

# TMC SPECIFICATION

NO. S 1163

REV:

COMPILED: RRH

CHECKED: *E. Ruzza*

APPD: *EB*

SHEET 1 OF 2

TITLE:

Typed by mtp 1/11/67

MODIFICATION TO AZ-112

SERVO AMPLIFIER

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TITLE: MODIFICATION TO AZ-112 - SERVO AMPLIFIER

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I. Purpose of this modification is to

- a. Improve drive-up sequence in the associated RF amplifiers.
- b. Provide for adjusting sensitivity to required level.

## II. MATERIAL REQUIRED

<u>Item No.</u>	<u>Qty.</u>	<u>TMC Part No.</u>	<u>Description</u>
1	1	TE102-2	Stand-off, Insulated
2	1	RC20GF104J	Resistor, 100K, 1/2W
3	1	RC20GF473J	Resistor, 47K, 1/2W
4	12"	MWC20(7)UØ	Wire, Insulated, White

## III. PROCEDURE

1. Remove Jumper between Pins 31 and 28 on Amphenol Jack 17-70370.
2. Remove and cut back any existing lead on 28.
3. Run new lead from 28 to Pin 9 of K3 using appropriate amount of Item 4.
4. Isolate lead between K3 Pin 5 and 33. Remove only this lead from Pin 5, and connect to Pin 8 of K3.
5. Locate choke on Pin 1 of Jack 17-70370, a 220 uh going to Pin 10 of K1. Disconnect BROWN wire from this choke. Install a stand-off TE102-2, Item 1, and connect BROWN wire to same.
6. Connect an RC20GF104J, 100K resistor, Item 2, between stand-off and open end of choke.
7. Connect an RC20GF473J, 47K resistor, Item 3, between stand-off and around.

