

TECHNISCHE MITTEILUNG
Service Bulletin
No. 1 R1

Betrifft: Überholungsintervalle von Propellern, Propellerreglern und Öl-Akkumulatoren (TBO)
Subject: Time Between Overhaul of Propellers, Governors and Oil-Accumulators (TBO)

Betroffene Propeller: Alle MT-Verstellpropeller, Regler und Akkumulatoren
Propellers affected: All MT-Variable Pitch Propellers, Governors and Accumulators
Betroffene Flugzeuge: Alle mit diesen Propellern, Reglern und Akkumulatoren
Aircraft affected: All with these Propellers, Governors and Accumulators

Vorgang: Für alle Verstellpropeller müssen Betriebszeiten festgelegt werden
(Überholungsintervalle, TBO).

Condition: For all variable pitch propellers, a time between overhaul must be established (TBO).

1. Die festgesetzte Betriebszeit basiert auf einem Betriebszeiterhöhungsprogramm und setzt sich aus Flugstunden und Kalendermonaten zusammen. Die jeweils gültige Ausgabe dieses SBs. ist verbindlich. Abweichungen bedürfen der Zustimmung des Herstellers. LTA's können die Betriebszeiten einschränken.
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.
2. Eine Überholung wird nötig, wenn eine der folgenden Bedingungen erreicht ist:
Erreichte Betriebszeit nach Punkt 5, Lagerzeit nach Punkt 3, Überdrehzahl oder Antriebsdrehmomentüberschreitung gemäss „Standard Practices Manual“ E-808 mit einem erprobten Triebwerk, Bodenberührung mit Blattspitzenbruch, Risse und Schäden, die mit einer Reparatur nicht zu beheben sind.

*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.*
3. Die TBO beginnt mit dem Einbau in das Flugzeug.
Wenn jedoch seit der Herstellung oder Überholung, unter Voraussetzung sachgemäßer Lagerung, mehr als 24 Monate vergangen sind, beginnt die TBO automatisch nach diesen 24 Monaten bis maximal 96 Monate Kalenderzeit.
*The TBO starts with the installation on the aircraft.
However, if the installation is later than 24 months after new assembly or overhaul and proper storage provided, the TBO automatically starts after this 24 months, up to maximal 96 months calendar time.*
- 3.1. Bei Verwendung in Flugzeugen kann die Kalenderzeit bis zur nächsten Jahresnachprüfung überzogen werden, wenn der Propeller, **Regler und Akkumulator** in einwandfreiem Zustand ist und die zulässige TBO-Betriebsstundenlimitierung noch nicht erreicht ist.
Die Kalenderlaufzeit wird durch Abbau vom Flugzeug und/oder Lagerung nicht unterbrochen.
*When installed in airplanes the calendar time can be extended to coincide with the next annual inspection of the aircraft if the propeller, **governor and accumulator** are in a proper condition and the limit of hours in service is not yet reached.
Calendar Limit is not interrupted by subsequent removal and / or storage.*

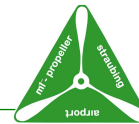
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Office of Airworthiness:

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Date: July 04, 2016

Prepared by:

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Date: July 04, 2016



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4. Propeller, die im **Wettbewerbs und / oder Airshow - Kunstflug** (Autorotationsmanöver die mit hoher Triebwerksleistung und hoher Propellerdrehzahl ausgeführt werden, wie z.B. Flachtrudeln, gerissene Rollen, Knife edge spins, etc.) verwendet werden, müssen nach 1/3 der TBO (Stunden bzw. Monate) einer Zerlegekontrolle unterzogen werden.

Propellers, used in unlimited competition and / or airshow - 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).

5. Anmerkungen zur Propellerbezeichnung:

* = TBO Daten gelten auch für Propeller mit Segelstellung

** = TBO Daten gelten auch für Propeller mit Reverse und/oder Segelstellung.

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.

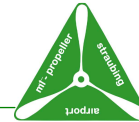
Die TBO ist auch gültig für Propeller mit max. 5 cm kleinerem Durchmesser.

The TBO is also valid for propellers with an up to 5 cm smaller diameter.

5.1. Zulässige Betriebszeiten Propeller:

Approved time limits propeller:

