Mandatory Service Bulletin
SB 808-18 Rev. 04

1 Technical Details

1.A Category
Mandatory

1.B Subject
Visual Inspection of the elevator mass balance due to recurring formation of cracks.

1.C Affected
Type: AVo68-v      Variants: all      MSN: all

1.D Reason
Customers still detect the formation of cracks at the elevator mass balance.

1.E Time of Compliance
Action 1 within the next 14 calendar days or 5 flight hours whichever comes first
Action 2 exchange after detection of cracks
Action 3 every 25 flight hours

1.F Reference
M&D work instruction WI-808-18.

1.G Mass and CG
No change in mass and CG.
1.H Actions

Action 1:

Within the next 14 calendar days or 5 flight hours, whichever comes first, perform visual inspection of elevator mass balance for cracks.

If no cracks are found, repeat inspection every 25 flight hours, see action 3.

If cracks are found during visual inspection, perform action 2.

Action 2:

If cracks are found during visual inspection, the elevator mass balance needs to be exchanged.

The exchange of the elevator mass balance must be performed in accordance with M&D work instruction WI 808-18, which can be ordered by M&D, refer to chapter 2A.

After exchange of the elevator mass balance perform action 3.

Action 3:

Every 25 flight hours perform visual inspection of elevator mass balance for cracks.

If cracks are found during visual inspection, perform action 2.

1.I Interchangeability of Parts

None.

1.J Appendices

None.
2 Planning Information

2.A Material
All standard parts according to work instruction WI-808-18 can be ordered from M&D Flugzeugbau or a local supplier.

All non-standard parts according to WI-808-18 must be ordered specifying this SB No. and P/N’s from M&D Flugzeugbau:

M&D Flugzeugbau GmbH & Co. KG
Streeker Straße 5b / 26446 Friedeburg
info@md-flugzeugbau.de
+49 (0) 4465 978 78 11

2.B Special Tools
None.

3 Remarks

3.A Remarks

Action 1 can be performed by the pilot / owner.

Action 2 needs to be performed and released:
- by maintenance organisations approved in accordance with EASA Part-145 and with appropriate rating;
- by maintenance organisations approved in accordance with EASA Part-M Subpart F and with appropriate rating;
- in accordance with M.A.801 c) and f) outside approved maintenance organisations by independent certified staff in accordance with Part-66.

Action 3 can be performed by the pilot / owner.

4 Approval Signatures

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

Date: 10.10.2018

Soeren Pedersen
2018.10.10 09:41:08
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(Head of Airworthiness Office)