

OPTIONAL SERVICE BULLETIN

OSB 42-023/1

OSB 42NG-032

supersedes OSB 42-023

I TECHNICAL DETAILS

I.1 Category

Optional

I.2 Airplanes Affected

Type: DA 42, DA 42 M, DA 42 NG, DA 42 M-NG
Serial Numbers: all S/N

I.3 Date of Effectivity

25-Jul-2006

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

Optional retrofit installation of an oxygen system.

I.6 Reason

Diamond Aircraft Industries has finalized the design of a continuous flow oxygen system for each pilot and passenger up to 18,000 ft. In order to benefit from this enhancement, compliance with this Service Bulletin is required. For the time being this can solely be carried out by Diamond Aircraft Industries.

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 42-055/j, 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 und the authority of DOA No. EASA.21J.052.

I.9 Accomplishment/Instructions

Comply with WI-OSB 42-023 / WI-OSB 42NG-032, latest effective revision.

I.10 Mass (Weight) and CG

Update the Weight and Balance report of the aircraft in accordance with WI-OSB 42-023 / WI-OSB 42NG-032, latest effective revision.

II PLANNING INFORMATION**II.1 Material & Availability**

Material see WI-OSB 42-023 / WI-OSB 42NG-032, latest effective issue.

II.2 Special Tools

See WI-OSB 42-023 / WI-OSB 42NG-032, latest effective issue.

II.3 Labor effort

Approx. 48 man-hours

II.4 Credit

None.

II.5 Reference Documents

DA 42 Series Airplane Maintenance Manual Doc. No. 7.02.01, latest effective issue.
DA 42 NG Airplane Maintenance Manual Doc. No. 7.02.15, latest effective issue.

III REMARKS

1. This Service Bulletin may ONLY be done by Diamond Aircraft Industries.
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 42-023/1
OSB 42NG-032**

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