

# OPTIONAL SERVICE BULLETIN

## OSB 42NG-012/4

supersedes OSB 42NG-012/3

### **I TECHNICAL DETAILS**

#### **I.1 Category**

Optional.

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

Type: DA 42 NG, DA 42 M-NG  
Serial numbers: 42.N001 and subsequent  
42.NC001 and subsequent  
42.NW002 and subsequent  
DA 42 Aircraft converted to DA 42 NG via OSB 42-068  
42.MN001 and subsequent  
DA 42 M Aircraft converted to DA 42 M-NG via OSB 42-081

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

14-Apr-2010

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

At owner's discretion.

#### **I.5 Subject**

Installation of an optional trim weight in lower vertical fin.

ATA-Code: 53-10

#### **I.6 Reason**

By installing an optional trim weight in the lower vertical fin it is possible to shift the center of gravity rearward.

#### **I.7 Concurrent Documents**

None.

## **I.8 Approval**

The technical information or instructions contained in this document relate to the Design Change Advisories No. OÄM 42-169, OÄM 42-170, OÄM 42-191/e, OÄM 42-208 and OÄM 42-231/c, 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 42NG-012, latest effective issue.

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

Mass and Center of gravity must be determined.

See WI-OSB 42NG-012, latest effective issue.

# **II PLANNING INFORMATION**

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

See WI-OSB 42NG-012, latest effective issue.

## **II.2 Special Tools**

None.

## **II.3 Labor Effort**

Approx. 1 hour.

Approx. 2 hours, if there is no opening in the fin.

## **II.4 Credit**

None.

## **II.5 Reference Documents**

DA 42 NG Airplane Maintenance Manual, Doc. No. 7.02.15, latest effective issue.

### **III REMARKS**

- a) The work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
- b) All work, in particular that which is not especially described in this work instruction, must be done in accordance with the referenced maintenance manual.
- c) In case of doubt, contact Diamond Aircraft Industries GmbH.

**EXECUTION REPORT TO  
SERVICE BULLETIN  
OSB 42NG-012/4**

## AIRPLANE DATA

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

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

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

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

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

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

RH \_\_\_\_\_

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

Mass of installed trim weight: \_\_\_\_\_

\_\_\_\_\_  
Date, Name, SignPlease e-mail the completed form to [airworthiness@diamond-air.at](mailto:airworthiness@diamond-air.at)