECIAL COMPENSATING SECTIONS FOR REDUCING REFLECTION AT MICROWAVE FREQUENCIES. SIMILAR TO AND INTERCHANGEABLE WITH UG-22/U. FOR USE 2/14/45 FEB. 45 | UG-28/U | GENERAL USE | RADIO FREQUENCY ADAPTER: TEE ADAPTER - FOR USE WITH TYPE "N" CONNECTORS - WEATHERPROOF - 50 OHMS IMPEDANCE - R.F. TYPE - (500 VOLTS PEAK) AN DESIGNATION FOR 49450 |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-22A/U | | RG-8/U, RG-9/U, AND RG-10/U CABLES. | 10/15/43 TYPE "N" | CQA-B7560 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-18/U | GENERAL USE | RADIO FREQUENCY PLUG: COAXIAL PLUG - R.F. TYPE - 50 OHMS IMPEDANCE - WEATHERPROOF TYPE. FOR USE WITH R.F. CABLE RG-5/U (500 VOLTS PEAK) AN DESIGNATION FOR 49286 | 10/15/43 TYPE "N" | CQA-87540 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-19/U | GENERAL USE | RADIO FREQUENCY JACK: COAXIAL JACK, WITH MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - WEATHERPROOF TYPE. FOR USE WITH R.F. CABLE RG-5/U (500 VOLTS PEAK) AN DESIGNATION FOR 49287 | UG-29/U | GENERAL USE | RADIO FREQUENCY ADAPTER: SPLICING ADAPTER - FEMALE BOTH ENDS - FOR USE WITH TYPE "N" CONNECTORS - WEATHERPROOF - 50 OHMS IMPEDANCE - R.F. TYPE - (500 VOLTS PEAK) AN DESIGNATION FOR 49451 |
| 10/15/43 TYPE "N" | MIT 4040 | | UG-20/U | GENERAL USE | RADIO FREQUENCY JACK: COAXIAL JACK, LESS MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - WEATHERPROOF TYPE. FOR USE WITH R.F. CABLE RG-5/U (500 VOLTS PEAK) AN DESIGNATION FOR 49299 | 10/15/43 TYPE "N" | CQA-B-7540 | |
| 10/15/43 TYPE "N" | MIT 4040 | | UG-21/U | GENERAL USE RE 49F 188 | RADIO FREQUENCY PLUG: COAXIAL PLUG - R.F. TYPE - 50 OHMS IMPEDANCE - WEATHERPROOF TYPE. FOR USE WITH R.F. CABLE RG-8/U (500 VOLTS PEAK) AN DESIGNATION FOR 49268 | UG-30/U | GENERAL USE | RADIO FREQUENCY JACK: PRESSURIZED PANEL JACK - 50 OHMS IMPEDANCE - WEATHERPROOF - FOR USE WITH TYPE "N" CONNECTORS - PRESSURIZED ALONG AXIS TO ACCOMMODATE PRESSURIZED BULKHEAD OR CHASSIS. |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-22/U | GENERAL USE | RADIO FREQUENCY JACK: COAXIAL JACK, WITH MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - WEATHERPROOF. FOR USE WITH R.F. CABLE RG-9/U (500 VOLTS PEAK) AN DESIGNATION FOR 49285 SUPERCEDED BY UG-21/U | 10/15/43 | MIT-B-4756 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-23/U | GENERAL USE RE 49F 188 | RADIO FREQUENCY JACK: COAXIAL JACK, LESS MOUNTING PLATE. R.F. TYPE - 50 OHMS IMPEDANCE - WEATHERPROOF. FOR USE WITH R.F. CABLE RG-8/U (500 VOLTS PEAK) AN DESIGNATION FOR 49298 | UG-31/U | GENERAL USE RE 49F 194 | RADIO FREQUENCY ADAPTER: ADAPTER - TO COUPLE R.F. CABLE RG-14/U TO - 1-5/8" RIGID TRANSMISSION LINE. 50 OHMS IMPEDANCE - WEATHERPROOF. AN DESIGNATION FOR 49454 |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-24/U | GENERAL USE | RADIO FREQUENCY JACK: COAXIAL JACK, WITH MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - WEATHERPROOF. FOR USE WITH R.F. CABLE RG-9/U (500 VOLTS PEAK) AN DESIGNATION FOR 49285 SUPERCEDED BY UG-22/U. | 10/15/43 | CSX- | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-25/U | GENERAL USE | RADIO FREQUENCY JACK: COAXIAL JACK, WITH MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - WEATHERPROOF. FOR USE WITH R.F. CABLE RG-9/U (500 VOLTS PEAK) AN DESIGNATION FOR 49285 SUPERCEDED BY UG-22/U. | UG-32/U | GENERAL USE RE 49F 187 | RADIO FREQUENCY COUPLING: COAXIAL COUPLING FITTING - R.F. TYPE USED TO COUPLE 50 OHM WEATHERPROOF TYPE "N" CONNECTOR TO 7/8" O.D. 50 OHM RIGID TRANSMISSION LINE. (500 VOLTS PEAK) AN DESIGNATION FOR 49261 |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-26/U | GENERAL USE | RADIO FREQUENCY JACK: COAXIAL JACK, LESS MOUNTING PLATE - R.F. TYPE - 50 OHMS IMPEDANCE - WEATHERPROOF. FOR USE WITH R.F. CABLE RG-9/U (500 VOLTS PEAK) AN DESIGNATION FOR 49445 SUPERCEDED BY UG-23/U. | 10/15/43 49261 | CGA-7210 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-27A/U | GEN. USE | RADIO FREQUENCY JACK: TYPE N. 50 OHM. ELECTRICALLY IMPROVED MICROWAVE R.F. CABLE CONNECTOR JACK. SAME AS UG-22A/U EXCEPT LESS MOUNTING PLATE. SIMILAR TO AND INTERCHANGEABLE WITH UG-23/U. | 10/15/43 49267 | CGA-7210 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-28/U | GENERAL USE | RADIO FREQUENCY ADAPTER: TEE ADAPTER - FOR USE WITH TYPE "N" CONNECTORS - WEATHERPROOF - 50 OHMS IMPEDANCE - R.F. TYPE - (500 VOLTS PEAK) AN DESIGNATION FOR 49450 | 10/15/43 49263 | CQA-7217 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-29/U | GENERAL USE | RADIO FREQUENCY ADAPTER: SPLICING ADAPTER - FEMALE BOTH ENDS - FOR USE WITH TYPE "N" CONNECTORS - WEATHERPROOF - 50 OHMS IMPEDANCE - R.F. TYPE - (500 VOLTS PEAK) AN DESIGNATION FOR 49451 | 10/15/43 49263 | CQA-7217 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-30/U | GENERAL USE | RADIO FREQUENCY JACK: PRESSURIZED PANEL JACK - 50 OHMS IMPEDANCE - WEATHERPROOF - FOR USE WITH TYPE "N" CONNECTORS - PRESSURIZED ALONG AXIS TO ACCOMMODATE PRESSURIZED BULKHEAD OR CHASSIS. | 10/15/43 49263 | CQA-7217 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-31/U | GENERAL USE RE 49F 194 | RADIO FREQUENCY ADAPTER: ADAPTER - TO COUPLE R.F. CABLE RG-14/U TO - 1-5/8" RIGID TRANSMISSION LINE. 50 OHMS IMPEDANCE - WEATHERPROOF. AN DESIGNATION FOR 49454 | 10/15/43 49263 | CQA-7217 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-32/U | GENERAL USE RE 49F 187 | RADIO FREQUENCY COUPLING: COAXIAL COUPLING FITTING - R.F. TYPE USED TO COUPLE 50 OHM WEATHERPROOF TYPE "N" CONNECTOR TO 7/8" O.D. 50 OHM RIGID TRANSMISSION LINE. (500 VOLTS PEAK) AN DESIGNATION FOR 49261 | 10/15/43 49263 | CQA-7217 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-33/U | GENERAL USE RE 49F 187 | RADIO FREQUENCY COUPLING: COAXIAL COUPLING FITTING - R.F. TYPE, USED TO COUPLE WEATHERPROOF TYPE "N" CONNECTOR TO 7/8" O.D. 70 OHM RIGID TRANSMISSION LINE. (500 VOLTS PEAK) AN DESIGNATION FOR 49263 | 10/15/43 49263 | CQA-7217 | |
| 10/15/43 TYPE "N" | MIT 3194 | | UG-34/U | GENERAL USE RE 49F 187 | RADIO FREQUENCY COUPLING: COAXIAL COUPLING FITTING - R.F. TYPE, USED TO COUPLE WEATHERPROOF TYPE "N" CONNECTOR TO 7/8" O.D. 70 OHM RIGID TRANSMISSION LINE. (500 VOLTS PEAK) AN DESIGNATION FOR 49263 | 10/15/43 49263 | CQA-7217 | |

