

Service Letter
SL 68

 DO - No.
 EASA.21J.020

**Replacement of Electric Servo Motor Type 34L / 34LT / 35NT installed on
Electrically Controlled Variable Pitch MT-Propellers**
Affected Propeller:

All electrically controlled variable pitch Propeller, during overhaul or repair.

Reason:

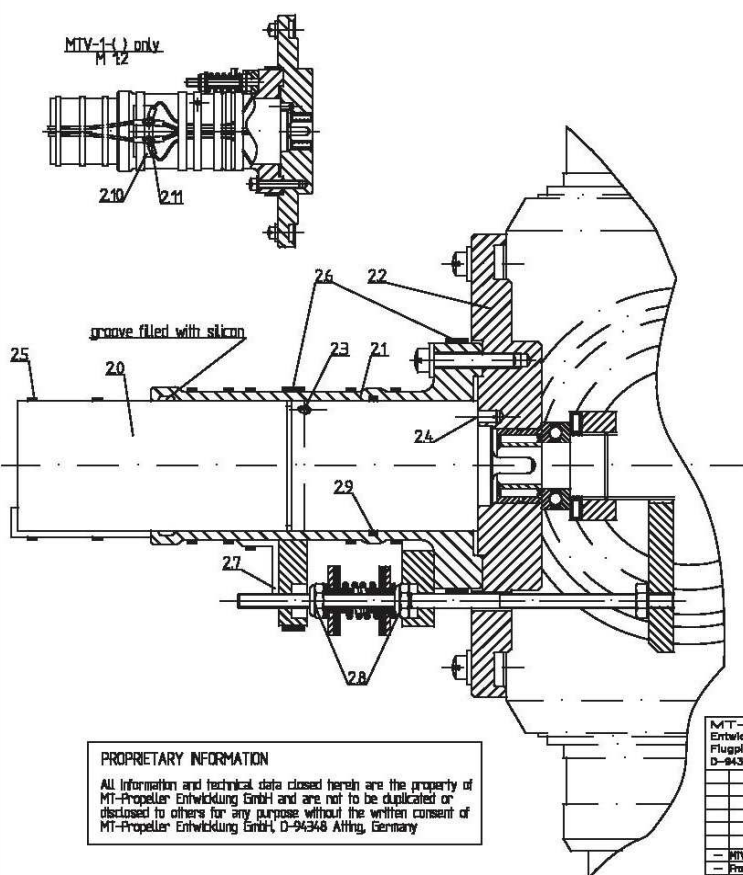
The old servo motor types 34L / 34LT and 35NT may need replacement after years in operation due to wear and therefore higher electrical power consumption. The electric motors are on condition.

- The 34L / 34LT motor type was installed until 2001
- The 35LT motor type was installed until 2006
- The newest motor type P-820-() was installed since 2006

Action:

It is recommended to replace the old servo motor types 34L/34LT and 35NT with the newest servo motor type P-820-() during overhaul or repair.

Due to the replacement of the servo motor also other parts have to be exchanged in this connection according to the information as listed below.

Affected Publications: Overhaul Manual E-250 ,


Pos.	Quantity	Description	Part-No.	Supplier
2.0	1	Motor compl.	P-820-()-12 /-24	MT-Propeller
2.1	1	el.-Motor Holder	A-1316-C	Martin
2.2	1	Front Plate	A-1315-A (MTV-1)	Martin
or	1	Front Plate	A-173-1-R/L (MTV-4)	Martin
or	1	Front Plate	A-1317-A (MTV-7)	Martin
or	1	Front Plate	A-1318-A (MTV-10)	Martin
or	1	Front Plate	A-1485 (MTV-17)	Martin
or	1	Front Plate	A-1319-B (MTV-18)	Martin
2.3	2	Set Screw	C-250-6	MT-Propeller
2.4	4	Screw	C-258-12	MT-Propeller
2.5	7	Ty-Rap	Ty28MX, black	MT-Propeller
2.6	2	Ty-Rap	Ty529MX, black	MT-Propeller
2.7	2	Thimble	32442-0	MT-Propeller
2.8	2	Stop nut	C-323-1032	MT-Propeller
2.9	1	O-Ring	C-058-42	MT-Propeller
2.10	1	Clamp	A-1545-1-A only for MTV-9	MT-Propeller
2.11	2	Screw	C-212-8 only for MTV-9	MT-Propeller

PROPRIETARY INFORMATION

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 Fertigungstoleranz:
 ± 0,2 mm

 Gewinnschritt:
 2,0 mm

 Maßstab: 1:1
 MTV - ()
 Assembly Kit for Motor
 P-820-()-12 /-24

 Rev.
 -
 Blatt
 1

Clearence MPL

Martin Albrecht

Date: August 24, 2017

Edition

Andreas Seperant

This technical Information has been approved according the procedures established for the EASA-certified Design Organization No.:EASA.21J.020