

OPTIONAL SERVICE BULLETIN

NO. OSB 42NG-013

I TECHNICAL DETAILS

I.1 Category

Optional.

I.2 Airplanes affected

Type: DA 42 NG, DA 42 M-NG
Serial Numbers: 42.N001 through 42.N011, 42.N018
42.MN001 through 42.MN006
Aircraft converted to DA 42 NG via OSB 42-068 using
Material Kit WI-OSB 42-068 App. A up to Revision 3

I.3 Date of Effectivity

05-May-2010

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

Replacement or rework of upper cowling.

ATA-Code: 71-10

I.6 Reason

For the DA 42 NG Series a cowling with improved cooling performance has been developed. This Service Bulletin approves the retrofit installation on aircraft delivered prior to introduction of the new cowling. For aircraft already equipped with the new cowling the installation of a grid for improved appearance is described.

I.7 Concurrent Documents

None.

I.8 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. MÄM 42-389 and MÄM 42-399, which have been approved under the authority of EASA Design Organization Approval ref. EASA.21J.052.

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

I.9 Accomplishment/Instructions

Comply with Work Instruction WI-OSB 42NG-013, latest effective issue.

I.10 Mass (Weight) and CG

The change in mass and CG is negligible.

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

See WI-OSB 42NG-013, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

6 hours, if MÄM 42-389 is not installed.

2 hours if MÄM 42-289 is installed.

II.4 Credit

None.

II.5 Reference Documents

WI-OSB 42NG-013, latest effective issue.

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

III REMARKS

1. All measures must be carried out by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All works, particular those that are not especially described in this Service Bulletin, must be carried out in accordance with the referenced Maintenance Manual.
3. Accomplishment of the measures must be confirmed in the log book.
4. In case of doubt contact Diamond Aircraft Industries GmbH.



EXECUTION REPORT TO SERVICE BULLETIN OSB 42NG-013

AIRPLANE DATA

Airplane Serial Number: _____
Airplane Registration: _____
Airplane Operator: _____
Hours of operation of airplane: _____
No. of landings: _____
Hours of operation-engine _____
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