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|---|-----------------------|---|---|-----------------------|--------------------|--|
| UG-34/U | GENERAL USE | RADIO FREQUENCY PLUG: PLUG, HIGH VOLTAGE PULSE - FOR USE WITH A-N TYPE RG-25/U OR RG-26/U CABLE - WATER PROOF - RATED AT 6 K.V. - FURTHER TEST DATA OUTLINED IN RADIATION LABORATORY, M.I.T. REPORT #424 DATED SEPTEMBER 11, 1943 BY DR. H. J. WHITE AND DR. J. R. PERKINS. 10/15/43 TYPE "A" M.I.T. B-4642 | UG-38A/U | GENERAL USE | RADIO FREQUENCY RECEPTACLE: PANEL MOUNTING RECEPTACLE FOR HIGH VOLTAGE PULSE CABLE WITH SHORT CERAMIC LEAKAGE PATH FOR AIR TO OIL OPERATION. USED WITH RG-25/U AND RG-26/U CABLE AND UG-34/U PLUG. SIMILAR TO UG-38/U EXCEPT FOR LIGHTER CONSTRUCTION AND IS INTER- 12/11/43 CG:H-6872099 | UG-43/U | GENERAL USE | MALE COUPLING: BRASS MALE COUPLING FOR 1/2" STUB SUPPORTED COAXIAL LINE FOR USE WITH RG-47/U COAXIAL LINE, CONSISTS OF MALE RECEPTACLE, COUPLING FLANGE (CLEARANCE HOLES), GASKET AND PHOS. BRONZE BULLET. USED WITH FEMALE COUPLING UG-44/U. 11/16/43 CAFY: RIT B4386A |
| DR. J. R. PERKINS. | UG-34/U | | UG-38A/U | CHANGEABLE WITH IT. | | UG-44/U | GENERAL USE | FEMALE COUPLING: BRASS FEMALE COUPLING FOR 1/2" STUB SUPPORTED COAXIAL LINE FOR USE WITH RG-47/U COAXIAL LINE, CONSISTS OF FEMALE RECEPTACLE, COUPLING FLANGE (TAPPED HOLES), 4 CAP SCREWS AND LOCKWASHERS. USED WITH MALE COUPLING UG-43/U. 11/16/43 CAFY: RIT B-4386-A |
| | | | | CANCELLED REASSIGNED TO UG-63/U | | | | NOV. 43 CSX : |
| UG-35/U | GENERAL USE | RADIO FREQUENCY RECEPTACLE: RECEPTACLE, PANEL MOUNTED TO AIR - HIGH VOLTAGE PULSE - RATED AT 6 K.V. - WATER PROOF - FURTHER TEST DATA OUTLINED IN RADIATION LABORATORY, M.I.T., REPORT #424 DATED SEPTEMBER 11, 1943 BY DR. H. J. WHITE AND DR. J. R. PERKINS. 10/15/43 TYPE "A" M.I.T. B-4641 | UG-39/U | GEN USE | RE 49F197 | UG-45/U | GENERAL USE | MALE COUPLING: BRASS MALE COUPLING FOR 7/8" COAXIAL LINE FOR USE WITH RG-44/U COAXIAL LINE, CONSISTS OF MALE RECEPTACLE, COUPLING FLANGE (CLEARANCE HOLES), GASKET AND PHOS. BRONZE BULLET. USED WITH FEMALE COUPLING UG-46/U. 11/16/43 CAFY: RIT C1973-A |
| | | | UG-40/U | GEN USE | RE 49F197 | | | NOV. 43 CSX : |
| | | | | CHOKES: BRASS WAVE GUIDE COUPLING CHOKES FOR USE WITH RG-52/U WAVE GUIDE, CONSISTS OF CHOKE FLANGE NEOPRENE WASHER, 4 CAP SCREWS AND LOCK WASHERS. PART OF UG-6/U FOR AIRCRAFT OR OTHER LIGHT WEIGHT USE. SIZE: 1 5/8" X 1 5/8" X 7/16". 11/5/43 | | | | |
| UG-36/U | GENERAL USE | RADIO FREQUENCY PLUG: PLUG, HIGH VOLTAGE PULSE - FOR USE WITH A-N TYPE RG-27/U CABLE-WATER PROOF - RATED AT 13 K.V. DIMENSIONS: APPROX. 4 1/2" X 2" DIA. MATES WITH RF RECEPTACLE UG-37/U, UG-38/U AND UG-158/U. 10/15/43 CG:8899 M.I.T. B-4643 | UG-41/U | GEN USE | RE 49F198 | UG-46/U | GENERAL USE | FEMALE COUPLING: BRASS FEMALE COUPLING FOR 7/8" COAXIAL LINE FOR USE WITH RG-44/U COAXIAL LINE, CONSISTS OF FEMALE RECEPTACLE, COUPLING FLANGE (TAPPED HOLES), FOUR CAP SCREWS AND GASKETS. USED WITH MALE COUPLING UG-45/U. 11/16/43 CAFY: RIT C1973-B |
| | | | | CHOKES: BRASS WAVE GUIDE COUPLING CHOKES FOR USE WITH RG-52/U WAVE GUIDE, CONSISTS OF CHOKE FLANGE NEOPRENE WASHER, 4 CAP SCREWS AND LOCK WASHERS. PART OF UG-6/U FOR AIRCRAFT OR OTHER LIGHT WEIGHT USE. SIZE: 1 5/8" X 1 5/8" X 7/16". 11/5/43 | | | | NOV. 43 CSX : |
| | | | | NOV. 43 | | | | |
| UG-37/U | GENERAL USE | RADIO FREQUENCY RECEPTACLE: RECEPTACLE, AIR TO AIR, HIGH VOLTAGE PULSE - RATED AT 13 K.V. - WEATHERPROOF - FURTHER TEST DATA OUTLINED IN RADIATION LABORATORY, M.I.T. REPORT #424 DATED SEPTEMBER 11, 1943 BY DR. H. J. WHITE AND DR. J. R. PERKINS. 10/15/43 TYPE "B" M.I.T. B-4644 | UG-42/U | GEN USE | RE 49F198 | UG-47/U | GENERAL USE | MALE COUPLING: BRASS MALE COUPLING FOR 1-1/4" COAXIAL LINE FOR USE WITH RG-45/U COAXIAL LINE, CONSISTS OF COUPLING FLANGE (CLEARANCE HOLES), MALE RECEPTACLE, GASKET AND BULLET. USED WITH FEMALE COUPLING UG-48/U. 11/16/43 CSX : RIT B4460A |
| | | | | CHOKES: WAVE GUIDE COUPLING CHOKES: BRASS. FOR USE WITH RG-51/U WAVE GUIDE, CONSISTS OF CHOKE FLANGE, NEOPRENE GASKET, 4 CAP SCREWS AND LOCKWASHERS, A PART OF UG-5/U. FOR AIRCRAFT OR OTHER LIGHT WEIGHT USE. SIZE: 1 3/4" X 1 3/4" X 7/16". 11/5/43 | | | | NOV. 43 CAFY: |
| | | | | NOV. 43 | | | | |
| UG-37A/U | GENERAL USE | RADIO FREQUENCY RECEPTACLE: PANEL MOUNTING RECEPTACLE FOR HIGH VOLTAGE PULSE CABLE WITH LONG CERAMIC LEAKAGE PATH FOR AIR TO AIR OPERATION. USED WITH RG-25/U AND RG-26/U CABLE AND UG-34/U PLUG. SIMILAR TO UG-37/U EXCEPT FOR LIGHTER CONSTRUCTION AND IS INTER- 12/11/43 CG:H-6872099 | UG-48/U | GENERAL USE | RE 49F198 | UG-49/U | GENERAL USE | MALE COUPLING: BRASS MALE COUPLING FOR 1-5/8" COAXIAL LINE FOR USE WITH RG-46/U COAXIAL LINE, CONSISTS OF COUPLING FLANGE (CLEARANCE HOLES), MALE RECEPTACLE AND BULLET. USED WITH FEMALE COUPLING UG-50/U. 11/16/43 CSX : RIT B2163A |
| | | | | CHOKES: WAVE GUIDE COUPLING CHOKES: BRASS. FOR USE WITH RG-51/U WAVE GUIDE, CONSISTS OF CHOKE FLANGE, NEOPRENE GASKET, 4 CAP SCREWS AND LOCKWASHERS, A PART OF UG-5/U. FOR AIRCRAFT OR OTHER LIGHT WEIGHT USE. SIZE: 1 3/4" X 1 3/4" X 7/16". 11/5/43 | | | | NOV. 43 CAFY: |
| | | | | NOV. 43 | | | | |
| UG-38/U | GENERAL USE | RADIO FREQUENCY RECEPTACLE: RECEPTACLE, AIR TO OIL, HIGH VOLTAGE PULSE AT 13 K.V. WEATHERPROOF - FURTHER TEST DATA OUTLINED IN RADIATION LABORATORY, M.I.T. REPORT #424 DATED SEPTEMBER 11, 1943 BY DR. H. J. WHITE AND DR. J. R. PERKINS. 10/15/43 TYPE "B" M.I.T. B-4645 | UG-49/U | GENERAL USE | RE 49F198 | UG-50/U | GENERAL USE | FEMALE COUPLING: BRASS FEMALE COUPLING FOR 1-5/8" COAXIAL LINE FOR USE WITH RG-46/U COAXIAL LINE, CONSISTS OF COUPLING FLANGE (TAPPED HOLES) FEMALE RECEPTACLE, GASKET, FOUR CAP SCREWS AND LOCKWASHERS. USED WITH MALE COUPLING UG-49/U. 11/16/43 CSX : RIT B2163A |
| | | | | CHOKES: WAVE GUIDE COUPLING CHOKES: BRASS. FOR USE WITH RG-51/U WAVE GUIDE, CONSISTS OF CHOKE FLANGE, NEOPRENE GASKET, 4 CAP SCREWS AND LOCKWASHERS, A PART OF UG-5/U. FOR AIRCRAFT OR OTHER LIGHT WEIGHT USE. SIZE: 1 3/4" X 1 3/4" X 7/16". 11/5/43 | | | | NOV. 43 CAFY: |
| | | | | NOV. 43 | | | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|------------------------|-------------------------------|---|-------------------------|-------------------------------|---|-----------------------|-------------------------------|
| UG-66/U | GENERAL USE RE 49F 213 | | UG-70/U | GENERAL USE RE 49Z | | UG-79/U | | |
| CONNECTOR: FLANGED CONTACT TYPE FOR R.F. LINE RG-48/U. CONSISTS OF BRONZE FLANGE, ONE CORPRENE GASKET, 5 EACH STAINLESS STEEL NUTS, BOLTS AND LOCKWASHERS. FOR USE WITH UG-65/U TO PROVIDE COMPLETE WAVE GUIDE JOINT. OVERALL DIMENSIONS, 2" BY 12/23/43 CAFM-S-N-777 DEC. 43 | | | ELBOW: FOR USE WITH RADIO FREQUENCY LINE RG-48/U. ELBOW IS BENT ON THE SMALLER OF THE RECTANGULAR CROSS-SECTIONAL DIMEN- SIONS WITH A 2" BEND RADIUS. CONSISTS OF TWO LOW HUB CONTACT FLANGES AND 10 EACH OF BOLTS, NUTS AND LOCKWASHERS. 12/23/43 CAFM:2-M-782 DEC. 43 | | | 1 15/32" X 2 1/2". WT. 4 OZ. | | |
| UG-66/U | | | UG-70/U | | | UG-80/U | GENERAL USE | |
| 4" BY 5 1/2". NAVY DESIGNATION -49481. | | | ATTACHES TO BUT DOES NOT INCLUDE A UG-66/U CONNECTOR AT EACH END. | | | ADAPTER: WAVEGUIDE ADAPTER--- CONSISTS OF WAVE- GUIDE ADAPTER FITTED WITH CHOKE UG-42/U ON ONE END AND COVER PLATE UG-39/U ON THE OTHER END. USED TO ADAPT A RG-51/U WAVEGUIDE TO RG-52/U WAVEGUIDE. PART OF TS-12/AP (UNIT 2). 3/15/44 CPK: CPK:45-5378 SEPT. 44 | | |
| UG-67/U | GENERAL USE RE 49Z | | UG-71/U | GENERAL USE RE 49-F-217 | | UG-80/U | | |
| ELBOW: FOR USE WITH RADIO FREQUENCY LINE RG-48/U. ELBOW IS BENT ON THE LARGER OF THE RECTANGULAR CROSS-SECTIONAL DIMEN- SION WITH A 6" BEND RADIUS. CONSISTS OF ELBOW, TWO LOW HUB CONTACT FLANGES & 10 EACH OF BOLTS, NUTS AND LOCKWASHERS. 12/23/43 CAFM:2-M-779 DEC. 43 | | | CONNECTOR: CONNECTOR HIGH VOLTAGE, HIGH POWER. CON- NECTS RADIO FREQUENCY CABLE RG-17/U TO 1 5/8" RADIO FREQUENCY COMMERCIAL RIGID LINE. 50 OHMS IMPEDANCE. POLYETHYLENE IS FUSED INSIDE CONNECTOR TO PROVIDE A HIGHER VOLTAGE BREAKDOWN LEVEL. AFTER 1/5/44 CG: JAN. 44 CPH: CPH:4-400 | | | SIZE 1 3/4" X 1 3/4" X 23/32" WT: 8 OZ. | | |
| UG-67/U | | | UG-71/U | | | UG-81/U | GEN. USE CONFIDENTIAL | |
| ATTACHES TO BUT DOES NOT INCLUDE A UG-66/U CONNECTOR AT EACH END. | | | MOLDING CANNOT BE DISCONNECTED. | | | ADAPTER COAX-WAVEGUIDE ADAPTER: USED TO ADAPT RADIO FREQUENCY PLUG UG-24/U TO RADIO FREQUENCY LINE RG-52/U. ON ONE END IS A CHOKE JOINT AND ON THE OTHER IS A RADIO FREQUENCY JACK UG-25/U OR EQUIVALENT CONNECTOR. PART OF TS-12/AP (UNIT 2). 3/14/44 CPK CPK:43-5386 MAY 44 | | |
| UG-68/U | GENERAL USE RE 49Z | | UG-73/U | RE 49F 228A | | UG-81/U | | |
| ELBOW: FOR USE WITH RADIO FREQUENCY LINE RG-48/U. ELBOW IS BENT ON THE SMALLER OF THE RECTANGULAR CROSS-SECTIONAL DIMENSIONS WITH A 6" BEND RADIUS. CONSISTS OF ELBOW, TWO LOW HUB CONTACT FLANGES & 10 EACH OF 12/23/43 CAFM:S-M-780 DEC. 43 | | | RADIO FREQUENCY PLUG: RADIO FREQUENCY CABLE CONNECTOR PLUG CONSISTS OF A PLUG OF THE "U.H.F." TYPE FOR USE WITH RADIO FREQUENCY PLUG RG-59/U CABLE & CONNECTS TO A NAVY TYPE 49194 RECEPTACLE OR SIGNAL CORPS SOCKET SO 239. SIMILAR TO NAVY TYPE 49195. 1/24/44 MAR. 45 | | | AND TS-13/AP. SIZE: MAX DIA. 1 5/4" X 2 31/64" LONG. WT. 7 OZ. | | |
| UG-68/U | | | UG-74/U | GENERAL USE | | UG-82/U | GEN USE | |
| BOLTS, NUTS AND LOCKWASHERS. ATTACHES TO BUT DOES NOT INCLUDE UG-66/U CONNECTOR AT EACH END. | | | CONNECTOR: CONNECTS RADIO FREQUENCY CABLE RG-17/U OR RG-18/U TO 1 5/8" DIA. RIGID TRANSMI- SSION LINE. PERMANENTLY MOLDED WITH POLYETHYLENE TO RADIO FREQUENCY CABLE RG-17/U OR RG-18/U. 4 13/16" LONG X 1 5/8" DIA. MATERIAL-BRASS. 2/28/44 CG:8d85 CG:K8396705 FEB. 44 | | | MALE COUPLING BRONZE COUPLING. STRAIGHT. MALE, FLANGED. HAS FOUR EQUALLY SPACED MOUNTING HOLES LYING ON A CIRCUMFERENCE OF 3 3/4" DI- AMETER. FLANGE DIAMETER, 4 1/2". COUP- LING IS USED FOR TERMINATION OF 1 5/8" RIGID CO-AXIAL LINE. CONSISTS OF A 3/13/44 CG:48223 CG: MAR. 44 K-8396753 PT. 1 | | |
| UG-69/U | GENERAL USE RE 49Z | | UG-75/U | GENERAL USE | | UG-82/U | | |
| ELBOW: FOR USE WITH RADIO FREQUENCY LINE RG-48/U. ELBOW IS BENT ON THE LARGER OF THE RECTANGULAR CROSS-SECTIONAL DIMEN- SIONS WITH A 2" BEND RADIUS. CONSISTS OF ELBOW, TWO LOW HUB CONTACT FLANGES & 10 EACH OF BOLTS, NUTS & LOCKWASHERS. 12/23 CAFM:2-M-781 DEC. 43 | | | ADAPTER: RIGHT ANGLE ADAPTER FOR USE WITH CON- NECTOR UG-74/U. MAKES RIGHT ANGLE CON- NECTION BETWEEN RADIO FREQUENCY CABLE RG-17/U OR RG-18/U USING CONNECTOR UG-74/U AND 1 5/8" DIA RIGID TRANSMISSIO: LINE. NO MOLDING REQUIRED. 2/28/44 CG: CG:K8396762 FEB. 44 | | | BRONZE FLANGE, NEOPRENE (HAWPRENE #27020) GASKET AND PHOSPHOR BRONZE INNER CONDUCTOR WITH BULLET TYPE CONTACT. METAL PARTS TO BE SILVER PLATED. OVERALL DIMENSIONS, 2 15/16" BY 4 1/2". | | |
| UG-69/U | | | UG-79/U | GENERAL USE | | UG-83/U | GENERAL USE RE49F250 | |
| ATTACHES TO BUT DOES NOT INCLUDE A UG-66/U CONNECTOR AT EACH END. | | | ADAPTER: A COAXIAL WAVEGUIDE ADAPTER USED TO ADAPT RADIO FREQUENCY PLUG UG-24/U TO RADIO FREQUENCY LINE RG-52/U. HAS FLANGE COUPLING ON ONE END AND RADIO FREQUENCY JACK UG-25/U ON THE OTHER. PART OF TS-12/AP (UNIT 2). SIZE: 1 3/4" X 3/15/44 CPK: CPK:45-5384 MAY 44 | | | 4/17/44 MAY 44 | | |

