



mt-propeller



Type of Aircraft: PA-18 series
FAA STC #: --
LBA STC #: SA 1479
Aircraft TCDS #: 722
Propeller TCDS #: EASA P.008

Applicable Aircraft
PA-18A, PA-18 "125",
PA-18 "135"
PA-18A "135"
PA-18 "150"
PA-18A "150"

Engines
Lycoming O-320 ()

STC Kit Contents

One 2-Blade Constant Speed Propeller	MTV-17-C/188-53
One Full Composite Spinner (FVK)	P-237-4
One Airplane Flight Manual Supplement	Doc. No. E-3129
One Installation Instruction	Doc. No. E-3130
One Instruction for Continued Airworthiness	Doc. No. E-3131
One Operation and Installation Manual	ATA 61-01-18 (E-118)

Propeller Specifications

Full Propeller Designation	MTV-17-C/188-53
Propeller Hub	MTV-17-C
Blade	Milled single-piece aluminum hub
Blade Design	188-53
Installed Propeller & Spinner Weight	Light-weight natural composite
Maximum Diameter	16,8 g (37 lbs)
	188 cm (74 inch)
	183 cm (72 inch)
Minimum Diameter	No cut-off allowed if Nickel alloy erosion sheath installed/
TBO	According to SB 1 () latest issue

Replaces

Removes existing original fixed pitch propeller!

Advantages

- ✓ Best vibration damping characteristics for almost vibration free propeller operations!
- ✓ Enhanced climb performance up to approx. 10 % (SL, ISA conditions)!
- ✓ Take-Off distance over 50 ft obstacle reduced by up to 7 %!
- ✓ Unlimited blade life!
- ✓ FOD repairable blades!
- ✓ Enhanced cruise performance by up to 5 kts (SL, ISA conditions)!
- ✓ Some Models comply with the strict German Noise Regulations "Landeplatz Lärmschutz Verordnung" for unrestricted operations in Germany and other European Countries!



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