



mt-propeller



Type of Aircraft:
DHC-6 (Twin Otter)
Viking Air Ltd.

EASA STC #: 10043964
FAA STC #: SA03368NY
Aircraft TCDS #: A9EA
Canada: Canada A-82
EASA EASA.IM.A.575
Propeller TCDS #:
FAA: P27BO
Canada: P-44
EASA EASA P.001

Applicable Aircraft:
DHC-6 series 1, 100, 110, 200, 210,
DHC-6 series 300, 310, 320, 400

Engine:
Pratt & Whitney Canada; 2 engines
PT6A-20: DHC-6 -1, 100, -200, 210
PT6A-27: DHC-6 -300, 310, -320
PT6A-34: DHC-6 -400
PT6A-34: all DHC-6 series if modified by
appropriate STC.

STC Kit Contents
Two 4-Blade Full Feathering, Reversing,
Counter-Weighted, Hydraulically Actuated
Constant Speed Propeller
One Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction for Continued Airworthiness
One Operation and Installation Manual

Propeller Specification
Full Propeller Designation
Propeller Hub

Blade
Blade Design
Installed Propeller & Spinner Weight & De-Ice
Installed Propeller & Spinner w/o De-Ice
Diameter

TBO

Replaces

3-Blade Hartzell Propeller

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy for best erosion protection of the blades
- *Enhanced take-off distance by approx. 5 % (MTOW, SL, ISA conditions)*
- *Enhanced climb performance by approx. 5 % (MTOW, SL, ISA conditions)*
- *Enhanced cruise performance by 2 to 3 kts (MTOW, ISA)*
- Unlimited blade life; FOD repairable blades
- Cooler ITTs during engine start up, therefore less engine wear and reduced risk of hot start!
- Significant inside and outside noise reductions by up to 8 dB(A)



MTV-16-1-E-C-F-R(P)/CFR240-55

P-659-D

Doc. No. E-2293

Doc. No. E-2294

Doc. No. E-2295

ATA 61-06-10 (E-610)

MTV-16-1-E-C-F-R(P)/CFR240-55

MTV-16-1-E-C-F-R(P)/

Milled single-piece aluminum hub

CFR240-55

Light-weight natural composite

245.8 lbs (111.5 kg)

237.0 lbs (107.5 kg)

94.5 in (240 cm)

*(No cut off allowed when Nickel Erosion Sheet
is installed)!*

According to SB 1 () latest issue

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