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|--|--------------------|-------------------------------------|--|--------------------|--------------------------------------|
| UG-85/U | GEN USE | RE 49F 243 | UG-92/U | GEN. USE | RE 49F 216 | UG-105/U | GEN USE | |
| RADIO FREQUENCY PLUG: COAXIAL, WEATHERPROOF PLUG TO BE USED WITH RADIO FREQUENCY CABLE RG-58/U, RG-59/U AND RG-62/U, ALL HAVING FROM .116" TO .146" DIAM. OVER DIELECTRIC, NON-CONSTANT IMPEDANCE TYPE. | | | RADIO FREQUENCY JACK: COAXIAL, 70 OHM CONSTANT IMPEDANCE, WEATHERPROOF JACK FOR USE WITH RADIO FREQUENCY CABLE RG-6/U, AND WITH RADIO FREQUENCY PLUG UG-91/U. | | | RADIO FREQUENCY PLUG: COAXIAL, WEATHERPROOF PLUG TO BE USED WITH RADIO FREQUENCY CABLE RG-58/U, RG-59/U AND RG-62/U, ALL HAVING FROM .116" TO .146" DIAM. OVER DIELECTRIC, NON-CONSTANT IMPEDANCE TYPE. | | |
| 4/20/44 | APR. 44 | | 4/22/44 | APR. 44 | | 5/1/44 | MAY 44 | |
| UG-86/U | GEN USE | RE 49F 245 | UG-93/U | GEN. USE | RE 49F 216 | UG-106/U | GENERAL USE | SC-B-5849 |
| RADIO FREQUENCY RECEPTACLE: COAXIAL CIRCULAR HOLE, PANEL MOUNTING FOR PRESSURIZED USE; USE WITH RADIO FREQ. CABLE RG-58/U, RG-59/U AND RG-62/U. | | | RADIO FREQUENCY JACK: COAXIAL, 70 OHM CONSTANT IMPEDANCE, WEATHERPROOF, WITH MOUNTING PLATE FOR USE WITH RADIO FREQUENCY CABLE RG-6/U AND RADIO FREQUENCY PLUG UG-91/U. | | | RADIO FREQUENCY HOOD: HOOD, ARMY TYPE M-360, FOR USE WITH UG-103/U. ALLOWS CONNECTION OF RG-22/U CABLE TO BE TERMINATED. | | |
| 4/20/44 | APR. 44 | | 4/22/44 | APR. 44 | | 5/1/44 | MAY 44 | |
| UG-87/U | GENERAL USE | RE 49F 244 | UG-94/U | GEN. USE | RE 49F 188 | UG-107/U | GENERAL USE | |
| RADIO FREQUENCY RECEPTACLE COAXIAL PANEL MOUNTING WITH 5/4" SQUARE FLANGE. USED WITH RADIO FREQUENCY CABLE RG-58/U, RG-59/U AND RG-62/U, NON-PRESSURIZED. | | | RADIO FREQUENCY PLUG: COAXIAL, 70 OHM CONSTANT IMPEDANCE, WEATHERPROOF PLUG FOUR USE WITH RADIO FREQUENCY CABLE RG-11/U. | | | RADIO FREQUENCY ADAPTER: TEE ADAPTER - FOR USE WITH TYPE N CONNECTOR, WEATHERPROOF, 50 OHMS IMPEDANCE, SIMILAR TO UG-28/U EXCEPT WITH MALE COUPLING IN CENTER. | | |
| 4/20/44 | APR. 44 | | 4/22/44 | APR. 44 | | 4/28/44 | MAY 44 | ASTATIC B-75608 CC:M-55J583 REV 0 |
| UG-88/U | GEN USE | RE 49F 246 | UG-95/U | GEN. USE | RE 49F 188 | UG-110/U | GEN. USE | |
| RADIO FREQUENCY PLUG: COAXIAL, 53 OHMS MATCHED IMPEDANCE, BAYONET LOCKING, WEATHERPROOF PLUG. MATES WITH UG-89/U JACK AND UG-90/U JACK. FOR USE WITH RADIO FREQUENCY CABLE RG-58/U CABLE. OVERALL DIMENSIONS, 15/16" X 9/16". | | | RADIO FREQUENCY JACK: COAXIAL JACK, R.F. TYPE, 70 OHM CONSTANT IMPEDANCE, WEATHERPROOF, FOR USE WITH RADIO FREQUENCY CABLE RG-11/U. | | | RADIO FREQUENCY ADAPTER: RADIO FREQUENCY COAXIAL ADAPTER USED TO ADAPT ANY NAVY TYPE "N" PLUG TO A SPERRY "KLYSTRON" TYPE FITTING (FEMALE TYPE), OR EQUAL. THIS CONNECTOR WILL BE USED PRINCIPALLY WITH TEST EQUIPMENT, MFG PER. SPERRY'S DWG R-5657559 OR BOONTON RADIO 5/16/44 CYK:02036 CS:R-5657559 | | |
| 4/22/44 | NOV. 44 | | 4/22/44 | APR. 44 | | 5/16/44 | MAY 44 | |
| UG-89/U | GENERAL USE | RE 49F 246 | UG-96/U | GEN. USE | RE 49F 188 | UG-110/U | | |
| RADIO FREQUENCY JACK: COAXIAL, 53 OHMS MATCHED IMPEDANCE, BAYONET LOCKING, WEATHERPROOF JACK. MATES WITH UG-88/U JACK AND UG-90/U JACK. FOR USE WITH RADIO FREQUENCY CABLE RG-58/U. OVERALL DIMENSIONS 1" X 3/4". | | | RADIO FREQUENCY JACK: COAXIAL JACK, R.F. TYPE, 70 OHM CONSTANT IMPEDANCE, WEATHERPROOF, WITH MOUNTING PLATE FOR USE WITH RADIO FREQUENCY CABLE RG-11/U. | | | CORP: DWG 02036: | | |
| 4/22/44 | NOV. 44 | | 4/22/44 | APR. 44 | | | | |
| UG-90/U | GENERAL USE | RE 49F 246 | UG-102/U | GEN USE | SC-D-5940 SC-C-5918 | UG-111/U | GEN. USE | |
| RADIO FREQUENCY JACK: COAXIAL, 53 OHM MATCHED IMPEDANCE, BAYONET LOCKING, WEATHERPROOF, WITH MOUNTING PLATE. FOR USE WITH RADIO FREQUENCY CABLE RG-58/U. OVERALL DIMENSIONS 1" X 3/4". SIMILAR TO JACK UG-89/U EXCEPT WITH ADDITION OF SQUARE FLANGE | | | RADIO FREQUENCY PLUG: PLUG, ARMY TYPE PL-284, TWIN CONTACT, SIMILAR TO ARMY TYPE PL-259, NAVY TYPE 49190, EXCEPT FOR SMALLER R.F. CABLE (RG-22/U) USED WITH UG-103/U. | | | RADIO FREQUENCY PLUG: PLUG, U.H.F., NON-WEATHERPROOF, SAME AS ARMY TYPE PL-259 AND NAVY TYPE 49190 EXCEPT PLUG ADAPTER ON REAR END OF PLUG TO FIT A-N TYPE RG-59/U RADIO FREQUENCY CABLE. CONSISTS OF CPH:83-158 ADAPTER, 5/15/44 CPH:83-167 CPH | | |
| 4/22/44 | NOV. 44 | | 5/1/44 | MAY 44 | CPH: | 5/1/44 | MAY 44 | |
| UG-90/U | | | UG-103/U | GEN USE | SC-D-5941 SC-C-5918 | UG-114/U | GEN. USE | RE 49F 256 |
| MOUNTING PLATE. MATES WITH UG-88/U PLUG. | | | RADIO FREQUENCY RECEPTACLE: RECEPTACLE, TWIN CONTACT, ARMY TYPE SO-264 FOR USE WITH UG-102/U AND UG-104/U. | | | RADIO FREQUENCY JACK: COAXIAL, NON CONSTANT IMPEDANCE, PANEL MOUNTING, WEATHERPROOF JACK FOR USE WITH RADIO FREQUENCY CABLE RG-58/U, RG-59/U AND RG-62/U. USED WITH RADIO FREQUENCY PLUG UG-85/U. THIS JACK IS SIMILAR TO RADIO FREQUENCY JACK UG-115/U WITH THE | | |
| | | | 5/1/44 | MAY 44 | CPH: | 5/20/44 | MAY 44 | |
| UG-91/U | GEN USE | RE 49F 216 | UG-104/U | GEN USE | SC-B-5942 SC-D-5943 SC-C-5918 | UG-114/U | | |
| RADIO FREQUENCY PLUG: COAXIAL 70 OHM CONSTANT IMPEDANCE, WEATHERPROOF PLUG FOR USE WITH RADIO FREQUENCY CABLE RG-6/U. | | | RADIO FREQUENCY ADAPTER: RIGHT ANGLE, ARMY TYPE PL-293, FOR USE WITH UG-102/U AND UG-103/U RECEPTACLE. | | | ADDITION OF A SQUARE FLANGE PANEL MOUNTING PLATE. | | |
| 4/22/44 | APR. 44 | | 5/1/44 | MAY 44 | CPH: | | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|---|--------------------|-------------------------------|
| UG-115/U | GEN. USE | RE 49F 256 | UG-124/U | GENERAL USE | | UG-130/U | AN/APM-3A | |
| <p>RADIO FREQUENCY JACK: COAXIAL, NON CONSTANT IMPEDANCE WEATHER-PROOF JACK FOR USE WITH RADIO FREQUENCY CABLE RG-58/U, RG-59/U AND RG-62/U. USED WITH RADIO FREQUENCY PLUG UG-85/U.</p> | | | <p>RADIO FREQUENCY ADAPTER: THIS ADAPTER WILL COUPLE AN AN-3100-14S-4P RECEPTACLE TO A NAVY TYPE 49195 PLUG. THIS ADAPTER WILL HAVE AN ELECTRICAL IMPEDANCE OF APPROX. 50 OHMS AND WILL PASS R.F. CURRENTS OF FREQUENCIES UP TO 500 MC WITH MINIMUM LOSSES.</p> | | | <p>ADAPTER: "U.H.F." TYPE TO SPECIAL CRYSTAL PLUG. FOR USE WITH NAVY TYPE 49194 ARMY TYPE SO-239 OR EQUIVALENT ON ONE END & SPECIAL NON-STANDARD PLUG (OUTLINE ON BTL 80-12996-6 DWG) ON OTHER END.</p> | | |
| 6/20/44 | | | 6/12/44 | | | 7/1/44 | CW: D169010 | CW: ESL-667161 |
| MAY 44 | | | JULY 44 | NAVAER: | | JULY 44 | | |
| UG-116/U | GEN. USE | CONFIDENTIAL | UG-125/U | GENERAL USE | | UG-133/U | GEN USE | |
| <p>RADIO FREQUENCY COUPLING: WAVE GUIDE COUPLING. PLAIN FLANGE END FOR K BAND, CONSISTING OF PLAIN FLANGE, KNURLED COUPLING NUT AND LOCK WASHER. OVERALL DIMENSIONS 1 3/32" X 2 1/32". FOR USE WITH RG-53/U GUIDE.</p> | | | <p>RADIO FREQUENCY ADAPTER: THIS ADAPTER WILL COUPLE AN AN-3100-14S-4PT RECEPTACLE TO A BRITISH TYPE IOH-701 PLUG. THIS ADAPTER WILL HAVE AN ELECTRICAL IMPEDANCE OF APPROX. 50 OHMS AND WILL PASS R.F. CURRENTS OF FREQUENCIES UP TO 500 MC WITH LOW LOSSES.</p> | | | <p>ELBOW: CONFIDENTIAL CAST BRASS 90° WAVE GUIDE (H-PLANE BEND) 2 1/16" R TO CENTER LINE, FOR A 1 1/4" X 5/8", RG-51/U WAVE GUIDE. WALLS OF WAVE GUIDE ELBOW ARE 3/32" THICK TO PROVIDE STRENGTH. INSIDE DIMENSIONS OF WAVE GUIDE ELBOW ARE 1 1/8" X 1/2" TO CORRECT.</p> | | |
| 6/31/44 | | N.I.T. | 6/12/44 | | | 7/11/44 | | CW: 80-18252 |
| SEPT. 44 | | B-6837-A | JULY 44 | NAVAER: | | JULY 44 | | ISSUE 3 |
| UG-117/U | GEN. USE | CONFIDENTIAL | UG-126/U | GENERAL USE | | UG-134/U | GEN USE | |
| <p>RADIO FREQUENCY COUPLING: WAVE GUIDE COUPLING. CHOKE FLANGE END FOR K BAND CONSISTING OF CHOKE FLANGE AND GASKET. OVERALL DIMENSIONS 1" X 1 9/20". FOR USE WITH RG-53/U GUIDE.</p> | | | <p>RADIO FREQUENCY ADAPTER: THIS ADAPTER WILL COUPLE A G.E. TYPE K-27J764 RECEPTACLE TO AN AN-3108-22-14S PLUG. THE ELECTRICAL CONNECTIONS WILL BE SUCH THAT PINS A AND F OF THE G.E. RECEPTACLE SHALL CONNECT TOGETHER AND ALSO PINS C AND G. THE PIN B OF G.E. CONNECT-</p> | | | <p>SPOND WITH THE INSIDE DIMENSIONS OF THE RG-51/U WAVE GUIDE.</p> | | |
| 6/31/44 | | N.I.T. | 6/12/44 | | | 7/11/44 | | |
| SEPT. 44 | | B-6837-A | JULY 44 | NAVAER: | | JULY 44 | | |
| UG-120/U | GEN. USE | RESTRICTED | UG-126/U | GENERAL USE | | UG-134/U | GEN USE | |
| <p>RADIO FREQUENCY COUPLING: BROADSIDE L BEND RADIO FREQUENCY WAVE-GUIDE, 1/2" X 1", WITH SPECIAL PLATE FLANGES WITH 4 HOLE MOUNTING AND 2 POSITIONING PINS, 90° BEND. SMOOTH ELBOW ON 3" BEND RADIUS. FOR USE WITH "X" BAND EQUIPMENT. MADE OF BRASS WITH DULL NICKEL</p> | | | <p>OR SHALL CONNECT TO PINS G AND H OF AN PLUG AND PIN E OF G.E. RECEPTACLE SHALL CONNECT TO PINS E AND F OF AN-3108-22-14S PLUG.</p> | | | <p>ELBOW: CONFIDENTIAL CAST BRASS 90° WAVE GUIDE ELBOW (E-PLANE BEND) 2 1/16" R TO CENTER LINE FOR 1 1/4" X 5/8", RG-51/U WAVE GUIDE. THE WALL THICKNESS IS 3/32", A FIN 1/8" THICK HAS BEEN ADDED TO THE CASTING TO PROVIDE ADDITIONAL STRENGTH. INSIDE</p> | | |
| 6/23/44 | | | 6/12/44 | | | 7/11/44 | | CW: 80-18253 |
| JUN. 44 | | | JULY 44 | NAVAER: | | JULY 44 | | ISSUE 3 |
| UG-120/U | FINISH. | | UG-127/U | GENERAL USE | | UG-134/U | GEN USE | |
| <p>UG-120/U</p> | | | <p>RADIO FREQUENCY ADAPTER: THIS ADAPTER WILL COUPLE A G.E. TYPE K-27J764 RECEPTACLE TO A NAF 68925-1 PLUG. THE ELECTRICAL CONNECTIONS WILL BE SUCH THAT PINS A & F OF THE G.E. RECEPTACLE WILL CONNECT 6 AND 7 OF NAF PLUG, AND PIN E OF G.E. RECEPTACLE WILL CON-</p> | | | <p>DIMENSIONS OF WAVEGUIDE ELBOW ARE 1 1/8" X 1/2" TO CORRESPOND WITH INSIDE DIMENSIONS OF THE RG-51/U WAVE GUIDE.</p> | | |
| 6/23/44 | | | 6/12/44 | | | 7/11/44 | | |
| JUN. 44 | | | JULY 44 | NAVAER: | | JULY 44 | | |
| UG-121/U | GEN. USE | RESTRICTED | UG-127/U | GENERAL USE | | UG-135/U | GEN. USE | RE 49F 197 |
| <p>RADIO FREQUENCY COUPLING: NARROW SIDE L BEND RADIO FREQUENCY WAVE-GUIDE 1/2" X 1" EQUIPPED WITH SPECIAL PLATE FLANGES WITH 4 HOLE MOUNTING AND 2 POSITIONING PINS, 90° BEND. SMOOTH ELBOW, 3" BEND RADIUS. FOR USE WITH "X" BAND EQUIPMENT. MADE OF BRASS WITH DULL NICKEL FINISH.</p> | | | <p>CONNECT TO PINS 1 & 2 OF NAF PLUG.</p> | | | <p>COVER PLATE: WAVE GUIDE COUPLING FOR ALUMINUM GUIDE. FOR USE WITH RG-67/U GUIDE. PLAIN FLANGE TYPE. MATES WITH UG-136/U CHOKE SIMILAR TO UG-39/U EXCEPT MADE OF ALUMINUM.</p> | | |
| 6/23/44 | | | 6/12/44 | | | 7/24/44 | | |
| JUN. 44 | | | JULY 44 | NAVAER: | | JULY 44 | | |
| UG-121/U | GEN. USE | RESTRICTED | UG-128/U | AN/APM-3A | | UG-136/U | GEN. USE | RE 49F 197 |
| <p>RADIO FREQUENCY COUPLING: WAVE-GUIDE 1/2" X 1" EQUIPPED WITH SPECIAL PLATE FLANGES WITH 4 HOLE MOUNTING AND 2 POSITIONING PINS, 90° BEND. SMOOTH ELBOW, 3" BEND RADIUS. FOR USE WITH "X" BAND EQUIPMENT. MADE OF BRASS WITH DULL NICKEL FINISH.</p> | | | <p>ADAPTER: ADAPTER, ARMY-NAVY "AERONAUTICAL" TYPE TO SPECIAL CRYSTAL PLUG. FOR USE WITH AN-3100-14S-1P OR EQUIVALENT ON ONE END AND SPECIAL NON-STANDARD PLUG (OUTLINE ON BTL 80-12996-6 DWG) ON OTHER END.</p> | | | <p>CHOKE: WAVE GUIDE COUPLING FOR ALUMINUM GUIDE. FOR USE WITH RG-67/U GUIDE. CONSISTS OF CHOKE FLANGE, GASKET, 4 CAP SCREWS AND LOCKWASHERS. MATES WITH UG-135/U COVER PLATE. SIMILAR TO UG-40/U EXCEPT MADE OF ALUMINUM.</p> | | |
| 6/23/44 | | | 7/1/44 | | | 7/24/44 | | |
| JUN. 44 | | | JULY 44 | | | AUG. 44 | | |
| UG-122/U | GEN. USE | RESTRICTED | UG-129/U | AN/APM-3A | | UG-137/U | GEN. USE | RE 49F 203 |
| <p>RADIO FREQUENCY COUPLING: CONSISTS OF TWO FLANGES, WITH FOUR HOLE MOUNTING AND TWO POSITIONING PINS. SILVER SOLDERED TO A SHORT LENGTH OF RG-52/U INTO ONE END OF WHICH A POLYSTYRENE PLUG MAY BE FORCE FITTED. MAY BE USED WITH UG-120/U OR UG-121/U.</p> | | | <p>ADAPTER: ADAPTER, TYPE "N" TO SPECIAL CRYSTAL PLUG. FOR USE WITH UG-22/U (NAVY TYPE 49269) OR EQUIVALENT PLUG ON ONE END. SPECIAL NON-STANDARD PLUG (OUTLINE ON BTL 80-12996-6 DWG) ON OTHER END.</p> | | | <p>CHOKE: WAVE GUIDE COUPLING FOR ALUMINUM GUIDE. FOR USE WITH RG-68/U GUIDE. CONSISTS OF CHOKE FLANGE, GASKET, 4 CAP SCREWS AND LOCKWASHERS. MATES WITH UG-138/U COVER PLATE. SIMILAR TO UG-52/U EXCEPT MADE OF ALUMINUM.</p> | | |
| 6/23/44 | | | 7/1/44 | | | 7/24/44 | | |
| JUN. 44 | | | JULY 44 | | | AUG. 44 | | |

