

NUMBER: SB 550-32-002, Rev D
MODEL: ECLIPSE 550®
SUBJECT: Main Landing Gear Trunnion Inspection

Mandatory
www.ECLIPSE.aero

1. PLANNING INFORMATION

A. Effectivity

Aircraft Serial Numbers: 550-0263 to 550-0265, 550-0268 to 550-0280, 550-0282 to 550-0284, and 550-1001.

B. Reason

This bulletin inspects the main landing gear trunnion to verify that it meets the design specifications.

Revision D of this Service Bulletin limits the effectivity and updates the compliance section.

Revision C of this Service Bulletin updates the compliance section.

Revision B changes: Updated Authorized Facilities list to include C2 Aviation Ltd, General Enterprises B.V., and Genel Havacilik A.S.

C. Description

This Service Bulletin inspects the Main Landing Gear Trunnion.

D. Relevant Publications

06-123838, Eclipse 550 AMM, current revision

E. Compliance

Eclipse Aerospace Incorporated considers this to be a mandatory inspection that must be accomplished at an authorized Eclipse Service Center at the threshold identified in [Table 1](#) below and no later than 31 December, 2016.

Compliance with revisions A, B or C does constitute compliance with Rev D.

Compliance with BOTH SB 550-32-003 and 550-32-004 constitutes compliance with this service bulletin.

Aircraft Total Landings	Initial Inspection
975 or Greater	Within the next 25 landings
Between 750 and 974	Prior to 1000 landings or the next 24 month/300 hour inspection (whichever comes first)
Between 0 and 749	At the next 24 month/300 hour inspection

Table 1. Inspection Threshold

B. Approval

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

C. Labor Requirements

The following information is for planning purposes only.

(1) Estimated labor hours to perform:

Suggested number of personnel: 1

Inspection of both MLG: 2 Hrs

Total labor hours: 2 HOURS

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.

(3) Facilities Authorized to perform service bulletin:

- Eclipse Aerospace, Inc. (ABQ, PWK)
- AIRplus Maintenance GMBH, Friedrichshafen, Germany
- Boca Aircraft Maintenance, Boca Raton, FL USA
- C2 Aviation Ltd, Kemble, Cotswold Airport, Cirencester, Gloucestershire, UK
- Crownair Aviation, San Diego, CA USA
- General Enterprises B.V., Machlaan 8a, 9761 TK Eelde, The Netherlands
- Genel Havacilik A.S., Atatürk International Airport (IST), Istanbul Turkey

D. Weight and Balance Change

N/A

E. Electrical Load Data Change

N/A

F. Software Accomplishment Summary

N/A

G. References

06-123838, Eclipse 550 AMM, current revision

M041-07H129-045 / -046, Main Fitting Assy

H. Publications Affected

06-123838, Eclipse 550 AMM, current revision

I. Export Control

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2. MATERIAL INFORMATION

A. Materials

N/A

B. Consumables

N/A

C. Cost

Contact Eclipse Aerospace Customer Care for cost information and availability.

3. ACCOMPLISHMENT INSTRUCTIONS

A. Procedure

(1) Perform Eclipse Work Instruction WI-32-001 — MLG Inspection.

B. Limitations and Procedures

N/A

C. Parts Disposition

N/A

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

4. 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
Fax	1-505-241-8802
E-mail	sbcompliance@eclipse.aero

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