



mt-propeller



Type of Aircraft: Shorts SC-7
FAA STC #: SA03228AT
EASA/LBA STC #: SA1415
Aircraft TCDS #: A15EU
Propeller TCDS #: P22BO

Applicable Aircraft
Short Brothers SC-7 Series 3
Engines
Garrett TPE331-2-201A
with and without FAA
STC SE383CH



STC Kit Contents

Two 5-Blade Reversing and 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-27-1-E-C-F-R(G)/CFR235-55
P-898
Doc. No. E-1294
Doc. No. E-1301
Doc. No. E-1302
ATA 61-10-06 (E-610)

Propeller Specifications

Full Propeller Designation
Propeller Hub

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

MTV-27-1-E-C-F-R(G)/CFR235-55
MTV-27-1-E-C-F-R(G)
Milled single-piece aluminum hub
CFR235-55
Scimitar, light-weight natural composite
137 lbs each
92.5 in.
92.5 in.
1500 hrs / 72 month (whichever occurs
first)

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

3-Blade Hartzell HC-3BTN-5C/T10282HB

Advantages

- Best vibration damping 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. -3 % (SL, ISA conditions)
- Enhanced climb performance by approx. 10 % (SL, ISA conditions)
- Cruise performance remains unchanged
- Approx. 10 lbs less weight than the original propellers
- Unlimited blade life
- FOD repairable blades
- Significant inside and outside noise reductions
- MT-Propeller modification also includes SC-7s modified with FAA STC SA2458CH

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Certification # EASA.21J.020, DE.21G.0008

www.mt-propeller.com

Certified FAA Repair Station No. Q4MR908Y