

**OPTIONAL SERVICE BULLETIN
NO. OSB 40-021/1
NO. OSB F4-003**

**SUPERSEDES OPTIONAL SERVICE BULLETIN
NO. OSB 40-021**

I. TECHNICAL DETAILS

1.1 Category

Optional.

1.2 Airplanes affected

DA 40 Series	all serial numbers.
DA 40 F	40.F001 and subsequent, and 40.FC001 and subsequent

1.3 Date of Effectivity

The initial issue of the Service Bulletin became effective on: 15-Jul-2003.
The revisions of the Service Bulletin do not change the effectivity date.

1.4 Time of Compliance

At owner's discretion.

1.5 Subject

CG adjustment.

ATA-Code: 53-00, fuselage

1.6 Reason

The installation of up to 5 kg of ballast into the fin for adjustment of the empty mass center of gravity.

1.7 Concurrent documents

none

1.8 Approval

The information or instructions contained in this document relate to the Design Change Advisory no. MÄM 40-103 which has been approved under the authority of EASA Design Organization Approval No. EASA.21J.025.

The technical information contained in this document has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.052.

1.9 Measures

Work Instruction No.WI-OSB40-021 or WI-OSBF4-003, latest effective revision, must be complied with.

1.10 Mass (Weight) and CG

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

II. PLANNING INFORMATION

2.1 Material & Availability

All necessary parts with specific part numbers can be ordered from Diamond Aircraft Industries GmbH or from your local General Distributor or Diamond Service Center. All other parts shall be procured locally.

2.2 Special Tools

No special tools are required.

2.3 Labor effort

Appr. 1 hour.

2.4 Credit

None.

2.5 Reference documents

Work Instruction Nos. WI-OSB 40-021, WI-OSB F4-003 and 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 the manufacturer, a certified aircraft service station or a certified aircraft maintenance mechanic.
2. Accomplishment of the measures must be confirmed in the log book.
3. In case of doubt, contact Diamond Aircraft.