Propeller Propeller	Triebwerk Engine	Stunden Hours	Monate Months
MTV-1-A/()152-106	JPX 4TX 75/A	1500	72
MTV-1-A/()160-03	Grob G 2500 D1, E1	1500	72
MTV-1-A/()160-03	Limbach L-2000-E-Series	1500	72
MTV-1-A/()160-03	Limbach L-2400-E-Series	1500	72
MTV-1-A/()160-03	Rotax 912() or Rotax 914()	2000	72
MTV-1-A/()160-03	Sauer SS2100-H-Series	1500	72
MTV-1-A/()160-03	Sauer ST2500-H-Series	1500	72
MTV-1-A/()160-03	Sauer SH2500-H-Series	1500	72
MTV-1-A/()160-03	Sauer SS2500-H Series	1500	72
MTV-1-A/()160-03	Walter Mikron III ()	1500	72
MTV-1-A/()160-06	Limbach L2400E-Series	1500	72
MTV-1-A/()160-06	SauerSS-2700-H1S	1500	72
MTV-1-A/()165-06	Limbach L2400 Series	1500	72
MTV-1-A/()165-112	Rotax 912() or Rotax 914()	2000	72
MTV-1-A/()170-05	Limbach L2400ET-Series, -DT-Series	1000	72
MTV-1-A/()170-08	Rotax 912() or Rotax 914()	2000	72
MTV-1-A/()170-08	Sauer ST-2500-H-Series	1500	72
MTV-1-A-/()170-125	Rotax 912() or Rotax 914()	2000	72
MTV-1-A/()175-05	Rotax 912() or Rotax 914()	2000	72
MTV-1-A/()175-12	Rotax 912() or Rotax 914()	2000	72
MTV-1-A/()175-112	Rotax 912() or Rotax 914()	2000	72
MTV-1-A-/()178-51	Rotax 912() or Rotax 914()	2000	72
MTV-1-A/()180-05	Rotax 912() or Rotax 914()	2000	72
MTV-1-F/()155-03	Lycoming O-235-Series	600	72
MTV-1-F/()155-07	Lycoming O-235-Series	1500	72
MTV-1-F/()160-03	Lycoming O-235-Series	600	72
MTV-1-F/()173-08	AE-100-R	1500	72
MTV-1-F/()175-08	TCM/ Rolls Royce O-200-Series	1000	72
MTV-1-F/()175-08	Westermayer W5/33	1000	72
MTV-2-B-/()193-02	Lycoming AIO-360-, (AE)IO-360-Series	600	72



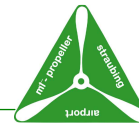
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Propeller Propeller	Triebwerk Engine	Stunden Hours	Monate Months
MTV-3-B-()/()200-01	Lycoming (AE)(I)O-540-Series	600	72
MTV-3-B-()/()250-21	Vedeneyev M-14-P	600	72
MTV-5-(-)(**)/(**)190-53	RR (Allison) Model 250-Series	2500	72
MTV-5-(-)(**)/(**)190-56	RR (Allison) Model 250-Series	2500	72
MTV-5-(-)(**)/(**)190-118	RR (Allison) Model 250-Series	2500	72
MTV-5-(-)(**)/(**)199-117	Diesel (Hovercraft)	2000	60
MTV-5-(-)(**)/(**)210-56	RR (Allison) Model 250-Series	2500	72
MTV-5-(-)(**)/(**)210-56	Ivchenko Progress AI-450-Series	2500	72
MTV-5-(-)(**)/(**)220-54	RR (Allison) Model 250-Series	2500	72
MTV-6-A-(**)/(**)152-106	Rotax 912() or Rotax 914()	2000	72
MTV-6-A-(**)/(**)156-122	Rotax 912() or Rotax 914()	2000	72
MTV-6-A-(**)/(**)157-106	Rotax 912() or Rotax 914()	2000	72
MTV-6-A-(**)/(**)165-64	Rotax 912() or Rotax 914()	2000	72
MTV-6-A-(**)/(**)165-112	Rotax 912() or Rotax 914()	2000	72
MTV-6-A-(**)/(**)170-05	Rotax 912/914 Series	2000	72
MTV-6-A-(**)/(**)170-51	Rotax 912/914 Series	2000	72
MTV-6-A-(**)/(**)175-08	Rotax 912() or Rotax 914()	2000	72
MTV-6-A-(**)/(**)175-112	Rotax 912() or Rotax 914()	2000	72
MTV-6-A-(**)/(**)175-12	Rotax 912() or Rotax 914()	2000	72
MTV-6-A-(**)/(**)183-51	Rotax 912() or Rotax 914()	2000	72
MTV-6-A-(**)/(**)187-129	Thielert TAE-125-Series/CD-135/CD-155	2400	72
MTV-6-A-(**)/(**)190-69	Thielert TAE-125-Series/CD-135/CD-155	2400	72
MTV-6-A-(**)/(**)203-80	Thielert TAE-125-Series/CD-135/CD-155	2400	72
MTV-6-C-(**)/(**)152-07	Lycoming (AE)(I)O-320-Series	1000	72
MTV-6-C-(**)/(**)170-09	Lycoming (AE)(I)O-320-Series	1500	72
MTV-6-D-(**)/(**)157-106	Wilksch WAM-120	1500	72
MTV-6-D-(**)/(**)175-112	Wilksch WAM-120	1500	72
MTV-6-D-(**)/(**)183-51	Wilksch WAM-120	1500	72
MTV-6-F-(**)/(**)152-106	Lycoming O-235-Series	1500	72
MTV-6-F-(**)/(**)165-03	Lycoming O-235-Series	1500	72
MTV-6-F-(**)/(**)170-09	Lycoming O-235-Series	1500	72
MTV-6-P-(**)/(**)142-129a	Rotax 912() or Rotax 914()	2000	72
MTV-6-P-(**)/(**)180-51	Rotax 912() or Rotax 914()	2000	72
MTV-6-R-(**)/(**)187-129	Austro Engine E4 Series	2400	72
MTV-6-R-(**)/(**)190-69	Austro Engine E4 Series	2400	72
MTV-6-R-(**)/(**)194-80	Austro Engine E4 Series	2400	72
MTV-6-R-(**)/(**)203-80	Austro Engine E4 Series	2400	72
MTV-7-A/()152-106	Rotax 912() or Rotax 914()	2000	72
MTV-7-A/()156-122	Rotax 912() or Rotax 914()	2000	72
MTV-7-A/()157-106	Rotax 912() or Rotax 914()	2000	72
MTV-7-A/()157-106	Jabiru 3300	1500	72
MTV-7-A/()165-64	Rotax 912/914 Series	2000	72
MTV-7-A/()165-112	Rotax 912/914 Series	2000	72
MTV-7-A/()170-05	Rotax 912/914 Series	2000	72
MTV-7-A/()170-51	Rotax 912/914 Series	2000	72
MTV-7-A/()175-08	Rotax 912() or Rotax 914()	2000	72
MTV-7-A/()175-112	Rotax 912() or Rotax 914()	2000	72



