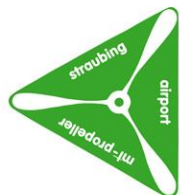


Q F J - Propeller for the Airtractor AT-802, AT-802A series

Flyer No.: FL-113
May 17, 2021



mt-propeller



Type of Aircraft: Airtractor
FAA STC: SA04526NY
EASA STC: 10072601
FAA Aircraft TCDS: A19SW
EASA Aircraft TCDS: EASA.IM.A.274
EASA / FAA Prop TCDS: P.104 / P22BO
TCCA Acceptance: 510-O-20-0451

Applicable Aircrafts

Airtractor AT-600, -800 Series

Models: AT-802, AT-802A

Engine

Pratt & Whitney PT6A-65 Series and PT6A-67 Series

STC Kit Contents

5-Blade Full Feathering Constant Speed
Counterweighted
Reversible Propeller
One Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction for Continued Airworthiness
One Operation and Installation Manual

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade
Blade Design
Weight of one installed propeller
with Spinner:
Diameter
TBO

Replaces

Removes the original Hartzell propellers and the appropriate spinners.

Advantages (Performance data are based on MTOW, ISA)!

- Best vibration damping characteristics for almost vibration free propeller operations!
- Bonded on wide chord nickel alloy leading edges for superior erosion protection of the blades!
- Take-Off improvement by 5%, so compared to the original AFM a higher safety for the calculated take-off run!
- No propeller ADs!
- TBO 4500 hours or 6 years, whatever comes first, for low maintenance costs!
- No intermediate inspections on a agriculture installation!
- No intermediate inspections are needed between the TBO which requires the propeller removal!
- Reduced cost for spare parts, like blades and lower overhaul costs, for the complete propeller assembly!
- No rpm restriction for the complete operational range!
- No life limitation and repairable in case of an FOD.
- ROC improved by 8% (Aerial Surveillance Configuration)



MTV-27-1-()-C-F-R(P)-J/CFR300-82()

P-1594-1
Doc. No. E-3521
Doc. No. E-3522
Doc. No. E-3523
ATA 61-00-83 (E-1083)

MTV-27-1-()-C-F-R(P)-J/CFR300-82()
PT6A-65: MTV-27-1-E-C-F-R(P)-J
PT6A-67: MTV-27-1-N-C-F-R(P)-J
Milled single-piece aluminum hub
CFR300-82()
Scimitar, light-weight natural composite
Approx. 100 kg (220 lb)
300 cm (118.1 inch)
According to SB 1 () latest issue

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