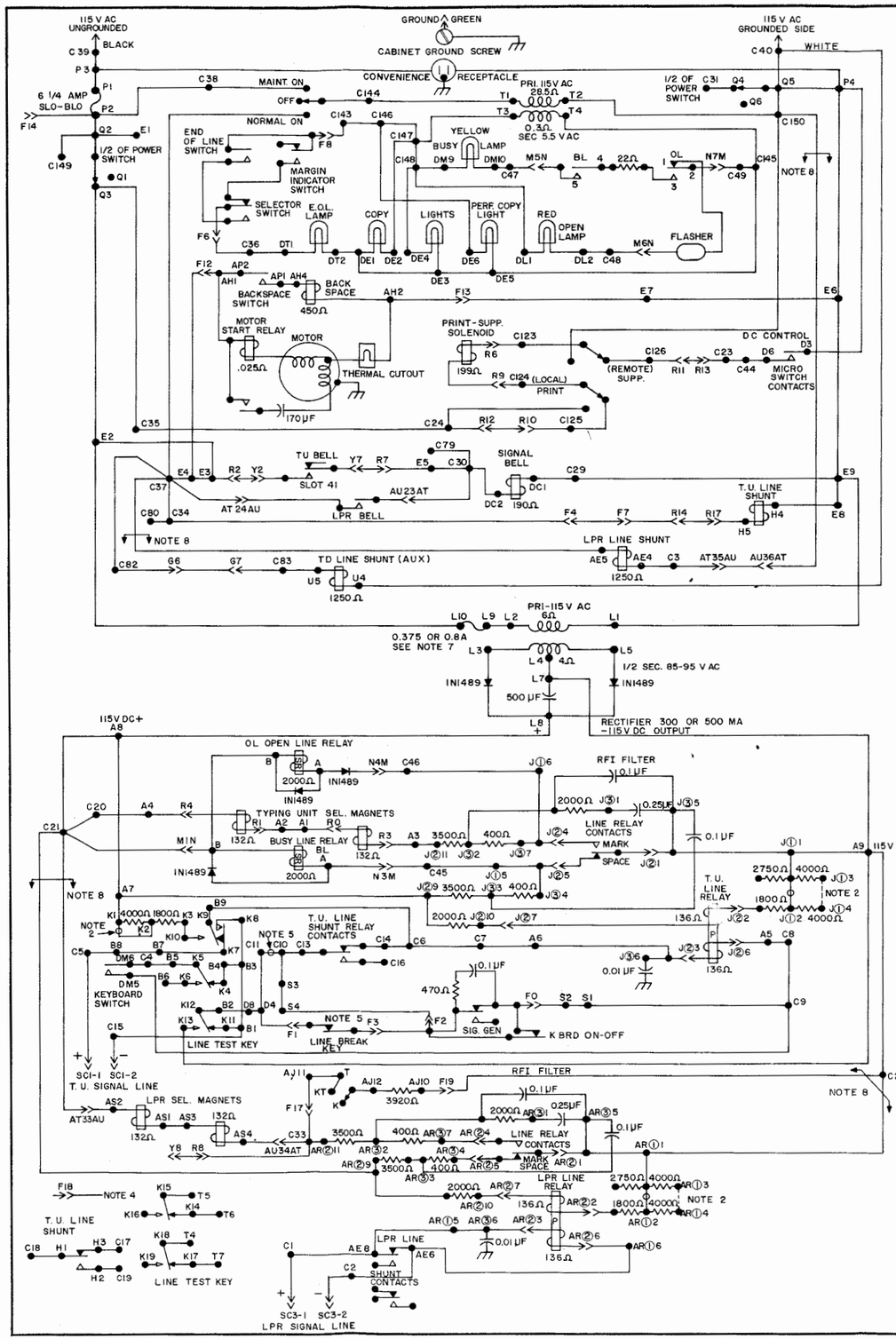

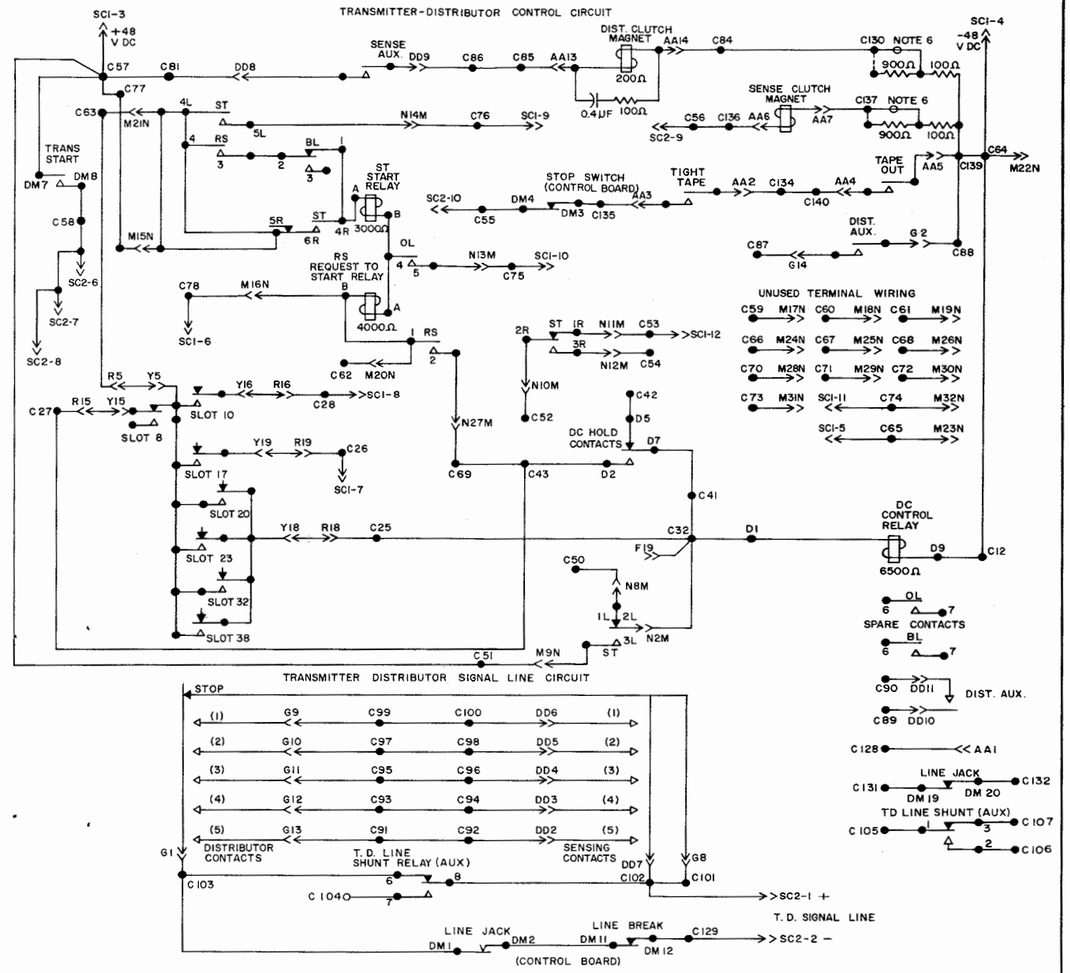

LEGEND

- ● A -Selector Mag. Terminal Block (LESU)
- ● B -Line Test Key Terminals
- ● C -Cabinet Terminals
- ● D -DC Control Relay Block Terminals
- ● E -Power Block Terminals (LESU)
- >> F -Keyboard Connector
- ● J 1 -Line Relay Terminals (TU)
- >> J (2) -Line Relay Terminals (TU)
- ● K -Line Test Key Assembly Terminals
- ● L -Rectifier 500MA Terminals
- >> R -Typing Unit Connector
- ● S -Slow Release Relay Block Terminals
- >> Y -Shunt Box Connector
- >> AA -TD Mag & Switch Connector
- ● AH -Motor Terminal Block
- ● AJ -Aux. Switch Block Terminals (LAK)
- ● AR① -Line Relay Terminals (LPR)
- >> AR② -Line Relay Terminals (LPR)
- ● AS -LPR Selector Magnet Terminals
- >> DD -TD Sensing Connector
- >> SCI -Control Cable (PTR)
- >> N-M -TD Control Device Terminals
- >> SCP -Power Cable
- >> AT-AU -LPR Connector
- >> SC2 -Control Cable TD
- >> SC3 -Control Cable LPR

Relay - Slow Release

- LT - Line Test Key Contacts
- ST - Start Relay Contacts
- RS - Request to Start Relay Contacts
- OL - Open Line Relay Contacts
- BL - Busy Line Relay Contacts

SHUNT BOX CONTACTS

Slot	Function (Circuit)
8	Unlock
10, 17	TD Start
20, 23, 38	Print off Line
32	Optional Print Off Line
41	Signal Bell

Normally open contact or switch

Normally closed contact or switch

