

OPTIONAL SERVICE BULLETIN

NO. OSB 40-061

NO. OSB D4-067

NO. OSB F4-017

I TECHNICAL DETAILS

1) Category

Optional.

2) Airplanes affected

Type: DA 40
 DA 40D
 DA 40F

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 holder'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 Advisory No. MÄM 40-181, which has been approved under the authority of EASA Design Organization Approval No. EASA.21J.052.

The technical content of this document has been approved under the authority of DOA No. EASA.21J.052.

9) **Accomplishment/Instructions**

Comply with Work Instruction No. WI-OSB 40-061 / WI-OSB D4-067 / WI-OSB F4-017, 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

All material and parts are listed in WI-OSB 40-061 / WI-OSB D40-067 /
WI-OSB F4-017, 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

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

III REMARKS

- 1) All measures must be carried out by a certified aircraft maintenance station or a certified aircraft maintenance mechanic.
- 2) All works, particular those that are not especially described in this service bulletin, must be carried out in accordance with the referenced maintenance manual.
- 3) Accomplishment of the measures 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 / OSB D4-067 / OSB F4-017

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