
MANDATORY SERVICE BULLETIN NO. MSB 62-029 REV. 0

I TECHNICAL DETAILS

I.1 Category

Mandatory.

I.2 Airplanes Affected

Type: DA 62

S/N: 62.C007 through 62.C013, and 62.C023

I.3 Date of Effectivity

25 February 2021

I.4 Time of Compliance

At next 100 hour inspection.

I.5 Subject

Drilling of drain holes.

I.6 Reason

It has come to Diamond's attention that some DA 62 aircraft may be missing some of their drain holes, thereby preventing draining of some enclosed spaces within the fuselage. This service bulletin describes the procedure for drilling these drain holes.

I.7 Concurrent Documents

None.

I.8 Approval

The technical content of this document is approved as part of the type design.

I.9 Accomplishment/Instructions

Comply with WI-MSB 62-029, 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-MSB 62-029, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

Approximately 30 minutes will be required to accomplish this service bulletin.

II.4 Credit

30 minutes labour.

This estimate is for direct labour performed by a technician, and it does not include setup, planning, familiarization, cure time, part fabrication, or tool acquisition.

II.5 Reference Documents

DA 62 Series Airplane Maintenance Manual, Doc. No. 7.02.25, 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 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 logbook.
4. In case of doubt, contact Diamond Aircraft Industries Inc.



**EXECUTION REPORT TO
SERVICE BULLETIN
MSB 62-029 REV. 0**

AIRPLANE INFORMATION

Airplane Serial Number _____

Airplane Registration _____

Airplane Operator _____

Hours of Operation of Airplane _____

No. of Landings _____

Hours of Operation of Engine _____

Typical Operation of Airplane _____
(private, club, training, other)

Date, Name, Signature

Please e-mail the completed form to Techpubs@diamondaircraft.com.

WORK INSTRUCTION WI-MSB 62-029 REV. 0

I GENERAL INFORMATION

I.1 Subject

Drilling of drain holes in the fuselage.

I.2 Reference Documents

DA 62 Series Airplane Maintenance Manual, Doc. No. 7.02.25, latest effective issue.

I.3 Remarks

1. All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All work, in particular which is not especially described in this work instruction, must be done in accordance with the referenced maintenance manual.
3. In case of doubt, contact Diamond Aircraft Industries Inc.

II DRAWINGS, SPECIAL TOOLS & MATERIALS

II.1 Drawings

None.

II.2 Special Tools

None.

II.3 Material

None.

III INSTRUCTIONS

III.1 Preparation

NOTE: this service bulletin addresses the drilling of three drain holes: one underneath the LH nose baggage compartment, one under the avionics bay, and one under the center console. Check Figures 1 and 2 for the drain holes that need to be drilled, as some serial numbers may already have some of the holes drilled.



Figure 1. Drain holes to be drilled under the LH nose baggage compartment and the avionics bay.

1. Pull the starter circuit breakers.
2. Prepare two 5 mm drill bits with drill stops:
 - A. Prepare one drill bit such that 8 mm of the tip is exposed.
 - B. Prepare the other drill bit such that 18 mm of the tip is exposed.

III.2 Drill the Drain Hole in front of the Landing Lights

3. Refer to Figure 2:
 - A. From the LH side (pilot's side) of the aircraft, count to the 10th screw.
 - B. Measure 57 mm towards the nose of the aircraft and drill the hole.
 - C. Drill the hole using the drill bit with 8 mm of the tip exposed.



Figure 2. Drain hole in front of the landing lights.

III.3 Drill the Drain Hole in the Avionics Bay

4. Refer to Figure 3:
 - A. Apply low-tack tape to the fuselage as shown. Align the tape with the edges of the nose gear bay.
 - B. Mark the location shown in Figure 4: 28 mm towards the nose of the aircraft from the edge of the tape running laterally, and 18 mm outboards from the edge of the tape running longitudinally.
 - C. Drill the hole using the drill bit with 18 mm of the tip exposed.

III.4 Drill the Drain Hole in the LH Nose Baggage Compartment

5. Do as step 4, on the opposite side of the aircraft.

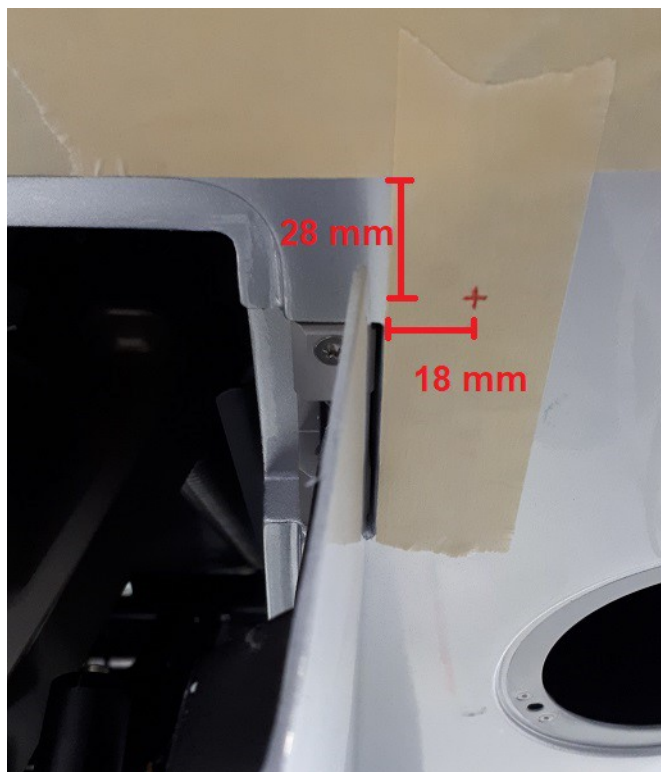


Figure 3. Location of drain hole under the avionics bay. View looking forward and up. Location of drain hole under the LH nose baggage compartment is opposite.

III.5 Wrap-Up

6. Clean the working area, and check for foreign objects.
7. Check all altered, replaced, repaired parts for proper function.
8. Reset the starter circuit breakers.
9. Make all necessary entries in the logbooks.
10. Submit the execution report to Techpubs@diamondaircraft.com.

To obtain satisfactory results, procedures specified in this service bulletin must be accomplished in accordance with accepted methods and current government regulations. Diamond Aircraft cannot be responsible for the quality of work performed in accomplishing the requirements of this service bulletin. Diamond Aircraft reserves the right to void continued warranty coverage in the area affected by this service bulletin if it is not incorporated.

If you no longer own the aircraft to which this service bulletin applies, please forward it to the current owner, and send the name of the current owner to Diamond Aircraft at the address below.

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