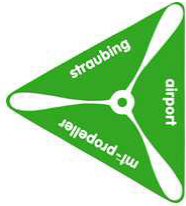


Flight-Resource, LLC

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mt-propeller



MT 3- Blade Composite Propeller STC for Beech Bonanza's

MODELS	Engine Types
S35, V35 [_-B]	[]-520 or []-550 series
[C, E or F] 33 [A or C]	[]-520 or []-550 series
36, A36, G36	[]-520 or []-550 series

**** STC recently amended to include planes with modified or larger engines such as the Turbo TNIO-550**



STC Kit Contents

3-Blade Constant Speed Propeller
 Kevlar Spinner Assembly
 Airplane Flight Manual Supplement
 Installation Instructions
 Instruction for Continued Airworthiness
 MT Operation and Installation Manual

Options

Hi-Glo Kevlar Spinner with Chrome finish
 Electric De-Ice Boots
 Fluid Deice Boots
 Nickel Leading Edge in favor of standard Stainless Steel

Performance Comparison:

Beechcraft Bonanza A36 w/ IO-550
 MT 3-blade 210cm (83") vs Hartzell F8468 (78")

Cruise Speeds at 8000 feet (TAS knots)

	<u>MT</u>	<u>Hartzell</u>
70% power	171	169
60% power	167	163

Rate of Climb: 3500 msl at gross weight
 1020 fpm 900 fpm

Rate of Climb: 8200 msl at gross weight
 620 fpm 510 fpm

Propeller Weights incl. spinner:
 57 lbs 82 lbs

Landing roll over 50 foot obstacle
 1490 ft 1565 ft

Advantages

- Approx. 25 lbs less weight than the Hartzell propeller.
- Improved engine cooling
- Increased static thrust.
- More effective de-icing with less current draw
- Shorter take-off distance.
- Improved rate of climb performance.
- Increased cruise performance.
- Best vibration damping characteristics for almost vibration free propeller operations
- Stainless steel or Nickel leading edges for best erosion protection of the blades.
- Unlimited blade and hub life.
- Reduced risk of engine damage resulting from prop strikes.
- No expensive or bothersome AD's