



mt-propeller



Type of Aircraft: DA 20-C1
EASA STC: A.S.01404
FAA STC: SA03373AT
TCCA (Canada) STC: SA07-41
ANAC (Brazil) STC: 2012S06-09

Aircraft FAA TCDS: TA4CH
Prop EASA TCDS: P.006
Prop FAA TCDS: P19BO



Engines

Teledyne Continental Motors IO-240-B

STC Kit Contents

One 2-Blade Wooden Fixed Pitch Propeller	MT 175 R 150-2Ca
One Full Composite Spinner Assy (AFRP)	P-693-D
One AFM Supplement	Doc. No. E-1255 (EASA), E-1342 (FAA)
One Installation Instruction	Doc. No. E-1257 (EASA), E-1343 (FAA)
One Instruction For Continued Airworthiness	Doc. No. E-1281 (EASA), E-1344 (FAA)
One Operation and Installation Manual	ATA 61-01-12 (E-112)

Propeller Specifications

Full Propeller Designation	MT 175 R 150-2Ca
Blade Design	Ashwood
Installed Propellers & Spinner Total Weight	21 lbs
Maximum / Minimum Diameter	68.9 in. (175 cm)
Inspection	On Condition, no calendar time limitation

Replaces

Sensenich wooden fixed pitch propeller

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Take-off and climb performance remain unchanged (ISA conditions, MTOW)
- Enhanced cruising speeds by approx. 5 to 8 kts (ISA conditions, MTOW)
- Installed Propellers & Spinner Total Weight remain unchanged
- Unlimited blade life
- Significant inside and outside noise reductions
- FOD repairable blades

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