

NUMBER: SB 500-21-007, Rev A
MODEL: ECLIPSE EA500
SUBJECT: Outflow Valve and Flow Control Valve Recall

Mandatory

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1. PLANNING INFORMATION

A. Effectivity

Aircraft Serial Numbers: 500-000022, 500-000037, 500-000054, 500-000057, 500-000077, 500-000150, and 500-000192.

B. Reason

Certain secondary outflow valve and flow control valve serial numbers have been recalled by the manufacturer.

C. Description

This Service Bulletin provides corrective action to remove and return the recalled outflow valve and flow control valve.

Our records indicate the following aircraft and corresponding part numbers and serial numbers are effected.

Aircraft Serial Number	Aircraft Registration Number	Recalled Part Number	Product Serial Number
000150	N920GB	5412-00-3	303
000022	N22NJ	5547-00-1	494
000037	PR-CCA	5547-00-1	130
000054	N54TE	5547-00-1	238
000057	N411VP	5547-00-1	140
000077	N77TE	5547-00-1	021
000192	N61DT	5547-00-1	255

D. Relevant Publications

06-117751 – EA500 AMM, current revision

E. Compliance

Eclipse Aerospace Inc. considers this to be a mandatory bulletin that must be accomplished at the next 300 hour inspection. Eclipse Aerospace Inc. will provide replacement parts and labor at no cost to the customer when performed at an Eclipse Authorized Service Center.

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

Set up and inspection: 1.5 Hours

Replace parts and function check: 3.0 Hours

Close up and return to service: 1.5 Hours

Total labor hours: 6

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

No change.

I. Electrical Load Data Change

No change.

J. Software Accomplishment Summary

No change.

K. References

06-117751 – EA500 AMM, current revision

06-117752 – EA500 IPC, current revision.

L. Publications Affected

None.

M. Export Control

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2 MATERIAL INFORMATION

A. Materials

Part Number	Description	Qty	Unit of Issue
5412-00-3	3.5 INCH SECONDARY CPCS OUTFLOW VALVE ECLIPSE MODEL 500	1	EA
5547-00-1	VALVE, BI-LEVEL FLOW CONTROL	6	EA

B. Consumables

None.

C. Tooling

None.

D. Interchangeability / Intermixability of Parts

None.

E. 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) For aircraft serial number 000150:
 - (a) Gain access to the outflow valve. Refer to AMM-21-30-13-001-801 SECONDARY CPCS OUTFLOW VALVE - REMOVAL.
 - (b) Remove recalled P/N 5412-00-3.
 - (c) Install new outflow valve. Refer to AMM-21-30-13-041-801 SECONDARY CPCS OUTFLOW VALVE - INSTALLATION.
- (3) For aircraft serial numbers 000022, 000037, 000054, 000057, 000077, and 000192:
 - (a) Gain access to the flow control valve. Refer to AMM-21-40-20-001-801 FLOW CONTROL VALVE (FCV) - REMOVAL.
 - (b) Remove recalled P/N 5547-00-1.
 - (c) Install new flow control valve. Refer to AMM-21-40-20-041-801 FLOW CONTROL VALVE (FCV) - INSTALLATION.
- (4) If all other maintenance is complete, return aircraft to service. Refer to AMM 20-00-02-051-801 RETURN TO SERVICE (AFTER MAINTENANCE).

B. Limitations and Procedures

None.

C. Parts Disposition

Return to Eclipse Aerospace.

D. Cost

Contact Eclipse Aerospace Customer Care for parts availability.

4. PART MARKING

None.

5. RECORD OF COMPLIANCE

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

6. NOTIFYING ECLIPSE AEROSPACE

Upon incorporation of 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.

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