

MANDATORY SERVICE BULLETIN NO. MSB 62-052 REV. 0

I TECHNICAL DETAILS

I.1 Category

Mandatory.

I.2 Airplanes Affected

Model: DA 62

S/N: 62.C001 through 62.C044

62.008 through 62.203

I.3 Date of Effectivity

18 September 2023.

I.4 Time of Compliance

At next scheduled maintenance, not later than 30 days or 30 flight hours from the date of effectivity.

I.5 Subject

Horizontal stabilizer connecting bolt torque inspection

ATA-Code: 55-10

I.6 Reason

It was discovered that the DA 62 aircraft maintenance manual (AMM) did not specify the correct torque for the horizontal stabilizer attachment bolts from revision 0 through revision 2. Revision 3 of the DA 62 AMM was published on 04 August 2022, and specifies the correct torque of 45 Nm. Thus, there is the possibility that some aircraft had their horizontal stabilizer attachment bolts checked to the incorrect torque during the initial 100 hr inspection. In addition, for aircraft that have had their horizontal stabilizer removed for unscheduled maintenance, there is the possibility that these aircraft have had their horizontal stabilizer attachment bolts torqued to a lower value. This service bulletin describes a procedure to check the bolt torques on the aircraft manufactured prior to the publishing of revision 3 of the AMM. Failure to comply with this service bulletin may result in premature wearing of the horizontal stabilizer attachment hardware.

I.7 Concurrent Documents

None.

I.8 Approval

The technical information and instructions contained in this document have been approved as part of the type design.

Diamond Aircraft Industries
MANDATORY SERVICE BULLETIN
Model DA 62



I.9 Accomplishment/Instructions

Comply with WI-MSB 62-052, 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 62-052, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

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

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.4 Credit

None.

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.

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.

Diamond Aircraft Industries Inc.
1560 Crumlin Sideroad, London, Ontario, Canada
N5V 1S2

Customer Support:
Phone: (519) 457-4041, Fax: (519) 457-4045
E-mail: support-canada@diamondaircraft.com

Technical Publications:
E-mail: Techpubs@diamondaircraft.com

**EXECUTION REPORT TO
SERVICE BULLETIN
MSB 62-052 REV. 0**

AIRPLANE DATA

Airplane serial number _____

Airplane registration _____

Airplane operator _____

Hours of operation of airplane (TSN) _____

Typical operation of airplane private, club, training, other: _____

MAINTENANCE DATA

Date of maintenance _____

Maintenance carried out by _____

During scheduled inspection? Yes ☐ No ☐

Name Signature Date

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

WORK INSTRUCTION WI-MSB 62-052 REV. 0

I GENERAL INFORMATION

I.1 Subject

Horizontal stabilizer connecting bolt torque inspection

ATA-Code: 55-10

I.2 Reference Documents

DA 62 series Airplane Maintenance Manual, Doc. No. 7.02.25, latest effective revision.

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. It is recommended to print this Work Instruction in color.
4. 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

1. Review the aircraft technical records and verify that the horizontal stabilizer bolts were last torqued to 45 Nm.

NOTE: The horizontal stabilizer bolt torques are checked at the first 100 hr inspection or after any maintenance action where the horizontal stabilizer was removed and reinstalled.

2. If it cannot be verified that the bolts were torqued to 45 Nm, proceed to the next step. Otherwise, proceed to step 7.
3. Ensure the tools used to verify the bolt torques are within calibration.
4. Remove the bullet fairing from the tail of the aircraft. Refer to AMM Section 55-10.
5. Torque all 16 attachment bolts of the horizontal stabilizer to 45 Nm in accordance with the standard practices in AMM Section 20-10.
6. Install the bullet fairing. Refer to AMM Section 55-10.
7. Make all necessary entries into the logbooks.
8. Submit the execution report to Techpubs@diamondaircraft.com.

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