Army-Navy Designations

4-167

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | |
|--|--------------------|-------------------------------|---|--------------------|-------------------------------|---|--------------------|-------------------------------|--|
| UG-138/U | GEN. USE | RE 49F 203 | UG-144/AP | GEN. USE | | UG-152/U | GEN. USE | | |
| COVER PLATE: WAVE GUIDE COUPLING FOR ALUMINUM GUIDE. FOR USE WITH RG-68/U GUIDE. PLAIN FLANGE TYPE. MATES WITH UG-137/U CHOKE SIZE: 1 7/8" X 1 7/8" X 7/16". SIMILAR TO UG-51/U AND NAVY TYPE 49474 EXCEPT MADE OF ALUMINUM. 7/24/44 SEPT. 44 | | | COUPLING ADAPTER: RESTRICTED BRASS WAVE GUIDE COUPLING ADAPTER PLATE. SIMILAR IN APPEARANCE TO COVER PLATE UG-39/U EXCEPT 1/32" THICK. INSIDE GUIDE DIMENSIONS SAME AS FOR RG-52/U. USED BETWEEN TWO UG-40/U CHOKES. PART OF R.F. TEST LOAD TS-108/AP. 8/25/44 CA0Q: RAD. LAB. SEPT. 44 C-4256F | | | ADAPTER: WAVE GUIDE ADAPTER. COUPLES A CHOKE UG-40/U TO A COVER UG-51/U. CONSISTS OF A 3" SECTION OF RF LINE RG-49/U WITH A COVER PLATE UG-39/U AT ONE END AND A SPECIAL CHOKE AT OTHER END. THIS SPECIAL CHOKE INCORPORATES A 1/4 WAVE SELECTOR 9/16/44 SEPT. 44 A-40249 | | | |
| UG-140/U | GEN. USE | RE 49F 271 | UG-144/AP | | CONTRACT NO. N0a8-3670: | UG-152/U | | SECTION OF TRANSMISSION LINE. | |
| MALE COUPLING: COUPLING. MALE. FOR 5/8" STUB TRANSMIS- SION LINE. CONSISTS OF 1 MALE BRASS FLANGE, BRASS RECEPTACLE, NEOPRENE GAS- KET, 4 BRASS SCREWS, AND 4 LOCK WASHERS AND 1 PHOSPHOR-BRONZE, BULLET-TYPE, CENTER-CONDUCTOR CONTACT. USED WITH 7/13/44 JULY 44 | | | | | | | | | |
| | | | UG-145/AP | GEN. USE | | UG-153/U | GEN. USE | | |
| | | | COUPLING ADAPTER: RESTRICTED BRASS WAVE GUIDE COUPLING ADAPTER PLATE. SIMILAR IN APPEARANCE TO FEMALE COUPLING UG-50/U EXCEPT 1/32" THICK. INSIDE GUIDE DIMENSIONS SAME AS FOR THE RG-51/U. USED BETWEEN TWO UG-42/U CHOKES. PART OF RADIO FREQUENCY TEST LOAD 8/25/44 CA0Q: SEPT. 44B | | | ADAPTER: WAVE GUIDE ADAPTER. COUPLES A COVER PLATE UG-39/U TO A CHOKE COVER UG-52/U. CONSISTS OF A 3" SECTION OF RF LINE RG-49/U WITH A CHOKE UG-40/U AT ONE END AND A SPECIAL COVER AT OTHER END. THIS SPECIAL COVER INCORPORATED A 1/4 SELECTOR 9/16/44 SEPT. 44 S-40248 | | | |
| | | | UG-141/U | GEN. USE | RE 49F 271 | UG-145/AP | | UG-153/U | |
| FEMALE COUPLING UG-141/U. | | | TS-108/AP. CONTRACT NO. N0a8-3670. | | | WAVE SECTION OF TRANSMISSION LINE. | | | |
| | | | | | | | | | |
| | | | UG-142/U | GEN. USE | RE 49F 278 | UG-154/U | GEN. USE | RE 49F 284 | |
| | | | ADAPTER: CONNECTS TO TYPE N CON- NECTOR: COUPLES JACK UG-22/U OR EQUIV- ALENT TO ARMY TYPE PLUG PL-259-A OR NAVY TYPE PLUG -49195 OR EQUIVALENT. 9/1/44 CQA: CQA: SEPT. 44 | | | CONNECTOR PLUG. WEATHER PROOF. 52 OHM IMPEDANCE. FOR RG-17/U OR RG-18/U R.F. CABLE. HIGH VOLTAGE TYPE. 9/23/44 FEB. 45 | | | |
| | | | UG-142/U | GEN. USE | RE 49F 279 | UG-155/U | GEN. USE | RE 49F 285 | |
| | | | CHOKE: WAVE GUIDE COUPLING CHOKE FLANGE. FOR USE WITH RG-49/U GUIDE. MATERIAL, BRASS. OVERALL DIMENSIONS 3 5/8" DIA. BY 1" THICK. COUPLES TO PLAIN FLANGE BY EIGHT CAP SCREWS. 9/9/44 SEPT. 44 | | | ADAPTER. WEATHER PROOF. 52 OHM IMPEDANCE. HIGH VOLTAGE TYPE. FOR USE WITH TWO UG-154/U PLUGS TO COUPLE WITH TWO LENGTHS OF RG-17/U OR RG-18/U R.F. CABLE. 9/23/44 FEB. 45 | | | |
| | | | UG-143/U | GEN. USE | RE 49F 279 | UG-156/U | GEN. USE | RE 49F 329 | |
| | | | COVER PLATE: WAVE GUIDE COUPLING PLAIN FLANGE. FOR USE WITH RG-49/U GUIDE. MATERIAL, BRASS. OVERALL DIMENSIONS 3 5/8" DIA. BY 9/16" THICK. COUPLES TO CHOKE FLANGE BY EIGHT CAP SCREWS. 9/9/44 SEPT. 44 | | | CONNECTOR. PLUG. WEATHER PROOF. 52 OHM IMPEDANCE. FOR RG-19/U OR RG-20/U R.F. CABLE. HIGH VOLTAGE TYPE. 9/23/44 FEB. 45 | | | |
| | | | UG-143/U | GEN. USE | RE 49F 280 | UG-157/U | GEN. USE | RE 49F 328 | |
| | | | FLANGE: WAVE GUIDE COUPLING CONTACT TYPE FLANGE. FOR USE WITH RG-50/U GUIDE. MATERIAL, CAST BRONZE. OVERALL DIMENSIONS, 2 7/8" X 2 1/2" X 1". INCLUDES CORPRENE GASKET. FLANGES COUPLE BY USE OF TEN NUTS AND BOLTS. 9/9/44 SEPT. 44 | | | ADAPTER: ADAPTER. WEATHER PROOF. 52 OHM IMPEDANCE. HIGH VOLTAGE TYPE. FOR USE WITH TWO UG-156/U PLUGS TO COUPLE TWO LENGTHS OF RG-19/U OR RG-20/U R.F. CABLE. 9/23/44 FEB. 45 | | | |
| | | | UG-143/U | GEN. USE | RE 49F 280 | | | | |
| | | | .685" EXTENSION ON BOTH ENDS TO MAKE TOTAL LENGTH 2.750" ± .005. ENDS BRAZED TO TUBE. | | | | | | |

