



mt-propeller



Type of Aircraft: Cessna 208
(Blackhawk XP42)
FAA STC #: SA03959NY
EASA STC #: 10058942
Aircraft TCDS #: EASA.IM.A.226
Prop EASA TCDS #: P.001
Prop FAA TCDS #: P27BO

Applicable Aircraft
Cessna 208, 208B
Engines
Pratt & Whitney
PT6A-42A
and optional increased
Gross Weight

STC Kit Contents

One 4-Blade Reversing And Full Feathering Constant Speed Propeller	MTV-16-1-E-C-F-R(P)/CFR250-55a
One Full Composite Spinner (AFRP)	P-659-1
One Airplane Flight Manual Supplement	Doc. #: E-2816
One Installation Instruction	Doc. #: E-2817
One Instruction For Continued Airworthiness	Doc. #: E-2818
One Operation and Installation Manual	ATA 61-06-10 (E-610)

Propeller Specifications

Full Propeller Designation	MTV-16-1-E-C-F-R(P)/CFR250-55a
Propeller Hub	MTV-16-1-E-C-F-R(P)
Blade	Milled single-piece aluminum hub
Blade Design	CFR250-55a
Installed Propeller & Spinner Weight / De-Ice	Scimitar, light-weight natural composite
Maximum Diameter	121.5 lb (55.1 kg)
Minimum Diameter	98.4 in (250 cm)
TBO	98.4 in (250 cm)
	According to SB 1 () latest issue

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

3-Blade Hartzell HC-B3TN-3AE(Y)/T10290N(k)+2

4-Blade Hartzell HC-E4N-3P/D9900(k)

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations!
- Bonded on nickel alloy leading edge for best erosion protection of the blades!
- Equal or better performance!
- Approximately 35 lbs less weight than the original propeller!
- Unlimited blade life!
- Significant inside and outside noise reductions!
- Increased ground clearance for less blade tip erosion!
- FOD repairable blades!
- 3 kts cruise speed increase!



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