

# Q F J - Propeller for the MU-2B

## - Quiet Fan Jet Propeller Series -

Flyer No.: FL-064  
February 07, 2022



# mt-propeller



**Type of Aircraft:**  
**MU-2B series**  
(2000 rpm)

**EASA STC #:** 10043855  
**FAA STC #:** SA03315NY  
**Aircraft TCDS #:**  
**FAA** A10SW  
**EASA**  
**Propeller TCDS #:**  
**FAA** P22BO  
**EASA** EASA P.104



### Applicable Aircraft:

Mitsubishi Heavy Industries, Ltd. Models:  
MU-2B-20, MU-2B-25, MU-2B-26,  
MU-2B-30, MU-2B-35, MU-2B-36,

### Engine:

Honeywell, USA  
TPE331-25AA, TPE331-1-151A,  
TPE331-6(A)-251M or -252M  
TPE331-10-( ) installed per approved STCs which  
do not exceed 715 shp and 2000 rpm

### STC Kit Contents

Two 5-Blade Full Feathering Constant Speed Propeller	MTV-27-1-E-C-F-R(G)/CFR210-58d
One Full Composite Spinner (AFRP)	P-1266
One Airplane Flight Manual Supplement	Doc. No. E-2245
One Installation Instruction	Doc. No. E-2246
One Instruction for Continued Airworthiness	Doc. No. E-2247
One Operation and Installation Manual	ATA 61-06-10 (E-610)

### Propeller Specification

Full Propeller Designation	MTV-27-1-E-C-F-R(G)/CFR210-58d
Propeller Hub	MTV-27-1-E-C-F-R(G)
Blade	Milled single-piece aluminum hub
Blade Design	CFR210-58d
Installed Propeller & Spinner Weight & De-Ice Diameter	Light-weight natural composite
	283,6 lbs (128,6 kg)
	82,6 in (210 cm)
	<i>No cut off allowed when Nickel Alloy Erosion sheath is installed!</i>
TBO	According to SB 1 ( ) latest issue

### 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
- Reduced take-off distance by approx. 5 % (MTOW, SL, ISA conditions)
- Enhanced climb performance by approx. 5 % (MTOW, SL, ISA conditions)
- 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)
- Unbeatable esthetic ramp appeal!
- Lighter than the original propellers by 22 lbs (10 kg)

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