



mt-propeller



Type of Aircraft: Cessna 206
FAA STC: SA02846NY
EASA STC: 10029676
EASA Aircraft TCDS: IM.A.053
LBA Prop TCDS: 32.130/103
FAA Aircraft TCDS: A4CE
FAA Prop TCDS: P26BO

Applicable Aircrafts

206H, T206H

Engines

Rolls-Royce 250-B17F/2 Series

STC Kit Contents

| | |
|--|---|
| One 5-Blade Reversing and Full Feathering Constant Speed Propeller | MTV-5-1-D-C-F-R(A)/CFR210-56 |
| One Full Composite Spinner (AFRP) | P-925-B() |
| One Full Composite Spinner (AFRP) | P-629-B() with modified cowling by Soloy |
| One Master Document List | Doc. No. E-1829 |
| One Airplane Flight Manual Supplement | Doc. No. E-1830 |
| One Installation Instruction | Doc. No. E-1831 |
| One Instruction For Continued Airworthiness | Doc. No. E-1832 |
| One Operation and Installation Manual | ATA 61-06-10 (E-610) |

Propeller Specifications

| | |
|--------------------------------------|--|
| Full Propeller Designation | MTV-5-1-D-C-F-R(A)/CFR210-56 |
| Propeller Hub | MTV-5-1-D-C-F-R(A) |
| Blade | Milled single-piece aluminum hub |
| Blade Design | CFR210-56 |
| Installed Propeller & Spinner Weight | Scimitar, light-weight natural composite |
| Maximum Diameter | 50.1 kg (110.5 lbs) |
| Minimum Diameter | 82.7 in. |
| TBO | 80.7 in. |
| | According to SB 1 () latest issue |

Replaces

3-Blade Hartzell HC-B3TF-7A/T10173FN(K)-11R aluminum propeller

Advantages

(Performance data are based on MTOW, ISA)

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy leading edge for best erosion protection of the blades
- No engine modifications
- Ground roll & takeoff distance over 50 ft obstacle is reduced by approx. 90 m (295 ft)
- Climb performance slightly improved
- Very smooth cruising - no speed penalty
- Approx. 6 kg (13 lbs) less weight than the original 3-blade metal propeller
- Unlimited blade life
- More ground clearance for less FODs
- FOD repairable blades
- Significant inside and outside noise reductions
- Complies with strict German noise regulations 2010



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