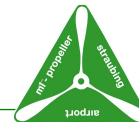
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MTV-7-A/()175-12	Rotax 912() or Rotax 914()	2000	72
MTV-7-A/()187-129	Rotax 914 ()	2000	72
MTV-7-C/()152-07	Lycoming (I)O-320-Series	1000	72
MTV-7-C/()165-07	Lycoming (I)O-320-Series	1000	72
MTV-7-C/()165-07	Rotax 912() or Rotax 914()	2000	72
MTV-7-C/()170-09	Lycoming (I)O-320-Series	1500	72
MTV-7-C/()183-51	Eggenfellner-Subaru 2.5T	1500	72
MTV-7-C/()183-51	Eggenfellner-Subaru - H6	1500	72
MTV-7-C/()187-129	Eggenfellner Subaru H6	1500	72
MTV-7-C/()187-129	Eggenfellner Subaru 2.5T	1500	72
MTV-7-D/()170-09	TCM (I)O-240-A/B-Series	1500	72
MTV-7-D/()170-12	TCM (I)O-240-A/B-Series	1500	72
MTV-7-D/()170-51b	TCM (I)O(F)-240-Series	1500	72
MTV-7-D/()175-09	TCM (I)O-240-Series	1500	72
MTV-7-D/()175-112	TCM (I)O-240-Series	1500	72
MTV-7-D/()187-129	Thielert TAE-125-01	1500	72
MTV-7-F/()152-106	Lycoming O-235-Series	1500	72
MTV-7-F/()165-03	Lycoming O-235-Series	1500	72
MTV-7-F/()170-09	TCM/Rolls Royce O-200-Series	1500	72
MTV-7-F/()170-09	Potez 4E-20A,	1500	72
MTV-7-F/()170-09	Lycoming O-235-Series	1500	72
MTV-9-B-(**)/(**)178-102	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)183-50	Lycoming (AE)(I)O-360/-375/-390/-409	2400	72
MTV-9-B-(**)/(**)188-18	Lycoming (AE)(I)O-360-Series	2400	72
MTV-9-B-(**)/(**)188-50	Lycoming (I)O-540-Series	2400	72
MTV-9-B-(**)/(**)190-18	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)190-50	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)190-50	Lycoming (AE)(I)O-360 Series	2400	72
MTV-9-B-(**)/(**)193-18	Lycoming (AE)(I)O-360-Series	2400	72
MTV-9-B-(**)/(**)193-18	Lycoming (AE)(I)O-390 Series	2400	72
MTV-9-B-(**)/(**)193-18	Lycoming O-540-Series	2400	72
MTV-9-B-(**)/(**)193-109	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)193-109	Lycoming (T)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)195-45	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)198-25	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)198-25	Lycoming (AE)(I)O-580-Series	2400	72
MTV-9-B-(**)/(**)198-52	Lycoming (AE)(I)O-360-Series	2400	72
MTV-9-B-(**)/(**)198-52	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)198-52	Lycoming (T)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)198-58	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)198-58	Lycoming IO-720-Series	2400	72
MTV-9-B-(**)/(**)200-15	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)200-15	Vedeneyev M 14-PM	400	72
MTV-9-B-(**)/(**)200-52	Lycoming (T)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)200-52	Lycoming IO-360() Series	2400	72
MTV-9-B-(**)/(**)200-58	Lycoming (T)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)203-20	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)203-20	Lycoming (AE)(I)O-580-Series	2400	72
MTV-9-B-(**)/(**)203-22	Lycoming (AE)(I)O-720-Series	2400	72
MTV-9-B-(**)/(**)203-25	Lycoming (AE)(I)O-540-Series	2400	72



