

OPTIONAL SERVICE BULLETIN

OSB 40-061/1
OSB D4-067/1
OSB F4-017/1
OSB 40NG-044

I TECHNICAL DETAILS

1) Category

Optional.

2) Airplanes affected

Type: DA 40, DA 40 D, DA 40 F, DA 40 NG
Serial Numbers: 40.006 through 40.084
40.201 through 40.599
D4.001 through D4.185
40.FC001 through 40.FC009

3) Date of Effectivity

03-Mar-2009.

4) Time of Compliance

At owner's discretion.

5) **Subject**

This OSB introduces 4 maintenance access holes in the elevator, 2 beside each intermediate hinge, to allow for replacement of the bearing. The holes will be closed with plugs.

ATA-Code: 55-20 Elevator

6) **Reason**

Maintenance Access holes for simplified maintenance and replacement of the plain bearings, which serve as intermediate hinges of the elevator, have been introduced to the serial production. Those access holes are made available for retrofit to DA 40 aircraft delivered prior to this design change.

7) **Concurrent Documents**

None.

8) **Approval**

The technical information or instructions contained in this document relate to the Design Change Advisories No. MÄM 40-181 and VÄM 40-004, which have been approved under the authority of EASA Design Organization Approval ref. EASA.21J.052 and by EASA.

The technical content of this document has been approved under the authority of DOA ref. EASA.21J.052.

9) **Accomplishment/Instructions**

Comply with Work Instruction No. WI-OSB 40-061 / WI-OSB D4-067 / WI-OSB F4-017 / WI-OSB 40NG-044, latest effective issue.

10) **Mass (Weight) and CG**

Weighing of mass and static balance of the elevator is mandatory. Refer to AMM Section 51-60 Control Surface Balancing.

II PLANNING INFORMATION

1) Material & Availability

See WI-OSB 40-061 / WI-OSB D40-067 / WI-OSB F4-017 / WI-OSB 40NG-044, latest effective issue.

2) Special Tools

Ring saw Ø 25 mm (1 inch).

3) Labor Effort

Approx. 3 hours.

4) Credit

None.

5) Reference Documents

DA 40 Series Airplane Maintenance Manual Doc. No. 6.02.01, latest effective issue.

DA 40 NG Airplane Maintenance Manual Doc. No. 6.02.15, latest effective issue.

III REMARKS

- 1) All work must be done by a certified aircraft maintenance station or a certified aircraft maintenance mechanic.
- 2) All work, in particular that which is not especially described in this service bulletin, must be done in accordance with the referenced maintenance manual.
- 3) Completion of all work must be confirmed in the log book.
- 4) In case of doubt, contact Diamond Aircraft Industries GmbH.



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EXECUTION REPORT TO SERVICE BULLETIN

OSB 40-061/1

OSB D4-067/1

OSB F4-017/1

OSB 40NG-044

AIRPLANE DATA

Airplane Serial Number: _____

Airplane Registration: _____

Airplane Operator: _____

Hours of operation of airplane: _____

No. of landings: _____

Hours of operation-engine: _____

Typical operation of airplane: private, club, training, other _____

Date, Name, Sign

Please fax the completed form to Fax No. +43-2622-26700-1369 or e-mail to
airworthiness@diamond-air.at