

# Flight-Resource

A Division of  McFarlane

World's Largest MT-Propeller Distributor



## Jetstream 31/32

Quiet Fat Jet Propeller Series

BAE Systems Jetstream 3100 & 3200 Series

Engine: TPE331-10UF-51( )H, -10UR-51( )H,  
-10UG-51( )H, -10UGR-51( )H, TPE331-12UA-71( )H,  
-12UAR-71( )H, -12UHR-71( )H

**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
- No engine modifications (no cam or beta tube change)
- Ground roll distance reduced by approx. 130 m
- Take-off distance over 50 ft obstacle reduced by approx. 100 m
- Two engine and single engine climb performance slightly improved by up to 80 ft/min
- High Speed Cruise is slightly improved by up to 4 kts (15000 ft, ISA, 14500 lbs)
- Approx. 65 lbs less weight than the original metal propellers
- Unlimited blade life
- More ground clearance for less FODs
- FOD repairable blades
- Significant inside and outside noise reductions
- Aircraft noise level is about 3 dB(A) less than with the original metal propellers
- Cabin noise is reduced by 3 to 4 dB(A) depending on location

**STC Kit Contents: EASA STC: 10027439**

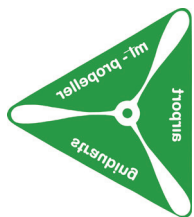
- Two 5-Blade Reversing and Full Feathering Constant Speed Propeller  
MTV-27-1-E-C-F-R(G)/CFRL250-103
- Two Full Composite Spinner  
(AFRP) P-1096-( )
- One Master Document List  
Doc. No. E-1764 (EASA)
- One Airplane Flight Manual Supplement  
Doc. No. E-1765 (EASA)
- One Installation Instruction  
Doc. No. E-1766 (EASA)
- One Instruction For Continued Airworthiness  
Doc. No. E-1767 (EASA)
- One Operation and Installation Manual  
ATA 61-06-10 (E-610)
- One Supplement to MOM Part 1  
Doc. No. E-1797 (EASA)
- One Supplement to MOM Part 2  
Doc. No. E-1798 (EASA)

**Propeller Specifications:**

- Full Propeller Designation  
MTV-27-1-E-C-F-R(G)/CFRL250-103
- Propeller Hub  
MTV-27-1-E-C-F-R(G)  
Milled single-piece aluminum hub  
CFRL250-103
- Blade  
Scimitar, light-weight natural composite
- Blade Design  
308.6 lbs
- Installed Propeller & Spinner Weight  
98.4 in.
- Maximum Diameter  
98.4 in.
- Minimum Diameter  
According to SB 1 ( ) latest issue
- TBO

**Replaces:** 4-Blade Dowty Rotol and 4-Blade McCauley propellers (Diameter: 106 in.)

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)