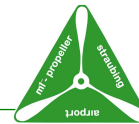
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MTV-9-B-(**)/(**)203-25	Lycoming (AE)(I)O-580-Series	2400	72
MTV-9-B-(**)/(**)203-46	Lycoming (AE)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)203-52	Lycoming (AE)(I)O-360/-540-Series	2400	72
MTV-9-B-(**)/(**)210-15	Lycoming (T)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)210-58	Lycoming (T)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)210-58	Lycoming (AE)(I)O-580-Series	2400	72
MTV-9-B-(**)/(**)213-22	Lycoming (T)(I)O-540-Series	2400	72
MTV-9-B-(**)/(**)213-22	Lycoming (AE)(I)O-720-Series	2400	72
MTV-9-B-(**)/(**)248-63	Vedeneyev M-14-Series	1000	72
MTV-9-B-(**)/(**)250-27	Vedeneyev M-14-Series	1000	72
MTV-9-B-(**)/(**)250-29	Vedeneyev M-14-Series	1000	72
MTV-9-B-(**)/(**)260-27	Vedeneyev M-14-Series	1000	72
MTV-9-B-(**)/(**)260-27	M-9-F Series	1000	72
MTV-9-B-(**)/(**)260-29	Vedeneyev M-14-Series	1000	72
MTV-9-B-(**)/(**)260-29	M-9-F Series	1000	72
MTV-9-B-(**)-S/(**)198-58B	SMA SR-305-230	1500	72
MTV-9-D-(**)/(**)178-102	TCM IO-550-Series	2400	72
MTV-9-D-(**)/(**)183-109	TCM (TS)(I)O-550-Series	2400	72
MTV-9-D-(**)/(**)188-50	TCM (TS)(I)O-550-Series	2400	72
MTV-9-D-(**)/(**)190-11	TCM (TS)(I)O-550-, -520-Series	2400	72
MTV-9-D-(**)/(**)190-18	Franklin 6A350-C-Series	2400	72
MTV-9-D-(**)/(**)193-109	TCM (TS)IO-550-, -520-Series	2400	72
MTV-9-D-(**)/(**)193-45	TCM (TS)IO-550-, -520-Series	2400	72
MTV-9-D-(**)/(**)195-18	TCM O-470-Series	2400	72
MTV-9-D-(**)/(**)195-58	TCM (I)O-550-Series	2400	72
MTV-9-D-(**)/(**)198-52	TCM (TS)IO-550-Series	2400	72
MTV-9-D-(**)/(**)198-58	TCM (TS)IO-550-Series	2400	72
MTV-9-D-(**)/(**)200-11	TCM TSIOL-550-Series	2400	72
MTV-9-D-(**)/(**)200-15	Porsche PFM-3200-Series	2400	72
MTV-9-D-(**)/(**)200-52	TCM (TS)(I)O-360-Series	2400	72
MTV-9-D-(**)/(**)200-58	TCM (TS)(I)O-520-Series	2400	72
MTV-9-D-(**)/(**)203-52	TCM (I)O-520-Series	2400	72
MTV-9-D-(**)/(**)203-52	TCM IO-550-Series	2400	72
MTV-9-D-(**)/(**)203-52	TCM (I)O-470-Series	2400	72
MTV-9-D-(**)/(**)210-15	TCM IO-520-Series	2400	72
MTV-9-D-(**)/(**)210-58	TCM IO-550-Series	2400	72
MTV-9-D-(**)/(**)210-58	TCM (I)O-470-Series	2400	72
MTV-9-D-(**)/(**)210-58	TCM (TS)IO-520-Series	2400	72
MTV-9-D-(**)/(**)210-58	TCM (TS)IO-550-Series	2400	72
MTV-9-D-(**)/(**)210-58	Centurion 4.0 Series	2400	72
MTV-9-E-(**)/(**)248-63	Vedeneyev M-14-Series	1000	72
MTV-9-E-(**)/(**)250-27	Vedeneyev M-14-Series	1000	72
MTV-9-E-(**)/(**)250-29	Vedeneyev M-14-Series	1000	72
MTV-9-E-(**)/(**)260-27	Vedeneyev M-14-Series	1000	72
MTV-9-E-(**)/(**)260-29	Vedeneyev M-14-Series	1000	72
MTV-9-K-(**)/(**)240-29	Vedeneyev M-14-Series	1000	72
MTV-9-K-(**)/(**)248-63	Vedeneyev M-14-Series	1000	72
MTV-9-K-(**)/(**)250-27	Vedeneyev M-14-Series	1000	72
MTV-9-K-(**)/(**)250-29	Vedeneyev M-14-Series	1000	72
MTV-9-K-(**)/(**)260-27	Vedeneyev M-14-Series	1000	72
MTV-9-K-(**)/(**)260-29	Vedeneyev M-14-Series	1000	72



