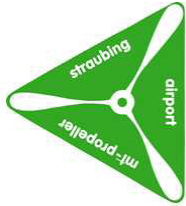


# Flight-Resource, LLC

World's Largest Volume MT Propeller Distributor

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

mt-propeller



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