

OPTIONAL SERVICE BULLETIN

NO. OSB-40-025/1

SUPERSEDES NO. OSB-40-025

OPTIONAL SERVICE BULLETIN

NO. OSB-D4-024/1

SUPERSEDES NO. OSB-D4-024

I TECHNICAL DETAILS

I.1 Category

Optional

I.2 Airplanes affected

Type: DA 40
Serial Numbers: 40.006 through 40.079, 40.081 through 40.083, 40.201 through 40.349

Type: DA 40 D
Serial Numbers: 40.080, 40.084, D4.001 through D4.089

I.3 Time of Compliance

At holders discretion.

I.4 Subject

Installation of 18 mm (0.7 in) thick main landing gear struts.

ATA-Code: 32-00, Landing Gear

I.5 Reason

The installation of the 18 mm (0.7 in) thick main landing gear struts reduces the aircraft empty mass approx. 1,5 kg (3.3 lbs) and increases of the maximum landing mass to 1150 kg (2535 lbs).

I.6 Concurrent Documents

None.

I.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. MÄM 40-123/c or later revision, which has been approved by EASA.

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

I.8 Accomplishment/Instructions

DA 40 Aircraft: Comply with WI-OSB-40-025, latest effective issue.
DA 40 D Aircraft: Comply with WI-OSB-D4-024, latest effective issue.

I.9 Mass (Weight) and CG

Perform weighing of the aircraft and update the mass and balance report in chapter 6 of the AFM.

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

All necessary parts with specific part numbers can be ordered from DAI or from your local General Distributor of Diamond Service Center. Produce all other parts locally.

II.2 Special Tools

None.

II.3 Labor Effort

Approx. 10 hours.

II.4 Credit

None.

II.5 Reference Documents

Work Instructions:

WI-OSB-40-025, latest effective issue.

WI-OSB-D4-024, latest effective issue.

AMM:

DA 40 Series Airplane Maintenance Manual, Doc. No. 6.02.01.

AFM - DA 40:

DA 40 Flughandbuch, Doc. No. 6.01.01

DA 40 Airplane Flight Manual, Doc. No. 6.01.01-E

AFM - DA 40 D:

DA 40 D Flughandbuch, Doc. No. 6.05.01

DA 40 D Airplane Flight Manual, Doc. No. 6.05.01-E

III REMARKS

In case of doubt, contact Diamond Aircraft.