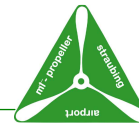
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MTV-10-B-()/174-08	Lycoming (I)O-360-Series	1500	72
MTV-10-B-()/174-12	Lycoming (I)O-360-Series	1500	72
MTV-11-C-(**)/(**)162-24	Lycoming (AE)(I)O-320-Series	1000	72
MTV-11-C-(**)/(**)183-59	Lycoming (I)O-320-Series	1000	72
MTV-11-C-(**)/(**)190-17	Lycoming (I)O-320-Series	1000	72
MTV-11-C-(**)/(**)190-32	Lycoming (AE)(I)O-320-Series	1000	72
MTV-12-B-(**)/(**)168-101	Lycoming (AE)(I)O-360/390-Series	1800	72
MTV-12-B-(**)/(**)168-101	Delta Hawk DH200V4	1800	72
MTV-12-B-(**)/(**)175-17	Lycoming (AE)(I)O-360-Series	1800	72
MTV-12-B-(**)/(**)175-59	Lycoming (AE)(I)O-360/390-Series	1800	72
MTV-12-B-(**)/(**)180-17	Lycoming (AE)(I)O-360-Series	1800	72
MTV-12-B-(**)/(**)180-59	Lycoming IO-360-Series	1800	72
MTV-12-B-(**)/(**)183-17	Lycoming (AE)(I)O-360-Series	1800	72
MTV-12-B-(**)/(**)183-59	Lycoming (AE)(I)O-340/-360/-370/-390	1800	72
MTV-12-B-(**)/(**)188-17	Lycoming (AE)(I)O-360-Series	1800	72
MTV-12-B-(**)/(**)188-53	Lycoming (T)(I)O-360-C1A6D	1800	72
MTV-12-B-(**)/(**)188-59	Lycoming (AE)(I)O-360/390 Series	1800	72
MTV-12-B-(**)/(**)188-119	Lycoming (AE)(I)O-360-Series	1800	72
MTV-12-B-(**)/(**)193-53	Lycoming (I)O-540-()	1800	72
MTV-12-C-(**)/(**)152-40	Lycoming (AE)(I)O-320-Series	1000	72
MTV-12-C-(**)/(**)160-40	Lycoming (AE)(I)O-320-Series	1000	72
MTV-12-C-(**)/(**)170-57	Lycoming (I)O-320-Series	2000	72
MTV-12-C-(**)/(**)170-119	Lycoming (AE)(I)O-320-Series	2000	72
MTV-12-C-(**)/(**)175-119	Lycoming (AE)(I)O-320-Series	2000	72
MTV-12-C-(**)/(**)175-17	Lycoming (AE)(I)O-320-Series	2000	72
MTV-12-C-(**)/(**)175-36	Lycoming (AE)(I)O-320-Series	2000	72
MTV-12-C-(**)/(**)175-59	Lycoming (AE)(I)O-320-Series	2000	72
MTV-12-C-(**)/(**)180-17	Lycoming (AE)(I)O-320-Series	2000	72
MTV-12-C-(**)/(**)180-57	Lycoming (I)O-320-Series	2000	72
MTV-12-C-(**)/(**)183-119	Lycoming (AE)(I)O-320-Series	2000	72
MTV-12-D-(**)/(**)180-17	TCM (TS)IO-360-Series	2000	72
MTV-12-D-(**)/(**)183-17	TCM (TS)IO-360-Series	2000	72
MTV-12-D-(**)/(**)183-30	TCM (TS)IO-360-Series	2000	72
MTV-12-D-(**)/(**)188-30	TCM (TS)IO-360-Series	2000	72
MTV-12-D-(**)/(**)188-53	TCM (TS)IO-360-Series	2000	72
MTV-12-D-(**)/(**)188-59	TCM (TS)IO-360-Series	2000	72
MTV-12-D-(**)/(**)188-301	TCM IO-550-Series	2000	72
MTV-12-D-(**)/(**)188-301	Porsche PFM-3200-Series	2000	72
MTV-12-D-(**)/(**)190-53	LOM M 337-Series	2000	72
MTV-12-D-(**)/(**)192-30	Franklin 6A-350-C-Series	2000	72
MTV-12-D-(**)/(**)192-30	Porsche PFM 3200-Series	2000	72
MTV-12-D-(**)/(**)192-119	TCM IO-360-Series	2000	72
MTV-12-D-(**)/(**)192-119	TCM (TS)IO-360-()	2000	72
MTV-12-D-(**)/(**)192-301	Porsche PFM 3200-Series	2000	72
MTV-14-B-(**)/(**)178-36	Lycoming (AE)(I)O-360-Series	1800	72
MTV-14-B-(**)/(**)183-301	Lycoming (AE)(I)O-360-Series	1800	72
MTV-14-B-(**)/(**)185-59	Lycoming (T)(I)O-540-Series	2400	72



