

**OPTIONAL SERVICE BULLETIN NO. OSB 40-057 REV. 3**  
**SUPERSEDES OSB 40-057 REV. 2**

**I TECHNICAL DETAILS**

**I.1 Category**

Optional.

**I.2 Airplanes Affected**

Type: DA 40

S/N: 40.006 through 40.079, 40.081 through 40.083, and 40.201 through 40.821 provided that MÄM 40-123 (OSB 40-025, 18 mm main landing gear strut) or OÄM 40-283 (OSB 40-059, taller main landing gear struts is installed)

**I.3 Date of Effectivity**

03 March 2020

**I.4 Time of Compliance**

At owner's discretion.

**I.5 Subject**

Adjustment of elevator travel and replacement of the limitations placard to enable take-off mass increase to 1200 kg (2646 lb).

ATA code: 27-30.

**I.6 Reason**

To provide the elevator travel required for take-off mass increase to 1200 kg (2646 lb).

**NOTE:** the higher 1200 kg (2646 lb) take-off mass is only approved when MÄM 40-123 (OSB 40-025, 18 mm main landing gear struts, latest effective issue) or OÄM 40-283 (OSB 40-059, taller main landing gear struts, latest effective issue) are installed on the airplane.

**I.7 Concurrent Documents**

None.

**I.8 Approval**

The technical content of this document is approved as part of Design Change Advisory No. MÄM 40-227/c, which is approved as part of the type design.

**I.9 Accomplishment/Instructions**

Comply with WI-OSB 40-057, latest effective issue.

**NOTE:** contact your responsible authority for further necessary noise certificates.

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

The change in mass and CG is negligible.

**II PLANNING INFORMATION**

**II.1 Material and Availability**

See WI-OSB 40-057, latest effective issue.

**II.2 Special Tools**

See WI-OSB 40-057, latest effective issue.

**II.3 Labour Effort**

Approximately 1 hour will be required to accomplish this service bulletin.

**II.4 Credit**

None.

**II.5 Reference Documents**

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

### **III REMARKS**

1. All work must be done by a certified aircraft service 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 recorded in the logbook.
4. In case of doubt, contact Diamond Aircraft Industries.

To obtain satisfactory results, procedures specified in this service bulletin must be accomplished in accordance with accepted methods and current government regulations. Diamond Aircraft cannot be responsible for the quality of work performed in accomplishing the requirements of this service bulletin. Diamond Aircraft reserves the right to void continued warranty coverage in the area affected by this service bulletin if it is not incorporated.

If you no longer own the aircraft to which this service bulletin applies, please forward it to the current owner, and send the name of the current owner to Diamond Aircraft at the address below.

Diamond Aircraft Industries Inc.  
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**EXECUTION REPORT TO  
SERVICE BULLETIN  
OSB 40-057 REV. 3**

**AIRPLANE DATA**

Airplane Serial Number \_\_\_\_\_

Airplane Registration \_\_\_\_\_

Airplane Operator \_\_\_\_\_

Hours of Operation Airplane (TSN) \_\_\_\_\_

Typical operation of airplane private, club, training, other: \_\_\_\_\_

**MAINTENANCE DATA:**

Date of work \_\_\_\_\_

Work done by \_\_\_\_\_

\_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_

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Name \_\_\_\_\_ Signature \_\_\_\_\_

Please e-mail the completed form to [Techpubs@diamondaircraft.com](mailto:Techpubs@diamondaircraft.com)