

OPTIONAL SERVICE BULLETIN

OSB 42-082

OSB 42NG-011

I **TECHNICAL DETAILS**

I.1 **Category**

Optional.

I.2 **Airplanes affected**

Type: DA 42 M (restricted TC)
DA 42 M-NG (restricted TC)

Serial numbers: 42.M001 and subsequent
DA 42 aircraft converted to DA 42 M via OSB 42-056
42.MN001 and subsequent

I.3 **Date of effectivity**

17-Mar-2010

I.4 **Time of Compliance**

At owner's discretion.

I.5 **Subject**

Changing DA 42 M / DA 42 M-NG aircraft from restricted to normal type certificate.

I.6 **Reason**

The Diamond Aircraft Industries DA 42 M and DA 42 M-NG in its standard configuration are listed on the EASA standard type certificate (EASA.A.005) and on EASA restricted type certificate (EASA.A.513). This Service Bulletin describes the conversion of a restricted TC DA 42 M / DA 42 M-NG into a standard TC DA 42 M / DA 42 M-NG.

I.7 **Concurrent Documents**

None.

I.8 Approval

The technical information or instructions contained in this document relate to the Design Change Advisories No. VÄM 42-002, VÄM 42-004, VÄM 42-005, MÄM 42-313, MÄM 42-316 through MÄM 42-318, MÄM 42-322, MÄM 42-325, MÄM 42-356, MÄM 42-366, which have been approved by EASA or under the authority of DOA ref. EASA.21J.052.

The technical content of this document has been approved under the authority of DOA ref. EASA.21J.052.

I.9 Accomplishments / Instructions

Comply with Work Instruction WI-OSB 42-082 / WI-OSB 42NG-011, latest effective issue.

I.10 Mass (Weight) and CG

Update of Weighing Report may be required.

II PLANNING INFORMATION

II.1 Material and Availability

See WI-OSB 42-082 / WI-OSB 42NG-011, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

Depends on actual aircraft configuration.

II.4 Credit

None.

II.5 Reference Documents

WI-OSB 42-082/ WI-OSB 42NG-011, latest effective issue.

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

III REMARKS

- a) This Service Bulletin only covers the conversion of a restricted TC aircraft into a standard TC aircraft in the basic DA 42 M / DA 42 M-NG configuration. A change to the standard TC EASA.A.005 is only possible, if the airplane and its installed equipment fulfill the requirements for a standard TC Certificate of Airworthiness. The aircraft must be brought into that basic TC configuration prior conversion. Advice from the approval holders of supplemental / mission equipment may be necessary. If external containers or mission equipment certified according to restricted TC EASA.A.513 are installed, the airplane must be operated under the restricted TC.
- b) When changing TC it may be required to reissue the aircraft documents prior to first flight after complying with this Service Bulletin. Contact the authority of the state of registry regarding the relevant national procedures.
- c) The work must be carried out by a certified aircraft service station or a certified aircraft maintenance mechanic.
- d) All works, particular those that are not especially described in this work instruction, must be carried out in accordance with the referenced maintenance manual.
- e) Accomplishment of the measures must be confirmed in the log book.
- f) In case of doubt, contact Diamond Aircraft Industries GmbH.

APPLICATION FOR A NEW TYPE PLATE
OSB 42-082
OSB 42NG-011

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, Sign

Please send the completed form together with the old type plate by registered mail to

Diamond Aircraft Industries GmbH
Office of Airworthiness
N. A. Otto-Strasse 5
A-2700 Wiener Neustadt
Austria