

NUMBER: SB 500-21-006, Rev A
MODEL: ECLIPSE EA500
SUBJECT: Cockpit Engine Bleed Air Feed Duct Replacement

Mandatory

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1. PLANNING INFORMATION

A. Effectivity

Aircraft Serial Numbers 0001 - 0300.

B. Reason

This Service Bulletin has been prepared to replace the right Conditioned Bleed Air Duct with an improved part.

C. Description

This Service Bulletin provides procedures to replace the right Conditioned Bleed Air Duct.

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.

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

Job Set-up and Job Close-up: 1.0 Hours

Removal and replacement: 1 Hour

Total labor hours: 2.0

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 under 14 CFR 43 to perform aircraft maintenance.

H. Weight and Balance Change

None

I. Electrical Load Data Change

None

J. Software Accomplishment Summary

None

K. References

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

L. Publications Affected

None

2 MATERIAL INFORMATION

A. Materials

Order parts below:

Part Number	Description	Qty	Unit of Issue
99M016-4	Conditioned Bleed Air Duct, Right	1	EA.

B. Consumables

The following consumables are required for this Service Bulletin.

Material	Specification	Use
Tiedown Strap	MS3367-2-0	To secure ducting.

C. Tooling

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

Nomenclature	Specification	Use
Seat Foot Release Cable Tool	EAI, 9000-2521275	Seat removal

D. Interchangeability/Intermixability of Parts

None

E. Part Re-identification

None.

3. ACCOMPLISHMENT INSTRUCTIONS

A. Procedure

- | | Sign Off |
|--|-----------------|
| (1) Job Set-up, | |
| (a) Make the aircraft safe for maintenance. Refer to AMM - 20-00-01 - MAKE SAFE FOR MAINTENANCE. | _____ |
| (b) Remove copilot seat to get access to cockpit panels. Refer to AMM - 25-11-10 - COCKPIT SEAT - REMOVAL. | _____ |
| (c) Remove Right Sidewall Kick Panel - 222 DZ. Refer to AMM - 25-11-20 - COCKPIT PANELS - REMOVAL. | _____ |
| (d) Remove Right Lower Cockpit Sidewall Assembly - 222 BZ. Refer to AMM - 25-11-20 - COCKPIT PANELS - REMOVAL. | _____ |
| (2) Rework | |
| (a) Remove Conditioned Bleed Air Duct, Right, P/N 99M016-2. Refer to AMM - 21-20-12 - CABIN DUCTING - REMOVAL. | _____ |
| (b) Install Conditioned Bleed Air Duct, Right, P/N 99M016-4. Refer to AMM - 21-20-12 - CABIN DUCTING - INSTALLATION. | _____ |
| (3) Job Close-up | |
| (a) Install Right Lower Cockpit Sidewall Assembly - 222 BZ. Refer to AMM - 25-11-20 - COCKPIT PANELS - INSTALLATION. | _____ |
| (b) Install Right Sidewall Kick Panel - 222 DZ. Refer to AMM - 25-11-20 - COCKPIT PANELS - INSTALLATION. | _____ |
| (c) Install copilot seat. Refer to AMM - 25-11-10 - COCKPIT SEAT - INSTALLATION. | _____ |
| (d) If all other maintenance is complete, return the aircraft to service. Refer to the AMM - 20-00-02 - RETURN TO SERVICE (AFTER MAINTENANCE). | _____ |

B. Limitations and Procedures

None

C. 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 Incorporated ATTN: Service Engineering 2503 Clark Carr Loop SE Albuquerque, NM 87106
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