Relay, Solenoid or Magnet

Relay - Two Coil, Polar

NOTES

1. All apparatus is shown in unoperated or de-energized position.
2. Circuits shown for .060 amp neutral signal line operation for .020 amp line current, add (---) dashed connections and omit connections marked (-o-) in line test key and line relay circuits.
3. Unit wired for 115V 60 ~ (/ 1%) AC power input. Control circuit wired for 48V DC input.
4. Spare lead from F18 is reserved for polar operation of signal generator.
5. Line break key is shown disabled with strap C10-C11. To enable the break key remove C10-C11. (APPLIES WHERE INSTALLED)
6. TD wired for 48V DC. For 110V DC remove leads from 100 resistors marked (-o-) and add (---) leads to 900 Ω resistors as shown.
7. FUSE SIZE: 0.375A 3AG FOR 159270 RECTIFIER ASSEMBLY. 0.8A 3AG FOR 162361 RECTIFIER ASSEMBLY.
8. EQUIPMENT AND CIRCUITRY FROM POINTS MARKED ARE NOT INSTALLED IN ASR WITH LPE-1 PERFORATOR.

NO.	REVISION	DATE	CK'D
2.	ADDED SLOT 38. CHANGED SLOT 36 TO 32. ADDED NOTE 8.	7-20-65	
1.	ADDED TERMINALS C58 & C89	6-9-65	

FEDERAL AVIATION AGENCY
INSTALLATION AND MATERIEL DEPOT

FAA STANDARD MODEL 28 ASR TELETYPEWRITER WIRING DIAGRAM

TECHNICAL APPROVAL BY: Robert F. Edwards	FINAL REVIEW BY: Roy S. Taylor
SUBMITTED BY: Douglas Michaels Jr.	DRAWING NO. IMD-D-439
DRAWN BY: DAVENPORT	DATE: 4-21-65