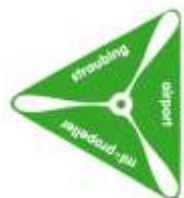


* The Silent 7 *

Shorts SC-7 Series 3 Propeller

Flyer No.: FL-119



mt-propeller



Type of Aircraft: Shorts SC-7
EASA STC #: 10077413
FAA STC #: ---
Aircraft TCDS #: EASA.IM.A.666
EASA TCDS #: P.033

Applicable Aircraft

Viking Air Ltd. SC-7 Series 3

Engines

Honeywell TPE331-2-201A

Honeywell TPE331-2-201A*

engines modified according to FAA STC SE383CH



STC Kit Contents

Two 7-Blade Reversing and Full Feathering Constant Speed Propellers	MTV-37-1-E-C-F-R(G)/CFR228-54()
Two Full Composite Spinner (AFRP)	P-1616
One Airplane Flight Manual Supplement	Doc. No. E-3704
One Installation Instruction	Doc. No. E-3705
One Instruction for Continued Airworthiness	Doc. No. E-3706
One Operation and Installation Manual	ATA 61-10-06 (E-610)

Propeller Specifications

Full Propeller Designation	MTV-37-1-E-C-F-R(G)/CFR228-54()
Propeller Hub	MTV-37-1-E-C-F-R(G)/
Blade	Milled single-piece aluminum hub
Blade Design	CFR228-54()
Installed Propeller & Spinner Weight per Propeller	Scimitar, light-weight natural composite
Propeller Diameter	74,2 kg (163.6 lbs)
TBO	228 cm (89.76 inch)
	According to SB 1 () latest issue

Replaces

Removes the original propellers and the appropriate Spinners, replacing it with the MTV-37-1-E-C-F-R(G)/CFR228-54 propellers and appropriate spinners

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy leading edge for best erosion protection of the blades
- Shorter take-off distance by approx. -5 % (SL, ISA conditions)
- Enhanced climb performance by approx. 10 % (SL, ISA conditions)
- Cruise performance remains unchanged
- Unlimited blade life
- FOD repairable blades
- Quicker engine start, reduced ITT / EGT during engine start.
- Significant inside and outside noise reductions
- Comply with the strict German noise regulations 2010 - „Landeplatz Lärmschutz Verordnung“ for unrestricted airport operations in Germany and other European Countries

MT-Propeller Entwicklung GmbH
 Flugplatzstr. 1
 94348 Atting / Germany

Phone: +49 (0) 9429 9409 0
 Fax: +49 (0) 9429 8432
 sales@mt-propeller.com

MT-Propeller USA, Inc.
 1180 Airport Terminal Drive
 DeLand, Florida 32724

Phone: (386) 736-7762
 Fax: (386) 736-7696
 info@mt-propellerusa.com