



**Mooney M20C, D, E, F, G
With O-360A1D, -A2D, IO-360A1A engine**



Basic Kit: 180HP engine

Part Number: C3R00021STP*1

1 3-Bladed Propeller: HC-C3YR-1RF/F7282

1 Polished Spinner: 835-47P

1 STC Document Set: SA4529NM

Basic Kit: 200HP engine

Part Number: C3R00920STP

1 3-Bladed Propeller: HC-C3YR-1RF/F7282

1 Polished Spinner: 835-47P

1 STC Document Set: SA4529NM

**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) 778-5726 Option 2 / (800) 942-7767 Option 2
Internet: www.hartzellprop.com

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

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MOONEY

Applicable Models: M20C, M20D, M20G (180 hp)
M20E, M20F (200 hp)

* **Note:** Not eligible to replace Mc fixed pitch prop on M20D

** **Note:** M20B not listed on STC, but field approval has been obtained.

*****Note:** Upon ordering, please advise if the aircraft has had a cowling modification.

Specifications: 74 inch diameter 3-bladed aluminum hub propeller
2400 hour / 6 year TBO
71 pounds (propeller and spinner)
Diameter reduction allowable to 73 inches
Placard - "Avoid cont. ops. below 15" btwn. 1950 and 2350 rpm"

Replaces: Hartzell HC-C2YK-1BF/F7666A-2 - 74 in. dia. 2-bladed prop
Diameter reduction allowable to 72.5 inches
2000 hour / 5 year TBO
57 pounds (propeller and spinner)
Placard - "Avoid cont. ops. between 2100 and 2350 rpm."

Hartzell HC-C2YK-1BF/F7666A-3Q - 73 in. dia. 2-bladed prop
Q-tip, no diameter reduction allowable
2000 hour / 5 year TBO
59 pounds (propeller & spinner)

McCauley C53 - 74 inch diameter 2-bladed prop
Diameter reduction allowable to 72.5 inches
1200-1500 hour / 5 year TBO
52.3 pounds (propeller and spinner)

McCauley C212 or C214 - 74 inch diameter 2-bladed prop
Diameter reduction allowable to 73 inches
2000 hour / 6 year TBO
54.3 pounds (propeller and spinner)
Placard - "Avoid cont. ops. below 15" btwn 1500 and 1950 rpm."

Advantages: Better take-off and climb performance
Longer TBO than McCauleys
Dramatically lower noise
Improved appearance
Less restrictive placards