

B558INST

INSTRUCTIONS FOR INSTALLATION OF HARTZELL PROPELLERS & SPINNERS

ON RAYTHEON AIRCRAFT COMPANY (BEECH)

95-C55, 95-C55A, D55, D55A, E55, E55A, 58, 58A BARON AIRCRAFT

STC SA773CE

LOG OF REVISIONS

<u>Revision Number</u>	<u>Revised Pages</u>	<u>Description of Revision</u>	<u>Date</u>
A	2	Step 4: Was: "Install spinner domes and caps." Now: "Install spinner domes in accordance with Hartzell Manual 115()."	June 4, 2004

NOTE: All changes are indicated by a black vertical line along the left margin.

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NOTE: For aircraft not equipped with alcohol anti-ice omit step 2.

1. Remove original propellers and spinners.
2. **TWO-BLADE PROPELLER:** Install A-2374-1 alcohol anti-ice kit on each BHC-C2YF propeller or A-2374 alcohol anti-ice kit on each BHC-J2YF propeller, as shown in Hartzell drawing C-2375.

THREE-BLADE PROPELLER: Install A-2386-1 alcohol anti-ice kit on each PHC-C3YF propeller or A-2386 alcohol anti-ice kit on each PHC-J3YF propeller, as shown in Hartzell drawing C-2375.

NOTE: Adjustment of the travel tubes and slinger ring tubing is sometimes required during installation due to welding distortion and tolerance stack-up of these parts. Adjustment of the airframe-mounted alcohol supply tube may be required to allow transfer of alcohol to the slinger ring. Carefully bend the tubing to avoid collapsing the tube wall.

3. Install new spinner bulkheads and new propellers on the aircraft in accordance with Hartzell Manual 115(). Propellers for aircraft equipped with alcohol anti-ice should have blade boots installed at this step.
4. Install spinner domes in accordance with Hartzell Manual 115().
5. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement to existing Airplane Flight Manual.

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6. Revise weight and balance records to show the removal of the original propellers and spinners and the addition of the following equipment at the same moment arm as the original equipment:

	Weight (lbs)
Propeller, two-blade, BHC-C2YF-2C/C8475-6, or,	64 (each)
BHC-C2YF-2CU/C8475-6, or,	68
BHC-C2YF-2CHF/FC8475-6, or,	64
BHC-C2YF-2CHUF/FC8475-6, or,	68
BHC-C2YF-2CF/FC8475-6, or,	64
BHC-C2YF-2CUF/FC8475-6, or,	68
BHC-C2YF-2CH/C8475-6, or,	64
BHC-C2YF-2CHU/C8475-6, or,	68
BHC-J2YF-2C/C8475-6, or,	69
BHC-J2YF-2CU/C8475-6, or,	73
BHC-J2YF-2CF/FC8475-6, or,	69
BHC-J2YF-2CUF/FC8475-6,	73
Spinner, two-blade, Hartzell C-2285(P), C-2285-1(P), C-2285-4(P), C-2285-5(P), or C-2285-6(P)	5 (each)
Propeller, three-blade, PHC-C3YF-2/C7663-2R, or,	85 (each)
PHC-C3YF-2U/C7663-2R, or,	89
PHC-C3YF-2F/FC7663-2R, or,	85
PHC-C3YF-2UF/FC7663-2R.	89
PHC-J3YF-2/C7663-2R, or,	87 (each)
PHC-J3YF-2U/C7663-2R, or,	91
PHC-J3YF-2F/FC7663-2R, or,	87
PHC-J3YF-2UF/FC7663-2R.	91

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|----|---|--------------|
| 7. | Revised weight and balance, continued: | Weight (lbs) |
| | Spinner, three-blade, Hartzell C-3567(P), C-3567-1(P)
or C-3567-4(P) | 5 (each) |

NOTE: For propellers equipped with anti-ice equipment a "B" suffix should be added to the model number and 1 pound should be added to each propeller weight, i.e. "BHC-C2YF-2C/C8475B-6, weight 65 pounds (each)".

8. Complete the appropriate logbook entries and return the aircraft to service with FAA Form 337 referencing STC.

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