

TMC SPECIFICATION

NO. S 1127

REV:

COMPILED: RE

CHECKED: *EE*

APPD: *[Signature]*

SHEET 1 OF 5

TITLE:

typed by vab

7/27/66

SPECIFICATIONS

FOR THE

KIT-306

TMC SPECIFICATION

NO. S 1127

REV:

COMPILED: RE

CHECKED:

APPD:

SHEET 2 OF 5

TITLE: SPECIFICATIONS FOR THE KIT-306

typed by vab 7/27/66

I. SYNOPSIS OF CHANGE:

The Kit-306 change entails the addition of an isolating keyer unit AK-101 to an existing DDR-5 (automated) system. The AK-101 will allow various types of teletype keying schemes to activate the RTMU-1 and RTMU-2. It should be noted that if a grounded positive loop is used it will be necessary to use an AP-135 (Auxiliary Power Supply) in addition to the AK-101.

II. MATERIAL LIST:

<u>ITEM NO.</u>	<u>TMC PART NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>
1	AK-101	1	Keyer, Auxilary
2	TP-140	1	Template, Mtg.
3	SCBPO632BN5	4	Screw, Machine
4	LWEO6MRN	4	Lock Washer, External
5		1	11/32 High Speed Drill Bit
6	CA-1139-3	1	Cable, Branched
7	CK-1042	1	Diagram Schematic

NOTE: ENSURE THAT ALL POWER HAS BEEN REMOVED FROM TELETYPE LOOP AND RTMU-1 AND RTMU-2.

III. MODIFICATION STEPS:

1. Open rear door of DDR-5 automated cabinet.
2. Observe on the inside right side of cabinet an aluminum output box with a 14 position Jones Strip. Noted as A3860 on the interconnect schematic. Below this unit is A3862 a smaller aluminum box with a 4 position Jones Strip.
3. Remove plugs P3001 and P3002 from these repective boxes.
4. Then, remove P4004 from RTMU-1/RTMU-2.

TMC SPECIFICATION

NO. S 1127

REV:

COMPILED:

RE

CHECKED:

APPD:

SHEET

3

OF 5

TITLE: SPECIFICATIONS FOR THE KIT-306

typed by vab

7/27/66

5. Remove cable CA-934 and replace with CA-1139-3. It will be necessary to open cable clamps on side of rack to facilitate removal.
6. Remove A3862 from the cabinet by extracting 6-32 machine screws on outer right side of cabinet.
7. Place mounting Template TP-140 6" below A3860 and in line with it.
8. With the 11/32nd drill bit, open 4 holes on the cabinet, by drilling thru holes on template.
9. Remove template, and install AK-101 in line with holes. Secure to side of cabinet with 6-32 machine screws supplied.
10. Inset connector end of CA-1139-3 into J4004 of the RTMU-1/RTMU-2. Secure lugged end of cable to AK-101 as outlined on illustration. (LAST PAGE)
11. Now close cable clamps and refasten in place, keeping in mind to dress the cable down along existing cable lines.
12. Reconnect teletype loop as illustrated on last page.
13. This completes the installation of the Keyer, AK-101.

TMC SPECIFICATION

NO. S 1127

REV:

COMPILED:

CHECKED:

APPD:

SHEET 4

OF 5

TITLE:



