

HPBE95-1

July 7, 1997
Revision C, July 18, 2005

INSTRUCTIONS FOR INSTALLATION OF
HARTZELL HC-C2YK-2CUF/FC7666C(B)-4 PROPELLERS AND 836-29(P)
SPINNERS

ON BEECH 95, B95, B95A, D95A, E95 AIRCRAFT

LOG OF REVISIONS

<u>Revision Number</u>	<u>Revised Pages</u>	<u>Description of Revision</u>	<u>Date</u>
A	3	Added " Revision A, or later FAA approved revision" to drawing D-6774 (item 3).	Dec. 8, 1997
B	2	Added CAUTION note to ensure removal of phenolic spacer.	June 1, 2004
B	3	Step 1: Added CAUTION note Step 3: Changed to drawing rev B Step 4: Was " Install spinner domes and caps", now "Install spinner domes in accordance with Hartzell Owner's Manual 115 ()."	June 1, 2004
C	3	Added NOTE to clarify adjustment of anti-ice travel tubes may be necessary for positive clearance to spinner dome. Removed revision letter reference to drawing D-6774.	July 18, 2005
C	1-4	Reformatted page breaks and Page footers.	July 18, 2005

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

FAA Approved _____
30 JAN 2005

HPBE95-1

**INSTRUCTIONS FOR INSTALLATION OF
HARTZELL HC-C2YK-2CUF/FC7666C-4 PROPELLERS AND 836-29(P) SPINNERS
ON BEECH 95, B95, B95A, D95A, E95 AIRCRAFT**

SECTION 1: Aircraft which are not equipped with a propeller anti-ice system

1. Remove original propellers and spinners.

CAUTION: Some steel hub propellers incorporate a phenolic spacer between the propeller and engine-mounting flange. When installing an aluminum hub propeller, this spacer is to be discarded. The aluminum hub propeller mounting o-ring is located on the inside diameter of the propeller hub. There should not be an o-ring on the engine flange when installing an aluminum hub propeller.

2. Install new propellers and spinners in accordance with Hartzell Owner's Manual number 115().

3. Install the following placard near the tachometer and the manifold pressure gauge:

"AVOID CONTINUOUS OPERATION BETWEEN 2000 AND 2350 RPM."

4. Remark the tachometer as follows:

Red Arc	2000 to 2350 rpm
Green Arc	2350 to 2700 rpm
Red Radial	2700 rpm

5. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement HPBE95-2 to existing Beech Airplane Flight Manual.

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

	Weight (pounds)
Propeller, Hartzell (HC-C2YK-2CUF/FC7666C-4)	65.0 (each)
+	
Spinner, Hartzell (836-29(P))	4.4 (each)

7. Return aircraft to service with FAA Form 337 referencing STC.

30 JAN 2006

Date _____

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INSTRUCTIONS FOR INSTALLATION OF
HARTZELL HC-C2YK-2CUF/FC7666CB-4 PROPELLERS AND 836-29(P) SPINNERS
ON BEECH 95, B95, B95A, D95A, E95 AIRCRAFT

SECTION 2: Aircraft which are equipped with a propeller anti-ice system

1. Remove original propellers and spinners.

CAUTION: Some steel hub propellers incorporate a phenolic spacer between the propeller and engine-mounting flange. When installing an aluminum hub propeller, this spacer is to be discarded. The aluminum hub propeller mounting o-ring is located on the inside diameter of the propeller hub. There should not be an o-ring on the engine flange when installing an aluminum hub propeller.

2. Install new spinner adapter ring and new propellers (with blade boots installed) in accordance with Hartzell Owner's Manual number 115().
3. Install an A-6773 alcohol anti-ice kit on each propeller as shown in Hartzell drawing D-6774 (latest revision).
4. Install spinner domes in accordance with Hartzell Owner's Manual 115().

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 kinking or collapsing the tube wall. Positive clearance must exist between the anti-ice travel tubes and the spinner dome openings.

5. Install the following placard near the tachometer and the manifold pressure gauge:

"AVOID CONTINUOUS OPERATION BETWEEN 2000 AND 2350 RPM."

6. Remark the tachometer as follows:

Red Arc	2000 to 2350 rpm
Green Arc	2350 to 2700 rpm
Red Radial	2700 rpm

7. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement HPBE95-2 to existing Beech Airplane Flight Manual.

Date 30 JAN 2006

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**INSTRUCTIONS FOR INSTALLATION OF
HARTZELL HC-C2YK-2CUF/FC7666C-4 PROPELLERS AND 836-29(P) SPINNERS
ON BEECH 95, B95, B95A, D95A, E95 AIRCRAFT**

8. Revise weight and balance records to show the removal of the original propeller and spinner and the addition of the following equipment at the same moment arm:

	Weight (pounds)
Propeller, Hartzell (HC-C2YK-2CUF/FC7666CB-4)	65.4 (each)
+	
Spinner, Hartzell (836-29(P))	4.4 (each)

9. Return aircraft to service with FAA Form 337 referencing STC.

Date 12th JAN 2006