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|----------------------------|-------------------------------|--|----------------------------|-------------------------------|--|----------------------------|-------------------------------|
| UG-158/U | GEN. USE | | UG-165/U | GEN USE | CONFIDENTIAL | UG-173/U | GEN. USE | |
| JACK: A RADIO FREQUENCY, HIGH VOLTAGE PULSE, PANEL MOUNTING JACK. FOR USE WITH RG-27/U CABLE. MATES WITH UG-36/U PLUG. RATED AT 13 KV. | | | CHOKER FLANGE: CHOKER FLANGE FOR WAVE GUIDE CHOKER COUPLING. FOR USE WITH RG-48/U GUIDE WHEN USED IN S SUB W BAND. MATERIAL: CAST BRASS. DIAMETER 5 1/4". MATES WITH FLANGE UG-164/U AND IS COUPLED WITH 6 NUTS AND BOLTS. | | | ADAPTER THREADED, TUBULAR ADAPTER. SCREWS INTO THE CABLE END OF PLUGS. NAVY TYPE 49190 AND 49195 OR SIGNAL CORPS TYPES PL-259 AND PL-259A. REDUCES THE CABLE END DIAMETER OF THE PLUGS TO PROVIDE CONNECTION WITH RG-39/U CABLE. OVERALL LENGTH 10/23/44 CW:D-163664 B.T.L. | | |
| 10/2/44 GE 8898 | | GE M-8374816P1 | 10/9/44 | | B.T.L. | 10/23/44 | | B.T.L. |
| OCT. 44 | | | OCT. 44 | | BO-21485 | OCT. 44 | | ESA-641956 |
| UG-159/U | GEN. USE | | UG-166/U | GEN USE | | UG-173/U | | |
| JACK: COAXIAL TYPE "N" RADIO FREQUENCY JACK FOR PANEL MOUNTING. MOUNTS IN SINGLE HOLE WITH HEX NUT AND GASKET. WEATHER-PROOF. 50 OHMS IMPEDANCE. FOR USE WITH RG-5/U CABLE. MATES WITH TYPE "N" PLUGS AND ADAPTERS. | | | JACK: JACK, RADIO FREQUENCY, HIGH VOLTAGE. FOR USE WITH RG-28/U CABLE. HAS PROVISION FOR PANEL MOUNTING. MATES WITH UG-36/U PLUG. | | | 13/16" HOLE DIA. .282" | | |
| 10/5/44 CSX: | | | 10/9/44 CG:8896 | | CG:M-8374816P2 | | | |
| OCT. 44A JNPTS-1DZ | | | OCT. 44 | | | | | |
| UG-160/U | GEN. USE | | UG-167/U | GEN. USE | RE 49F 215 | UG-174/U | GEN. USE | M.I.T. DWG. |
| JACK: COAXIAL TYPE "N" RADIO FREQUENCY JACK FOR PANEL MOUNTING. MOUNTS IN SINGLE HOLE WITH HEX NUT AND GASKET. WEATHER-PROOF. 50 OHMS IMPEDANCE. FOR USE WITH CABLES RG-8/U, RG-9/U AND RG-10/U. MATES WITH TYPE "N" PLUGS AND ADAPTERS. | | | PLUG PLUG - TYPE "N" WEATHERPROOF, LOW VOLTAGE FOR RG-17/U OR RG-18/U R.F. CABLE. MATES WITH UG-22/U JACK OR EQUIVALENT. EQUIVALENT TO NAVY TYPE 49483A. | | | 4643 PLUG. HIGH VOLTAGE PULSE. FOR USE WITH RG-28/U CABLE. WATERPROOF RATED AT 13 KV. DIMENSIONS APPROX 4 1/2" LENGTH BY 2" DIA. SIMILAR TO UG-36/U EXCEPT CABLE BUSHING HAS LARGER HOLE DIAMETER. MATES WITH UG-37/U, UG-38/U AND UG-166/U. | | |
| 10/5/44 CSX: | | | 9/30/44 CALL: | | | 10/25/44 CG:8897 | | |
| OCT. 44A JNRH-15-1 | | | OCT. 44 | | | OCT. 44 | | |
| UG-161/U | GEN USE | RE 49F 293 | UG-168/U | GEN. USE | RE 49F 236 | UG-175/U | GEN. USE | |
| CONNECTOR: CONNECTS, RG-19/U OR RG-20/U TO 3 1/8 INCH AIR LINE. HIGH POWER, CAPABLE OF BEING ASSEMBLED IN FIELD. PRESSURIZED. TOTAL LENGTH 7 1/4" APPROX., DIAM. MAX. 3 1/8". MADE OF BRASS. | | | CONNECTOR CONNECTOR, RG-17/U OR RG-18/U TO 1 5/8" RIGID AIR LINE. HIGH POWER, 50 OHMS IMPEDANCE, WEATHER PROOF. CAN BE ASSEMBLED IN THE FIELD. MADE OF BRASS, SILVER PLATED WITH INSULATION OF POLYETHYLENE. SAME AS NAVY TYPE -49529 EXCEPT IMPROVED | | | ADAPTER THREADED, TUBULAR ADAPTER. SCREWS INTO THE CABLE END OF PLUGS. NAVY TYPE 49190 AND 49195 OR SIGNAL CORPS TYPES PL-259 AND PL-259A. REDUCES THE CABLE END DIAMETER OF THE PLUGS TO PROVIDE CONNECTION WITH RG-58/U CABLE. OVERALL 10/28/44 CPH:83-185 | | |
| 10/3/44 CAY: | | CAY:T-7513892 | 10/9/44 CALL: | | | NOV. 44 | | |
| FEB. 45 CATR: | | | OCT. 44 | | | | | |
| UG-162/U | GEN. USE | | UG-168/U | | | UG-175/U | | |
| ROTARY COUPLING: ROTARY JOINT - FILLED WITH POLY F-1114 - MAX. DIAM. 4" AND LENGTH, 8 3/64" MAX. USES ONE UG-154/U PLUG ON EACH END TO COUPLED RG-18/U CABLE TO JOINT. | | | ELECTRICALLY FOR HIGHER FREQUENCY. | | | LENGTH 1 1/16" HOLE DIA. APPROX. .207". | | |
| 9/29/44 CAQV: | | R99D1C | | | | | | |
| OCT. 44 | | | | | | | | |
| UG-163/U | | SPEC: | UG-169/U | GEN. USE | | UG-176/U | GEN. USE | |
| ADAPTER PLATE: ADAPTER PLATE CONSISTING OF A PLAIN FLANGE SIMILAR TO PRESTO ROUND TYPE FLANGE AND BTL SPECIAL FLANGE BRAZED TOGETHER. USED FOR CONNECTING AN ADAPTER UG-81/U TO COAXIAL LINE ADAPTER ATTACHED TO THE TRANSMISSION LINE OF RADAR TEST | | 43-5473A | PLUG CONNECTOR PLUG, WEATHERPROOF, 52 OHM IMPEDANCE. FOR RG-19/U OR RG-20/U R.F. CABLE. HIGH VOLTAGE TYPE. | | | ADAPTER THREADED, TUBULAR ADAPTER. SCREWS INTO THE CABLE END OF PLUGS NAVY TYPE 49190 OR 49195 OR SIGNAL CORPS TYPE PL-259 AND PL-259A. REDUCES THE CABLE END DIAMETER OF THE PLUGS TO PROVIDE A CONNECTION WITH RG-59/U CABLE. OVERALL LENGTH 10/28/44 CPH:83-168 | | |
| 8/15/44 | | | 10/11/44 | | | 10/28/44 | | |
| FEB. 45 | | | OCT. 44 | | | OCT. 44 | | |
| UG-163/U | | | UG-170/U | GEN. USE | | UG-176/U | | |
| SET AN/APH-3 AND AN/APH-3A. NO88 4047 FROM PRESTO RECORDING CORP. | | | ADAPTER ADAPTER, WEATHERPROOF, 52 OHM IMPEDANCE. HIGH VOLTAGE TYPE. FOR USE WITH TWO UG-169/U PLUGS TO COUPLE TWO LENGTHS OF RG-19/U OR RG-20/U R.F. CABLE. | | | 1 1/16" HOLE DIA. APPROX. .260". | | |
| | | | 10/11/44 | | | | | |
| | | | OCT. 44 | | | | | |
| UG-164/U | GEN USE | | UG-171/U | GEN. USE | RE 49F251 | UG-177/U | GEN. USE | |
| FLANGE: PLAIN FLANGE FOR WAVE GUIDE CHOKER COUPLING. FOR USE WITH RG-48/U GUIDE WHEN USED IN THE S SUB W BAND. MATERIAL: CAST BRASS. DIAMETER 5 1/4". MATES WITH UG-165/U CHOKER FLANGE AND IS COUPLED WITH SIX 3/8" NUTS AND BOLTS. | | CONFIDENTIAL | ADAPTOR: STRAIGHT ADAPTOR USED TO CONNECT UHF RECEPTACLE (NAVY TYPE 49194) (ARMY TYPE 50-239) TO BRITISH "PYE" TYPE 10H-529 CONNECTORS. SIMILAR TO AND WILL SUPERSEDE UG-99/TPN-2. | | | HOOD R.F. HOOD. FOR USE IN CONNECTING RG-58/U CABLE TO RECEPTACLES NAVY TYPE 49194, SIGNAL CORPS TYPE SO-239 AND AN TYPE UG-58/U. SIMILAR TO RADIO FREQUENCY HOOD UG-106/U EXCEPT HAS A SMALLER HOLE IN CABLE END. | | |
| 10/9/44 | | | 10/14/44 CQA: | | | 10/28/44 CPH:83-776 | | |
| OCT. 44 | | | OCT. 44 | | | NOV. 44 | | |
| | | ASSIGNED ISSUED | | | ASSIGNED ISSUED | | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

