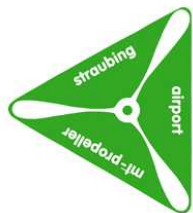


mt-propeller



Type of Aircraft: Cessna 208
FAA STC #: In progress
EASA STC #: A.S.01128
Aircraft TCDS #: A37CE
Propeller TCDS #: P27BO

Applicable Aircraft
Cessna 208, 208A, 208B
Engines
Pratt & Whitney
PT6A-114 and -114A



STC Kit Contents

One 4-Blade Reversing And Full Feathering Constant Speed Propeller	MTV-16-1-E-C-F-R(P)/CFR250-55
One Full Composite Spinner (AFRP)	P-951
One Airplane Flight Manual Supplement	Doc. No. E-1215
One Installation Instruction	Doc. No. E-1326
One Instruction For Continued Airworthiness	Doc. No. E-1216
One Operation and Installation Manual	ATA 61-06-10 (E-610)

Propeller Specifications

Full Propeller Designation	MTV-16-1-E-C-F-R(P)/CFR250-55
Propeller Hub	MTV-16-1-E-C-F-R(P)
	Milled single-piece aluminum hub
Blade	CFR250-55
Blade Design	Scimitar, light-weight natural composite
Installed Propeller & Spinner Weight	116.6 lbs
Maximum Diameter	98.4 in.
Minimum Diameter	98.4 in.
TBO	1500 hrs / 72 month (whichever occurs first)

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

3-Blade McCauley 3GFR34C703/106GA-0
3-Blade Hartzell HC-B3MN-3/M10083

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Take-off distance remains unchanged.
- Enhanced Climb by approx. 5% (SL, ISA conditions)
- Cruise performance remains unchanged.
- Approx. 13 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions
- Increased ground clearance for less blade tip erosion

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