



mt-propeller



Type of Aircraft: Bonanza 33, 35, 36
FAA STC: --
EASA STC: 10064631 R1
EASA Aircraft TCDS: EASA.IM.A.279
US Aircraft TCDS: US 3A15
LBA Prop TCDS: 32.130/65
FAA Prop TCDS: P24NE

Applicable Aircrafts

35-C33A, 36, A36, E33A, E33C, F33A, F33C, S35,
V35 (TC), V35A (TC)
V35B (TC), G36, A36TC, B36TC;

Engines

Continental
IO-520-B, -BA, -BB
IO-550-B
TSIO-520-D, -UB;

STC Kit Contents

One 3-Blade Constant Speed Propeller	MTV-9-D/200-58
One Full Composite Spinner (AFRP)	P-512-7
One Master Document List	Doc. No. E-2930
One Airplane Flight Manual Supplement	Doc. No. E-2931
One Installation Instruction	Doc. No. E-2932
One Instruction For Continued Airworthiness	Doc. No. E-2933
One Operation and Installation Manual	ATA 61-24-10 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-9-D/200-58
Propeller Hub	MTV-9-D
Blade	Milled single-piece aluminum hub
Blade Design	200-58
Installed Propeller & Spinner Weight	Scimitar, light-weight natural composite
Propeller Diameter	26,8 kg (59,1 lbs)
Minimum Diameter	200 cm (78,74 in)
TBO	195 cm (76.80 in)
	According to SB 1 () latest issue

Replaces

Replaces the original constant speed propeller!

Advantages

(Performance data are based on MTOW, ISA)

- Best vibration damping characteristics for almost vibration free propeller operations!
- Take-off distance over 50 ft obstacle reduced by up to 3%!
- Very smooth cruising - no speed penalty!
- Approximately 10,2 kg (22,5 lbs) 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!
- MTOW increase eligible in combination with J.L. Osborne Wing Tip Tanks on most models!



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