



mt-propeller



Type of Aircraft: GA8
GA8-TC 320
EASA STC #: 10043965 R1
FAA STC #: SA03845NY
Aircraft TCDS #:
FAA A00011LA
EASA IM.A.042
Propeller TCDS #:
FAA P24NE
EASA 32.130/65

Applicable Aircraft: GA8-TC 320
GA8

Engine Lyc. TIO-540()
Lyc. IO-540()

STC Kit Contents

One 3-Blade Constant Speed Propeller
One Full Composite Spinner (AFRP)

MTV-9-B/200-58
P-512-C

One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction for Continued Airworthiness
One Operation and Installation Manual

Doc. No. E-2214 / E-2642
Doc. No. E-2215 / E-2643
Doc. No. E-2216 / E-2644
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade
Blade Design
Installed Propeller & Spinner Weight
Maximum Diameter
Minimum Diameter
TBO

MTV-9-B/200-58
MTV-9-B
Milled single-piece aluminum hub
200-58
Light-weight natural composite
58.4 lbs (26,5 kg)
78.7 in (200 cm)
76.7 in (195 cm)
According to SB 1 () latest issue

Replaces

2-Blade or 3-Blade Hartzell 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!
- Enhanced take-off distance by approx. 5 % (MTOW, SL, ISA conditions)!
- Enhanced climb performance by approx. 5 % (MTOW, SL, ISA conditions)!
- Approx. 25 lbs less weight than the original 3-blade propeller!
- Enhanced cruise performance by 2 to 3 kts (MTOW, ISA conditions)!
- Unlimited blade life; FOD repairable blades!
- Significant inside and outside noise reductions
- TIO-540 powered models with a MTOW of 1814 kg comply with the strict!
German Noise Regulations 2010 - „Landeplatz Lärmschutz Verordnung“ for
unrestricted airport operations in Germany and other European Countries!



MT-Propeller Entwicklung GmbH
Flugplatzstr. 1
94348 Atting / Germany

Phone: +49 (0) 9429 9409 0
Fax: +49 (0) 9429 8432
sales@mt-propeller.com

MT-Propeller USA, Inc.
1180 Airport Terminal Drive
DeLand, Florida 32724

Phone: (386) 736-7762
Fax: (386) 736-7696
info@mt-propellerusa.com
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