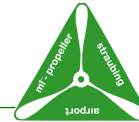
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Propeller <i>Propeller</i>	Triebwerk <i>Engine</i>	Stunden <i>Hours</i>	Monate <i>Months</i>
MTV-14-B-(**)/(**)188-30	Lycoming (AE)(I)O-540-Series	2400	72
MTV-14-B-(**)/(**)190-17	Lycoming (AE)(I)O-540-Series	2400	72
MTV-14-B-(**)/(**)190-17	Lycoming TIO-540-Series	2400	72
MTV-14-B-(**)/(**)190-130	Lycoming (AE)(I)O-580-Series	2400	72
MTV-14-B-(**)/(**)195-30	Lycoming TIO-540-Series	2400	72
MTV-14-B-(**)/(**)195-30	Lycoming (AE)(I)O-540-Series	2400	72
MTV-14-B-(**)/(**)195-30	Lycoming (AE)(I)O-580-Series	2400	72
MTV-14-D-(**)/(**)188-30	TCM (TS)IO-550-, -520- Series	2400	72
MTV-14-D-(**)/(**)188-30g	TCM (TS)(I)O-520-Series	2400	72
MTV-14-D-(**)/(**)190-17	TCM (TS)IO-550-, -520- Series	2400	72
MTV-14-D-(**)/(**)193-53	TCM IO-550-Series	2400	72
MTV-14-D-(**)/(**)195-30	TCM (TS)IO-550-, -520- Series	2400	72
MTV-14-D-(**)/(**)195-30	TCM TSIOL-550- Series	2400	72
MTV-14-D-(**)/(**)195-30	Centurion 4.0 Series	2400	72
MTV-15-B-(**)/(**)183-50	Lycoming (I)O-360 / 390 Series	1800	72
MTV-15-B-(**)/(**)183-402	Lycoming (AE)(I)O-360 / 390-Series	1000	72
MTV-15-B-(**)/(**)188-34	Lycoming (AE)(I)O-360 / 390-Series	1800	72
MTV-15-B-(**)/(**)188-50	Lycoming (AE)(I)O-360 / 390-Series	1800	72
MTV-15-B-(**)/(**)193-25	Lycoming (AE)(I)O-360 / 390-Series	1800	72
MTV-15-B-(**)/(**)193-34	Lycoming (AE)(I)O-360 / 390-Series	1800	72
MTV-15-B-(**)/(**)193-52	Lycoming (AE)(I)O-360 / 390-Series	1800	72
MTV-15-B-(**)/(**)203-58	Lycoming (AE)(I)O-360 / 390-Series	1800	72
MTV-15-B-(**)/(**)205-58	Lycoming (AE)(I)O-360-Series	1800	72
MTV-15-B-(**)/(**)210-58	Lycoming (AE)(I)O-360 / 390-Series	1800	72
MTV-15-B-(**)/(**)210-58	Lycoming (AE)(I)O-360 / 390-Series	1800	72
MTV-15-B-(**)/(**)210-58	Lycoming (I)O-540 Series	1800	72
MTV-15-C-(**)/(**)200-50p	Lycoming (AE)(I)O-320-Series	1800	72
MTV-15-D-(**)/(**)210-58	TCM (TS)IO-520-Series	1800	72
MTV-15-D-(**)/(**)210-58	TCM IO-550-Series	1800	72
MTV-15-D-(**)/(**)210-58	TCM (I)O-470-Series	1800	72
MTV-16-(-)(**)/(**)206-58	Pratt & Whitney PT6-Series	3000	72
MTV-16-(-)(**)/(**)213-58	Walter M 601-Series	3000	72
MTV-16-(-)(**)/(**)225-37	TCM GTSIO-520 Series	2500	72
MTV-16-(-)(**)/(**)230-37	Pratt & Whitney PT6-Series	3000	72
MTV-16-(-)(**)/(**)235-55	Honeywell TPE331- Series	3000	72
MTV-16-(-)(**)/(**)235-55	Pratt & Whitney PT6-Series	3000	72
MTV-16-(-)(**)/(**)240-55	Pratt & Whitney PT6-Series	3000	72
MTV-16-(-)(**)/(**)250-55	Walter M 601-Series	3000	72
MTV-16-(-)(**)/(**)250-55	Pratt & Whitney PT6-Series	3000	72
MTV-16-(-)(**)/(**)250-55	Honeywell TPE331- Series	3000	72
MTV-16-(-)(**)/(**)260-27	Walter M 601-Series	3000	72
MTV-17-C/()162-24	Lycoming (I)O-320-Series	1000	72
MTV-17-C/(**)/(**)183-59	Lycoming (I)O-320-Series	1000	72
MTV-17-C-(**)/(**)190-17	Lycoming (I)O-320-Series	1000	72
MTV-17-C/()190-32	Lycoming (I)O-320-Series	1000	72
MTV-17-D/()183-17	TCM O-300-Series	1000	72



