

# **Mandatory Service Bulletin SB-MD10-001**

## **1 Technical Details**

### **1.A Category**

Mandatory

### **1.B Subject**

EGT Sensor Location

### **1.C Affected**

All JS-MD 3 with jet sustainer installed up to S/N 3.MD083

### **1.D Reason**

The current position of the EGT sensor can lead to temperature indications during the start-up process that exceed the established temperature limits of the TCDS. An investigation has shown that the position of the sensor does not correspond to the original approved position and the temperature limits are not applicable for this position. A change process on the engine has determined suitable positions for the sensor for which the established temperature limits apply.

### **1.E Time of Compliance**

Within 90 days after the effective date of this Service Bulletin

### **1.F Reference**

/1/ MD10-WOI-77-001

/2/ MCA-2020-010

### **1.G Mass and CG**

Not affected.

### **1.H Actions**

Turn the nozzle to relocate the EGT-Sensor and update the engine configuration according to Work instruction MD10-WOI-77-001, see Ref /1/.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this SB.

### **1.I Interchangeability and Mixability of Parts**

N/A

## 1.J Approval

The technical content of this document is approved under the authority of DOA ref. EASA.21J.603.

## 1.K Appendices

None.

## 2 Planning Information

### 2.A Material

- Loctite 243
- Cable tie

### 2.B Special Tools

- Calibrated Torque Wrench capable of 1.3Nm
- Windows computer with Turbine Tool
- Connector Cable

## 3 Remarks

### 3.A Remarks

Work instructions, turbine tool and engine configuration update can be obtained from

M&D Flugzeugbau GmbH & Co. KG  
 Streeker Straße 5B  
 26446 / Friedeburg  
 Phone: +49 44 65 97878 0 / Fax: +49 44 65 97878 99  
 E-Mail: [info@md-flugzeugbau.de](mailto:info@md-flugzeugbau.de)

Please indicate S/N and operating time of your aircraft and engine in your inquiry.

In accordance with Part-ML Appendix II, the required actions according to the applicable Work instruction are allowed to be accomplished by a pilot-owner.

## 4 Approval Signatures

**Remark:** With the signature the **HOA** confirms that the technical content of the Service Bulletin has been checked and the change described is approved.

(Head of Office of Airworthiness)	Approved by HOA  on: 18.06.2020 under approval No.: MCA-2020-010
<b>Initial Issue</b>	