

# OPTIONAL SERVICE BULLETIN

## OSB 40-072 / OSB D4-086 / OSB F4-026

### I **TECHNICAL DETAILS**

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

Optional.

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

Type: DA 40, DA 40 D, DA 40 F  
Serial numbers: 40.006 through 40.1119,  
D4.001 through D4.399,  
40.DS001 through 40.DS060,  
40.FC001 through 40.FC029

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

14-Nov-2011

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

At owner's discretion.

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

Installation of a reinforced nose wheel fork.

ATA-Code: 32-20

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

For airplanes used for excessive initial training a reinforced nose wheel fork has been developed to withstand increased loads from frequent rough landings. The new nose wheel fork is now available for retrofit especially for airplanes in training environments. This Service Bulletin describes the replacement of the nose wheel fork and the modification of the fairing.

#### 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 40-516, which has 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 40-072 / WI-OSB D4-086 / WI-OSB F4-026, latest effective issue.

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

The change in mass and CG is negligible.

# **II PLANNING INFORMATION**

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

See WI-OSB 40-072 / WI-OSB D4-086 / WI-OSB F4-026, latest effective issue.

## **II.2 Special Tools**

None.

## **II.3 Labour Effort**

Approx. 2 hours.

## **II.4 Credit**

None.

## **II.5 Reference Documents**

Diamond Aircraft 40 Series Airplane Maintenance Manual, Doc. No. 6.02.01, 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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## EXECUTION REPORT TO SERVICE BULLETIN OSB 40-072 / OSB D4-086 / OSB F4-026

### 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