		Doc. No.: MD10-WOI-32-001
Type: JS-MD Series	Subject: Work Instruction	ATA: 32
Model/s: JS-MD 3	Title: Tailwheel Main Shaft Inspection	Rev.: 00

Title: Tailwheel Main Shaft Inspection
Work Instruction

1 Document Management

1.1 List of Revisions

Rev.	Date	Description	Author	Affected Sections / Pages
00	23.11.2020	Initial Issue	Aikaterini Gatou	all

Unless shown impracticable due to the scope of the revision, the changes due to the latest revision are marked by a vertical line at the right page margin.


1.2 List of Validity

Rev.	Valid for / Restrictions	Type Def. Reference
00	JS-MD Series / Model JS-MD 3	EASA.A.616

1.3 Document Acceptance

The **CVE** checks the form and content of the document according to section 1.1 and 1.2 and correctness and completeness of the content. The **HOA** approves the document.

	Name	Function	Signature
Prepared	Aikaterini Gatou	DE	
Checked	AP Kotze	CVE	
Approved	Claudia Schoberth	HOA	

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3 Summary

This document contains all necessary steps to complete the content of the Service Bulletin SB-MD10-005

4 Planning Information


4.1 Material

M8 Half Nut
QTY: 1
Specification: BS EN ISO 3506
Material: SS A2-70

Can be obtained via M&D:
JS-MD Part No: 104 04 006 00

4.2 Special Tools

- Size 13 Spanner
- Torque Wrench

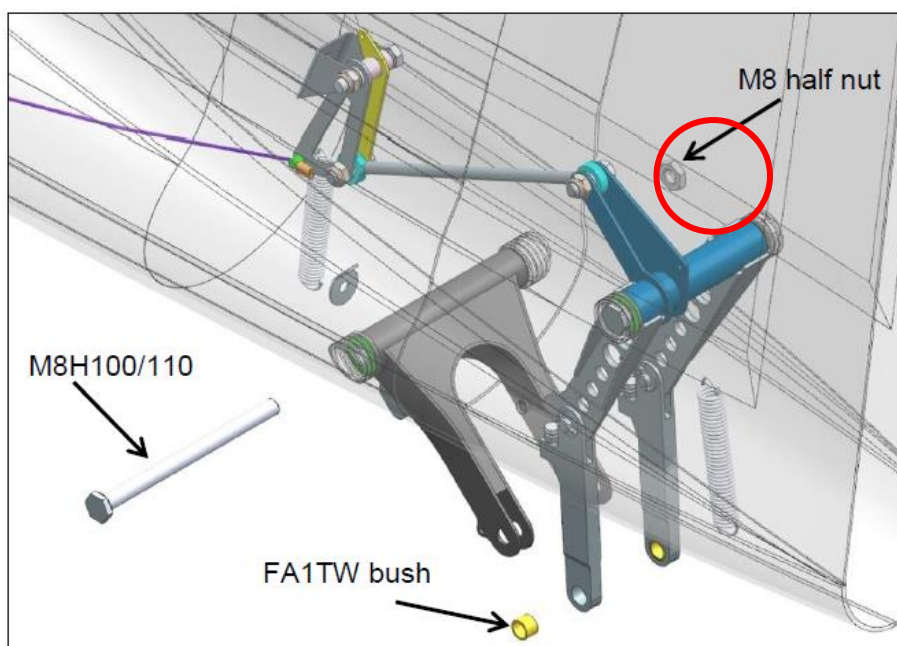
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5 Work Instructions


5.1 Inspection

Section 5.1 provides the instructions for the inspection to be performed on the affected aircraft.

1. Inspect whether the M8 locknut (half nut) of the tailwheel main bolt is installed. The nut in question can be found on the right hand side of the fuselage and is indicated below:



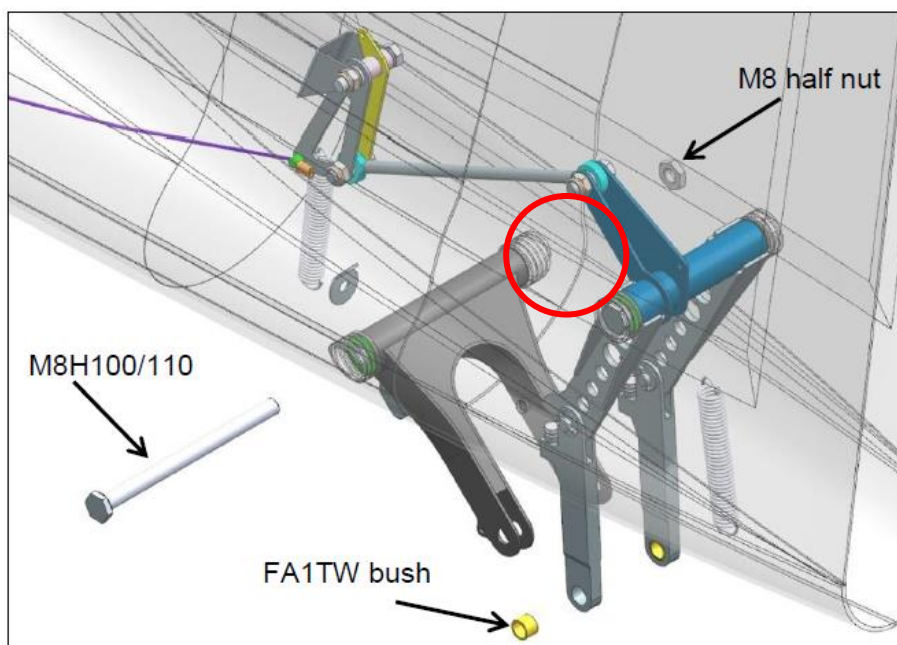
2. If this locknut is not installed, the rectification procedure in Section 5.2 should be followed.

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5.2 Rectification

Section 5.2 provides the instructions for the rectification to be performed on the affected aircraft.

1. Clean the thread of the M8H100/110 bolt.
2. Ensure the M8H100/110 bolt is installed and screwed into the threaded aluminium insert that is built into the right hand side skin of the fuselage. Do not overtighten the main bolt as all the moving parts still need to be able to move freely after the installation. The threaded insert is indicated below:



3. Apply a small amount of Loctite 243 on the thread of the main bolt protruding on the right hand side of the fuselage.
4. Install the M8 locknut (half nut) and tighten. The torque spec for this M8 half nut is 14.0 Nm – 19.0 Nm. After the nut has been installed, the bolt has to at least sit flush with the nut or protrude from the nut.
5. Test the operation of the tailwheel.

6 References

None.