



**MANDATORY**

[www.eclipseaerospace.net](http://www.eclipseaerospace.net)

ECLIPSE  
AEROSPACE

## SERVICE BULLETIN

**NUMBER:** SB 500-24-004, REV C  
**MODEL:** ECLIPSE EA500  
**SUBJECT:** AFT POWER DISTRIBUTION CENTER REPLACEMENT

### 1. PLANNING INFORMATION

#### A. Effectivity

Aircraft Serial Numbers 0001-0300.

#### B. Reason

Replaces the Aft Power Distribution Center (APDC).

Revision B changes: Changed classification from Recommended to Mandatory.

Revision C changes: Changed effectivity from 0001 – 0260 to 0001 – 0300.

#### C. Description

This Service Bulletin provides procedures for replacing the APDC, P/N 1160-3 or 1160-4 with the APDC, P/N 1160-5.

#### D. Relevant Publications

None

#### E. Compliance

Eclipse Aerospace Inc. considers this to be a mandatory component replacement that must be accomplished at the next 300 hour / 24 Month Inspection.

Compliance with revisions A and B of this Service Bulletin constitutes compliance with revision C.

#### 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

The following information is for planning purposes only.

(1) Estimated labor hours to perform:

Suggested number of personnel: 1

APDC Removal: 1.0 Hours

APDC Installation: 2.0 Hours

**Total labor hours: 3.0**

The above is an estimate based on properly equipped and experienced personnel complying with this Service Bulletin. Actual labor hours may vary depending on workforce experience, concurrent maintenance, discovery of other discrepancies, etc.

(2) Qualification of personnel:

- A person properly authorized to perform aircraft maintenance under 14 CFR 43 or equivalent approved by the Civil Aviation Authority having jurisdiction.

#### H. Weight and Balance Change

None



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**I. Electrical Load Data Change**

None

**J. Software Accomplishment Summary**

Not applicable

**K. References**

Aircraft Maintenance Manual (AMM) P/N 06-117751, latest revision.

Illustrated Parts Catalog (IPC) P/N 06-117752, latest revision.

**L. Publications Affected**

Illustrated Parts Catalog (IPC) P/N 06-117752.

**2. MATERIAL INFORMATION**

**A. Materials**

Order parts below.

(1) Parts:

Part Number	Description	Qty	Unit of Issue
1160-5	Aft Power Distribution Center	1	EA.

**B. Tooling**

The following special tooling/support equipment is required to accomplish this Service Bulletin.

Nomenclature	Specification	Use
Milli-Ohmmeter	Extech model 380460 or equivalent	Electrical Bonding Check

**C. Interchangeability/Intermixability of Parts**

None

**D. Part Re-identification**

None.

**3. ACCOMPLISHMENT INSTRUCTIONS**

**A. Procedure**

- (1) Make aircraft safe for maintenance. Refer to AMM 20-00-01 MAKE SAFE FOR MAINTENANCE.
- (2) Remove Aft PDC P/N 1160-3 or 1160-4. Refer to AMM 24-60-12 AFT POWER DISTRIBUTION CENTER - REMOVAL
- (3) Install Aft PDC P/N 1160-5. Refer to AMM 24-60-12 AFT POWER DISTRIBUTION CENTER - INSTALLATION  
NOTE: Make sure to do adjustment/test required by AMM Aft PDC Installation procedure.
- (4) If all other maintenance is complete, return aircraft to service. Refer to AMM 20-00-02 - RETURN TO SERVICE (AFTER MAINTENANCE).



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### **B. Limitations and Procedures**

None

### **C. Parts Disposition**

Return removed parts to Eclipse Aerospace Inc.

### **D. Cost**

Contact Eclipse Aerospace Inc. for cost and availability.

## **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 Inc. ATTN: Customer Care 2503 Clark Carr Loop SE Albuquerque, NM 87106
Fax	1-505-241-8802
E-mail	customercare@EclipseAerospace.net

