

NUMBER: SB 500-31-027, Rev A
MODEL: ECLIPSE EA500
SUBJECT: MFD Firmware Update

Recommended

www.ECLIPSE.aero

1. PLANNING INFORMATION

A. Effectivity

Aircraft Serial Numbers: 000001-000262, 000266-000267 equipped with 9D-84100-3 MFD.

B. Reason

This Service Bulletin provides the steps to update the firmware for the Multi-Function Display (MFD).

C. Description

Eclipse Aerospace, Inc. (EAI) and Innovative Solutions and Support (IS&S) have investigated a number of MFDs with display flickering. The result of the investigation produced a solution in the form of an MFD firmware update. This update is not field-loadable. It must be installed by IS&S in their factory service center.

D. Relevant Publications

06-117751, EA500 AMM, current revision

E. Compliance

Eclipse Aerospace Inc. considers this to be a recommended procedure aircraft equipped with 9D-84100-3 MFD.

F. Approval

This Service Bulletin is based on engineering data that is FAA-approved, and the modification herein complies with the applicable regulations.

G. Labor Requirements

Dependent upon action taken.

H. Weight and Balance Change

N/A

I. Electrical Load Data Change

N/A

J. Software Accomplishment Summary

N/A

K. References

06-117751, EA500 AMM, current revision

L. Publications Affected

N/A

M. Export Control

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. These commodities, technology or software are intended for use only in the End User's country. An export license from the U.S. Department of Commerce may be required before these products can be re-exported, transferred, transshipped on a non-continuous voyage, or otherwise disposed of in any other country, either in their original form or after being incorporated into an end item. Diversion of this end-item or its use contrary to any applicable U.S. government license or to U.S. law is prohibited.

2. MATERIAL INFORMATION

A. Materials

N/A

B. Consumables

N/A

C. Tooling

N/A

D. Cost

EAI is covering the cost of the update. EAI will also cover the labor if the work is performed in an EAI authorized service center. Shipping and labor to remove and re-install the MFD at the customer's facility are the responsibility of the customer.

3. ACCOMPLISHMENT INSTRUCTIONS

A. Suggested Operator Action

There are three options for getting the Mod B update.

- (1) Order a replacement MFD from customer service. The MFD will be configured for your aircraft and shipped to your facility. The usual core charge and deposit requirements apply for this option.
- (2) Pre-arrange with EAI customer service to remove the MFD from your aircraft. Customer Service will provide the paperwork and shipping address to ship the MFD to IS&S. The turn-around time for the update at IS&S will be 5 to 7 days. Please plan on the aircraft being out of service for about 12 days.
- (3) Schedule the aircraft into an EAI authorized service center for the MFD replacement.

B. Limitations and Procedures

N/A

C. Parts Disposition

Dependent upon action taken.

4. RECORD OF COMPLIANCE

Upon completion of this Service Bulletin, make an appropriate maintenance-record entry specifying the Service Bulletin number.

5. NOTIFYING ECLIPSE AEROSPACE

On completing this Service Bulletin, the operator/maintainer shall complete the attached Compliance Record and send it to Eclipse Aerospace via regular mail, fax, or e-mail.

Mailing Address	Eclipse Aerospace Incorporated ATTN: Service Engineering 2503 Clark Carr Loop SE Albuquerque, NM 87106
Fax	1-505-241-8802
E-mail	sbcompliance@eclipse.aero

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