

OPTIONAL SERVICE BULLETIN

NO. OSB-42-056

I TECHNICAL DETAILS

I.1 Category

Optional

I.2 Airplanes Affected

Type: DA 42

Serial Numbers: 42.005, 42.008, 42.157, 42.177, 42.191, 42.234, 42.247,
42.255, 42.262, 42.272, 42.282, 42.286, 42.293, 42.304,
42.319, 42.328

I.3 Time of Compliance

At owners discretion

I.4 Subject

Conversion of a standard DA 42 to a DA 42 M

I.5 Reason

Diamond Aircraft Industries produced airplanes which are already equipped with all provisions, necessary for a conversion to the DA 42 M. These airplanes were produced under the DA 42 type certificate and reference the DA 42 type certificate number on their type plates. In order to convert the affected airplanes to DA 42 M and take benefit of the provisions for mission equipment, the type plate and the affected manuals must be replaced by complying with this Service Bulletin.

I.6 Concurrent Documents

None.

I.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. VÄM 42-002, which has been approved by EASA.

The technical content of this document has been approved und the authority of DOA No. EASA.21J.052.

I.8 Accomplishment/Instructions

The following steps must be carried out on each airplane:

All works, particular those that are not especially described in this instruction, must be carried out in accordance with the referenced maintenance manual.

- 1) Remove the type plate and return it to Diamond Aircraft Ind. Office of Airworthiness.

Address: Diamond Aircraft Industries GmbH
Attn. Office of Airworthiness
N. A. Otto-Straße 5
A-2700 Wiener Neustadt
Austria

NOTE: Enclose address, where the new type plates needs to be sent to.

- 2) Upon receipt install the new type plate P/N.: D62-5300-00-05 with blind rivets DIN7337-3,2x9,7.
- 3) Clean working areas, check for foreign objects.
- 4) Check all altered, replaced, repaired parts for proper function.
- 5) Test all systems in working area for function.
- 6) Remove Supplement S05 to the AFM Doc. No. 7.01.05-E from the AFM.
- 7) Insert Supplement M00 to the AFM Doc. No. 7.01.05-E into the AFM.
- 8) Remove AMM-TR-OÄM-42-074 from the AMM Doc. No. 7.02.01.
- 9) Insert AMM-TR-VÄM-42-002 in the AMM Doc. No. 7.02.01.
- 10) Make all necessary entries in the airplane logs.

I.9 Mass (Weight) and CG

No Change to mass and balance.

II PLANNING INFORMATION

II.1 Material & Availability

Type plate according to D62-5300-00-05 with the corresponding serial number

NOTE: The above mentioned type plate is only available, if the Diamond Aircraft Ind. Office of Airworthiness has received the type plate originally installed on the airplane.

AFM Supplement 7.01.05-E-M00
4 DIN7337-3,2x9,7
AMM-TR-VÄM-42-002

All available through Diamond Aircraft.

II.2 Special Tools

None.

II.3 Labor Effort

Approx. 30 Minutes.

II.4 Credit

None.

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 any doubt, contact Diamond Aircraft Industries.

EXECUTION REPORT
for OSB 42-056

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