

TMC SPECIFICATION

NO. S 1124

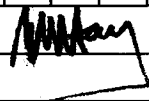
REV:

Ø A

COMPILED: RRH

CHECKED:

APPD:



SHEET 1 OF 4

TITLE:

Typed by mtp 7/19/66

MODIFICATION INSTRUCTIONS
CONVERSION OF MCU-2 TO MCU-2A

KIT-308

TMC SPECIFICATION

NO. S 1124

REV: Ø A

COMPILED: RRH

CHECKED:

APPD:

SHEET 2 OF 4

TITLE: MODIFICATION INSTRUCTIONS - CONVERSION OF MCU-2 TO MCU-2A - KIT-308

Typed by mtp 7/19/66

I. EQUIPMENT AFFECTED

TMC Model MCU-2 Monitor Control Panel

II. PURPOSE

To make MCU-2 compatible with TU-2A Tuner (TU-2 modified for improved alignment and dynamic braking).

III. It can be determined if this modification has been completed by noting the addition of SW247 as the resistance control switch (S102) in MCU-2. Nameplate NP362-76 should be affixed to the MCU-2 unit.

IV. This modification may be done either at the factory or as a field change.

V. DRAWINGS REQUIRED

MCU-2A Schematic Diagram CK1063

Installation Drawing ID352

VI. MATERIALS REQUIRED

<u>Item No.</u>	<u>Qty.</u>	<u>TMC Part No.</u>	<u>Description</u>
1.	1	SW347	Switch, DPDT
2.	19"	MWC22(7)U95	Wire, Insulated (White/Green)
3.	1	NP362-76	Modification Nameplate

NOTE: SEE STEP 5 IN PROCEDURE FOR INTER-CONNECT CABLE INFORMATION.

VII. MODIFICATION INSTRUCTIONS

1. If control cable is connected, remove control cable from J101 of MCU-2.

TMC SPECIFICATION

NO. S 1124

REV:

ØA

COMPILED:

RRH

CHECKED:

APPD:

SHEET

3

OF

4

TITLE: MODIFICATION INSTRUCTIONS - CONVERSION OF MCU-2 TO MCU-2A - KIT-308

Typ d by mtp 7/19/66

VII. MODIFICATION INSTRUCTIONS - Cont'd

2. In the MCU-2, disconnect the gray lead, the red/white lead, and two red leads from Switch S102. Remove the switch and replace it with SW347 (Item 1). NOTE: On SW347, Terminal 1 must be connected to Terminal 4, and Terminal 2 must be connected to Terminal 6.
3. Connect the red leads, removed in Step 2 above, to Terminals 2 and 6 of Item 1. Connect gray lead to Terminals 1 and 4, and the red/white lead to Terminal 5.
4. Connect one end of MCW22(7)U95 (Item 2) to Terminal 3 of S102 and dress it along the existing cable harness. Connect the other end to pin 1 of connector J101. This completes the modification of the MCU-2. Affix a modification nameplate NP362-76 (Item 3) to the front panel under the left hand model nameplate.
5. New 12-conductor inter-connect cables (including new wires) to connect the models TU-2 with the MCU-2 may be purchased from TMC if desired. They are CA541-XXX for standard application, or CA729-XXX for armored type. Length must be specified as required. If new cables are not desired for field installation, new wires may be added externally and parallel to existing cable. Customer may use Alpha Wire Corp. No. 1244, two-conductor cable (TMC No. WI112-1) or an equivalent, and use only one of the two conductors. Connect one end to the TU-2 unit, Terminal 1 of E208, and the other end to the MCU-2 unit, Pin I of J101.

