



mt-propeller



Type of Aircraft:	DA 42
FAA STC #:	SA04681NY
EASA STC #:	10071632 Rev 1
EASA Aircraft TCDS:	EASA.A.005
FAA Propeller TCDS	P19NE
EASA Propeller TCDS	EASA P.094
TCCA Acceptance	5010-O-20-0066



Applicable Aircrafts

DA 42
DA 42, DA 42 M, DA 42-NG, DA 42 M-NG

Engines

Technify Motors GmbH
TAE 125-01, TAE 125-02-99, TAE 125-02-114
(with -A Flange)
or Austro Engine GmbH 4E-B
(with -R Flange)

STC Kit Contents

Two 3-Blade Hydraulically Actuated
Constant Speed Propeller

Two Full Composite Spinner (AFRP)
One Master Operation Manual List
One Airplane Flight Manual Supplement

One Installation Instruction
One Instruction For Continued Airworthiness
One Operation and Installation Manual

MTV-6-A-C-F/CF190-69()
for Prop with Technify Engine
MTV-6-R-C-F/CF190-69()
for Prop with Austro Engine
P-792-()
Doc. No. E-3469
Doc. No. E-3470: for Prop with Technify Engine
Doc. No. E-3473: for Prop with Austro Engine
Doc. No. E-3471
Doc. No. E-3472
ATA 61-24-10 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade
Blade Design
Installed Propeller Weight (2 Propellers)
Propeller Diameter
Minimum Diameter
TBO

MTV-6-()-C-F/190-69()
MTV-6-()-C-F
Milled single-piece aluminum hub
CF190-69()
Scimitar, light-weight natural composite
40,6 kg (89,5 lbs)
190 cm (74,8 in)
185 cm (72.8 in)
According to SB 1 () latest issue

Replaces:

Removes the original installed Propellers and Spinner

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. 40 m (131 ft)!
 - Climb performance improved by 10%!
 - Very smooth cruising - 2 to 3 kts more speed (Technify)!
 - Unlimited blade life!
 - FOD repairable blades!

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