Army-Navy Designations

4-169

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|--|----------------------------|-------------------------------|--|----------------------------|-------------------------------|--|----------------------------|-------------------------------|
| UG-180/U | GENERAL USE | RE 49F 330 | UG-185/U | GEN. USE | RE 49F 331 | UG-198/U | | |
| PLUG: HIGH VOLTAGE PULSE CONNECTOR PLUG. MOLDED RUBBER INSERT TYPE FOR FIELD ASSEMBLY. HAS MALE CONTACT AND SPRING LOADED COUPLING RING. | | | RECEPTACLE: COAXIAL. BAYONET LOCKING. HAS SQUARE FLANGE FOR PANEL MOUNTING. MATES WITH UG-88/U PLUG. OVERALL DIM. 3/4" X 3/4". | | | ROUND IN PANELS UP TO 5/16" THICKNESS. | | |
| MATES WITH RECEPTACLE UG-181/U ON ONE SIDE 11/3/44 NOV. 44A | | | 11/10/44 NOV. 44 | | | | | |
| AND WESTERN ELECTRIC MOLDED RUBBER PULSE CABLE AND CONNECTOR ASSEMBLIES ON THE OTHER. | UG-180/U | | UG-188/U | GEN. USE | | UG-206/U | GEN. USE | |
| | | | PLUG: R.F. COAXIAL PLUG TYPE N. SIMILAR TO UG-12/U EXCEPT DIAMETERS AT CABLE END REDUCED TO FIT .116" D.O.D. CABLES SUCH AS RG-58/U, RG-55/U AND RG-29/U. MATERIAL. SILVER PLATED BRASS. DIMENSIONS APPROX. 1 21/32" LONG X 11/16" DIA. 11/22/44 CW:D-168504 CW:8A-103274 NOV. 44 | | | CHOKO FLANGE: PRESSURIZED WAVE GUIDE COUPLING CHOKO FLANGE. FOR USE WITH RG-43/U WAVE GUIDE. CONSISTS OF A CAST BRONZE FLANGE 5 1/8" DIA. X 1" DEPTH. 8 CAP SCREWS AND A VEL-LUTEX GASKET. MATES WITH UG-53/U PLAIN FLANGE AND COUPLES TO IT WITH THE 8 CAP M. I. T. B-4944-A | | |
| UG-181/U | GEN. USE | RE 49F 330 | UG-189/U | GEN. USE | | UG-200/U | | |
| RECEPTACLE: HIGH VOLTAGE PULSE CONNECTOR RECEPTACLE. MOLDED RUBBER INSERT TYPE FOR FIELD ASSEMBLY. HAS FEMALE CONTACT AND THREADED SHELL. FOR USE WITH CABLES RG-77/U AND RG-78/U. MATES WITH PLUG UG-180/U WHICH IN TURN CONNECTS WITH ONE OF A 11/3/44 NOV. 44A | | | RECEPTACLE: HIGH VOLTAGE COAXIAL RECEPTACLE. ALUMINUM SHELL. THREADED EXTERNALLY 1-20 NEF 2. WITH HARD RUBBER INSERT AND FEMALE CONTACT AND SQUARE FLANGE MTG PLATE. MATES WITH UG-180/U AND SIMILAR PULSE CABLE PLUGS. DIM. APPROX. 1 15/32" X 1 7/8". 11/22/44 CW:D-163538 CW:8A-103689 NOV. 44 | | | SCREWS. | | |
| NUMBER OF WESTERN ELECTRIC MOLDED RUBBER PULSE CABLE CONNECTOR ASSEMBLIES. | UG-181/U | | UG-190/U | GEN. USE | | UG-201/U | GEN. USE | RE-49F-335 |
| | | | ADAPTER: R.F. COAXIAL ADAPTER. BRASS SILVER PLATED ASSEMBLY HAVING A TYPE N JACK, SIMILAR TO UG-23/U, ON ONE END AND A THREADED BUSHING WITH A PANEL MOUNTING NUT ON OTHER END AND TERMINATING IN A SHORT SECTION OF 50 OHM COAXIAL AIR LINE WITH A .120" 11/23/44 CW:D-166787 80-103905 NOV. 44 | | | ADAPTER COAXIAL. CONSTANT IMPEDANCE ADAPTER FROM TYPE N CONNECTOR TO BNC CONNECTOR. HAS JACK ON ONE END, WHICH MATES WITH UG-88/U. AND PLUG ON OTHER END WHICH MATES WITH UG-22/U. OVERALL DIM. 3/4" MAX DIA X 1 5/16" LENGTH. 12/4/44 FEB. 45 | | RCA M-433855 |
| UG-182/U | GEN. USE | RE 49F 330 | UG-190/U | | | UG-202/U | GEN. USE | |
| RECEPTACLE: HIGH VOLTAGE PULSE CONNECTOR RECEPTACLE WITH COUPLING RING. MOLDED RUBBER INSERT TYPE FOR FIELD ASSEMBLY. HAS FEMALE CONTACT AND SPRING LOADED COUPLING RING. USED TO TERMINATE CABLES RG-77/U AND RG-78/U. MATES WITH WESTERN ELECTRIC 11/3/44 NOV. 44 | | | INNER CONDUCTOR AND A .276 1 3/4" X 5/8". | | | ADAPTER COAXIAL. CONSTANT IMPEDANCE. RIGHT ANGLE. PANEL MOUNTING TYPE N ADAPTER. EACH END HAS A JACK TERMINATION WHICH MATES WITH UG-21/U. OVERALL DIM. ARE 1 13/16" ON PANEL MOUNTING PORTION AND 1 9/32" ON OTHER PORTION. MAX. DIA 13/16". 12/4/44 DEC. 44 | | RCA K-887333 |
| PULSE CABLE PLUGS: | UG-182/U | | UG-192/U | GEN. USE | RE 49F236 | UG-203/U | GEN USE | |
| | | | CONNECTOR: USED TO CONNECT AN RG-18/U TO A COUPLING OF A 1 5/8" AIR LINE. HIGH VOLTAGE TYPE. PRESSURIZED. CAN BE ASSEMBLED IN THE FIELD. MADE OF BRASS METAL PARTS. NEOPRENE GASKETS. AND POLYETHYLENE INSULATION. 11/25/44 CALI: NOV. 44 | | | PLUG: COAXIAL R.F. CABLE PLUG. U.H.F. TYPE. SIMILAR TO NAVY TYPE 49195 EXCEPT THREADED CABLE END IS REDUCED IN SIZE TO FIT SMALL CABLES SUCH AS RG-4/U AND RG-58/U. OVERALL DIM. APPROX 3 1/16" LENGTH AND 11/16" DIA. SAME AS 12/7/44 CQA: DEC. 44 CPH: | | |
| UG-183/U | GENERAL USE | | UG-197/U | | RE 49F 242 | UG-203/U | | |
| ADAPTOR A COAXIAL WAVE GUIDE ADAPTER USED TO ADAPT RADIO FREQUENCY PLUG UG-21/U OR SIMILAR TO A UG-40/U CHOKO FLANGE. HAS UG-39/U OR EQUIVALENT PLAIN FLANGE ON ONE END AND A RADIO FREQUENCY JACK SIMILAR TO UG-22/U ON THE OTHER END. PART 11/6/44 NOV. 44 | | | ADAPTER: ADAPTER RT. ANGLE TYPE CONNECTS NAVY TYPE 49195 OR ARMY TYPE PL 259 OR EQUIVALENT TO BRITISH TYPE "PYE" RECEPTACLE 10H/528 OR EQUIVALENT. SAME AS NAVY TYPE 49544. 11/29/44 NOV. 44 | | | NAVY TYPE 49482. | | UG-203/U |
| OF TS-148/UP. SIZE 1 3/4" X 1 15/32" X 2 1/2". WT. 4 OZ. | UG-183/U | | UG-198/U | GEN. USE | | UG-204/U | GEN. USE | |
| | | | RECEPTACLE: R. F. RECEPTACLE, COAXIAL CIRCULAR HOLE. PANEL MOUNTING FOR PRESSURIZED USE. USED WITH RADIO FREQUENCY CABLES RG-58/U, RG-59/U, RG-62/U AND RG-71/U WHEN USED WITH A HOOD. SIMILAR TO UG-86/U EXCEPT FOR LONGER PANEL MOUNTING BUSHING. WILL 11/30/44 NOV. 44 | | | | | C-6554A |
| | | | PHILCO 756-2021 | | | | | |
| | | | | | | | | |
| ASSIGNED | | | ASSIGNED | | | | | |
| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|---------------------|-------------------------------|--|--------------------|--------------------------------|--|--------------------|--|
| UG-206/U JACK 50 OHM IMPEDANCE COAXIAL JACK, APPROX. 3 1/32" LONG. HAS AN EXTERNAL 5/16-32 THREADED SLEEVE AND ONE NUT FOR PANEL MOUNTING AND 3/8-32 THREADED SLEEVE FOR CONNECTING TO A UG-85/U PLUG. | 12/27/44 DEC. 44 | CW:BL-101618 ISSUE 4 | UG-214/U FLANGE PLAIN FLANGE WAVE GUIDE COUPLING. FOR USE WITH RG-48/U GUIDE. MATES WITH CHOKE FLANGE UG-200/U. MATERIAL BRONZE. OVER-ALL DIMENSIONS 5 1/8" DIA. X 3/4" DEPTH. | 1/13/45 JAN. 45 | RE 49F 334 | UG-221/U ADAPTER: PLUSE CONNECTOR STRAIGHT ADAPTER. FEMALE CONNECTIONS BOTH ENDS. COUPLES TWO UG-34/U PLUGS. WEATHERPROOF. DIMENSIONS APPROX 2 3/4" LONG X 2 1/2" DIA. HAS CIRCULAR FLANGE WITH FOUR HOLES FOR PANEL MOUNTING. | 1/24/45 JAN. 45 | GEN. USE RE 49F 356 ISSUE 4 RADIATION LAB B-6731-A |
| UG-207/U ADAPTER HIGH VOLTAGE, PRESSURE - TIGHT MICRO-WAVE CONNECTOR CAPABLE OF FIELD ASSEMBLY WEATHERPROOFED. 52 OHMS IMPEDANCE. ADAPTS RG-14/U TO 7/8" AIR LINE. | 12/27/44 FEB. 45 | | UG-215/U ADAPTER: ADAPTER, WEATHER PROOF. 52 OHM IMPEDANCE. LOW VOLTAGE TYPE, FOR USE WITH 2 UG-154/U PLUGS TO COUPLE TWO LENGTHS OF RG-17/U OR RG-18/U CABLE. | 1/17/45 JAN. 45 | GEN. USE RE49F344 | UG-222/U ADAPTER: PULSE CONNECTOR STRAIGHT ADAPTER. FEMALE CONNECTIONS BOTH ENDS. COUPLES TO TWO UG-36/U OR UG-174/U PLUGS. WEATHERPROOF. DIMENSIONS APPROX. 5 1/2" LONG X 3" DIA. | 1/24/45 JAN. 45 | GEN. USE |
| UG-208/U ADAPTER HIGH VOLTAGE, WATERPROOF 52 OHM RIGHT ANGLE ADAPTER. FOR USE WITH PLUG UG-154/U OR ADAPTER UG-155/U OR EQUIVALENT. | 12/27/44 FEB. 45 | | UG-216/U ADAPTER: ADAPTER RT. ANGLE, WEATHER PROOF. 52 OHM IMPEDANCE. LOW VOLTAGE TYPE, FOR USE WITH ONE UG-154/U PLUG AND ONE UG-215/U, OR EQUIV. ADAPTER AND PANEL FITTING. | 1/17/45 JAN. 45 | GEN. USE RE49F345 | UG-223/U RECEPTACLE: V.H.F. TYPE RECEPTACLE. MATES WITH -49190 OR 49195 PLUG AT ONE END AND TERMINATES IN A SINGLE CONTACT AT OTHER END. MOUNTS IN 3/8" DIA. HOLE AND CLAMPS WITH ONE NUT. DESIGNED TO REPLACE BRITISH CONNECTOR 10H-528 AND MOUNT IN SAME HOLE. | 1/26/45 JAN. 45 | GEN. USE |
| UG-210/U CHOKE FLANGE: WAVE GUIDE COUPLING CHOKE FLANGE. 1" SQUARE FLANGE WITH FOUR TAPPED HOLES. FOR USE WITH RG-53/U AND RG-66/U WAVE GUIDE. | 1/2/45 FEB. 45 | PHMLCO 566-1558 | UG-217/U ADAPTER: ADAPTER WEATHER PROOF, 52 OHM IMPEDANCE. LOW VOLTAGE TYPE FOR USE WITH ONE UG-154/U PLUG AND ONE UG-59/U HN PLUG TO COUPLE RG-18/U TO RG-10/U OR EQUIV. | 1/17/45 JAN. 45 | GEN. USE RE49F346 | UG-223/U DIM. APPROX. 1 3/4" LENGTH X 5/8" DIA. | | CONFIDENTIAL |
| UG-211/U PLANGE: WAVE GUIDE COUPLING PLAIN FLANGE. 1" SQUARE FLANGE WITH FOUR MOUNTING HOLES. FOR USE WITH RG-53/U AND RG-66/U WAVE GUIDE. | 1/2/45 FEB. 45 | PHMLCO 566-1557 | UG-218/U ADAPTER: ADAPTER, WEATHER PROOF. 52 OHM IMPEDANCE. LOW VOLTAGE TYPE. FOR USE WITH ONE UG-215/U OR EQUIV. ADAPTER OR PANEL FITTING AND ONE UG-58/U "HN" PLUG. USED TO COUPLE RG-10/U TO RG-18/U OR EQUIV. SIMILAR TO ADAPTER UG-217/U EXCEPT LARGE | 1/18/45 JAN. 45 | GEN. USE RC49F347 | | | CONFIDENTIAL |
| UG-212/U ADAPTER: ADAPTER, RIGHT ANGLE TYPE HN. MALE ONE END. FEMALE OTHER END. FOR USE WITH UG-59/U, UG-60/U, AND UG-61/U CONNECTORS. HIGH VOLTAGE CONNECTOR. 52 OHMS IMPEDANCE. WEATHER PROOF. | 1/8/45 FEB. 45 | | UG-219/U END OF ADAPTER IS MALE. | | GEN. USE RE 49F 349 | UG-224/U ADAPTER: UHF STRAIGHT ADAPTER. 2 FEMALE ENDS. 1 3/8" LONG THREADED FULL LENGTH WITH 5/8" THREAD. HAS TWO HEX NUTS. MATES AT EACH END WITH -49195 PLUG. SIMILAR TO PL274 EXCEPT IS SHORTER. | 1/26/45 JAN. 45 | CONFIDENTIAL |
| UG-212A/U ADAPTER: ADAPTER, RIGHT ANGLE TYPE HN. MALE ONE END. FEMALE OTHER END. FOR USE WITH UG-59/U, UG-60/U, AND UG-61/U CONNECTORS. HIGH VOLTAGE CONNECTOR. 52 OHMS IMPEDANCE. WEATHER PROOF. SAME AS UG-212/U EXCEPT IMPROVED FOR HIGHER VOLTAGE AND | 1/8/45 FEB. 45 | | | | GEN. USE RE 49F 349 | UG-226/U ROTARY COUPLING: SINGLE COAXIAL, SOLID DIELECTRIC FOR USE WITH RG-18/U. USES TWO UG-154/U PLUGS TO CONNECT TO RG-18/U. SIMILAR TO UG-162/U EXCEPT USES PINTYPE BEARINGS. INSTEAD OF BALL BEARINGS, SPECIAL SEALS ETC. IT IS MECHANICALLY AND ELECTRICALLY | 2/24/45 MAR. 45 | CONFIDENTIAL |
| UG-212A/U HAS BETTER ELECTRICAL CHARACTERISTICS. | | | | | GEN. USE RE 49F 349B | UG-226/U INTERCHANGEABLE WITH UG-162/U. IN MOST APPLICATIONS. | | CONFIDENTIAL |
| | | | UG-220/U ADAPTER: STRAIGHT HIGH VOLTAGE WEATHER PROOF .52 OHM IMPEDANCE. CONNECTS ONE UG-154/U PLUG AND ONE UG-157/U ADAPTER OR EQUIV. TO CONNECT RG-18/U CABLE TO EQUIPMENT DIELECTRIC OF PLUG 154/U IS UNDERCUT WITH SPECIAL TOOL. | 1/18/45 JAN. 45 | GEN. USE RE 49F 348 930G | UG-227/U ROTARY JOINT: DUPLEX. IE. DUAL. COAXIAL. ROTARY JOINT FOR TRANSMISSION OF RADAR SEARCH & IFF PULSE SIGNALS SIMULTANEOUSLY. BUILT TO FIT SR PEDESTALS. INTERIOR PARTS OF JOINTS ARE FILLED WITH 90W-CORNING SILICONE FLUID. IMPEDANCE OF JOINT 52 OHMS. | 2/8/45 FEB. 45A | CONFIDENTIAL |
| | | | | | GEN. USE RE 49F 348 | | | CONFIDENTIAL |

Army-Navy Designations

4-171

| Navy Type Designation | First Assigned For | Navy Drawing or Specification | Navy Type Designation | First Assigned For | Navy Drawing or Specification | Navy Type Designation | First Assigned For | Navy Drawing or Specification |
|-----------------------|--------------------|--|-----------------------|--------------------|---|-----------------------|--------------------|--|
| UG-227/U | | WEATHER PROOF, CONNECTS TO RG-20/U & RG-10/U BY MEANS OF UG-156/U AND UG-59/U RESPECTIVELY. | UG-233/U | GEN USE | RE49F ADAPTER: ADAPTS RG-18/U TO 7/8", 70 OHM BEAD LINE. IT MAY BE COUPLED TO LINE BY MEANS OF A UG-45/U OR A UG-46/U COUPLING. THE RG-18/U IS CONNECTED TO THIS ADAPTER THROUGH A UG-154/U PLUG WHICH MATES WITH THIS ADAPTER. A HALF-WAVE TRANSFORMER 2/10/45 FEB. 45 | UG-238/U | NAVY MODEL SC | CONFIDENTIAL ROTARY JOINT: DUPLEX, IE. DUAL, COAXIAL, ROTARY JOINT FOR TRANSMISSION OF RADAR SEARCH & IFF PLUS SIGNALS SIMULTANEOUSLY. BUILT TO FIT SC PEDESTALS. INTERIOR PARTS OF JOINTS ARE FILLED WITH DOW-CORNING SILICONE FLUID. IMPEDANCE OF JOINT 62 OHMS. 2/17/45 FEB. 45 |
| UG-228/U | GEN USE | RECEPTACLE: HIGH VOLTAGE PULSE CONNECTOR RECEPTACLE WITH COUPLING RING. MOLDED RUBBER INSERT TYPE FOR FIELD ASSEMBLY. HAS FEMALE CONTACT AND SPRING LOADED COUPLING RING. SIMILAR TO UG-182/U EXCEPT CABLE CLAMPING END IS LARGER FOR PURPOSE OF CLAMPING 2/10/45 FEB. 45 | UG-233/U | | IS BUILT INTO THE ADAPTER FOR L BAND TO MATCH 50 TO 70 OHMS. UNIT IS PRESSURE TIGHT, WEATHERPROOF, CAPABLE OF FIELD ASSEMBLY. | UG-238/U | | WEATHER PROOF, CONNECTS TO RG-20/U & RG-10/U BY MEANS OF UG-156/U AND UG-59/U RESPECTIVELY. SAME AS ROTARY JOINT UG-227/U EXCEPT FITS SC INSTEAD OF SR PEDESTAL. |
| UG-228/U | | ING CABLES RG-25A/U AND RG-26A/U. | UG-234/U | GEN USE | RE49F ADAPTER: ADAPTS RG-18/U TO 7/8", 50 OHM BEAD LINE. MAY BE COUPLED TO LINES BY MEANS OF UG-45/U OR UG-46/U COUPLING. RG-18/U IS CONNECTED TO ADAPTER THROUGH A UG-154/U PLUG WHICH MATES WITH THIS ADAPTER. UNIT IS PRESSURE TIGHT AND 2/10/45 FEB. 45 | UG-239/U | GEN. USE | RECEPTACLE HOOD: RECEPTACLE HOOD FOR USE WITH COAXIAL CABLE CONNECTOR; BRASS, SILVER PLATED. SIMILAR TO NAVY TYPE -49193 HOOD EXCEPT USED FOR DOUBLE BRAIDED CABLE AND HAS TWO .250" DIA. HOLES 180° APART IN THE SHANK. 2/19/45 CSX:2-SJPT-5 CW:BA-10087 FEB. 45 ISSUE 2 |
| UG-229/U | GEN USE | PLUG: HIGH VOLTAGE PULSE CONNECTOR PLUG. MOLDED RUBBER INSERT TYPE FOR FIELD ASSEMBLY. HAS MALE CONTACT AND SPRING LOADED COUPLING RING. SIMILAR TO UG-180/U EXCEPT CABLE CLAMPING PORTION IS LARGER FOR PURPOSE OF CLAMPING CABLES RG-25A/U 2/10/45 FEB. 45 | UG-234/U | | WEATHER PROOF, CAPABLE OF FIELD ASSEMBLY. | UG-240/U | GEN. USE | RE 49F ADAPTER: ADAPTER, FEMALE - BOTH ENDS, HIGH VOLTAGE TYPE, 52 OHMS IMPEDANCE. MATES WITH UG-154/U PLUG AT ONE END AND UG-156/U PLUG ON OTHER END. CONNECTS RG-18/U AND RG-20/U OR EQUIV. REQUIRES UG-154/U AND UG-156/U PLUGS TO HAVE POLYETHYLENE 2/19/45 FEB. 45 |
| UG-229/U | | AND RG-26A/U. | UG-235/U | GEN USE | ADAPTER: CONSISTS OF A 49194 RECEPTACLE PERMANENTLY CONNECTED TO A 49163 (JONES TYPE) PLUG. USED TO CONNECT BETWEEN 49195 (PL-259) UHF PLUG AND 49164 (JONES TYPE) JACK FOR CONNECTING TS-102/AP WITH RANGE UNIT FOR CALIBRATION PURPOSES. 2/12/45 FEB. 45 | UG-240/U | | COUNTERBORED - PER DRAWING RE-49F339. |
| UG-230/U | GEN USE | RECEPTACLE: HIGH VOLTAGE PULSE CONNECTOR RECEPTACLE. MOLDED RUBBER INSERT TYPE FOR FIELD ASSEMBLY. HAS FEMALE CONTACT AND THREADED SHELL. SIMILAR TO UG-181/U EXCEPT CABLE CLAMPING END IS LARGER FOR PURPOSE OF CLAMPING CABLES RG-25A/U AND RG-26A/U. 2/10/45 FEB. 45 | UG-235/U | | DIMENSIONS: 1" X 2 1/2". | UG-241/U | GEN. USE | ADAPTER: UHF COAXIAL ADAPTER. CONSISTS OF AN ASSEMBLY 1 7/16" X 5/8" WHICH AT ONE END IS SIMILAR TO UG-85/U AND OTHER END IS SIMILAR TO 49194. COUPLES A 49195 PLUG TO A UG-86/U OR SIMILAR RECEPTACLE. 2/24/45 FEB. 45 |
| UG-231/U | GEN USE | RECEPTACLE: TYPE N PANEL MOUNTING RECEPTACLE. SIMILAR TO UG-58/U EXCEPT ONE END HAS HOOD AND CLAMPING NUT TO COUPLE RG-58/U CABLE. 2/10/45 FEB. 45A | UG-235/U | | | UG-242/U | GEN. USE | ADAPTER: COAXIAL TEE ADAPTER. ONE MALE END, TWO FEMALE ENDS. MATES WITH UG-85/U PLUG, AND UG-86/U RECEPTACLE CONNECTORS. DIM. APPROX. 1 11/16 X 1 1/8. 2/24/45 FEB. 45 |
| UG-231/U | | A-40258 | UG-236/U | GEN USE | PLUG: BRITISH PTE TYPE RIGHT ANGLE PLUG. BRITISH TYPE 10H 70I CONSISTS OF A RIGHT ANGLE CASTING WHICH MAY BE FASTENED AT ONE END TO CABLE RG-8/U OR EQUAL AND THE OTHER END MAY BE COUPLED TO PANEL SOCKET BRITISH TYPE. 2/12/45 FEB. 45 | UG-243/U | GEN. USE | ADAPTER: COAXIAL RIGHT ANGLE ADAPTER. ONE MALE END, ONE FEMALE END, MATES WITH UG-85/U PLUG AND UG-86/U RECEPTACLE. DIMENSIONS APPROX. 1" EACH LEG AND 15/32" DIA. 2/24/45 CSX: FEB. 45 |
| UG-232/U | GEN. USE | PLUG: CONCENTRIC LINE PLUG 1 3/8" LONG, MOUNTS IN A .775" DIA. HOLE. HAS A 3/4" 20 THREAD BUSHING 1/2" LONG. COUPLES TO STANDARD BANANA PLUG. 2/12/45 NATIONAL ELEC. FEB. 45A WACH, SHOP #9032 | UG-237/U | GEN. USE | RE 49F ADAPTER: ADAPTER TO COUPLE RG-18/U TO 7/8", 46 OHM STUB LINE. FOR S BAND USE. CABLE IS ATTACHED TO ADAPTER BY MEANS OF UG-154/U PLUG. USES UG-45/U AND UG-46/U COUPLING TO ATTACH TO 7/8" LINE. 2/17/45 FEB. 45 | UG-243/U | | |

