

# OPTIONAL SERVICE BULLETIN

## OSB 42NG-036/2

### SUPERSEDES OSB 42NG-036/1

## **I TECHNICAL DETAILS**

### **I.1 Category**

Optional.

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

Type: DA 42 NG  
Serial numbers: 42.N100 through 42.N109

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

06-May-2013

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

At owner's discretion

### **I.5 Subject**

Replacement of Exhaust Tube.  
ATA-Code: 78-00

### **I.6 Reason**

An improved exhaust tube has been introduced in production. This Service Bulletin lists all work necessary for the installation of the new exhaust tube on airplanes in service.

Note Installing this Service Bulletin does not affect the approved noise level.

### **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 42-654, 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**

- Remove the LH and RH engine cowlings i.a.w. AMM Section 71-10.
- Remove LH and RH exhaust system.
- Install LH and RH exhaust system P/N D64-7806-12-00\_1 i.a.w. drawing D64-7806-00-00\_2.
- Install the LH and RH engine cowlings i.a.w. AMM Section 71-10.
- Insert TR-MÄM-42-654 into the AFM and update equipment list.

Note Installing this Service Bulletin does not affect the approved noise level.

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

No Change.

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

Quantity	Part Number	Description
2	D64-7806-12-00_1	Exhaust System Assy
8	2142110	Hex Nut with Flange M10
2	E4A-04-000-003	Exhaust Gasket
2	D64-7806-10-06_1	Exhaust Support Bracket
2	T18580	Rubber-Metal Buffer Type B
2	ISO 4017 – M8x10 – A2 or DIN 933 - M8x10 – A2	Screw, Hex Head
2	DIN 934 – M8 – A2	Hexagon Nut
4	NL8SPSS	Nordlock Washer

Materials including drawings are available from Diamond Aircraft Industries.

**II.2 Special Tools**

None.

**II.3 Drawings**

D64-7806-00\_00\_2

**II.4 Labour Effort**

Approx. 3 hours.

**II.5 Credit**

None.

**II.6 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 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-036/2**

## 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