

OPTIONAL SERVICE BULLETIN

OSB 42-084/7

SUPERSEDES OSB 42-084/6

I TECHNICAL DETAILS

I.1 Category

Optional.

I.2 Airplanes affected

Type: DA 42, DA 42 M

Serial numbers: 42.182, 42.191, 42.199, 42.221, 42.234, 42.262, 42.319, 42.328,
42.334, 42.354, 42.356, 42.412, 42.M001 and 42.M016
provided that MÄM 42-088 or OSB 42-014 have been installed

I.3 Date of effectivity

18-Aug-2010

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

Increase of Maximum Zero Fuel Mass.

ATA-Code: 57-00

I.6 Reason

To provide greater flexibility in loading and operation of DA 42 / DA 42 M airplanes the Maximum Zero Fuel Mass may be increased by limiting the structural temperature to 1674 kg (3690 lb) and in combination with OSB 42-086 to 1730 kg (3814 lb).

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 42-188, which has been approved by EASA.

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

I.9 Accomplishments / Instructions

Comply with WI-OSB 42-084, latest effective issue.

Note: To reduce the increase of the structural temperature by solar radiation it is recommended to install a striped safety walk (OSB 42-071 or OSB 42-079).

I.10 Mass (Weight) and CG

Not affected.

II PLANNING INFORMATION

II.1 Material and Availability

See WI-OSB 42-084, latest effective issue.

Materials including drawings are available from Diamond Aircraft Industries.

II.2 Special Tools

None.

II.3 Labour Effort

Approx. 2 hour.

Aircraft on ground min. 8 hours

II.4 Credit

None.

II.5 Reference Documents

DA 42 Series Airplane Maintenance Manual, Doc. No. 7.02.01, latest effective issue.

III REMARKS

1. All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All work, in particular that which is not especially described in this Service Bulletin, must be done in accordance with the referenced Maintenance Manual.
3. Completion of all work must be recorded in the log book.
4. In case of doubt contact Diamond Aircraft Industries GmbH.



Diamond Aircraft Industries GmbH
N. A. Otto-Straße 5
A-2700 Wiener Neustadt
Austria

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EXECUTION REPORT TO SERVICE BULLETIN OSB 42-084/7

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 fax the completed form to Fax No. +43-2622-26700-1369 or e-mail to
airworthiness@diamond-air.at