

OPTIONAL SERVICE BULLETIN

OSB 42NG-019/1

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.N030, 42.N035

42.MN001 through 42.MN012

Aircraft converted to DA 42 NG or DA 42 M-NG with
WI-OSB 42-068 up to Revision 8

I.3 Date of effectivity

24-May-2011

I.4 Time of Compliance

At owners' discretion.

I.5 Subject

Installation of a fuel pressure pulsation damper.

ATA-Code: 28-20

I.6 Reason

For the DA 42 NG Series a fuel pressure pulsation damper upstream of the high pressure pump has been introduced to remove EECU cautions due to fuel pressure oscillations at the high pressure fuel pump. This Service Bulletin describes the retrofit installation on 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 42-471, MÄM 42-501 and MÄM 42-521, 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 Accomplishments / Instructions

Comply with WI-OSB 42NG-019, 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-019, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

3 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 works must be done 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 done in accordance with the referenced Maintenance Manual.
3. Completion of all works must be confirmed in the log book.
4. In case of doubt contact Diamond Aircraft Industries GmbH.



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EXECUTION REPORT TO SERVICE BULLETIN OSB 42NG-019/1

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