

# OPTIONAL SERVICE BULLETIN

## OSB 42NG-083

### **I TECHNICAL DETAILS**

#### **I.1 Category**

Optional.

#### **I.2 Airplanes affected**

Type: DA 42 NG, DA 42 M-NG  
Serial numbers: 42.N320, 42.N334 through 42.N349,  
42.MN043 through 42.MN049, 42.MN056,  
42NW009 through 42.NW018, 42NW029 through 42.NW031

#### **I.3 Date of effectivity**

31-Aug-2020

#### **I.4 Time of Compliance**

At owner's discretion.

#### **I.5 Subject**

Upgrade to the G1000 NXi Phase II for aircraft equipped with G1000 NXi Phase I equipment.

ATA-Code: 31-00

#### **I.6 Reason**

The G1000 NXi Phase II has been approved for installation on DA 42 NG / DA 42 M-NG aircraft. The upgrade to the most current Garmin hardware provides a solid platform for continued innovation and future growth of the system. This service bulletin describes the installation, setup, and testing of the equipment and installation for aircraft already equipped with the G1000 NXi Phase I equipment (MÄM 42-978).

#### **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 42-1072, which has been approved under the authority of the DOA ref. EASA.21J.052.

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

**I.9 Accomplishments / Instructions**

See WI-OSB 42NG-083, latest effective issue.

**I.10 Mass (Weight) and CG**

Mass (Weight) and CG not affected.

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

See WI-OSB 42NG-083, latest effective issue.

**II.2 Special Tools**

See WI-OSB 42NG-083, latest effective issue.

**II.3 Labour Effort**

Approx. 20 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, 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.

## EXECUTION REPORT TO SERVICE BULLETIN OSB 42NG-083

### 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, SignPlease send the completed form to [executionreports@diamondaircraft.com](mailto:executionreports@diamondaircraft.com)