



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



Basic Kit:

- Part Number:** J3F07507STP
- 1 3-Bladed Propeller:** PHC-J3YF-1RF/F7498()
- 1 Polished Spinner:** A-2295-10P
- 1 STC Document Set:** SA03024CH

Kit with Anti-Ice:

- Part Number:** J3F07550STP (Boots only)
- Part Number:** J3F07551STP (Boots and 3 blade slinger kit)
- 1 3-Bladed Propeller:** PHC-J3YF-1RF/F7498()
- 1 Polished Spinner:** A-2295-10P
- 1 STC Document Set:** SA03024CH

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

Fax: (937) 778-4215
Email: topprop@hartzellprop.com

TOP
PROP
PERFORMANCE
CONVERSIONS



MOONEY

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

Specifications: 76 inch diameter 3-bladed aluminum hub propeller
 2400 hour / 6 year TBO
 72.5 pounds (propeller and spinner)
 Diameter reduction allowable to 74 inches

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
 2000 hour / 6 year TBO
 76.6 pounds (propeller and spinner)

McCauley 2A34C241/82PGC-6 - 76 inch diameter 2-blade prop
 2400 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.
- Improved appearance, Scimitar-style blade.
- Diameter reduction allowable in event of tip damage