

OPTIONAL SERVICE BULLETIN

NO. OSB-40-059

Taller Main Landing Gear

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 and 40.201 through 40.291 provided that OSB 40-014 has been carried out. 40.292 and subsequent provided that OÄM 40-283 (see Modification Status or AFM Section 1.1) has not already been carried out.

NOTE: This OSB is compatible with 1200 kg (2646 lb) take off mass (OSB-40-057).

I.3 Date of Effectivity

19-Jul-2007

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

Installation of Taller Main Landing Gear.

I.6 Reason

To improve ground attitude of airplanes with 15x6.00-6 main landing gear tires and aft empty weight center of gravity. Compatible with 1200 kg (2646 lb) take off mass (OSB-40-057).

I.7 Concurrent Documents

None.

I.8 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. OÄM 40-283, 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-40-059.

I.10 Mass (Weight) and CG

After carrying out this Service Bulletin a new measurement of weight and balance must be done.

II PLANNING INFORMATION

II.1 Material & Availability

Materials and WI-OSB-40-059 are available through DAI.

II.2 Special Tools

None.

II.3 Labor Effort

4 hours.

II.4 Credit

None.

II.5 Reference Documents

- WI-OSB-40-059, latest effective revision
- Doc. No. 6.02.01, DA 40 Series Airplane Maintenance Manual, latest effective revision.
- TR-OÄM-40-283, latest effective revision.
- AMM-TR-OÄM-40-283, 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.