CONFIDENTIAL

NAVSHIPS 900,109

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|--|--|--------------------|--|---|--------------------|---|
| UG-244/U | GEN. USE | N.T.T. C-12855 ADAPTER: STRAIGHT PRESSURIZED ADAPTER. TWO FEMALE ENDS. HAS GASKETED FLANGE WITH SINGLE MOUNTING NUT. MATES WITH UG-85/U PLUG AT EACH END. OVERALL DIM. APPROX. 1 1/2 X 1 1/16. | UG-252/U | GEN. USE | ADAPTER: ADAPTER. WEATHERPROOF 52 OHM. LOW VOLTAGE TYPE; ONE END FEMALE, ONE END MALE. CONNECTS UG-59/U AND UG-215/U OR EQUIVALENT. | UG-260/U | GEN. USE | PLUG: COAXIAL, WEATHERPROOF BNC PLUG FOR USE WITH RG-59/U, RG-62/U AND RG-71/U CABLES. HAS BAYONET COUPLING. SIMILAR TO UG-88/U EXCEPT CABLE CLAMPING PORTIONS ARE LARGER TO HANDLE THE LARGER CABLES. |
| 2/24/45 | | | 2/12/45 | | | 3/16/45 | | 930G |
| FEB. 45 | | | MAR. 45 | | | MAR. 45 | | |
| UG-245/U | GEN. USE | | UG-253/U | GEN. USE | 930G | UG-261/U | GEN. USE | |
| PLUG: R.F. COAXIAL PLUG FOR USE WITH RG-58/U, NON-WEATHERPROOF TYPE. BRAID SOLDERED TO SHELL. MATES WITH UG-86/U. SAME AS NAVY TYPE 49599. | | | JACK: R.F. COAXIAL PRESSURIZED BNC JACK FOR PANEL MOUNTING. FOR USE WITH RG-58/U CABLE. MATES WITH UG-88/U PLUG. OVERALL DIM. APPROX 1 1/2" X 13/16". MOUNTS IN A SINGLE 1/2" HOLE AND IS FULLY GASKETED TO RETAIN PRESSURE. | | | JACK: COAXIAL WEATHERPROOF BNC JACK FOR USE WITH RG-59/U, RG-62/U AND RG-71/U CABLES. HAS BAYONET COUPLING. SIMILAR TO UG-89/U EXCEPT CABLE CLAMPING PORTIONS ARE LARGER TO HANDLE THE LARGER CABLES. | | |
| 2/24/45 | | | 3/15/45 | | | 3/16/45 | | 930G |
| FEB. 45 | | | MAR. 45 | | | MAR. 45 | | |
| UG-246/U | GEN. USE | | UG-254/U | GEN. USE | 930G | UG-262/U | GEN. USE | |
| JACK: R.F. COAXIAL PANEL JACK FOR RG-58/U CABLE. NON WEATHERPROOF TYPE. BRAIDS SOLDERED TO SHELL. HAS ELLIPTICAL PANEL FLANGE AND MOUNTS WITH ONE SCREW. MATES WITH UG-85/U CONNECTORS. SAME AS NAVY TYPE 49601. | | | JACK: R.F. COAXIAL PRESSURIZED BNC JACK FOR PANEL MOUNTING. FOR USE WITH RG-62/U OR RG-71/U CABLE. MATES WITH UG-88/U PLUG. OVERALL DIM. APPROX 1 1/2" X 13/16". MOUNTS IN A SINGLE 1/2" HOLE AND IS FULLY GASKETED TO RETAIN PRESSURE. | | | JACK: COAXIAL, WEATHER PROOF BNC PANEL JACK WITH MOUNTING PLATE FOR RG-59/U, RG-62/U AND RG-71/U CABLES. HAS BAYONET COUPLING. SIMILAR TO UG-90/U EXCEPT CABLE CLAMPING PORTIONS ARE LARGER TO HANDLE THE LARGER CABLES. | | |
| 2/24/45 | | | 3/15/45 | | | 3/19/45 | | 930G |
| FEB. 45 | | | MAR. 45 | | | MAR. 45 | | |
| UG-247/U | GEN. USE | RA TOA 794 | UG-255/U | GEN. USE | | UG-263/U | GEN. USE | |
| FLANGE: PLAIN FLANGE FOR RG-50/U GUIDE. 2 5/8" DIA. X 1/4" THICK. COUPLES TO MATING CHOKE FLANGE WITH FOUR #10-32 SCREWS. MATERIAL BRASS. | | | ADAPTER: R.F. COAXIAL ADAPTER ASSEMBLY. AT ONE END IT HAS A RECEPTACLE SIMILAR TO NT 49194 AND THE OTHER END IS SIMILAR TO UG-88/U. USED TO COUPLE A N.T. 49190 OR 49195 PLUG TO A UG-89/U, UG-90/U OR UG-185/U CONNECTOR. | | | JACK: COAXIAL, CONSTANT IMPEDANCE, PRESSURIZED, PANEL MOUNTING TYPE N JACK. MATES WITH UG-21/U OR UG-21A/U PLUGS. CABLE CONNECTS DIRECTLY TO BACK END OF JACK. MOUNTS IN A SINGLE 5/8" PANEL HOLE. | | |
| 2/24/45 | | | 3/15/45 | | | 3/19/45 | | 930G |
| FEB. 45 | | | MAR. 45 | | | MAR. 45 | | |
| UG-248/U | GEN. USE | RA 10A 794 | UG-257/U | GEN. USE | RE 49F 356 | UG-264/U | GEN. USE | |
| CHOKER: CHOKER FLANGE FOR USE WITH RG-50/U GUIDE 2 5/8" DIA X 5/8" THICK. COUPLES TO MATING FLANGE WITH FOUR 10-32 SCREWS. MATL., BRASS. | | | ADAPTER: COUPLES RG-14/U CABLE TO 7/8", 50 OHM BEAD LINE. HIGH VOLTAGE, 52 OHMS. WEATHER PROOF. PRESSURE TIGHT. CAN BE ASSEMBLED IN FIELD. SIMILAR TO UG-207/U EXCEPT BULLET TO CONNECT INNER CONDUCTOR TO BEAD LINE IS DIFFERENT. | | | RECEPTACLE: COAXIAL, PANEL MOUNTING PULSE CONNECTOR RECEPTACLE. MATES WITH UG-180/U AND UG-229/U PLUGS. HAS SQUARE MOUNTING FLANGE. BACK END HAS A CERAMIC INSULATOR AND TERMINATES IN A SINGLE CONTACT. FOR AIR TO AIR OPERATION. | | |
| 2/24/45 | | | 3/14/45 | | | 3/16/45 | | 930G |
| FEB. 45 | | | MAR. 45 | | | MAR. 45 | | |
| UG-249/U | GEN. USE | RE 49F | UG-258/U | GEN. USE | RE 49F 379 | UG-266/U | GEN. USE. | |
| ADAPTER: ADAPTER, FITS RG-44/U LINE AND USES UG-45/U AND UG-46/U COUPLINGS AND CONNECTS TO RG-8/U VIA UG-59/U PLUG. HIGH VOLTAGE, PRESSURIZED, WATERPROOF. | | | ADAPTER: CONNECTS RG-18/U OR EQUIV. TO 3 1/8" AIR LINE. HIGH POWER AND HIGH VOLTAGE. CAPABLE OF BEING ASSEMBLED IN FIELD. PRESSURIZED. TOTAL LENGTH 8" APPROX. . MAXIMUM DIAMETER 3 1/8". MADE OF BRASS AND POLYETHYLENE INSERT. | | | RECEPTACLE: COAXIAL, PRESSURIZED, U.H.F. TYPE RECEPTACLE. MOUNTS IN SINGLE 5/8" DIA. PANEL HOLE. MATES WITH NAVY TYPE 49190 OR 49195 PLUGS. DIM. APPROX. 7/8" X 1 7/8" LENGTH. | | |
| 2/24/45 | | | 3/15/45 | | | 3/19/45 | | 930G |
| FEB. 45 | | | MAR. 45 | | | MAR. 45 | | |
| UG-250/U | GEN. USE | RE 49F | UG-259/U | GEN. USE | RE 49F 346 | UG-267/U | GEN. USE | |
| ADAPTER: ADAPTER, FITS 7/8", 50 OHM BEAD LINE AND USES UG-45/U AND UG-46/U TYPE COUPLINGS. CONNECTS TO RG-8/U VIA UG-59/U PLUG. HIGH VOLTAGE PRESSURIZED, WEATHERPROOF. | | | ADAPTER: ADAPTER WEATHER PROOF, 52 OHM IMPEDANCE. LOW VOLTAGE TYPE FOR USE WITH ONE UG-154/U PLUG AND ONE UG-59/U HM PLUG TO COUPLE RG-18/U TO RG-10/U OR EQUIV. SAME AS ADAPTER UG-217/U EXCEPT INCORPORATES SQUARE MOUNTING FLANGE, WITH 4 HOLES. | | | MALE COUPLING: BRASS MALE COUPLING FOR USE WITH 0.9375" O.D. LINE. I.D. IS 0.875". INNER CONDUCTOR IS 0.375". IMPEDANCE IS 51 OHMS. CONSISTS OF MALE RECEPTACLE, COUPLING FLANGE (CLEARANCE HOLES), GASKET AND PHOSPHOR BRONZE BULLET. USED WITH | | |
| 2/24/45 | | | 3/16/45 | | | 3/20/45 | | RAYTHEON |
| FEB. 45 | | | MAR. 45 | | | MAR. 45C | | 930G U12-5173 |
| UG-251/U | GEN. USE | RE 49F | UG-259/U | GEN. USE | RE 49F 346 | UG-267/U | GEN. USE | |
| ADAPTER: ADAPTER, FITS 7/8" 70 OHM BEAD LINE AND USES UG-45/U AND UG-46/U TYPE COUPLINGS. CONNECTS TO RG-8/U VIA UG-59/U PLUG. HIGH VOLTAGE, PRESSURIZED, WATERPROOF. ADAPTER HAS BUILT IN TRANSFORMER TO ADAPT 50 AND 70 OHM LINES. | | | FOR PANEL OR CHASSIS MOUNTING PURPOSES. | | | FEMALE COUPLING UG-268/U. SIMILAR TO UG-45/U. | | |
| 2/24/45 | | | | | | | | |
| FEB. 45 | | | | | | | | |

