

OPTIONAL SERVICE BULLETIN

OSB D4-068/1

SUPERSEDES 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

03-Oct-2014

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 or RG-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 Advisories No. OÄM 40-272 and OÄM 40-384, 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 Accomplishment/Instructions

1. Replace the main Battery in accordance with AMM Section 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. Insert TR-OÄM-40-272 or TR-OÄM-40-384 into the Airplane Flight Manual or use a revision into which these temporary Revisions have been incorporated.

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
Battery Concorde RG-35AXC	...	14,5 kg / 32,0 lbs

II PLANNING INFORMATION

II.1 Material & Availability

Battery Concorde CB-35AXC or RG-35AXC

II.2 Special Tools

None.

II.3 Labor 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.

III REMARKS

- 1) All work must be done by a certified aircraft maintenance station or a certified aircraft maintenance mechanic.
- 2) All work, particular that which is 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.

EXECUTION REPORT TO
SERVICE BULLETIN OSB D4-068/1

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