

NUMBER: SB 500-34-027, Rev A  
MODEL: ECLIPSE EA500  
SUBJECT: PITOT / AOA Probe Flange Heater

**Mandatory**

[www.ECLIPSE.aero](http://www.ECLIPSE.aero)

## 1. PLANNING INFORMATION

### A. Effectivity

Aircraft Serial Numbers: 000001 to 000262, 000266, 000267

### B. Reason

This Service Bulletin provides instructions to add flange heaters to prevent Probes from freezing in flight.

### C. Description

This Service Bulletin provides installation instructions for bonding an external flange heater to each pitot/AOA probe.

There are two Modification Bulletins that install Pitot/AOA Flange Heaters. Modification Bulletin accomplishment is dependent on the aircraft configuration.

- (1) MB500-34-027, PITOT/AOA Probe Flange Heater, Effectivity: 000001 to 000262, 000266, 000267  
POST MB 500-31-007 and MB 500-34-025
- (2) MB500-34-028, PITOT/AOA Probe Flange Heater (Independent), Effectivity: Aircraft Serial Numbers:  
000001 to 000262, 000266, 000267 with iFMS 2.08 or 2.5.2.

### D. Relevant Publications

06-117751, EA500 AMM, current revision

### E. Compliance

Eclipse Aerospace Incorporated considers this Service Bulletin to be a mandatory upgrade that must be accomplished within 120 days from the issue date of this Service Bulletin.

### 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

Refer to MB500-34-027, PITOT/AOA Probe Flange Heater

or

Refer to MB500-34-028, PITOT/AOA Probe Flange Heater (Independent).

### H. Weight and Balance Change

None

### I. Electrical Load Data Change

Refer to MB500-34-027, PITOT/AOA Probe Flange Heater

or

Refer to MB500-34-028, PITOT/AOA Probe Flange Heater (Independent).

## J. Software Accomplishment Summary

None

## K. References

Refer to MB500-34-027, PITOT/AOA Probe Flange Heater

or

Refer to MB500-34-028, PITOT/AOA Probe Flange Heater (Independent).

## L. Publications Affected

06-117751–EA500 AMM, current revision

## 2. MATERIAL INFORMATION

### A. Materials

Refer to MB500-34-027, PITOT/AOA Probe Flange Heater

or

Refer to MB500-34-028, PITOT/AOA Probe Flange Heater (Independent).

### B. Consumables

Refer to MB500-34-027, PITOT/AOA Probe Flange Heater

or

Refer to MB500-34-028, PITOT/AOA Probe Flange Heater (Independent).

### C. Tooling

Refer to MB500-34-027, PITOT/AOA Probe Flange Heater

or

Refer to MB500-34-028, PITOT/AOA Probe Flange Heater (Independent).

### D. Part Re-identification

Refer to MB500-34-027, PITOT/AOA Probe Flange Heater

or

Refer to MB500-34-028, PITOT/AOA Probe Flange Heater (Independent).

### E. Cost

Contact Eclipse Aerospace Customer Care for cost information and availability.

## 3. ACCOMPLISHMENT INSTRUCTIONS

### A. Procedure

Refer to MB500-34-027, PITOT/AOA Probe Flange Heater

or

Refer to MB500-34-028, PITOT/AOA Probe Flange Heater (Independent).

### B. Limitations and Procedures

Refer to MB500-34-027, PITOT/AOA Probe Flange Heater

or

Refer to MB500-34-028, PITOT/AOA Probe Flange Heater (Independent).

### C. Parts Disposition

None

### D. 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.

## 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 3250 Spirit Drive SE Albuquerque, NM 87106
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