

## OPTIONAL SERVICE BULLETIN

### NO. OSB-D4-068

#### **I TECHNICAL DETAILS**

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

Optional

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

Type: DA 40 D

Serial Numbers: All

##### **I.3 Date of Effectivity**

26-May-2009

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

On holders discretion.

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

Installation of an alternative main battery.

ATA-Code: 24-34

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

The main battery Gill G-35 can be replaced with the battery Concorde CB-35AXC in order to increase the electric capacity.

**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 40-272, 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 under the authority of DOA No. EASA.21J.052.

**I.9 Accomplishment/Instructions**

1. Remove / install the main Battery in accordance with Airplane Maintenance Manual DA 40 Doc. No. 6.02.01 latest effective issue, Chapter 24-34
2. Clean working area and check for foreign objects.
3. Perform functional check of electric systems.
4. Make necessary entries into aircraft logs.
5. Implement AFM TR-OÄM-40-272 into the Airplane Flight Manual Doc. No. 6.01.05-E or Doc. No. 6.01.05, if necessary.

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

Due to different masses of approved main batteries the new mass has to be considered in the weight and balance report:

Lever arm	...	1,3 m / 51,2 in
Battery Gill G-35	...	12,25 kg / 27 lbs
Battery Concorde CB-35AXC	...	14,8 kg / 32,5 lbs

## **II PLANNING INFORMATION**

### **II.1 Material & Availability**

Battery Concorde CB-35AXC

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

None.

### **II.3 Labor Effort**

<1 hour.

### **II.4 Credit**

None.

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

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

## **III REMARKS**

- 1) All measures must be carried out by a certified aircraft maintenance station or a certified aircraft maintenance mechanic.
- 2) All works, particular those that are not especially described in this service bulletin, must be carried out in accordance with the referenced maintenance manual.
- 3) Accomplishment of the measures must be confirmed in the log book.
- 4) In case of any doubt, contact Diamond Aircraft Industries GmbH.



## EXECUTION REPORT TO SERVICE BULLETIN OSB D4-068

### 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 \_\_\_\_\_

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Date, Name, Sign

Please fax the completed form to Fax No. +43-2622-26700-369 or e-mail to  
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