



**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 Composite Spinner: 103629(F1) White OR 103629(F2) Silver**

**1 STC Document Set: SA4529NM**

**Basic Kit: 200HP engine**

**Part Number: C3R00920STP**

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

**1 Composite Spinner: 103629(F1) White OR 103629(F2) Silver**

**1 STC Document Set: SA4529NM**

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**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](http://www.hartzellprop.com)

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