



# mt-propeller



**Type of Aircraft:** Cessna A185E, F  
**FAA STC #:** SA01296WI  
**EASA/LBA STC #:** SA1391  
**Aircraft TCDS #:** 3A24  
**Propeller TCDS #:** P24NE

Applicable Aircraft  
 Cessna A185E, A185F  
 Land and Seaplane  
Engine  
 Teledyne Continental Motor IO-520-D



## STC Kit Contents

One 3-Blade Constant Speed Propeller	MTV-9-D/210-58
One Full Composite Spinner (AFRP)	P-435-1
One Airplane Flight Manual Supplement	Doc. No. E-1096
One Installation Instruction	Doc. No. E-1097
One Operation and Installation Manual	ATA 61-01-24 (E-124)

## Propeller Specifications

Full Propeller Designation	MTV-9-D/210-58
Propeller Hub	MTV-9-D
	Milled single-piece aluminum hub
Blade	210-58
Blade Design	Scimitar, light-weight natural composite
Installed Propeller & Spinner Weight	57 lbs
Maximum Diameter	82.7 in.
Minimum Diameter	80.7 in.
TBO	1800 hrs / 72 month (whichever occurs first)

## Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

## Replaces

All existing McCauley and Hartzell propellers

## 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. -10 % (SL, ISA conditions)
- Enhanced climb by approx. 5% (SL, ISA conditions)
- Cruise performance increased by 3 to 5 kts (MTOW, ISA conditions)
- Approx. 5 lbs to 20 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions

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