

Recommended Service Bulletin SB-MD10-006

1 Technical Details

1.A Category

Recommended

1.B Subject

Brake System In-line Accumulator Installation

1.C Affected

Type: JS-MD Single

Model: JS-MD 3

Serial Numbers: All aircraft that have a park brake pin installed.

1.D Reason

It has been noticed that the use of the park brake has become difficult with the current brake system, as the lever requires a lot of force to be pulled. The brake system, when in use, gets then over stressed. As a result, the system loses pressure when kept in the park brake setup for prolonged periods.

1.E Time of Compliance

It is recommended that this Service Bulletin is accomplished within the next 3 months from the date of receipt OR if the current brake force is unsatisfactory.

1.F Reference

/1/ MD10-WOI-40-001 Brake System In-Line Accumulator Installation (latest Revision)

1.G Mass and CG

Not affected

1.H Actions

- Evaluate the force required to put the brake lever in the park brake position.
- Evaluate the brake force of the system.
- If the force to put the brake lever into the park brake setup position is too high or if the braking force is not sufficient (pilot discretion), refer to the Work Instruction (see Ref. /1/) and if necessary do the rectification as described in the Work Instruction (see Ref. /1/).

1.I Interchangeability and Mixability of Parts

Not applicable

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

- Brake Hose High Pressure Line: Banjo | QTY: 1 | JS-MD Part No: 2000009700
- Brake System Pressure Accumulator | QTY: 1 | JS-MD Part No: 1050304608
- P-Clamp | QTY: 1 | JS-MD Part No: 1040902800
- M6 AB16 | Material: SS A2-70 | JS-MD Part No: 1040200600
- M6 Self-Locking Nut | Material: SS A2-70 | JS-MD Part No: 1040401000
- New Aluminium Brake Line Adaptor | Material: 6061 T6 | JS-MD Part No: 2012100000
- Fluid 41 Mineral Hydraulic Brake Fluid

2.B Special Tools

- Bleed Bolt | Material: SS A2-70 | JS-MD Part No: 2331803400
- Brake-fluid pressure tool

3 Remarks

The structural measures must only be accomplished by the manufacturer M&D Flugzeugbau or by a maintenance organisation according to European Union Commission Regulation (EC) 1321/2014 Part M / Section A / Subpart F.

All actions are to be inspected by certifying staff according to European Union Commission Regulation (EC) 1321/2014 Part M / Part 66 in the scope of a modification and have to be certified in the sailplane inspection documents and in the sailplane logbook. The change to the manual is considered being eligible for release by the Pilot-owner pursuant to M.A.801(b)3 and must be entered on the page „Record of Revisions” and in the „List of effective pages“.

In countries outside the scope of EC 1321/2014 the corresponding national rules shall apply.

Only original spare parts may be used. Parts (other than standard parts) and material kits may only be installed if an EASA Form 1 is issued for these products. For standard parts the invoice from M&D Flugzeugbau is valid as a certificate of conformity.

Work instruction and Parts 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

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 under approval No.: MCA-2021-003
Initial Issue	