



Mooney M20R, M20S, and M20TN with IO-550-G, IO-550-G-AP as modified by STC SE02930AT, IO-550-N, and TSIO-550-G Engines



3 Bladed ASCII Composite Propeller STC Kit:

Basic Kit:

- Part Number:** J3F80800STP
- 1 3-Bladed Propeller:** PHC-J3YF-1N/N7605C-2
- 1 Polished Spinner:** A-2295-10P
- 1 STC Document Set:** SA02482CH

Aircraft Serial and registration numbers required when ordering
All Prices FOB Hartzell Propeller Inc.
Prices do not include Ohio State Sales Tax
Installation and Dynamic Balancing available at an additional charge

Telephone: (937) 778-5300 Option 2 / (800) 942-7767 Option 2
Internet: www.hartzellprop.com

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MOONEY

Applicable Models: M20R Ovation, Ovation II, Ovation III, M20S Eagle, and M20TN

Specifications: 76 inch diameter 3-bladed aluminum hub, ASC II Composite blades
 2400 hour / 6 year TBO
 64 pounds (propeller and spinner)

Placard: Manifold Pressure limited to 34". Do not operate above 30.5" below 2500 RPM.

Replaces: McCauley 2A32C239/90MC-15- 75 in. dia. 2-bladed prop
 2400 hour / 6 year TBO
 56.0 pounds (propeller and spinner)

McCauley 3A32C418/82NRC-9 - 73 in. dia. 3-bladed prop
 2400 hour / 6 year TBO
 76.6 pounds (propeller and spinner)

McCauley 2A34C241/82PGC-6 - 76 inch diameter 2-blade prop
 2000 hour / 6 year TBO
 68 pounds (propeller and spinner)

Hartzell PHC-J3YF-1RF/F7693DF()-2 76" diameter prop
 2400 hour / 6 year TBO
 80 pounds (propeller and spinner)

Advantages:

- Better take-off and climb performance compared to either McCauley option.
- Same-as or better cruise compared to either McCauley
- 7% decrease in glide distance (model R & S). Glide distance is unchanged for M20TN.
- Noise – No acoustic change.
- Light weight
- High durability and lowest life cycle cost.