

## OPTIONAL SERVICE BULLETIN

NO. OSB 42-071/1

SUPERSEDES OSB 42-071

### I TECHNICAL DETAILS

#### I.1 Category

Optional.

#### I.2 Airplanes affected

Type: DA 42 / DA 42 M

Serial Numbers: 42.001 through 42.416

42.M001 through 42.M023

42.AC001 through 42.AC152

#### I.3 Date of Effectivity

03-Jul-2009.

#### I.4 Time of Compliance

At holder's discretion.

#### I.5 Subject

NG Safety Walk installation on DA 42 Aircraft.

ATA-Code: 11-20

#### I.6 Reason

For the DA 42 NG a new Safety Walk was designed with optimized features such as improved grip and reduced aerodynamic drag. This Safety Walk is now available for DA 42 Aircraft offering the innovative NG look.

#### 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 42-361/c, which has been approved by EASA.

The technical content of this document has been approved under the authority of DOA No. EASA.21J.052.

This Service Bulletin is complying with AD A-2005-003 4. C. i)

### **I.9 Accomplishment/Instructions**

Comply with WI-OSB 42-071, latest effective issue.

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

Mass and Center of Gravity are not affected.

## **II PLANNING INFORMATION**

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

See WI-OSB 42-071, latest effective issue.

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

See WI-OSB 42-071, latest effective issue.

### **II.3 Labour Effort**

Approx. 2 hours.

### **II.4 Credit**

None.

### **II.5 Reference Documents**

DA 42 Series Airplane Maintenance Manual 7.02.01, latest effective issue.

### **III REMARKS**

- 1) All measures must be carried out 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 carried out in accordance with the referenced maintenance manual.
- 3) In case of any doubt, contact Diamond Aircraft Industries GmbH.



**EXECUTION REPORT TO  
SERVICE BULLETIN OSB 42-071/1**

**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 \_\_\_\_\_

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Date, Name, Sign

Please fax the completed form to Fax No. +43-2622-26700-1369 or e-mail to  
airworthiness@diamond-air.at

# WORK INSTRUCTION

## WI-OSB 42-071

### „ NG Safety Walk for DA 42 “

#### **I GENERAL INFORMATION**

##### **I.1 Subject:**

NG Safety Walk installation on DA 42 Aircraft.

##### **I.2 Reference Documents:**

Diamond Aircraft DA 42 Series Airplane Maintenance Manual, Doc. No. 7.02.01, latest effective issue.

##### **I.3 Remarks:**

- a) The work must be carried out by a certified aircraft service station or a certified aircraft maintenance mechanic.
- b) All works, particular those that are not especially described in this work instruction, must be carried out in accordance with the referenced maintenance manual.
- c) In case of doubt, contact Diamond Aircraft Industries GmbH.

#### **II DRAWINGS, SPECIAL TOOLS & MATERIALS**

##### **II.1 Drawings:**

None.

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

D64-1127-10-52 SAFETY WALK TEMPLATE

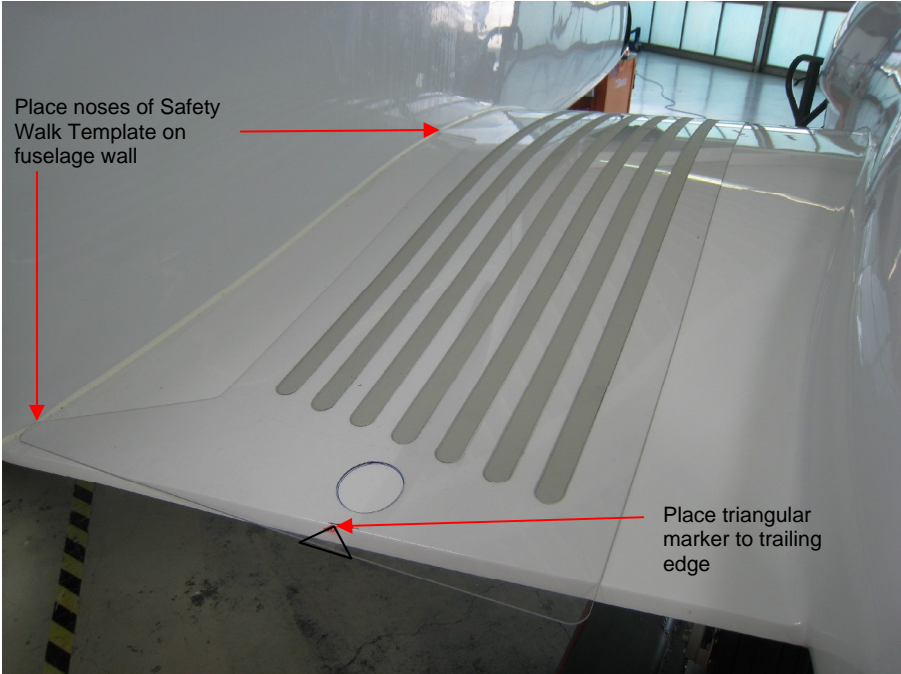
Roller - commercial

**II.3 Material:**

Quantity	Part No.	Description
14	D64-1127-10-51	SAFETY WALK
4	DA4-1123-10-11	PLACARD FOOT STEP

Materials including drawings are available from Diamond Aircraft Industries.

**III INSTRUCTIONS**

1	Remove the old Safety Walk: Warm up the old Safety Walk with a heat gun, but do not exceed 60° Celsius (140°F). Start removing the Safety Walk by lifting one corner. Carefully pull the Safety Walk off.
2	Clean the entire area where the new Safety Walk will be placed. Use fresh “acetone” to remove the old adhesive layer. Do not use cleaning or polishing agents which contain silicon.  <b>CAUTION:</b> When handling chemicals always observe Health and Safety Regulations given by the manufacturer of the chemicals.
3	Use water to remove dirt from the surface. If necessary, add a mild cleaning agent to the water. Refer to AMM Section 12-30.
4	Use a commercial solvent to remove grease from the surface. There must be no grease or dirt on the surface.
5	Place the Safety Walk Template on the Center Wing according to photograph.  

6	Make visual inspection that template orientation is parallel to flight direction.
7	Remove the protective layer from the new Safety Walk.
8	Place the Safety Walk Strips into the Slots of the Safety Walk Template.
9	Use a roller to flatten and adhere the Safety Walk Strip.
10	Place the Footstep Placard according to the Safety Walk Template.
11	Use a clean cloth to flatten the Footstep Placard.
12	Remove the Safety Walk Template.
13	Clean the working area and check for foreign objects.
14	Make necessary entries into aircraft logs.