



mt-propeller



Type of Aircraft: Cessna 177
FAA STC #: SA03699NY
EASA STC #: 10054682
Aircraft TCDS #: US A13CE, A20CE
A26EU
Prop TCDS #: P24NE
32.130/65

Applicable Aircraft
Cessna 177A, 177B, 177RG, F177RG
Engine
O-360-Series and IO-360-Series



STC Kit Contents

One 3-Blade Constant Speed Propeller	MTV-9-B/198-52
One Full Composite Spinner (AFRP)	P-666-2
One Airplane Flight Manual Supplement	Doc. No. E-2655
One Installation Instruction	Doc. No. E-2656
One Instruction For Continued Airworthiness	Doc. No. E-2657
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	Scimitar, light-weight natural composite
Maximum Diameter	25,8 kg (56.9 lbs)
Minimum Diameter	198 cm (77.9 in)
TBO	193 cm (76 in)
	According to SB 1 () latest issue

Replaces

All existing McCauley and Hartzell constant speed 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
- Increased performance (MTOW, ISA conditions)
- Unlimited blade life
- FOD repairable blades
- Climb performance improved by 10%
- Approximately 7 kg (15,43 lbs) less weight than the 3-blade metal propeller
- Ground roll & take-off over 50 ft obstacle is reduced by approx. 40 m (0,025 miles)
- Speed increase by 5 MPH!

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