

DOA No. EASA.21J.020	<b>SUPPLEMENT 2</b> to Service Bulletin No. <b>1 R1</b>
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**Subject: Time Between Overhaul of Propellers, Governors and Oil-Accumulators (TBO)**

Propellers affected: All MT-Variable Pitch Propellers, Governors and Accumulators  
 Aircraft affected: All with these Propellers, Governors and Accumulators  
 Condition: For all variable pitch propellers, a time between overhaul must be established (TBO).

- The established TBO is a result of a TBO-development-program and is expressed in flying hours and calendar months. Always the latest edition of this S.B. applies. Deviations require the approval of the manufacturer. AD's may reduce the TBO.  
The following extensions are permitted for turbo prop aircrafts only. The TBO can be extended by 50 flight hours or 30 days.
- Overhaul is necessary, whenever one of the following conditions exist:  
Time limit factor as per item No. 5 or storage per item No. 3, overspeed or overtorque according to "Standard Practices Manual" E-808 with approved engine, ground strike with broken blade tips, cracks and damages, where a repair is insufficient.
- The TBO starts with the installation on the aircraft, but this must not be later than 24 months after new assembly or overhaul and proper storage.  
Otherwise the TBO begins with the date of manufacturing.
- Propellers, used in unlimited competition aerobatic flying (auto rotation maneuvers with high engine power and high propeller speed, for examples: flat spins, snap rolls, knife edge spins, etc.), must get a tear-down inspection every 1/3 of the TBO (hours or months).

Remarks to the propeller designation system:

\* = TBO is also valid for propellers with feathering



\*\* = TBO is also valid for propellers with reverse and/or feathering.

The TBO is also valid for propellers with an up to 5 cm smaller diameter and with and without a small letter blade designation. A small letter indicates modifications which do not affecting interchangeability of blade sets.

**5.1. Zulässige Betriebszeiten Propeller:**  
**Approved time limits propeller:**

Propeller <i>Propeller</i>	Triebwerk <i>Engine</i>	Stunden <i>Hours</i>	Monate <i>Months</i>
MTV-9-B-(**)/(**)200-52	Lycoming (I)O-390	2400	72
MTV-9-B-(**)/(**)190-50	Lycomin (AE)(I)O 375 series	2400	72
MTV-9-K-(**)/(**)280-142	Vedeneyev M-14-series	1000	72
MTV-12-B-(**)/(**)188-59b	Lycoming (I)O-540	1800	72
MTV-12-B-(**)/(**)190-53	Lycoming (I)O-390	1800	72
MTV-14-B-(**)/(**)190-130	Lycomin (AE)(I)O 540 / 580 series	2400	72
MTV-15-B-(**)/(**)203-52	Lycoming (AE)(I)O-360 / 390 series	1800	72
MTV-16-(-)(**)/(**)235-55a	Walter M 601-Series	3000	72
MTV-21-A-(**)/(**)LD170-51	Rotax 912 /914	2000	72
MTV-27-(-)(**)/(**)235-55a	Honeywell T-78-G	3000	72

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