



# mt-propeller



**Type of Aircraft:** Beech A36  
„Tradewind“

**EASA STC:** 10051683

**FAA STC:** SA03535NY

**FAA Aircraft TCDS:** 3A15

**LBA Prop TCDS:** 32.130/103

**FAA Prop TCDS:** P26BO

### Applicable Aircrafts

A36 equipped with Rolls Royce 250-B17( ) turbine



### STC Kit Contents

One 5-Blade Reversing and Full Feathering Constant Speed Propeller	MTV-5-1-D-C-F-R(A)/CFR210-56
One Full Composite Spinner (AFRP)	P-925-3
One Master Operation Manual List	Doc. No. E-2433
One Airplane Flight Manual Supplement	Doc. No. E-2434
One Installation Instruction	Doc. No. E-2435
One Instruction for Continued Airworthiness	Doc. No. E-2436
One Operation and Installation Manual	ATA 61-06-10 (E-610)

### Propeller Specifications

Full Propeller Designation	MTV-5-1-D-C-F-R(A)/CFR210-56
Propeller Hub	MTV-5-1-D-C-F-R(A)
	Milled single-piece aluminum hub
Blade	CFR210-56
Blade Design	Scimitar, light-weight natural composite
Propeller De-Ice	Electro-thermal de-ice boots
Installed Propeller & Spinner Weight	51,8 kg (114.2 lb)
Diameter	80.7 in.
TBO	According to SB 1 ( ) latest issue

### Replaces

3-Blade Hartzell

### 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
- Ground roll & takeoff distance over 50 ft obstacle is reduced by more than 10%
- Climb performance increased by 3%
- Increased cruise performance by 3-4 kts
- Approx. 4 kg (9 lb) less weight than the original 3-blade metal propeller
- Unlimited blade life
- More ground clearance for less FODs
- FOD repairable blades
- Significant inside and outside noise reductions
- Complies with strict German noise regulations 2010
- Unbeatable esthetic ramp appeal

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