



# mt-propeller



**Type of Aircraft:** Piper PA-46-350P  
**FAA STC #:** SA01654AT  
**EASA/LBA STC #:** SA0626  
**Aircraft TCDS #:** A25SO  
**Propeller TCDS #:** P3BO

Applicable Aircraft  
 Piper PA-46-350P

Engine  
 Lycoming TIO-540-AE2A



## STC Kit Contents

One 3-Blade Constant Speed Propeller	MTV-14-B/195-30a
One Full Composite Spinner (AFRP)	P-449
One Airplane Flight Manual Supplement	VK E-466E
One Installation Instruction	VK E-467E
One Operation and Installation Manual	ATA 61-01-24 (E-124)

## Propeller Specifications

Full Propeller Designation	MTV-14-B/195-30a
Propeller Hub	MTV-14-B
Blade	Milled single-piece aluminum hub
Blade Design	195-30a
Installed Propeller & Spinner Weight	Light-weight natural composite
Maximum Diameter	61 lbs
Minimum Diameter	76.8 in.
TBO	74.8 in.
	1800 hrs / 72 month (whichever occurs first)

## Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

## Replaces

Hartzell HC-I2YR-1BF/F8074(K) propeller

## Advantages

- Best vibration dampening characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Shorter take-off distance by approx. -5 % (SL, ISA conditions)
- Enhanced climb and cruise performance by approx. 5 to 10% (SL, ISA conditions)
- Enhanced cruise performance by 3 to 5 kts (MTOW, ISA conditions)
- Unlimited blade life
- Significant inside and outside noise reductions

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