



mt-propeller



Type of Aircraft: Cessna 340, 340A
FAA STC: SA02510NY
EASA STC: EASA A.S.03290
Aircraft TCDS: 3A25
Propeller TCDS: P3B0



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) |
| One Installation Instruction | Doc. No. E-1530 (EASA) |
| One Instruction For Continued Airworthiness | Doc. No. E-1531 (EASA) |
| 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 |
| Blade | Milled single-piece aluminum hub |
| Blade Design | CF188-30g |
| Installed Propeller & Spinner Weight | Scimitar, light-weight natural composite |
| Maximum Diameter | 72.8 lbs each |
| Minimum Diameter | 74 in. |
| TBO | 72 in. |
| | 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 damping 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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