

Optional Service Bulletin SB-MD07.04-001-R00

1 Technical Details

1.A Category

Optional

1.B Subject

LS4 Jet Engine Installation (STC)

1.C Affected

EASA STC 10080554 equipped:

Type: LS4

Models: LS4; LS4a; LS4b

S/Ns: all

1.D Reason

ECU System Upgrade

1.E Compliance

Optional

1.F References

- SUPPLEMENTAL TYPE CERTIFICATE 10080554 LS 4 Jet Engine Installation
- MD07-AFM-00-001-I03 Aircraft Flight Manual Supplement
- MD07-AMM-00-001-I03 Aircraft Maintenance Manual Supplement
- MD07.04-WOI-73-001-R00 ECU V3 System Update
- MD07-WOI-53-001-R02 Jet System Integration
- MD07.04-DCN-73-001-R00 ECU V3 Integration

1.G Mass and CG

Not Affected

1.H Publications

MD07-AFM-00-001-I03 Aircraft Flight Manual Supplement

MD07-AMM-00-001-I03 Aircraft Maintenance Manual Supplement

1.I Interchangeability and Mixability of Parts

None

1.J Approval

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

MD07.04-DCN-73-001-R00 ECU V3 Integration

1.K Appendices

None.

2 Planning Information

2.A Material

For New System Integration

- MD- TJ42 Jet Engine
- ECU V3 System
- Kinematic
- Fuel System
- GFRP Parts

Modification for ECU System Upgrade

- ECU V3 System
- BLDC Fuel Pump (Part of Fuel System)

2.B Special Tools

None

2.C Manpower

No special Manpower Requirements

3 Accomplishment Instructions

3.A Preparation

None

3.B For New System Integration

1. Perform the actions as described in the work instruction **MD07-WOI-53-001-R02 Jet System Integration** with reference to
 - MD07-AFM-00-001-I03 Aircraft Flight Manual Supplement
 - MD07-AMM-00-001-I03 Aircraft Maintenance Manual Supplement
2. The aircraft must be supplied with the latest issues of the AFM Jet Supplement and the AMM Jet Supplement.
3. The Engine Logbook must be added to the airplane documents.
If a new registration marking is required for airworthiness certification as a powered sailplane, it must be attached in accordance with the applicable national regulations.

3.C Modification for ECU System Upgrade

1. Remove MD07-AFM-00-001-I02 Aircraft Flight Manual Supplement, replace with current MD07-AFM-00-001-I03.
2. Remove MD07-AMM-00-001-I02 Aircraft Maintenance Manual Supplement, replace with current MD07-AMM-00-001-I03.
3. **Perform ECU V3 System Update acc. to MD07.04-WOI-73-001-R00 ECU V3 System Update.**

3.D Close up

None

3.E Acceptance Tests and Check-Out

Acc. to MD07-WOI-53-001-R02.

3.F Release to Service

Integration / Modification needs to be performed and released by EASA approved Maintenance Organisation.

4 Approval Signatures

Remark: With his signature the **HOA** approves the Service Bulletin when the change is approved internally or by the Agency and in case of no change without previous approval.
Furthermore, the signature of the **HOA** confirms that the technical content has been checked.

(Head of Office of Airworthiness)	Approved by <input type="checkbox"/> EASA / <input checked="" type="checkbox"/> internally / <input type="checkbox"/> n/a
	Date: 30.06.2025 under approval No.: EASA 21J.603
Initial Issue	