

Optional Service Bulletin

SB-MD07-001

1 Technical Details

1.A Category

Optional

1.B Subject

LS 4 Jet engine installation (STC)

1.C Affected

Type: LS 4
Models: LS 4, LS 4-a, LS 4-b
SNs: all

1.D Reason

Retrofitting of the pure glider LS-Sailplanes LS 4 to a self-sustaining powered sailplane. Installation of an engine system with all its airframe-related components.

1.E Time of Compliance

n/a

1.F Reference

SUPPLEMENTAL TYPE CERTIFICATE 10080554 LS 4 Jet engine installation

1.G Mass and CG

A new weight and balance report is required, and weighing must be performed.

1.H Actions

Perform the actions as described in the work instruction MD07-WOI-53-001-R00 Jet System Integration with reference to the Jet Sustainer Maintenance Supplement MD07-AMM-00-001-I02 LS4 Jet Sustainer Maintenance Supplement.

The aircraft must be supplied with the latest issues of the AFM Jet Supplement and the AMM Jet Supplement.

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.

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.

1.K Appendices

Appendix 1 : MD07-WOI-53-001-R00 – Work Instruction Jet System Integration

2 Planning Information

2.A Material

See Appendix 1

2.B Special Tools

See Appendix 1

3 Remarks

The installation and release to service by certifying staff must only be accomplished by M&D Flugzeugbau GmbH & Co.KG.

Airworthiness certification as a powered sailplane must be applied at the corresponding national authority.

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

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
Initial Issue	