



mt-propeller



Type of Aircraft: Cessna A185E, F
FAA STC #: SA01296WI
EASA/LBA STC #: 2004-8157
(former SA1391)
TCCA Acceptance 5010-O-19-0005
Aircraft TCDS #: 3A24
Propeller TCDS #: P23BO

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



Note: The max. take-off power in the EASA/LBA
STC as well as in TCCA Acceptance
is limited to 2500 rpm

STC Kit Contents

One 2-Blade Constant Speed Propeller
One Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Operation and Installation Manual

MTV-15-D/210-58
P-271-1-A
Doc. No. E-1096
Doc. No. E-1098
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-15-D/210-58
MTV-15-D
Milled single-piece aluminum hub
210-58
Scimitar, light-weight natural
composite
45 lbs
82.7 in.
80.7 in.
According to SB 1 () latest issue

Replaces

All existing McCauley and Hartzell propellers

Advantages

- Best vibration damping 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. 10 lbs to 30 lbs less weight than the original propeller
- Unlimited blade life
- 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