



Beech 55 Baron With IO-520-C, -CB engine



Basic Kit (w/o Factory Air Conditioning):

Part Number: C3F00170STP

2 3-Bladed Propellers: PHC-C3YF-2UF/FC7663-2R

2 Polished Spinners: C-3567-1P

1 STC Document Set: SA773CE

Basic Kit (w/ Factory Air Conditioning):

Part Number: C3F00170STP*1

2 3-Bladed Propellers: PHC-C3YF-2UF/FC7663-2R

2 Polished Spinners: C-3567-4P

1 STC Document Set: SA773CE

Kit with Alcohol Anti-ice (w/o Factory Air Conditioning):

Part Number: C3F00182STP

2 3-Bladed Propellers: PHC-C3YF-2UF/FC7663B-2R

2 Polished Spinners: C-3567-1P

1 Alcohol Anti-ice kit: A-2386-1/C-2131-3

1 STC Document Set: SA773CE

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



BEECH BARON w. IO-520 ENGINES

Applicable Models: 95-C55, 95-C55A, D55, D55A, E55, E55A,

Specifications: 76 inch diameter 3-bladed, aluminum hub propellers
2400 hour / 6 year TBO
89 pounds each (prop & spinner combined)
diameter reduction allowable to 74 inches

Replaces: Hartzell BHC-C2YF-2CHUF/FC8475-6 78 in. dia. 2-bladed props
Diameter reduction allowable to 76 inches
2400 hour / 6 year TBO
71 pounds (prop & spinner combined)

McCauley C55 - 78 inch dia. 2-bladed propellers
64 pounds (prop & spinner combined)
Diameter reduction allowable to 76 inches
1200-1500 hour / 5 year TBO

McCauley C75 - 76 inch dia. 3-bladed propellers
82 pounds each (prop & spinner combined)
No diameter reduction allowable
1200 hours / 5 year TBO

Advantages:

- vs. 2-bladed props
 - Lower noise
 - Better take-off and climb performance
 - Improved appearance
 - Less blade erosion
 - Longer TBO
 - Current design (Mc threaded design obsolete)
- vs. 3-bladed
 - Longer TBO
 - Diameter reduction allowable in event of tip damage
 - McCauley threaded designs obsolete

Note: Please note that in most cases an after market air conditioner does not change the aircraft cowling, therefore the "w/o air conditioning" spinner assembly (C-3567-1P) would be needed when ordering.