

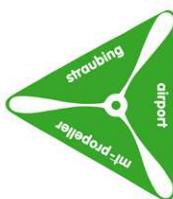
# Q F J - Propeller for the TBM 900

- Quiet Fan Jet Propeller Series -

Flyer No.: FL-085



mt-propeller



Type of Aircraft: **TBM 900**  
FAA STC: **SA02958NY**  
EASA STC: **10033038 R1**  
ANAC STC: **2012S07-07**  
FAA / EASA  
Aircraft TCDS: **A60EU / EASA.A.10**  
FAA / EASA  
Propeller TCDS: **P22BO / P.104**



## Applicable Aircrafts

Socata Model  
TBM700 N (Tradename: TBM 900)

## Engines

P&WC PT6A-66D

## STC Kit Contents

One 5-Blade Full Feathering Constant Speed Propeller	MTV-27-1-E-C-F-R(P)/CFR225-55f
One Full Composite Spinner (AFRP)	P-1395
One Airplane Flight Manual Supplement	Doc. No. E-1878
One Installation Instruction	Doc. No. E-1879
One Instruction For Continued Airworthiness	Doc. No. E-1880
One Operation and Installation Manual	ATA 61-06-10 (E-610)

## Propeller Specifications

Full Propeller Designation	MTV-27-1-E-C-F-R(P)/CFR225-55f
Propeller Hub	MTV-27-1-E-C-F-R(P) Milled single-piece aluminum hub CFR225-55f

Blade Design  
Propeller De-Ice  
Installed Propeller & Spinner Weight  
Maximum Diameter  
Minimum Diameter  
TBO

Scimitar, light-weight natural composite  
Electro-thermal de-ice boots  
146.6 lbs (propeller with de-ice)  
88.6 in.  
86.6 in.  
According to SB 1 ( ) latest issue

## Replaces

5-Blade Hartzell composite propeller

## Advantages (Performance data are based on MTOW, ISA)

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy leading edge for best erosion protection of the blades
- Approx. 18 lbs less weight than the original composite propeller
- Cooler ITT on ground with condition lever at low and high idle position
- No propeller speed restrictions on ground while operating in low idle
- Unlimited blade life
- More ground clearance => less FODs
- FOD repairable blades
- Significant cabin noise and vibration reduction
- All models comply with the strict German noise regulations 2010- „Landeplatz Lärmschutz Verordnung“ for unrestricted airport operations in Germany and other European Countries.

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