

OPTIONAL SERVICE BULLETIN

NO. OSB-40-057/1

SUPERSEDES OSB-40-057

I TECHNICAL DETAILS

I.1 Category

Optional.

I.2 Airplanes affected

Type: DA 40

Serial Numbers: 40.201 through 40.821
provided that MÄM 40-123 or OSB 40-025, latest effective issue (18 mm main landing gear strut) or OÄM 40-283 or OSB 40-059 (taller main landing gear struts) is carried out

I.3 Date of Effectivity

19-Jul-2007.

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

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

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 18 mm main landing gear struts (MÄM 40-123 or OSB 40-025, latest effective issue) or the taller main landing gear struts (OÄM 40-283 or OSB 40-059, latest effective issue) are installed on the airplane.

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 40-227/a, 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 und the authority of DOA No. EASA.21J.052.

I.9 Accomplishment/Instructions

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

Contact your responsible authority for further necessary noise certificates.

I.10 Mass (Weight) and CG

Negligible.

II PLANNING INFORMATION**II.1 Material & Availability**

WI-OSB-40-057 is available through DAI.
Elevator stop bushing is available through DAI.
Limitation placard is available through DAI.
TR-MÄM-40-227 is available through DAI.
AMM-TR-MÄM-40-227 is available through DAI.

II.2 Special Tools

D60-5520-00-PL is available through DAI.

II.3 Labor Effort

1 hour.

II.4 Credit

None.

II.5 Reference Documents

- WI-OSB-40-057, latest effective revision.
- Doc. No. 6.02.01, DA 40 Series Airplane Maintenance Manual, latest effective revision.
- TR-MÄM-40-227, latest effective revision.
- AMM-TR-MÄM-40-227, latest effective revision.

III REMARKS

1. All measures must be carried out by a certified aircraft station or a certified aircraft mechanic.
2. Accomplishment of the measures must be confirmed in the log book.
3. In case of any doubt, contact Diamond Aircraft Industries.