

OPTIONAL SERVICE BULLETIN

OSB 42NG-041

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.N025,
42.N027 through 42.N030,
42.N035, 42.N038,
42.MN001 through 42.MN005
42.MN007, 42.MN008
42.MN010 through 42.MN012

Airplanes converted to DA 42 NG or DA 42 M-NG using
WI-OSB 42-068 up to Rev. 8

I.3 Date of effectivity

26-Sep-2014

I.4 Time of Compliance

At owner's discretion

I.5 Subject

Installation of check valves at the fuel pumps.

ATA-Code: 28-20

I.6 Reason

Check valves at the fuel pumps have been introduced to prevent fuel flowing back through the fuel pump not operating. This results in a smoother fuel flow during operation with one electric fuel pump running. This Service Bulletin describes the installation on airplanes already in service.

Note The installation of check valves at the fuel pumps is a prerequisite for operation with Diesel fuel.

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 42-480, 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

See WI-OSB 42NG-041, 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-041, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

Approx. 4 hours.

II.4 Credit

None.

II.5 Reference Documents

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 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.

EXECUTION REPORT TO SERVICE BULLETIN OSB 42NG-041

AIRPLANE INFORMATION

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