

OPTIONAL SERVICE BULLETIN

NO. OSB 40-066

NO. OSB D4-072

I TECHNICAL DETAILS

I.1 Category

Optional.

I.2 Airplanes affected

Type: DA 40, DA 40 D
Serial numbers: 40.010 through 40.362
D4.001 through D4.109
aircraft with standard tanks

I.3 Date of Effectivity

23-Feb-2010

I.4 Time of Compliance

At owner's discretion

I.5 Subject

Large Rudder.
ATA-Code: 55-40

I.6 Reason

Early serial numbers of DA 40 / DA 40 D airplanes with standard tanks are equipped with a small rudder. For production standardization higher serial numbers are all equipped with a large rudder regardless of tank configuration. This service bulletin describes the retrofit of the large rudder DA4-5540-00-00_1 on all aircraft initially equipped with a small rudder DA4-5540-00-00.

Note: Only the large rudder DA4-5540-00-00_1 is available as spare part from Diamond Aircraft Industries.

I.7 Concurrent Documents

None.

I.8 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. MÄM 40-113/a which has been approved under the authority of JAA Design Organization Approval No. MOT-JA-01.

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

I.9 Accomplishment / Instructions

Comply with WI-OSB 40-066 / WI-OSB D4-072, latest effective issue.

I.10 Mass and CG

Mass and CG affected.

II PLANNING INFORMATION

II.1 Material and Availability

See WI-OSB 40-066 / WI-OSB D4-072, latest effective issue.

II.2 Special Tools

None.

II.3 Labor Effort

Approx. 2 hours.

II.4 Credit

None.

II.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 mechanic.
- 2) All works, particular those that are not especially described in this service bulletin, must be carried out in accordance with the reference maintenance manual.
- 3) Accomplishment of the measures must be confirmed in the log book.
- 4) In case of doubt, contact Diamond Aircraft Industries GmbH.

**EXECUTION REPORT TO
SERVICE BULLETIN
OSB 40-066
OSB D4-072**

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