

# Flight-Resource

A Division of **McFarlane**

World's Largest MT-Propeller Distributor



## SA226/SA227

SA226-T(B), SA227-TT, -AC -AT, -CC,-BC, -DC

Quiet Fan Jet Series

Engine: TPE331-10U-( ), TPE331-11U-( ), TPE331-12UA-( ), TPE331-12UAR-( ), and TPE331-12-UHR-( )

**Advantages:** (Performance data is 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. 50 m (165 ft)
- Take-off distance over 50 ft obstacle reduced by approx. 80 m (260 ft)
- Two engine and single engine climb performance slightly improved by up to 80 ft/min
- Cruise performance slightly improved by up to 2 kts
- Approx. 65 lbs less weight than the original metal propellers
- Unlimited blade life, FOD repairable blades
- More ground clearance for less FODs
- Significant inside and outside noise reductions
- Aircraft noise level is about 5 dB(A) less than with the original metal propellers
- Cabin noise is reduced by 3 to 4 dB(A) depending on location
- Cooler ITTS during engine start up due to a shorter starting time of 1/3

### STC Kit Contents: FAA STC: A03893AT

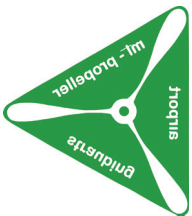
- Two 5-Blade Reversing and Full Feathering Constant Speed Propeller
- Two Full Composite Spinner (AFRP)
- One Airplane Flight Manual Supplement
- One Installation Instruction
- One Instruction For Continued Airworthiness
- One Operation and Installation Manual

### 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)<br>Milled single-piece aluminum hub<br>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:** RotoL and 4-Blade McCauley and 4-blade Hartzell 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

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