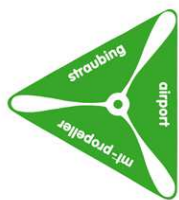


mt-propeller



Type of Aircraft: Maule
EASA STC #: 10042832
FAA STC #: SA03774NY
Aircraft TCDS #:
FAA: A3SO
EASA: EASA.IM.A.018
Propeller TCDS #:
FAA: P24NE
EASA: 32.130/65

Applicable Aircraft M6-235,
M-7-235,
M-7-235B,
MX-7-235,
MT-7-235.

Engine Lycoming (I)O-540(-)

STC Kit Contents

One 3-Blade Constant Speed Propeller	MTV-9-B/198-52
One Full Composite Spinner (AFRP)	P-666-1
One Airplane Flight Manual Supplement	Doc. No. E-2192
One Installation Instruction	Doc. No. E-2193
One Instruction for Continued Airworthiness	Doc. No. E-2194
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-9-B/198-52
Propeller Hub	MTV-9-B
Blade	Milled single-piece aluminum hub
Blade Design	198-52
Installed Propeller & Spinner Weight	Light-weight natural composite
Maximum Diameter	57.1 lbs (25.9 kg)
Minimum Diameter	78 in (198 cm)
TBO	76 in (193 cm)
	According to SB 1 () latest issue

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

2-Blade McCauley / 3-Blade McCauley Propeller
2-Blade Hartzell / 3-Blade Hartzell Propeller

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Enhanced take-off distance by approx. 5 % (MTOW, SL, ISA conditions)
- Enhanced climb performance by approx. 5 % (MTOW, SL, ISA conditions)
- Approx. 2 lbs less weight than the original 2-blade propellers and approx. 25 lbs than the 3-blade propellers.
- Enhanced cruise performance by 2 to 3 kts (MTOW, ISA conditions)
- Unlimited blade life; FOD repairable blades
- Significant inside and outside noise reductions
- In combination with the Gomolzig exhaust muffler MXT 606500 "erhöhter Schallschutz" according to the strict German Noise Regulation LVL is reached with design series equipped with engines turning maximum 2400 rpm.



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