

OPTIONAL SERVICE BULLETIN

NO. OSB-42-020

I TECHNICAL DETAILS

I.1 Category

Optional

I.2 Airplanes affected

Type: DA 42

Serial Numbers: 42.007 through 42.048, 42.050 through 42.053, 42.055, 42.056, 42.058, 42.059, 42.061 through 42.064, 42.066 through 42.088, 42.090 through 42.094, 42.107 through 42.113 42.AC001

I.3 Date of Effectivity

21-June-2006

I.4 Time of Compliance

At owners discretion.

I.5 Subject

Modification to the heating system to improve the DA 42's heating.

I.6 Reason

Continuous improvement of the DA 42 led to a more powerful heating system on later S/N. With this SB it is possible to improve the aircraft's heating system on aircraft already in service.

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 42-093, OÄM 42-097 and MÄM 42-173, which have 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

WI-OSB-42-020 latest effective issue must be complied with.

I.10 Mass (Weight) and CG

The effect on Mass (Weight) and CG is negligible.

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

See WI-OSB-42-020 latest effective issue.
Order WI including parts via the local Diamond Aircraft general distributor or Diamond Aircraft service center.

II.2 Special Tools

None.

II.3 Labor effort:

Approx. 12 hours.

II.4 Credit

Parts credit and a labor credit of 12 hours.
For credit all work must be completed and a warranty application submitted not later than 30-Jun-2007.

II.5 Reference Documents

None.

III REMARKS

- 1) All measures must be carried out by a certified aircraft station or a certified aircraft mechanic.
- 2) Warranty applications and the work report must be sent via the local Diamond Aircraft general distributor or Diamond Aircraft service center.
- 3) In case of doubt, contact Diamond Aircraft.

APPLICATION TO OBTAIN WI-OSB-42-020**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 _____

MAINTENANCE ORGANIZATION DATA:Maintenance organization / maintenance mechanic which/who is
going to carry out the work instruction:_____

Contact information: _____

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