



Mooney M20A-J With O-360-A1D, A2D, IO-360A1A, A3B6(D), -A1B6D



Basic Kit: 180HP engine Models: M20A, M20B, M20C, M20D, M20G

Part Number: C2R10704STP

1 2-Bladed Propeller: HC-C2YR-1BFP/F7497

1 Polished Spinner: 835-54P

1 STC Document Set: SA02414CH-D

Basic Kit: 200HP engine Models: M20E, M20F

Part Number: C2R10703STP

1 2-Bladed Propeller: HC-C2YR-1BFP/F7497

1 Polished Spinner: 835-54P

1 STC Document Set: SA02414CH-D

Basic Kit: 200HP engine Model: M20J

Part Number: C2R10705STP

1 2-Bladed Propeller: HC-C2YR-1BFP/F7497

1 Polished Spinner: A-2295-5P

1 Spinner Mounting Kit: A-2476-19

1 STC Document Set: SA02414CH-D

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 M20A-J

Applicable Models: Mooney M20A-J

Specifications: 74 inch diameter
 2 bladed **scimitar**
 Aluminum hub
 2400 hour/6 year TBO
 62-64 pounds each (propeller & spinner)
 Diameter reduction allowable to 72.5 inches
 Placard – “No cont. ops. Above 24” manifold pressure between 2350 to 2550 rpm” (M20E, M20F only)

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)

Hartzell HC-C3YR-1RF/F7282 - 74 in. dia. 3-bladed prop
 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”

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” between 1500 and 1950 rpm.”

Advantages: Reduced Noise
 Same or better climb performance
 Improved cruise performance efficiency
 Longest TBO
 Current design
 Attractive design

Note: Not eligible on fixed pitch M20D
 Slightly longer take-off roll (3% over 7666-2 Blade)