

**OPTIONAL SERVICE BULLETIN**  
**OSB 40-021/2**  
**OSB D4-091**  
**OSB F4-003/1**  
**OSB 40NG-017**  
supersedes OSB 40-021/1 and OSB F4-003

## **I TECHNICAL DETAILS**

### **I.1 Category**

Optional.

### **I.2 Airplanes affected**

Type: DA 40, DA 40 D, DA 40 F, DA 40 NG  
Serial numbers: 40.005 and subsequent  
D4.001 and subsequent  
40.DS001 and subsequent  
40.F001 and subsequent  
40.FC001 and subsequent  
40.N001 and subsequent

### **I.3 Date of effectivity**

15-Jul-2003

### **I.4 Time of Compliance**

At owner's discretion

### **I.5 Subject**

CG adjustment.

ATA-Code: 53-00

### **I.6 Reason**

The installation of up to 7.5 kg of ballast in the fin for adjustment of the empty mass center of gravity.

### **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 40-103 and MÄM 40-606, which have been approved under the authority of EASA Design Organization Approval ref. EASA.21J.052.

The technical content of this document has been approved under the authority of DOA ref. EASA.21J.052.

### **I.9 Accomplishments / Instructions**

Comply with WI-OSB 40-021 / WI-OSB D4-091 / WI-OSB F4-003 / WI-OSB 40NG-017, latest effective issue.

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

Mass and balance must be redetermined.

## **II PLANNING INFORMATION**

### **II.1 Material and Availability**

See WI-OSB 40-021 / WI-OSB D4-091 / WI-OSB F4-003 / WI-OSB 40NG-017, latest effective issue.

### **II.2 Special Tools**

None.

### **II.3 Labour Effort**

Approx. 1 hour.

### **II.4 Credit**

None.

### **II.5 Reference Documents**

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

DA 40 NG Airplane Maintenance Manual, Doc. No. 6.02.15, 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, particular those that are 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 log book.
4. In case of doubt contact Diamond Aircraft Industries GmbH.



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Austria

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**EXECUTION REPORT TO  
SERVICE BULLETIN  
OSB 40-021/2  
OSB D4-091  
OSB F4-003/1  
OSB 40NG-017**

AIRPLANE DATA

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

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

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

Hours of operation of airplane \_\_\_\_\_

No. of landings \_\_\_\_\_

Hours of operation-engine \_\_\_\_\_

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

\_\_\_\_\_  
Date, Name, Sign

Please fax the completed form to Fax No. +43-2622-26700-1369 or e-mail to  
airworthiness@diamond-air.at