

Service Letter

SL-MD02-004

1 Technical Details

1.A Engines affected

All MD-TJ42 engines.

1.B Subject

Exemplary notes for engine logbook entries by pilot owner or certifying staff.

1.C Reason

Frequently customer enquiries

1.D Information

For each delivered MD-TJ series engine or aircraft with installed MD-TJ series engine an engine logbook /1/ is attached. The engine logbook is issued with a pre-filled cover page, completed page 3 (Engine Data) and page 2 (ECU entry). If clear, the owner data is entered on page 2. If the ownership changes, this must be documented on page 2 in a free owner field.

1.D.1 Accomplishment of ADs and SBs

After a Service Bulletin has been issued, an entry must be made in the engine logbook on page 5 to 7 with date of execution, engine hours and engine cycle at the time of execution. Airworthiness Directives are documented with the accompanying Service Bulletin. See for example Table 1.

Table 1: Example 1

Accomplishment of Airworthiness Directives (AD) and Service Bulletins (SB)				
EASA AD	M&D SB	Execution Date	Total Engine Hours	Total Engine Cycles
ADXXXX-XXXX	SB-MD02-XXX	30.04.2020	20:54	201

1.D.2 Engine Service and Maintenance Record

Each maintenance or service task by pilot owner or certifying staff is documented on page 8 to 15 with date of execution, Total hours of aircraft, total engine hours and total engine cycles. See for example Table 2.

Table 2: Example 2

ENGINE SERVICE AND MAINTENANCE RECORD				
Date	Total Aircraft Hours	Total Engine Hours	Total Engine Cycles	Description of Work Performed Maintenance, Inspections, Repairs, Installation/ Replacement, Modifications, Notes
XX.XX.XXXX	XXX:XX	XX:XX	XXX	6-year inspection
30.04.2020	178:21	4:05	23	Long term storage maintenance acc. to MD10-AMM-00-002_JS-MD 3 Jet Sustainer Maintenance Manual Supplement
27.06.2019	150:10	3:12	16	Replacement of ECU acc. to MD02-EOM-70-001 Revision XX
02.02.2019	54:34	2:42	14	Replacement of Defect EGT-sensor acc. to MD02-OMM-70-001 Revision XX

1.D.3 Replacement of the ECU

If the ECU needs to be replaced, document the work performed acc. to the example in Table 2 and fill in the new ECU data on page 2 of the engine logbook.

1.E References

/1/ MD-TJ Series Engine Logbook