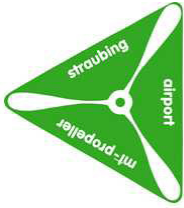


# Flight-Resource, LLC

World's Largest Volume MT Propeller Distributor

www.Flight-Resource.com

1-866-717-1117



Type of Aircraft:  
**Piper PA-42-1000  
Cheyenne 400LS**

FAA STC #: SA03487AT

Applicable Engines:  
**Honeywell TPE331-14A/B**



mt-propeller



## STC Kit Contents

Two 5-Blade Reversing & Full Feathering Composite Constant Speed Propellers

Two Composite Kevlar Spinners (P-1006)

Includes Electric De-Ice Boots

Assembly, Initial Installation and dynamic balancing available

One AFM Supplement Doc. No. E-1473

One Installation Instruction Doc. No. E-1474

One Instruction For Continued Airworthiness Doc. No. E-1475

One Operation and Installation Manual ATA 61-06-10 (E-610)

## Propeller Specifications

Propeller Hub

CNC Milled single-piece aluminum hub

Blade Design

Scimitar, light-weight composite

Installed Total Weight

329 lbs

Maximum Diameter

98.4 in.

Minimum Diameter

98.4 in.

TBO

3000 hrs / 72 month (whichever occurs first),

Includes Free O/H at 1500 hrs.

## Replaces

4-Blade Dowty RotoL R341/4-123-F/9, R339/4-123-F/8

## Advantages:

- Best vibration damping characteristics for almost vibration free propeller operations
- Stainless steel leading edge for best erosion protection of the blades
- Take-off distance over 50 ft obstacle reduced by approx. 5% (SL, ISA, MTOW)
- Enhanced climb by approx. 5% (SL, ISA conditions, MTOW) increasing by altitude
- Enhanced cruising speeds by approx. 5 to 10 kts (ISA, FL250, 11500 lbs GW)
- Approx. 52 lbs less total weight than the original propellers
- Unlimited blade life - FOD repairable blades
- Significant inside and outside noise reductions, jet aircraft feeling
- Faster and easier starts
- Dramatically Lower cost of overhaul

## Pricing:

\$113,200 including trade of 2 Dowty propellers \*

\$220,000 outright with no trade\*

\* Freight, Assembly and Installation extra.