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STC – DATA v3.1
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



Cessna 206 Mark II with 5-blade MTV-5

STC Kit Contents

One 5-Blade Reversing & 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 - Milled single-piece aluminum hub	MTV-5-1-D-C-F-R(A)
Blade - Scimitar, light-weight natural composite	CFR210-56
Installed Propeller & Spinner Weight	50.1 kg (110.5 lbs)
Maximum / Minimum Diameter	82.7 in. / 80.7 in.
TBO	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