

Service Letter

SL-MD02-006

1 Technical Details

1.A Aircraft affected

All JS-MD Single gliders (JS-MD 1C, JS-MD 3) equipped with MD-TJ42 Jet engines, and LS-4 self-sustaining glider aircraft retrofitted with a MD-TJ42 Jet engine.

1.B Subject

Introduction of new Engine Control Unit (ECU v3) P/N: MD02-73-20-19 and Power control Unit (PCU) P/N: MD02-73-20-22 for all TJ42 Turbine Jet engines.

1.C Reason

New ECUv3 has been developed as a replacement for existing ECU versions due to the obsolescence of required components. The new ECU design provides engine performance identical to that of the existing ECU versions.

1.D Information

All current ECU versions may remain in service as long as serviceable without findings. ECU v1 or v2 that are found to be no longer in a serviceable condition need to be exchanged with the new ECU v3.

Limitation for current ECU versions: NONE.

Exchange of current ECU versions requires several modifications to the installation and wiring, and can only be done i.a.w. the specific Service Bulletin for the respective aircraft model for the introduction of this Major Change to MD-TJ42 Turbine Jet engines. For Service Bulletins, contact M&D Flugzeugbau GmbH & Co. KG.

1.E References

List of applicable Manuals / ICA, Doc.: MD02-LAM-00-001-R12 or later revisions
<https://www.md-flugzeugbau.de/de/leistungen/technische-informationen>

1.F Appendices

None

2 Other Details

TJ42 Turbo Jet engines S/N 219, 220, 226, 227, 228, and from S/N 230 onwards will be equipped with the new ECU v3.

TJ42 Turbo Jet engines from S/N 001 to 218, 221, 222, 223, 224, 225 and 229 may be retrofitted i.a.w. a SB for the respective aircraft model.