



Beech 58 Baron With IO-520-C, -CB, and IO-550-C engine



Basic Kit (w/o Factory Air Conditioning):

Part Number: J3F00116STP

2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391D

2 Polished Spinners: C-3567-1P

1 STC Document Set: SA10551SC

Basic Kit (w/ Factory Air Conditioning):

Part Number: J3F00116STP*1

2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391D

2 Polished Spinners: C-3567-4P

1 STC Document Set: SA10551SC

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

Part Number: J3F00130STP

2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391DB

2 Polished Spinners: C-3567-1P

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

1 STC Document Set: SA10551SC

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

Part Number: J3F00130STP*1

2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391DB

2 Polished Spinners: C-3567-4P

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

1 STC Document Set: SA10551SC

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



Kit with Electric De-ice (w/o Factory Air Conditioning): (See Note 1)

Part Number: J3F00135STP
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391DK
2 Polished Spinners: C-3567-1P
1 Electric De-ice kit (airframe): 7931-5E2793-4
1 Electric De-ice kit (prop): 7931-5E2793-1
1 STC Document Set: SA10551SC

Kit with Electric De-ice (w/ Factory Air Conditioning): (See Note 1)

Part Number: J3F00135STP*1
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391DK
2 Polished Spinners: C-3567-4P
1 Electric De-ice kit (airframe): 7931-5E2793-5
1 Electric De-ice kit (prop): 7931-5E2793-1
1 STC Document Set: SA10551SC

Kit with Electric De-ice (w/o Factory Air Conditioning): (See Note 1)

Part Number: J3F00135STP*2
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391DK
2 Polished Spinners: C-3567-1P
1 Electric De-ice kit (prop): 7931-5E2793-1
1 STC Document Set: SA10551SC

Kit with Electric De-ice (w/ Factory Air Conditioning): (See Note 1)

Part Number: J3F00135STP*3
2 3-Bladed Propellers: PHC-J3YF-2UF/FC7391DK
2 Polished Spinners: C-3567-4P
1 Electric De-ice kit (prop): 7931-5E2793-1
1 STC Document Set: SA10551SC

NOTE 1: The J3F00135STP*2, and J3F00135STP*3 kits do not come with airframe de-ice kits. They are specifically for use on aircraft s/n TH-1231 and later that were factory equipped with Hartzell PHC-J3YF-2UF/FC7663K-2R propellers and an electro-thermal propeller de-ice system. When replacing McCauley C512 propellers and a McCauley electro-thermal propeller de-ice system, order a J3F00135STP or J3F00135STP*1 (w/ air conditioning) kit.

NOTE 2: This kit is not compatible with electro-thermal de-ice kits on s/n TH-1230 and before. S/N TH-1 through TH-1230 are eligible for the basic kit (no de-ice/anti-ice), with early de-ice kits disabled, and when equipped with alcohol anti-ice. Electro-thermal de-ice kit is not compatible with systems on aircraft previously equipped with 2 blade propellers.

Aircraft Serial and registration numbers required when ordering
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Applicable Models: 58, 58A, G58

Specifications: 75 inch diameter 3-bladed "SCIMITAR", aluminum hub propellers
2400 hour / 6 year TBO
91 pounds each (prop & spinner combined)
diameter reduction allowable to 73 inches

Replaces: McCauley C512 - 77 inch diameter extended 3-bladed props
Diameter reduction allowable to 76.5 inches
2000 hour / 6 year
86 pounds each (prop & spinner combined)

McCauley C30 - 78 inch dia. extended hub 2-bladed propellers
Diameter reduction allowable to 76 inches
1200 hour / 5 year
69 pounds (prop & spinner combined)

McCauley C35 - 78 inch dia. extended hub 3-bladed propellers
No diameter reduction allowable
1200 hours / 5 year TBO
85 pounds each (prop & spinner combined)

Hartzell BHC-J2YF-2CHUF/FC8475-6 78 in. dia. 2-bladed props
Diameter reduction allowable to 76 inches
2400 hour / 6 year TBO
78 pounds (prop & spinner combined)

Hartzell PHC-J3YF-2UF/FC7663-2R 76 in. dia. 3-bladed propellers
diameter reduction allowable to 74 inches
2400 hour / 6 year TBO
91 pounds each (prop & spinner combined)

Advantages:

- Reduced noise
- Better take-off and climb performance
- Improved cruise performance efficiency
- More ground clearance - Less blade erosion / FOD
- Longest TBO
- Current design (Mc threaded design obsolete)
- Attractive design

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.

Electric De-icer Kit approved on s/n TH-1231 and later only. Aircraft with s/n TH-1230 and before must disengage any existing electric de-ice system.

Aircraft eligible for electric de-ice system (s/n TH-1231 and later) require **airframe** de-ice kit when replacing McCauley propellers only.