



mt-propeller



Type of Aircraft: Cessna 208
(Blackhawk
XP42 + XP140)
FAA STC #: SA3959NY
(FAA STC sold by Blackhawk)
EASA STC #: 10058942 R2
(EASA STC sold by Blackhawk)
Aircraft TCDS #: EASA.IM.A.226
Prop EASA TCDS #: P.104
Prop FAA TCDS #: P22B0

Applicable Aircraft

Cessna 208, 208B

Engines

Pratt & Whitney PT6A-42A engine
and optional increased Gross Weight
Pratt & Whitney PT6A-140 engine
and optional increased Gross Weight

STC Kit Contents

One 5-Blade Reversing And Full Feathering Constant
Speed Propeller
One Full Composite Spinner (AFRP)

One (each) 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
Installed Propeller & Spinner Weight / De-Ice
Maximum Diameter
Minimum Diameter
TBO

Replaces

3-Blade Hartzell HC-B3TN-3AE(Y)/T10290N(K)+2
4-Blade Hartzell HC-E4N-3P/D9900(K)

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations!
- Bonded on nickel alloy leading edge for best erosion protection of the blades!
- Equal or better performance!
- Unlimited blade life!
- Significant inside and outside noise reductions!
- Increased ground clearance for less blade tip erosion!
- FOD repairable blades!
- 200 ft shorter take-off distance!
- 3 kts cruise speed increase!
- With optional rpm reduction to 1950 rpm (only for XP42)!
- All models comply with the strict German noise regulations 2010– „Landeplatz-Lärmschutz-Verordnung“ for unrestricted airport operations in Germany and other European Countries!
- All models comply with the strict German noise regulations 2010– „Landeplatz-Lärmschutz-Verordnung“ for unrestricted airport operations in Germany and other European Countries with the XP140 Installations!



MTV-27-1-E-C-F-R(P)/CFR245-55a
P-1283-2 (for PT6A-42A engine)
P-1117-3 (for PT6A-140 engine)
Doc No.: E-2891-1 + E-2891-2
Doc No.: E-2817
Doc No.: E-2818
ATA 61-06-10 (E-610)

MTV-27-1-E-C-F-R(P)/CFR245-55a
MTV-27-1-E-C-F-R(P)
Milled single-piece aluminum hub
CFR245-55a
Scimitar, light-weight natural composite
156.1 lb (70,8 kg)
96.6 in (245 cm)
96.6 in (245 cm)
According to SB 1 () latest issue