

# OPTIONAL SERVICE BULLETIN

## OSB 42-015/6

### SUPERSEDES OSB 42-015/5

#### **I TECHNICAL DETAILS**

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

Optional

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

Type: DA 42, DA 42 M

Serial Numbers: 42.010 and subsequent  
42.AC001 and subsequent  
42.M001 and subsequent

##### **I.3 Time of Compliance**

At holder's discretion

##### **I.4 Subject**

Installation of ice protection system for operation under known or forecast icing conditions.

ATA-Code: 30-00

##### **I.5 Reason**

Diamond Aircraft Industries has finalized the design of an ice protection system and the investigation for flight into known or forecast icing conditions, for which approval is now granted. In order to benefit from this enhancement, compliance with this Service Bulletin is required. Due to the complexity of the modification this Service Bulletin may solely be carried out by the organizations listed in Chapter III of this Service Bulletin.

##### **I.6 Concurrent Documents**

None

##### **I.7 Approval**

The technical information or instructions contained in this document relate to the Design Change Advisory No. OÄM 42-054, which has been approved by EASA.

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

### **I.8 Accomplishment/Instructions**

Comply with Work Instruction WI-OSB 42-015 latest effective issue.

Install debris protection according to OSB 42-001 (also addressed in WI-OSB 42-015 latest effective issue)

Contact your responsible Authority for further necessary approvals for flights into known or forecast icing.

### **I.9 Mass (Weight) and CG**

Mass (Weight) and CG affected.

## **II PLANNING INFORMATION**

### **II.1 Material & Availability**

See WI-OSB-40-015 latest effective issue.

### **II.2 Special Tools**

Required, see WI-OSB-40-015 latest effective issue.

### **II.3 Credit**

None

### **II.4 Reference Documents**

DA 42 Airplane Maintenance Manual Doc. No. 7.02.01  
See WI-OSB-42-015 latest effective issue.

## **III REMARKS**

- 1) This Service Bulletin covers the installation of the ice protection system for certification for flight into known or forecast icing (OÄM 42-054) as well as the upgrade of already installed ice protection systems NOT certified for flight into known or forecast icing (OÄM 42-053) to certified for flight into known or forecast icing status (OÄM 42-054). The current status of the installation is indicated in AFM, revision 4 or later, Chapter 1.1.
- 2) This Service Bulletin enables flight into known or forecast icing for basic aircraft with serial numbers 42.M001 and subsequent. Restrictions by any container installation according to the AFM Supplements, latest revisions, remain applicable.

- 3) Accomplishment of the measures must be confirmed in the log book.
- 4) This Service Bulletin may **ONLY** be carried out by the following approved maintenance organizations:

**If OÄM 42-053 has NOT previously been carried out:**

Diamond Aircraft Industries GmbH  
Nikolaus-August-Otto Straße 5  
2700 Wiener Neustadt  
Austria

**If OÄM 42-053 HAS ALREADY been carried out:**

Diamond Aircraft Industries GmbH  
Nikolaus-August-Otto Straße 5  
2700 Wiener Neustadt  
Austria

Diamond Aircraft Industries Inc.  
AMO 161-93  
1560 Crumlin Road  
London Ontario Canada, N5V 1S2

A & M Maintenance Services, Inc.  
130 S. Clow International Pkwy,  
Bolingbrook IL 60490  
U.S.A.

Galvin Flying Service, Inc.  
7149 Perimeter Road  
Seattle WA 98108  
U.S.A.

Premier Aircraft Service, Inc.  
5544 NW 23rd Ave., Hangar 14  
Ft. Lauderdale Executive Airport  
Ft. Lauderdale FL 33309  
U.S.A

West Coast Charters, Inc.  
2881 East Spring St.  
Long Beach Airport  
Long Beach CA 90806  
U.S.A.

Klarenbach Aviation Ltd.  
5424 -11th St. NE  
Calgary AB T2E 7E9  
Canada

- 5) In case of doubt, contact Diamond Aircraft.

## EXECUTION REPORT TO SERVICE BULLETIN OSB 42-015/6

### AIRPLANE INFORMATION

Airplane Serial Number \_\_\_\_\_

Airplane Registration \_\_\_\_\_

Airplane Operator \_\_\_\_\_

Hours of operation of airplane \_\_\_\_\_

No. of landings \_\_\_\_\_

Hours of operation – engine LH \_\_\_\_\_

Hours of operation – engine RH \_\_\_\_\_

Typical operation of airplane private, club, training, other \_\_\_\_\_

\_\_\_\_\_  
Date, Name, Sign

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