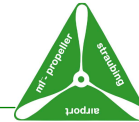
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Propeller Propeller	Triebwerk Engine	Stunden Hours	Monate Months
MTV-18-B-(**)/(**)168-101	Lycoming (I)O-360/390-Series	1800	72
MTV-18-B-(**)/(**)168-101	Delta Hawk DH200V4	1800	72
MTV-18-B-(**)/(**)175-17	Lycoming (I)O-360-Series	1800	72
MTV-18-B-(**)/(**)175-59	Lycoming (I)O-360/390-Series	1800	72
MTV-18-B-(**)/(**)180-17	Lycoming (I)O-360-Series	1800	72
MTV-18-B-(**)/(**)183-17	Lycoming (I)O-360-Series	1800	72
MTV-18-B-(**)/(**)183-59	Lycoming (I)O-340/-360/-370/390-Series	1800	72
MTV-18-B-(**)/(**)188-17	Lycoming (I)O-360-Series	1800	72
MTV-18-B-(**)/(**)188-53	Lycoming (T)(I)O-360-C1A6D	1800	72
MTV-18-B-(**)/(**)188-59	Lycoming (T)(I)O-360/390 Series	1800	72
MTV-18-B-(**)/(**)188-119	Lycoming (I)O-360-Series	1800	72
MTV-18-B-(**)/(**)193-53	Lycoming (I)O-540-()	1800	72
MTV-18-C-(**)/(**)152-40	Lycoming (I)O-320-Series	1000	72
MTV-18-C-(**)/(**)160-40	Lycoming (I)O-320-Series	1000	72
MTV-18-C-(**)/(**)170-119	Lycoming (I)O-320-Series	2000	72
MTV-18-C-(**)/(**)175-119	Lycoming (I)O-320-Series	2000	72
MTV-18-C-(**)/(**)175-17	Lycoming (I)O-320-Series	2000	72
MTV-18-C-(**)/(**)175-36	Lycoming (I)O-320-Series	2000	72
MTV-18-C-(**)/(**)175-59	Lycoming (I)O-320-Series	2000	72
MTV-18-C-(**)/(**)180-17	Lycoming (I)O-320-Series	2000	72
MTV-18-C-(**)/(**)183-119	Lycoming (I)O-320-Series	2000	72
MTV-18-D-(**)/(**)180-17	TCM (TS)IO-360-Series	2000	72
MTV-18-D-(**)/(**)183-17	TCM (TS)IO-360-Series	2000	72
MTV-18-D-(**)/(**)183-30	TCM (TS)IO-360-Series	2000	72
MTV-18-D-(**)/(**)188-30	TCM (TS)IO-360-Series	2000	72
MTV-18-D-(**)/(**)188-53	TCM (TS)IO-360-Series	2000	72
MTV-18-D-(**)/(**)188-301	TCM IO-550-Series	2000	72
MTV-18-D-(**)/(**)188-301	Porsche PFM-3200-Series	2000	72
MTV-18-D-(**)/(**)192-30	Franklin 6A-350-C-Series	2000	72
MTV-18-D-(**)/(**)192-30	Porsche PFM 3200-Series	2000	72
MTV-18-D-(**)/(**)192-119	TCM IO-360-Series	2000	72
MTV-18-D-(**)/(**)192-119	TCM (TS)IO-360-()	2000	72
MTV-18-D-(**)/(**)192-301	Porsche PFM 3200-Series	2000	72
MTV-20-B/()188-50	Lycoming (I)O-360 / 390-Series	1800	72
MTV-20-B/()193-34	Lycoming (I)O-360 / 390-Series	1800	72
MTV-20-B/()210-58	Lycoming (I)O-360 / 390-Series	1800	72
MTV-20-B/()210-58	Lycoming (I)O-390 Series	1800	72
MTV-21-A-(**)/(**)160-03	Rotax 912() or Rotax 914()	2000	72
MTV-21-A-(**)/(**)160-03	Sauer SS-2100-H-Series	1500	72
MTV-21-A-(**)/(**)160-03	Sauer ST-2500-H-Series	1500	72
MTV-21-A-(**)/(**)160-06	Sauer SS-2700-H1S	1500	72
MTV-21-A-(**)/(**)165-112	Rotax 912() or Rotax 914()	2000	72
MTV-21-A-(**)/(**)170-05	Rotax 912() or Rotax 914()	2000	72
MTV-21-A-(**)/(**)170-08	Rotax 912() or Rotax 914()	2000	72
MTV-21-A-(**)/(**)170-08	Sauer ST-2500-H-Series	1500	72
MTV-21-A-(**)/(**)170-125	Rotax 912() or Rotax 914()	2000	72
MTV-21-A-(**)/(**)175-05	Rotax 912() or Rotax 914()	2000	72



