

OPTIONAL SERVICE BULLETIN

NO. OSB-42-023

I TECHNICAL DETAILS

I.1 Category

Optional

I.2 Airplanes Affected

Type: DA 42

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/a, 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, 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, latest effective revision.

II PLANNING INFORMATION

II.1 Material & Availability

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

II.2 Special Tools

See WI-OSB-42-023, latest effective issue.

II.3 Labor effort

Approx. 48 man-hours

II.4 Credit

None.

II.5 Reference Documents

DA 42 Airplane Maintenance Manual Doc. No. 7.02.01, latest effective issue.
WI-OSB-42-023, latest effective issue.

III REMARKS

- 1) This Service Bulletin may ONLY be carried out by Diamond Aircraft Industries.
- 2) Accomplishment of the measures must be confirmed in the log book.
- 3) In case of doubt, contact Diamond Aircraft.

APPLICATION TO OBTAIN THE WORK INSTRUCTION
for OSB 42-023

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 _____

Date, Name, SignPlease fax the completed form to Fax No. **43-2622-26700-369 or e-mail to
airworthiness@diamond-air.at