



mt-propeller



Type of Aircraft: Cessna A185E, F
FAA STC #: SA01296WI
EASA/LBA STC #: SA1391
Aircraft TCDS #: 3A24
Propeller TCDS #: P23BO

Applicable Aircraft
 Cessna A185E, A185F
 Land and Seaplane
Engine
 Teledyne Continental Motor IO-520-D



STC Kit Contents

One 2-Blade Constant Speed Propeller
 One Full Composite Spinner (AFRP)
 One Airplane Flight Manual Supplement
 One Installation Instruction
 One Operation and Installation Manual

MTV-15-D/210-58
 P-271-1-A
 Doc. No. E-1096
 Doc. No. E-1098
 ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
 Propeller Hub

MTV-15-D/210-58
 MTV-15-D
 Milled single-piece aluminum hub
 210-58
 Scimitar, light-weight natural composite
 45 lbs
 82.7 in.
 80.7 in.
 1800 hrs / 72 month (whichever occurs first)

Blade
 Blade Design
 Installed Propeller & Spinner Weight
 Maximum Diameter
 Minimum Diameter
 TBO

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

All existing McCauley and 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
- Shorter take-off distance by approx. -10 % (SL, ISA conditions)
- Enhanced climb by approx. 5% (SL, ISA conditions)
- Cruise performance increased by 3 to 5 kts (MTOW, ISA conditions)
- Approx. 10 lbs to 30 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions

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