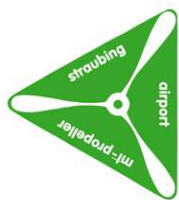


mt-propeller

**Type of Aircraft:**

FAA STC #:
EASA STC #:
EASA Aircraft TCDS:
FAA Popeller TCDS
EASA Propeller TCDS

Robin
DR 300/400
 --
10055251
EASA.A.367
P19NE
EASA P.094

**Applicable Aircrafts**

CEAPR: Type DR 300/400
 Model: DR400/120D, DR 400/140B
 DR 400/180R, DR 400/200R
 DR 400/RP

Engines

TAE-125-02-114 engine installed
 per STC 10014219

STC Kit Contents

One 3-Blade Hydraulically Actuated Constant Speed Propeller	MTV-6-A/190-69
One Full Composite Spinner (AFRP)	P-770-5
One Master Document List	Doc. No. E-2711
One Airplane Flight Manual Supplement	Doc. No. E-2708
One Installation Instruction	Doc. No. E-2709
One Instruction For Continued Airworthiness	Doc. No. E-2710
One Operation and Installation Manual	ATA 61-24-10 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-6-A/190-69
Propeller Hub	MTV-6-A
	Milled single-piece aluminum hub
Blade	190-69
Blade Design	Scimitar, light-weight natural composite
Installed Propeller Weight	15,1 kg (33,3 lbs)
Propeller Diameter	190 cm (74,8 in)
Minimum Diameter	185 cm (72.8 in)
TBO	According to SB 1 () latest issue

Replaces:

Removes the installed MTV-6-A/187-129 constant speed propeller and the appropriate 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 5%!
- Very smooth cruising - 2 to 3 kts more speed!
- Unlimited blade life!
- FOD repairable blades!

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