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Propeller Propeller	Triebwerk Engine	Stunden Hours	Monate Months
MTV-21-A-(**)/(**)175-12	Rotax 912() or Rotax 914()	2000	72
MTV-21-A-(**)/(**)175-112	Rotax 912() or Rotax 914()	2000	72
MTV-21-A-(**)/(**)178-51	Rotax 912() or Rotax 914()	2000	72
MTV-21-A-(**)/(**)180-05	Rotax 912() or Rotax 914()	2000	72
MTV-21-A-(**)/(**)180-51	Rotax 912() or Rotax 914()	2000	72
MTV-21-D-(**)/(**)175-112	Wilksch WAM-120	1500	72
MTV-22-B-(*)/(*)174-08	Lycoming (I)O-360-Series	1500	72
MTV-22-B-(*)/(*)174-08	Lycoming AEIO-360-Series	500	72
MTV-22-B-(*)/(*)174-12	Lycoming (I)O-360-Series	1500	72
MTV-24-M/()158-16	Rotax 505-A (3:1)	400	72
MTV-25-(**)/(**)165-06	Lycoming (I)O-360-Series	2400	72
MTV-25-(**)/(**)170-23	Lycoming (I)O-540-Series	1500	72
MTV-27-(-)(**)/(**)203-58	Pratt & Whitney PT6-Series	3000	72
MTV-27-(-)(**)/(**)210-58	Pratt & Whitney PT6-Series	3000	72
MTV-27-(-)(**)/(**)210-58	Honeywell TPE331-Series	3000	72
MTV-27-(-)(**)/(**)220-55	Pratt & Whitney PT6-Series	3000	72
MTV-27-(-)(**)/(**)220-121	Diesel (Hovercraft)	2200	60
MTV-27-(-)(**)/(**)225-55	Pratt & Whitney PT6-Series	3000	72
MTV-27-(-)(**)/(**)235-55	Pratt & Whitney PT6-Series	3000	72
MTV-27-(-)(**)/(**)235-55	Honeywell TPE331-Series	3000	72
MTV-27-(-)(**)/(**)240-55	Honeywell TPE331-Series	3000	72
MTV-27-(-)(**)/(**)245-55	Pratt & Whitney PT6-Series	3000	72
MTV-27-(-)(**)/(**)250-55	Honeywell TPE331-Series	3000	72
MTV-27-(-)(**)/(**)250-55	Pratt & Whitney PT6-Series	3000	72
MTV-27-(-)(**)/(**)250-103	Honeywell TPE331-Series	3000	72
MTV-27-(-)(**)/(**)260-65	Pratt & Whitney PT6-Series	3000	72
MTV-27-(-)(**)/(**)260-121	Diesel (Hovercraft)	2200	60
MTV-27-(-)(**)/(**)270-66	Honeywell TPE331-Series	3000	72
MTV-27-(-)(**)-J/(**)285-82	Honeywell TPE331- 14GR/HR	3000	72
MTV-27-(-)(**)-J/(**)300-82	Pratt & Whitney PT6-Series	3000	72
MTV-27-(-)(**)-J/(**)350-132	Diesel (Hovercraft)	1500	60
MTV-33-1-()/170-200	Rotax 912 () or Rotax 914 ()	1000	72
MTV-33-1-()/175-200	Rotax 912 () or Rotax 914 ()	1000	72
MTV-33-1-()/178-200	Rotax 912 () or Rotax 914 ()	1000	72
MTV-34-1-()/164-200	Rotax 912 () or Rotax 914 ()	1000	72
MTV-34-1-()/175-200	Rotax 912 () or Rotax 914 ()	1000	72
MTV-34-1-()/178-200	Rotax 912 () or Rotax 914 ()	1000	72
MTV-36-1-()/180-201	Rotax 912 () or Rotax 914 ()	1000	72



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Propeller Propeller	Triebwerk Engine	Stunden Hours	Monate Months
5404/11C1-0	Conti W-670-Series	1000	72
5404/11C1-6	Conti W-670-Series	1000	72
5404/11C1-6	Jacobs R-755-B2	1000	72
5404/A11C1-0	Lycoming R-680-Series	1000	72
5404/A11C1-6	Lycoming R-680 Series	1000	72
5406/1C1-D	P&W R-985-Series	1000	72
5406/A1C1-D	P&W R-985-Series	1000	72
5406/A1C1-6	P&W R-985-Series	1000	72
5406/A11C1-D	P&W R-985-Series	1000	72

Note:

All propellers which are listed in conjunction with Lycoming IO-360-Series or O-360-Series engines are also valid for the Superior Air Parts, Inc. O-360 and IO-360 engine models (FAA TCDS No. E00001SC).
The same TBO as for the Lycoming engines apply.

**5.2 Überholungsintervalle Regler:
Time Between Overhaul (TBO) Governor:**

Regler Governor	Triebwerk: Engine	Stunden Hours	Monate Months
P-4() - ()	Piston and Turbine engines	2000	72
P-8() - ()	Piston and Turbine engines	2000	72
P-9() - ()	Piston and Turbine engines	2000	72
CSU TAE-125	Thielert TAE-125-01 engine	Life limit published in TM TAE125-0001	

Allison Beta	Triebwerk: Engine	Stunden Hours	Monate Months
P-846	Beta Tube / Oil Transfer Tube	2500	72

**5.3 Überholungszeitvalle Akkumulatoren:
Time Between Overhaul (TBO) Accumulators:**

Akkumulator Accumulator		Stunden Hours	Monate Months
P-447	Oil Accumulator	2000	72
P-726-()	Oil Accumulator	2000	72
P-832-()	Oil Accumulator	2000	72
P-893-()	Oil Accumulator	2000	72
P-905-()	Oil Accumulator	2000	72
P-952-()	Oil Accumulator	2000	72
P-1379-()	Oil Accumulator	2000	72