

**HARRIS**



COMMUNICATIONS AND  
INFORMATION HANDLING

# SERVICE BULLETIN

## MAINTENANCE AND MODIFICATION DATA

Broadcast Products Division

Corrected Zener Type Diode Numbers.  
Equipment: MW-5 AM TRANSMITTER

Bulletin No. AM-096-KDL  
Date 11-7-75

"PLEASE MAKE THE FOLLOWING CHANGES AS SOON AS POSSIBLE"

Change CR2 on oscillator/amp board 1A2A1 from a 4.7 volt 1 watt zener, type 1N4732A, to a 5.1 volt 1 watt zener, type 1N4733A. Harris Part Number for the 1N4733A is 386-0135-000 and is available from Harris Service Parts at no charge. Stability of flip-flop U1 operation is improved.

"PLEASE MAKE THE FOLLOWING INSTRUCTION BOOK CHANGES"

1. Page 4-7, Paragraph 27; change to read:

Modulate the transmitter 90% at 20 Hz. Adjust dissipation limiter control R37 on PDM control board 1A1A2 counter-clockwise until the transmitter trips off. If this does not occur with the potentiometer fully counter-clockwise, it is necessary to jumper CR2, CR3 or both. See Note 6 on the PDM and Audio Driver (1A1) schematic. Diode CR1 must always remain in the circuit. If CR2, CR3 or both are jumpered, rotate R37 fully clockwise and repeat the adjustment procedure above.

2. Parts list, Pages 7-6 and 7-8; PDM and Audio Driver schematic 852-7621-001:

PDM control and feedback board - 1A1A2

C7, C8	Determined on Final Test
R20	Determined on Final Test

Please check the components installed in your transmitter and mark the actual component values in your parts lists and schematics for quick reference.

MW-5 Service Bulletins AM-089KDL, AM-085JFR, AM-080JFR and AM-077JFR should be in your files. They are available on request from the Service Department.