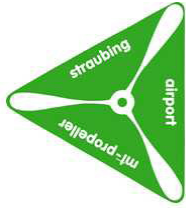


# Flight-Resource, LLC

World's Largest Volume MT Propeller Distributor  
 www.Flight-Resource.com 1-866-717-1117



mt-propeller



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

MODEL	Engine Type
S35	IO-520-B,BA
V35	IO-520-B,BA,BB
V35A	
V35B	
E33C	IO-520-B,BA
35-C33A	IO-520-B,BA
E33A	IO-520-B,BA
F33A	IO-520-B,BA,BB
F33C	IO-520-B,BA,BB
36	IO-520-B,BA,BB
A36	IO-520-B,BA,BB
A36	IO-550-B
G36	IO-550-B



### Performance Comparison: Beechcraft Bonanza A36 w/ IO-550 MT 3-blade 210cm (83") vs Hartzell C3YF

Cruise Speeds at 8000 feet (knots IAS)

	<b>MT</b>	<b>Hartzell</b>
75% power	175	173
65% power	168	165
55% power	151	148

Rate of Climb: 1000 msl at gross weight  
 1220 fpm      1189 fpm

Rate of Climb: 8000 msl at gross weight  
 620 fpm      592 fpm

Propeller Weights incl. spinner:  
 57 lbs      81 lbs

Landing roll over 50 foot obstacle  
 1490 ft      1565 ft

### 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 (\$470)
- Electric De-Ice Boots (\$1800)

### Advantages

- Approx. 26 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 leading edge 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