



mt-propeller



Type of Aircraft: Rockwell
Commander
FAA STC: SA03657NY
EASA STC: 10054490
EASA Aircraft TCDS:
LBA Prop TCDS: 32.130/65
FAA Aircraft TCDS: A12SO
FAA Prop TCDS: P24NE



Applicable Aircrafts
Models 114, 114A, 114B, 114TC

Engines
Lycoming Engines
IO-540-T4A5D, IO-540-T4B5D, IO-540-T4B5
and TIO-540-AG1A

STC Kit Contents

One 3-Blade Reversing and Full Feathering Constant Speed Propeller	MTV-9-B/198-52
One Full Composite Spinner (AFRP)	P-285-6 for Models 114, 114A and 114B P-1036-3 for Model 114TC
One Master Document List	Doc. No. E-2557
One Airplane Flight Manual Supplement	Doc. No. E-2553
One Installation Instruction	Doc. No. E-2554
One Instruction For Continued Airworthiness	Doc. No. E-2555
One Operation and Installation Manual	ATA 61-24-10 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-9-B/198-52
Propeller Hub	MTV-9-B Milled single-piece aluminum hub
Blade	198-52
Blade Design	Scimitar, light-weight natural composite
Installed Propeller & Governor Weight	25,3 kg (55,8 lbs)
Propeller Diameter	198 cm (78 in)
Minimum Diameter	193 cm (76 in)
TBO	According to SB 1 () latest issue

Replaces

Model 114, 114A and 114B:
Replaces Hartzell HC-C2YR-1BF/F8467-7R propeller + Edo-Aire governor.
Model 114TC:
Replaces McCauley B3D32C419/82NHA-5 propeller + McCauley D-20309-40 governor.

Advantages

(Performance data are based on MTOW, ISA)

- Best vibration damping characteristics for almost vibration free propeller operations!
- No engine modifications!
- Ground roll & takeoff distance over 50 ft obstacle is reduced by approx. 30 m (98 ft)!
- Climb performance slightly improved!
- Very smooth cruising - no speed penalty!
- Approx. 8 kg (17,6 lbs) less weight than the original 3-blade metal propeller!
- Unlimited blade life!
- FOD repairable blades!
- Significant inside and outside noise reductions!

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