

## SERVICE BULLETIN

**NUMBER:** SB 500-24-001  
**MODEL:** Eclipse EA500  
**SUBJECT:** Aft Power Distribution Center (APDC) Insulation Modification

### 1. Planning Information

#### A. Effectivity

Aircraft Model EA500, Serial Numbers 000001 through 000016.

#### B. Reason

There has been an instance where the bonding of the APDC insulation blanket on the APDC allowed the insulation blanket to move out of its intended location.

It is possible that movement of the insulation blanket may restrict the cooling airflow to the APDC, inducing overheat and shutdown of the APDC.

#### C. Description

This Service Bulletin (SB) installs a retaining bracket that will prevent the APDC insulation blanket from moving and potentially restricting the cooling airflow to the APDC.

#### D. Relevant Publications

Aircraft Maintenance Manual (AMM) PN 06-117751, latest revision

#### E. Compliance

Eclipse Aviation Corporation considers this to be a mandatory modification that *must* be accomplished within 30 calendar days from date of issue of this SB.

#### F. Approval

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

#### G. Weight and Balance Change

Negligible.

#### H. Electrical Load Data Change

None.

#### I. Software Accomplishment Summary

None

#### J. Publications Affected

Aircraft Maintenance Manual P/N 06-117751.

Illustrated Parts Catalog P/N 06-117752.

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### 2. Material Information

#### A. Materials

The following parts are required for this Service Bulletin.

Part Number	Description	Qty Required
Dwg 24-121952-1001	EAC Drawing: "APDC Instl – Aft Cabin"	1 Ea.
24-121964-2001	Bracket, APDC Standoff – Aft Cabin	1 Ea.
ST-620-1B or ST-620-1R or ST-604-1B or ST-604-1R	Tape, Molex	1 Roll
Permacell P-55	Double sided tape	4 Ft.

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### 3. Accomplishment Instructions

#### A. Procedure

- 1) Use AMM task 25-21-10 for Job Set-UP and passenger seat removal as required to access Aft Power Distribution Center (APDC).
- 2) Use SUBTASK-AMM-25-21-20-001-921-001 for Job Set-Up.
- 3) Use SUBTASK-AMM-25-21-20-001-011-008 for APDC panel assembly removal.
- 4) Use AMM-24-60-12 to remove the APDC.
- 5) Remove cabin insulation sound proofing (behind APDC only) using AMM 25-80-20.
- 6) Add additional strips of Permacel P-55 double sided tape to outboard side of insulation to double the number of existing strips holding the panel in place.
- 7) Install the insulation using AMM-25-80-20.
- 8) Install APDC standoff bracket and APDC as per EAC Drawing 24-121952-1001 Rev. A. and AMM-24-60-12.
- 9) Part mark as per note 3 where indicated.
- 10) Inspect installation of APDC.
- 11) Use SUBTASK-AMM-25-21-20-041-921-001 for Job Set-Up.
- 12) Use SUBTASK-AMM-25-21-20-041-411-008 to install the APDC panel assembly.
- 13) Use SUBTASK-AMM-25-21-20-041-921-002 for Job Close-Up.

#### B. Cost

Cost of Parts and Labor will be the responsibility of Eclipse Aviation Corporation after obtaining concurrence from Eclipse Aviation Product Support for scheduling.



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**4. Record of Compliance**

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

**5. Notifying Eclipse Aviation**

On completing this service bulletin, the operator/maintainer shall complete the attached *Compliance Record* and send it to Eclipse Aviation via regular mail, fax, or e-mail.

*Mailing Address:* Eclipse Aviation Corporation  
ATTN: Customer Care  
2503 Clark Carr Loop SE  
Albuquerque, NM 87106

*Fax:* 1-505-241-8802

*E-mail:* [customercare@EclipseAviation.com](mailto:customercare@EclipseAviation.com)

