



mt-propeller



Type of Aircraft: Cessna 421C
FAA STC: SA02550NY
EASA STC: EASA A.S.03114
Aircraft TCDS: A7CE
Propeller TCDS: P27BO

Applicable Aircraft

Cessna 421C
Compliance has also been shown for all combinations (and/or) of following FAA STCs: SA438NW, SA5183NM, SA8352SW, SA00015SE, SA5811SW

Engines

Teledyne Continental GTSIO-520-L and -N



STC Kit Contents

Two 4-Blade Full Feathering Constant Speed Propellers
Two Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction For Continued Airworthiness
One Operation and Installation Manual

MTV-16-1-E-C-F/CF225-37a
P-1041
Doc. No. E-1584 (EASA + FAA)
Doc. No. E-1585 (EASA + FAA)
Doc. No. E-1586 (EASA + FAA)
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

MTV-16-1-E-C-F/CF225-37a
MTV-16-1-E-C-F
Milled single-piece aluminum hub
CF225-37a
Scimitar, light-weight natural composite
98 lbs each
88.6 in.
86.6 in.
According to SB 1 () latest issue

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

Replaces

3-Blade McCauley 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 (Mid GW, ISA)
- Approx. 4 lbs less weight than the original propellers
- Unlimited blade life
- FOD repairable blades
- Significant inside and outside noise reductions
- Inside noise is reduced by 5 to 7 dB(A)

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