

SUBJECT: Avio Maintenance Computer Software 2.4.00

Aircraft Type: Eclipse 500

Effectivity: ALL

Applicability: AMC P/Ns 20-120576-1001 and 20-121925-1001

## 1. SUMMARY:

Avio Maintenance Computer software version 2.4.00 is now available.

## 2. BACKGROUND

This AMC upgrade addresses the connection reliability and data scanning issues in the 2.3.XX series of AMCs. It also adds some great new features that the Eclipse maintenance community has been asking for.

## 3. ECLIPSE ACTION

The software upgrade is available now. Please contact Eclipse Aerospace parts sales at 888-206-1890 to purchase the upgrade.

## 4. SUGGESTED OPERATOR ACTION

This AMC software upgrade is recommended for all Avio Maintenance Computers.

## 5. NEW FEATURES AND UPGRADES

### A. Major improvement in connection reliability.

- The software for communication with the DSU and the ACS was completely re-written to provide a very stable and fast connection.

### B. Flight history fault scanners software fixes and upgrades.

- Aircraft can be deleted from the flight history database.
- Flight history formatting errors no longer cause run time errors.
- Date Time errors fixed in flight history event and FADEC fault scanning software.

### C. Real Time FADEC fault and engine performance display means you no longer need GBSlite to monitor FADEC and engine data in real time.

- This powerful new feature adds the same real time display of FADEC faults that we have been using with ACS events since ver. 2.3.04.
- Real time display of non-EFIS FADEC data such as BVA position, EEC board temp, and health score.

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**D. Secure software upgrades.**

- The AMC installation process has been enhanced to allow Eclipse to ship install files to individual customers. This means no more sending your AMC to Albuquerque for upgrade.

**E. TAS and TAWS functions now allow configuration independent of functional test.**

**F. AHRS Calibration screen displays more data with greatly improved ACS connection reliability.**

**G. No more disconnect button for serial connections.**

**H. Re-designed drop-down lists, no more scrolling to access the desired function.**

**I. Universal download box compatibility, this allows any download box to connect to any AMC without the need to re-load software drivers.**

**J. DSU Cookies can now be generated to limit downloads to after a specified date.**

**K. Release notes are available on the AMC with a detailed description of each of these enhancements.**

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