



mt-propeller



Type of Aircraft: Cessna 340, 340A
FAA STC: SA02510NY
EASA STC: EASA A.S.03290
Aircraft TCDS: 3A25
Propeller TCDS: P3BO



Applicable Aircraft

Cessna 340, 340A with RAM VII modification
 (FAA STC SA09574SC)

Engines

Teledyne Continental
 TSIO-520-NB plus engines modified by RAM
 (FAA STC SE09104SC or STC SE09261SC)

STC Kit Contents

Two 4-Blade Full Feathering Constant Speed Propellers	MTV-14-D-C-F/CF188-30g
Two Full Composite Spinner (AFRP)	P-587-1
One Airplane Flight Manual Supplement	Doc. No. E-1529 (EASA + FAA)
One Installation Instruction	Doc. No. E-1530 (EASA + FAA)
One Instruction For Continued Airworthiness	Doc. No. E-1531 (EASA + FAA)
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-14-D-C-F/CF188-30g
Propeller Hub	MTV-14-D-C-F
	Milled single-piece aluminum hub
Blade	CF188-30g
Blade Design	Scimitar, light-weight natural composite
Installed Propeller & Spinner Weight	72.8 lbs each
Maximum Diameter	74 in.
Minimum Diameter	72 in.
TBO	2000 hrs / 72 month (whichever occurs first)

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

3-Blade McCauley and 3-Blade Hartzell propellers

Advantages

- Best vibration dampening 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. -3% (MTOW, SL, ISA)
- Enhanced climb by approx. 5% (MTOW, ISA)
- Cruise performance increased by approx. 3 to 4 kts (MTOW, ISA)
- Approx. 20 lbs less weight than the original propellers
- Unlimited blade life
- FOD repairable blades
- Significant inside and outside noise reductions

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