Q F J - Propeller for the DO228

- Quiet Fan Jet Propeller Series -

Type of Aircraft:	**Dornier 228**
FAA STC #:	**SA03052NY**
EASA STC #:	**A.S.02755**
A/C FAA TCDS #:	**A16EU**
Prop FAA TCDS #:	**P27BO**

Applicable Aircraft
Do228 Series
Engines
Honeywell TPE331-5( )-252D or
TPE331-10( )-511D

STC Kit Contents

Two 5-Blade Reversing and Full Feathering Constant Speed Propeller	MTV-27-1-E-C-F-R(G)/CFRL250-55b
Two Full Composite Spinner (AFRP)	P-898-1
One AFM Supplement	Doc. No. E-1435 (EASA)
One Installation Instruction	Doc. No. E-1436 (EASA)
One Instruction for Continued Airworthiness	Doc. No. E-1437 (EASA)
One Operation and Installation Manual	ATA 61-06-10 (E-610)

Propeller Specifications

Full Propeller Designation	MTV-27-1-E-C-F-R(G)/CFRL250-55b
Propeller Hub	MTV-27-1-E-C-F-R(G)
	Milled single-piece aluminum hub
Blade (ccw rotation)	CFRL250-55b
Blade Design	Scimitar, light-weight natural composite
Installed Propellers & Spinner Total Weight	308.7 lbs
Maximum Diameter	98.4 in.
Minimum Diameter	98.4 in.
TBO	According to SB 1 ( ) latest issue

Replaces

4-Blade Hartzell HC-B4TN-5ML/LT10574( ) propellers

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Take-off distance over 35 ft obstacle unchanged (SL, ISA, MTOW)
- Climb performance unchanged (ISA, MTOW)
- Cruise performance enhanced by 2 to 3 kts
- Approx. 80 lbs less total weight than the original propellers
- Unlimited blade life, no current ADs
- FOD repairable blades
- Significant inside (by 3 to 4 dB(A)) and outside noise reductions, jet aircraft feeling
- Meets enhanced German noise restrictions
- Quicker engine start, reduced ITT / EGT during engine start