

UNCLASSIFIED

MSG DTG 011800Z MAY 12

**SUBJECT: AVIATION MAINTENANCE INFORMATION MESSAGE (MIM) ,
H-58-MIM-12-003,LIGHT WEIGHT COLOR MULTIFUNCTION DISPLAY
(LWCMFD) FLICKERING**

NOTE: This message is not to be construed as a Safety of Flight (SOF), Aviation Safety Action Message (ASAM) or Aviation Maintenance Action Message (AMAM) as defined in Army Regulation (AR) 750-6. This is an Aviation Maintenance Information Message (MIM) issued per AR 750-6, permissive in nature and has not been transmitted to units subordinate to addressees. Request addressees retransmit this message to all subordinate units, activities or elements affected or concerned. The retransmittal shall reference the message.

NOTE: A listing of recently published MIM's, and any Supplements required by this message can be viewed/downloaded at: "<https://asmprd.redstone.army.mil>". This is a secure website which requires an Army Knowledge Online (AKO) ("<https://www.us.army.mil>") ID and password. This website includes published safety and maintenance messages, to include TAMMS Reports, Inspection Reports, and any Supplements/Addendums.

1. SUMMARY: Three Light Weight Color Multifunction Displays (LWCMFDs) have been returned due to flickering. The returned displays were installed on test aircraft and it was determined that the flickering occurred while waiting for the Horizontal Situation Display (HSD+) page to overlay information. The flickering is also present on the Legacy Cathode Ray Tube (CRT) Multifunction Displays and a similar delay was experienced. The purpose of this message is to inform the field that the flickering anomaly is normal and displays which exhibit this issue should remain in service if they meet the 10 second requirement of para 5.1 below.

2. END ITEMS AFFECTED: All OH-58D aircraft equipped with Controls and Display System (CDS) 4.

3. COMPONENTS AFFECTED BY THIS MESSAGE:

Nomenclature	PN	NSN
Display Unit,	MB190A-06	1260-01-540-3476
Multifunction		

4. REFERENCE PUBLICATIONS:

- 4.1. AR 750-6.
- 4.2. TM 1-1520-248-23.
- 4.3. TM 1-1520-248-10.
- 4.4. TM 1-1427-779-23.

5. TECHNICAL PROCEDURES/INSTRUCTIONS:

- 5.1. When switching to the HSD+ page, there will be a flicker in the video. This is the CDS overlaying information to the Symbol Generator (SG) and the Rotorcraft Mapping System (RMS) video sources. Flickering of the video, for up to ten seconds duration while switching pages, is normal. If the flickering does not stop or is accompanied with other fault indicators, inspect in accordance with TM 1-1427-779-23, Task 10-14.
- 5.2. For troubleshooting assistance with the LWCMFD, contact the POC listed in Para 6.2.

6. POINTS OF CONTACT:

- 6.1. AMRDEC Technical POCs are:
 - 6.1.1. Primary: Primary - Mr. Joe Wathen (Avion), DSN 788-2499 or 256-842-2499. Fax: (DSN) 788-6758 or 256-842-6758. Email: "joe.wathen@us.army.mil".
 - 6.1.2. Alternate - Mr. Lon Stanger, DSN 897-4304 or 256-313-4304. Fax: DSN 788-6758 or 256-842-6758. Email: "lon.stanger@us.army.mil".
- 6.2. Project/Product Manager's (PM) Office POC: Ms. Kristi Bagwell, DSN: 645-7614, or 256-256-955-7614. Fax: DSN: 788-3448 or 256-842-3448. Email: "kristi.bagwell@us.army.mil".
- 6.3. Publications POC: William E. Smith, DSN: 746-4044, or 256-876-4044. Fax: DSN: 897-1541, or 256-313-1541. Email: "william.smith@peoavn.army.mil".
- 6.4. Forms and Records POC: Ms. Renate Richters, DSN: 746-2570, or 256-876-2570. Fax: DSN: 746-4904, or 256-876-4904. Email: "renate.richters@us.army.mil".
- 6.5. Foreign Military Sales POCs:
 - 6.5.1. Primary: Mr. Tom Gibson, DSN: 788-1077, or 256-842-1077. Fax: DSN: 788-1145, or 256-842-1145. Email: "thomas.b.gibson@us.army.mil".
 - 6.5.2. Alternate: Robert Dubose, DSN: 788-1068, or 256-842-1068. Fax: 788-1145, or 256-842-1145. Email: "robert.dubose@us.army.mil".