

# Flight-Resource

A Division of  **McFarlane**

**World's Largest MT-Propeller Distributor**



**De Havilland  
DHC-6 (Twin Otter) Viking Air Ltd.  
Mitsubishi Heavy Industries Ltd.  
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.**

## 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)

## STC Kit Contents: FAA STC: S03368NY

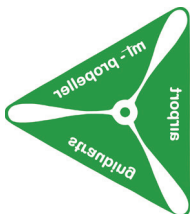
- Two 4-Blade Full Feathering, Reversing, Counter-Weighted, Hydraulically Actuated Constant Speed Propeller MTV-16-1-E-C-F-R(P)/CFR240-55
- One Full Composite Spinner (AFRP) P-659-D
- One Airplane Flight Manual Supplement Doc. No. E-2293
- One Installation Instruction Doc. No. E-2294
- One Instruction for Continued Airworthiness Doc. No. E-2295
- One Operation and Installation Manual ATA 61-06-10 (E-610)

## Propeller Specifications:

- Full Propeller Designation MTV-16-1-E-C-F-R(P)/CFR240-55
- Propeller Hub MTV-16-1-E-C-F-R(P)/  
Milled single-piece aluminum hub  
CFR240-55
- Blade 245.8 lbs (111.5 kg)
- Blade Design Light-weight natural composite 237.0 lbs (107.5 kg)
- Installed Propeller & Spinner Weight & De-Ice 94.5 in (240 cm)
- Installed Propeller & Spinner w/o De-Ice (No cut off allowed when Nickel Erosion Sheet is installed)
- Diameter According to SB 1 ( ) latest issue
- TBO

**Replaces:** 3-Blade Hartzell Propeller

**mt-propeller**



To learn more about this prop  
**866-717-1117**  
[www.Flight-Resource.com](http://www.Flight-Resource.com)

For other products  
**800-544-8594**  
[www.McFarlaneAviation.com](http://www.McFarlaneAviation.com)