

Q F J - Propeller for the MU-2B

- Quiet Fan Jet Propeller Series -

Flyer No.: FL-063
February 07, 2022



mt-propeller



Type of Aircraft:
MU-2B series
(1591 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.
MU-2B-26A, MU-2B-36A, MU-2B-40, MU-2B-60;

Engine:

Honeywell, USA
TPE331-10-501M or TPE331-10-511M or
TPE331-5-252M or any TPE331-() installed per
approved STCS which do not exceed 715 shp and
1591 rpm.

STC Kit Contents

Two 5-Blade Full Feathering Constant Speed Propeller	MTV-27-1-E-C-F-R(G)/CFRL240-55d
One Full Composite Spinner (AFRP)	P-1266
One Airplane Flight Manual Supplement	Doc. No. E-2305
One Installation Instruction	Doc. No. E-2306
One Instruction for Continued Airworthiness	Doc. No. E-2307
One Operation and Installation Manual	ATA 61-06-10 (E-610)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade	MTV-27-1-E-C-F-R(G)/CFRL240-55d
Blade Design	MTV-27-1-E-C-F-R(G)
Installed Propeller & Spinner Weight & De-Ice Diameter	Milled single-piece aluminum hub CFRL240-55d Light-weight natural composite 316.1 lbs (143.4 kg) 94.5 in (240 cm) <i>No cut off allowed when Nickel Alloy Erosion sheat. is installed!</i>

TBO According to SB 1 () latest issue

Replaces

4-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)
- Enhanced cruise performance by 3 to 4 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)
- Unbeatable esthetic ramp appeal!
- Lighter than the original propellers by 22 lbs (10 kg)

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