Army-Navy Designations

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|---|--------------------|-------------------------------|---|--------------------|-------------------------------|---|-------------------------|-------------------------------|
| Y-7/MPN-1A | AN/MPN-1A | RESTRICTED | Y-14/TPS-1B | | | YS-5/U | | |
| <p>TRAILER: CONSISTS OF A CHASSIS OF SUITABLE STEEL CONSTRUCTION WITH FOUR DUAL WHEELS, 9 TON CAPACITY, WEIGHTING APPROX. 3000 LBS. SUPPORTS THE BODY WHICH HOUSES THE ENTIRE EQUIPMENT. BODY IS OF STEEL FRAME CONSTRUCTION, HAS INSULATED WALLS TO ASSIST</p> <p>4/20/44 CRR: OCT. 44</p> | | | <p>TYPE MODEL.</p> | | | <p>CORNERS AND WITH FOUR GRIP FASTENERS ON EACH OF THE TWO LONGER SIDES OF THE PANEL. COLOR OF PANEL, "SUNRISE ORANGE".</p> | | |
| | | | Y-16/GPX | | | YS-6/U | GEN. USE | |
| | | | <p>TRAILER: TRANSPORTATION MEDIUM FOR IFF COMPONENTS FOR INTERCONNECTION WITH VARIOUS RADAR SETS, INCORPORATED IN THE TRAILER, OR SUPPLIED WITH IT, WILL BE THE FOLLOWING COMPONENTS. RADAR SET AN/CPX-4. ANTENNA ASSEMBLY AS-294/UP. COORDINATOR</p> <p>5/18/45 MAY 45</p> | | | <p>CONFIDENTIAL</p> <p>PANEL: A SIGNAL PANEL, MADE OF CELLULOSE ACETATE MATERIAL WITH A BROADCLOTH HEAVE, USED FOR RECOGNITION OF GROUND UNITS BY FRIENDLY AIRCRAFT. CONSISTS OF A CLOTH APPROXIMATELY 26" X 18" WITH EACH SIDE BOUND WITH 3/4" WHITE TAPE LOOPED</p> <p>12/21/44 JAN. 45</p> | | |
| | | | | 918 | | | | |
| | | | Y-10/MPN-1A | AN/MPN-1A | | YS-6/U | | |
| <p>TRUCK FOUR TON 6 X 6 DIAMOND T MODEL WHICH SERVES AS A PRIME MOVER FOR Y-4/MPN-1A (WHEN MOUNTED ON GFE CHASSIS) OR Y-7/MPN-1A. INCLUDES TWO PE-127-A PLUS SPARE ONE BATTERY CHARGER, ONE CM-12/MPN-1A AND ONE CRADLE FOR</p> <p>10/17/44 CRR: OCT. 44</p> | | | <p>UNIT-HOMELITE ZXB ENGINE & 60 CYCLE GENERATOR; A TRAIN CONTROL UNIT; CHALLENGE CONTROL BOX C-249/UPX; CONTROL BOX C-247/UPX; RADAR TEST SET AN/UPY-6; CABLE, ACCESSORIES, ETC.; SPARE PARTS. WT. 2000 LBS. SIZE: 11' 1 1/2" X 6'8" X 4'1". USED WITH BUT NOT PART OF SO-7 M/N, SO-12 M/N, SK-1MB, RADAR SET AN/TPS-1B & OTHER GROUND BASED RADARS.</p> | | | <p>AT THE CORNERS AND WITH FOUR GRIP FASTENERS ON EACH OF THE TWO LONGER SIDES. COLOR OF PANEL, "STAR YELLOW".</p> | | |
| | | | | | | | | |
| | | | | | | YS-11/CRT | AN/CRT-1 SERIES | |
| | | | <p>VISUAL SIGNALLING EQUIPMENT "VS"</p> <p>FLAG SETS, SERIAL PANELS, SIGNAL LAMP EQUIPMENT</p> | | | <p>LIGHT UNIT: LIGHT UNIT - A METAL ENCASED, SEALED, WATER ACTIVATED LIGHT UNIT. SEAL IS SO ARRANGED AS TO BE AUTOMATICALLY RIPPED LOOSE IN OPERATION BY EITHER A STATIC LINE OPERATED BY A PARACHUTE SHROUD LINE, OR THE EQUIPMENT LOAD LINE. ACTI-</p> <p>2/8/45 FEB. 45</p> | | |
| | | | | | | | | |
| | | | Y-11/MPN-1A | AN/MPN-1A | | | | |
| <p>TRUCK FOUR TON 6 X 6 DIAMOND T MODEL WHICH SERVES AS A PRIME MOVER FOR Y-4/MPN-1A (WHEN MOUNTED ON GFE CHASSIS) OR Y-7/MPN-1A. INCLUDES TWO DIESEL ENGINE GENERATOR UNITS PU-66 /U ONE BATTERY CHARGER, ONE CM-12/MPN-1A, ONE CRADLE</p> <p>10/17/44 CRR: OCT. 44</p> | | | <p>FLAG SET: SIGNAL FLAG SET WIG-WAG; CONSISTS OF 2 FLAGS, HALF BLACK AND HALF WHITE, DIVIDED DIAGONALLY; ONE THREE-SECTION FLAGSTAFF; OVERALL LENGTH ASSEMBLED, 11.5 FT.; ONE CANVAS CARRYING CASE W/STRAP; NO MORE TO BE PROCURED.</p> <p>9/23/44 SEPT. 44</p> | | | <p>VATION TAKES PLACE AUTO- MATICALLY WHEN SEAL IS RIPPED OFF AND UNIT ENTERS WATER. FASTENS TO BUOY BY MEANS OF FOUR METAL TABS BENT OVER TOP DECK AND TACKED TO THE BUOY. BATTERY OPERATED: 1 BURGESS TYPE 4CC200, 6 V., 4 CELLS. SIZE: 4 1/2" (HEIGHT), X 6" DIA. WEIGHT: DRY 1 LB 9 OZ. USED WITH AN/CRT-1, -1A, -1B SONO-BUOY.</p> | | |
| | | | | | | | | |
| | | | Y-11/MPN-1A | | | | | |
| <p>FOR AT-46/MPN-1A AND A FUEL TANK FOR THE DIESEL ENGINES. SIMILAR TO Y-10 /MPN-1A EXCEPT INCLUDES POWER UNIT</p> <p>PU-66 /U INSTEAD OF PE-127-A.</p> | | | <p>COMPONENT INDICATORS "WD" WIRE, CABLE OR CORDAGE</p> <p>DOUBLE CONDUCTOR BULK WITHOUT TERMINALS.</p> | | | | | |
| | | | | | | | | |
| | | | Y-12/MPN-1A | AN/MPN-1A | | WD-2/U | AIRCRAFT USE RE 15A 737 | |
| <p>TRUCK MODIFIED K-30 TRUCK, 5-6 TON, 4 X 4 VAN TYPE BODY WHICH IS MODIFIED TO PROVIDE FOR STORAGE OF OPERATING SPARE PARTS OF AN/MPN-1A IN DRAWERS AND CABINETS. ALSO INCLUDES WORKBENCH, GASOLINE HEATER, AND VISE.</p> <p>10/17/44 OCT. 44</p> | | | <p>AT THE CORNERS AND WITH FOUR GRIP FASTENERS ON EACH OF THE TWO LONGER SIDES OF THE PANEL. COLOR OF PANEL, "RADIANT RED".</p> | | | <p>CABLE: RR:47024-216 TWO CONDUCTOR MICROPHONE CABLE: EACH CONDUCTOR #18 GAUGE, 37 TO 41 STRANDS OF 0.0063 BARE COPPER WIRE, 1" MAX STRAND LAY. CONDUCTOR INSULATION: 0.016" MIN WITH 3" MAX CONDUCTOR LAY. SHIELD BRAID: OUTSIDE DIAMETER</p> <p>9/22/43 SEPT 43</p> | | |
| | | | | | | | | |
| | | | Y-14/TPS-1B | AN/TPS-1B | RESTRICTED | | | |
| <p>TRAILER: CONSISTS OF NAVY TYPE TRAILER CAHV-10343 AND NECESSARY MOUNTINGS AND FITTINGS FOR INSTALLATION OF RADIO SET AN/TPS-1B. ALSO INCLUDES ANTENNA HAND WHEEL AND AN ADAPTER TOWER SECTION. TRAILER IS A ONE-TON, 4 WHEEL (TANDEM AXEL) CARGO</p> <p>2/16/45 FEB. 45</p> | | | <p>VS-5/U GEN. USE</p> <p>PANEL: A SIGNAL PANEL, MADE OF CELLULOSE ACETATE MATERIAL WITH A BROADCLOTH HEAVE, USED FOR RECOGNITION OF GROUND UNITS BY FRIENDLY AIRCRAFT. CONSISTS OF A CLOTH APPROXIMATELY 26" X 18" X 3/4" WITH EACH SIDE BOUND WITH WHITE TAPE LOOPED AT THE</p> <p>12/20/44 JAN. 45</p> | | | <p>WD-2/U 0.240 (+0.000 -0.015). OUTER JACKET; OUTSIDE DIAMETER OVER JACKET 0.280" (+0.006 -0.010).</p> | | |
| | | | | | | | | |

Army-Navy Designations

4-175

| NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION | NAVY TYPE DESIGNATION | FIRST ASSIGNED FOR | NAVY DRAWING OR SPECIFICATION |
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|
|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|-----------------------|--------------------|-------------------------------|

WD-10/U
 WIRE:
 NO 16 AWG WIRE, STRANDED DC. 2 CONDUCTOR TYPE SV. 0.330" O.D. 1/32" WALL. 30% RUBBER INSULATION. BELDON "TAFFY" OR EQUAL.
 9/23/44
 SEPT. 44

WD-11/GTC
 CABLE:
 CABLE, SUBTERRANEAN, RUBBER, OVAL .350 X .200 INCHES. 2 CONDUCTOR SOLID #17, TEXEX TWIN UNDERGROUND CABLE, 2500 FT. ON NON-RETURNABLE REEL. SHIPPING WEIGHT 46 LBS PER 1000 FT. SIGNAL CORPS STOCK #18917.
 9/23/44
 MAY 45A USMC

COMPONENT INDICATORS "WF"
 WIRE, CABLE OR CORDAGE
 FOUR CONDUCTOR BULK WITHOUT TERMINALS

WF-1/U AIRCRAFT USE RE 13A 737
 CABLE: RR:47024-405
 FOUR CONDUCTOR CABLE (LIGHT); EACH #14 GAUGE (APPROXIMATE) 37 TO 41 STRANDS 0.010" BARE COPPER, 1-1/2" MAX STRAND LAY. CONDUCTOR INSULATION 0.020" MIN WITH 4" MAX CONDUCTOR LAY. COTTON FILLER AND COTTON BRAID INNER JACKET. SHIELD
 9/22/43
 SEPT 43

WF-1/U
 BRAID: OUTSIDE DIAMETER OF SHIELD BRAID 0.420" (+0.000 -0.010). OUTSIDE DIAMETER OVER OUTER JACKET 0.490" (+0.000 -0.020)

WF-2/U AIRCRAFT USE RE 13A 737
 CABLE: RR:47024-406
 FOUR CONDUCTOR CABLE (HEAVY); EACH #12 (APPROX) 61 TO 65 STRANDS OF 0.010" BARE COPPER WIRE, 2" MAX STRAND LAY. 0.020" MIN CONDUCTOR INSULATION WITH 4" MAX CONDUCTOR LAY. COTTON FILLER AND TIGHT COTTON BRAID INNER JACKET. OUTER
 9/22/43
 SEPT 43

WF-2/U
 DIAMETER OVER SHIELD BRAID 0.420±0.010". OUTSIDE DIAMETER OVER OUTER JACKET 0.490" (+0.000 -0.020).

COMPONENT INDICATORS "WM"
 WIRE, CABLE OR CORDAGE
 MULTIPLE CONDUCTOR (MORE THAN 4)
 BULK WITHOUT TERMINALS

WM-1/U AIRCRAFT USE RE 13A 737
 CABLE: RR:47024-807
 EIGHT CONDUCTOR CABLE; 7 CONDUCTORS #18 GAUGE EACH OF 16 TO 19 STRANDS 0.010" BARE COPPER WIRE AND 1 CONDUCTOR #14 GAUGE OF 37 TO 41 STRANDS 0.010" BARE COPPER WIRE. STRAND LAY: 1" MAX FOR #18 GAUGE AND 1-1/2" MAX FOR #14 GAUGE.
 9/22/43
 SEPT 43

WM-1/U
 CONDUCTOR INSULATION 0.020" MIN AND 4" MAX CONDUCTOR LAY. TIGHT COTTON BRAID INNER JACKET. OUTER DIA OVER SHIELD BRAID 0.420±0.010". OUTER DIAMETER OVER OUTER JACKET 0.490" (+0.000 -0.020).

WM-2/U AIRCRAFT USE RE 13A 737
 CABLE: RR:47024-1203
 TWELVE CONDUCTOR CABLE; EACH #18 GAUGE, 16 TO 19 STRANDS 0.010" BARE COPPER WIRE WITH 1" MAX STRAND LAY. INNER CONDUCTOR INSULATION 0.027" MIN AND OUTER CONDUCTOR INSULATION 0.020" MIN 5" MAX CONDUCTOR LAY WITH INNER AND OUTER CON-
 9/22/43
 SEPT 43

WM-2/U
 DUCTORS TWISTED IN SAME DIRECTION. TIGHT COTTON BRAID INNER JACKET. OUTER DIAMETER OF SHIELD BRAID 0.500" (+0.000 -0.020). OUTSIDE DIA-METER OVER OUTER JACKET 0.590" (+0.000 -0.020).

WM-3/U AIRCRAFT USE RE 13A 737
 CABLE: RR:47024-1802
 EIGHTEEN CONDUCTOR CABLE; 2 CONDUCTORS #16 GAUGE, EACH 26 STRANDS 0.010" BARE COPPER WIRE AND 16 CONDUCTORS #22 GAUGE, EACH 7 STRANDS 0.010" BARE COPPER WIRE WITH STRAND LAY 1-1/4" MAX FOR #16 GAUGE AND 1" MAX FOR #22 GAUGE. CONDUCTOR IN-
 9/22/43
 SEPT 43

WM-3/U
 SULATION: INNER #22 CONDUCTORS 0.030" MIN., INNER #16 CONDUCTORS 0.020" MIN., AND OUTER #22 CONDUCTORS 0.020" MIN 5-1/2" MAX CONDUCTOR LAY WITH INNER CORE & OUTER LAYER TWISTED IN SAME DIRECTION. TIGHT COTTON BRAID INNER JACKET. OUTER DIA OVER SHIELD BRAID 0.500" (+0.000 -0.020). OUTSIDE DIAMETER OVER OUTER JACKET 0.590" (+0.000 -0.020).

WM-4/U GENERAL RE 13A-737B
 CABLE:
 28 CONDUCTOR CABLE: 28 CONDUCTORS #22 GAUGE, EACH A MINIMUM OF 7 STRANDS .010 COPPER WIRE. #22 ONE INCH MAXIMUM STRAND LAY. .018 MINIMUM CONDUCTOR INSULATION. CONDUCTOR LAY: INNER CORE - ONE INCH; OUTER CORES - SIX INCHES. SHIELD BRAID:
 11/4/43 CG:
 JAN. 44

WM-4/U
 OUTSIDE DIAMETER-AROUND THE OUTER CORE - .640 PLUS .000, -.020. OUTER JACKET: OUTSIDE DIAMETER .750 PLUS .000, -.020.

SIGNAL CONDUCTOR CABLES "NS"
 INCLUDES NON-R.F. WIRE, CABLE AND CORDAGE IN BULK.

WS-6/GTC
 WIRE:
 BARE SOLID COPPER WIRE, SINGLE CONDUCTOR, #4 AWG, LEAD TIN COATED, GENERAL CABLE CORP. APPROXIMATELY 3,000' PER REEL.

9/23/44
 SEPT. 44

| DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER | ASSIGNED ISSUED | DATE | MANUFACTURER'S DESIGNATION | MANUFACTURER'S DRAWING NUMBER |
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|
|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|-----------------|------|----------------------------|-------------------------------|

CONFIDENTIAL

NAVSHIPS 900,109

