

# Flight-Resource

A Division of **McFarlane**

**World's Largest MT-Propeller Distributor**



## **Twin Commander 690/695 Series**

**Twin Commander 600 Series Model:**

**690, 690A, 690B, 690C, 690D, 695, 695A, 695B**

### **Quiet Fan Jet Propeller Series**

**Engine: Honeywell, USA TPE-331-5-( ) or TPE-331-10-( ) or TPE-331-10T-( ) or any TPE-331-( ) installed per approved STC which do not exceed 820SHP and 1591 rpm.**

#### **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. 10 % (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
- Unbeatable esthetic ramp appeal
- Lighter than the original propellers by 8 kg (17,7 lbs) per propeller assembly
- Significant inside and outside noise reduction! Cabin noise reduction between 3-5 dB(A)
- The STC complies with the strict German noise regulations 2010 - „Lärmschutz-Lärmschutz Verordnung“ for unrestricted airport operations in Germany and other European Countries

#### **STC Kit Contents: FAA STC #: A03933NY**

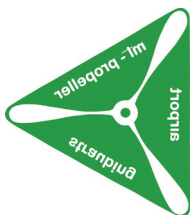
- Two 5-Blade Full Feathering Constant Speed Propeller
  - One Full Composite Spinner
  - One Airplane Flight Manual Supplement
  - One Installation Instruction
  - One Instruction for Continued Airworthiness
  - One Operation and Installation Manual
- MTV-27-1-E-C-F-R(G)/CFRL240-55d  
(AFRP) P-1266  
Doc. No. E-2959  
Doc. No. E-2960  
Doc. No. E-2961  
ATA 61-06-10 (E-610)

#### **Propeller Specifications:**

- Full Propeller Designation
  - Propeller Hub
  - Blade
  - Blade Design
  - Installed Propeller & Spinner Weight
  - Diameter
- MTV-27-1-E-C-F-R(G)/CFRL240-55d  
MTV-27-1-E-C-F-R(G)  
Milled single-piece aluminum hub  
CFRL240-55d  
Light-weight natural composite  
143,4 kg (316.1 lbs)  
240 cm (94.5 inch) Cut-off to 235 cm  
(92.5 inches) allowed for repair.  
No cut off allowed when nickel alloy  
erosion sheath is installed!  
According to SB 1 ( ) latest issu
- TBO

**Replaces:** The original Hartzell or Dowty propellers and the appropriate spinners

mt-propeller



**To learn more about this prop**  
**866-717-1117**  
**www.Flight-Resource.com**

**For other products**  
**800-544-8594**  
**www.McFarlaneAviation.com**