

OPTIONAL SERVICE BULLETIN

OSB 42NG-025

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.N008, 42.N010 through 42.N014,
42.N018 through 42.N021, 42.N025, 42.N026, 42.N028,
42.N031, 42.N035,
42.MN001 through 42.MN005, 42.MN007 through 42.MN009,
airplanes converted to DA 42 NG or DA 42 M-NG using
WI-OSB 42-068 up to and including revision 8

I.3 Date of effectivity

06-Sep-2011

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

Installation of a heating inlet scoop.

ATA-Code: 21-40

I.6 Reason

Diamond Aircraft has developed a scoop for the heating air inlet to increase the mass flow of warm air in the heating system. With the new inlet scoop the cabin comfort especially during operation in cold environment is increased. This service bulletin makes this improvement available to airplanes 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 Advisory No. MÄM 42-479, which has 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 Accomplishments / Instructions

Comply with WI-OSB 42NG-025, latest effective issue.

I.10 Mass (Weight) and CG

The change in mass and CG is negligible.

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

See WI-OSB 42NG-025, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

Approx. 1 hours.

II.4 Credit

None.

II.5 Reference Documents

Diamond Aircraft DA 42 NG Airplane Maintenance Manual, Doc. No. 7.02.15, 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, particular those that are 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.

**EXECUTION REPORT TO
SERVICE BULLETIN
OSB 42NG-025**

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. +43-2622-26700-1369 or e-mail to
airworthiness@diamond-air.at