

# TMC SPECIFICATION

NO. S 1129

REV:

COMPILED:

RE

CHECKED:

*FEE*

APPD:

*M. Mag*

SHEET

1

OF

5

TITLE:

typed by vab

7/27/66

SPECIFICATIONS

FOR THE

KIT-309

# TMC SPECIFICATION

NO. S 1129

REV:

COMPILED: RE

CHECKED:

APPD:

SHEET 2 OF 5

TITLE: SPECIFICATIONS FOR THE KIT-309

typed by vab 7/27/66

## I. SYNOPSIS OF CHANGE:

The KIT-309 change entails the addition of an isolating keyer unit AK-102 and AP-135 (Power Supply) to an existing COPA-2. The AK-102 will allow various types of teletype keying loop schemes to activate the readout unit.

NOTE: ENSURE THAT ALL POWER HAS BEEN REMOVED FROM SIGNAL INPUT LINE AND READOUT UNIT.

## II. MATERIAL SUPPLIED:

<u>ITEM NO.</u>	<u>TMC PART NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>
1	AK-102	1	Auxiliary Keyer
2	AP-135	1	Auxiliary Power Supply
3	TP-141	1	Template
4	SCBP0632BN5	4	Screw, Machine
5	LWEO6MRN	4	Lock Washer, External
6		1	11/32 High Speed Drill Bit
7	CA-1251	1	Cable, Special Purpose
8	CK1132	1	Schematic, Diagram
9	CK1166	1	Schematic, Diagram

## III. MODIFICATION STEPS:

1. Open left rear door of COPA-2 unit.
2. Note rear of recessed partition used to house RTKY-1 unit.  
This partition will be utilized to mount the AK-102 and AP-135.
3. From the front side of COPA-2, disconnect and remove the RTKY-1

# TMC SPECIFICATION

NO. S 1129

REV:

COMPILED:

RE

CHECKED:

APPD:

SHEET

3 OF 5

TITLE: SPECIFICATIONS FOR THE KIT-309

typed by vab

7/27/66

- unit temporarily so as to facilitate access to mounting screws.
4. Place templates as shown in last page illustration, and with 11/32 drill bit open respective mounting holes for the AK-102 and AP-135.
  5. Secure both units in place with 6/32 hardware supplied.
  6. Replace RTKY-1 in housing, front of COPA-2, and reconnect.
  7. Remove female plug from readout unit and replace with female plug end of CA-1251.
  8. Insert male end of CA-1251 into P9501 umbilical cord cable on the AK-101.
  9. The lugged red lead from special purpose cable goes to 1 on Jones Strip of AP-135.
  10. The lugged black lead goes to 3 on Jones Strip of AP-135.  
(SEE ILLUSTRATION ON LAST PAGE)
  11. Connect teletype loop as illustrated on last page.
  12. This will complete installation of AK-102 and AP-135.

