



# SERVICE BULLETIN

MAINTENANCE AND MODIFICATION DATA

Broadcast Division

BULLETIN NO: AM-375-RPJ

DATE: MARCH 1990

EQUIPMENT: MW-1A PA MODULES

SUBJECT: History of updates to MW-1A PA Module.

This bulletin contains a history of all updates done to the MW-1A PA modules to date. All items except #1 and #6 should be done to all PA modules to bring transmitter performance up to specification. Items #1 and #6 are not electronically necessary, but do make transistor replacement easier.

1. Transistors sockets XQ-6 and XQ-7, 404-0661-000.
2. Resistor R11 and Pot R10 removed.
3. Resistor R12 = 22 ohm, 540-0571-000.
4. Resistor R9 = 27 ohm, 540-0573-000.
5. CR6 = 1N4005, 384-0020-000. See AM-141-CKH.
6. RF Input Board is installed, 992-5217-001, T1.
7. Q6 and Q7 must be SJ3125 transistors, 380-0513-000
8. Verify that Q2 is wired per revision N schematic.
9. Verify that DSR 3200 diodes are installed across Q6 and Q7, 384-0678-000. See AM-120-LAP.
10. Q3, Q4 and Q5 = MJ15015, 380-0670-000.

If you should have any questions pertaining to any of the above material, please direct your inquiries to:

Harris Corporation  
Radio Field Service  
217-222-8200, ext 3528  
FAX #: 217/222-9443

ENCLOSURE:

Service Bulletins #AM-120-LAP  
AM-138-TLH  
AM-141-CKH  
Schematic

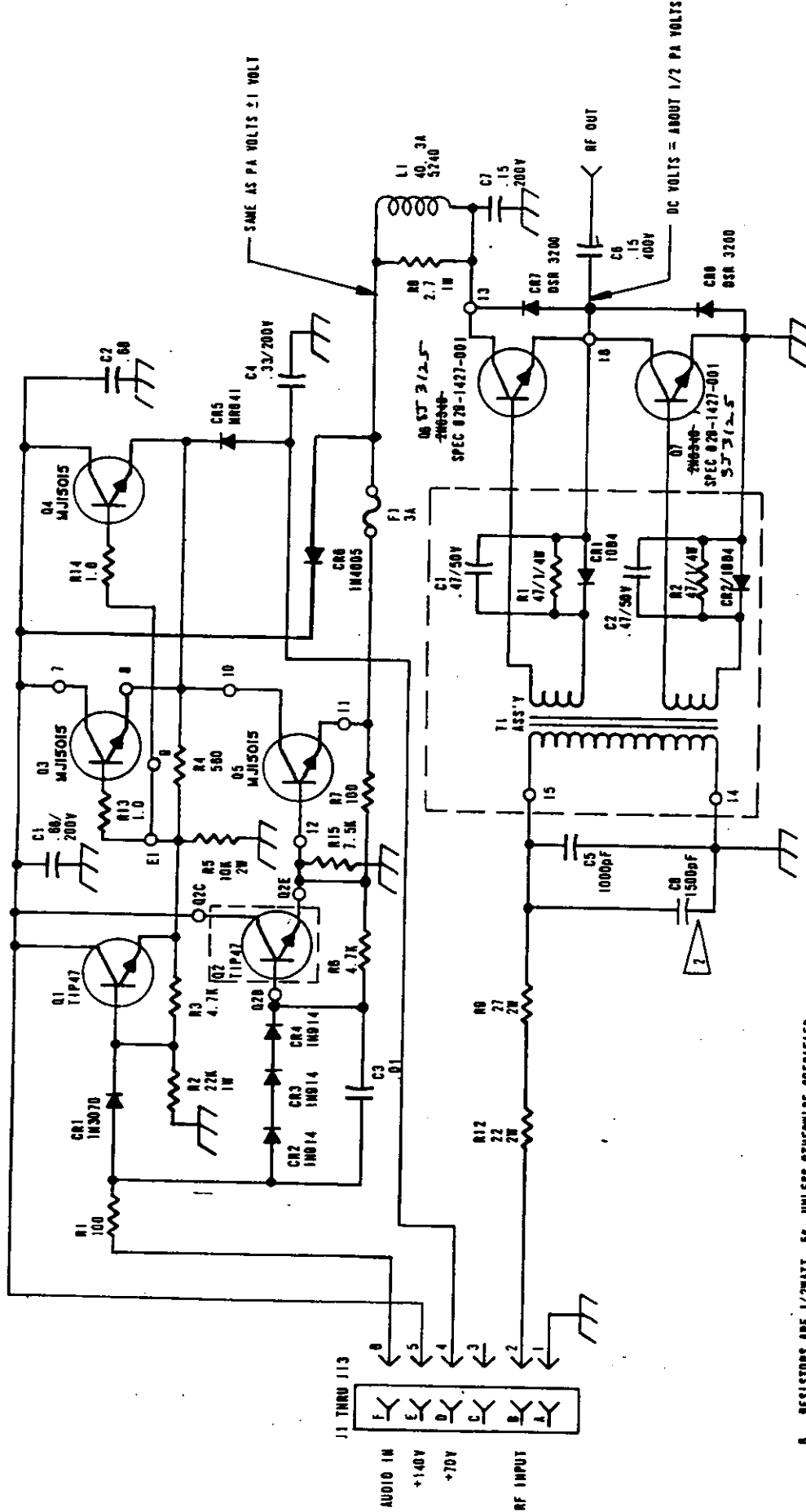


FIGURE 8-3. RF/PA MODULE  
A1-A13, SCHEMATIC  
828 8512 001-A