

# 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