

INST_012308FLD

January 23, 2008

**INSTRUCTIONS FOR FIELD INSTALLATION OF
HARTZELL PHC-C3YF-1RF/F8068(K) PROPELLER and A-2295-2(P) SPINNER
ON HAWKER BEECHCRAFT V35B, F33A, A36, G36, (BONANZA) AIRCRAFT**

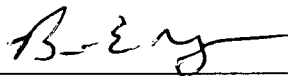
STC SA02556CH-D

LOG OF REVISIONS

<u>Revision Number</u>	<u>Revised Page(s)</u>	<u>Description of Revision</u>	<u>Date</u>
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NOTE: All changes are indicated by a black vertical line along the left margin.

FAA Approved



Brian E. Meyer
DAS administrator
Hartzell DAS-100082-CE

Date

APRIL 18, 2008

January 23, 2008

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

1. Remove original propellers and spinners.
2. Install new propeller and spinner in accordance with Hartzell Manual 115N.
3. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement AFMS_AG36_012308 or AFMS_3533_012308 to existing Hawker Beechcraft Airplane Flight Manual.
4. 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 PHC-C3YF-1RF/F8068	75.0
,and,	
Spinner, Hartzell A-2295-2(P)	4.5

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

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**SECTION 2: Aircraft which are currently equipped with a 3-blade propeller
and 28v de-ice system**

1. Remove original propeller and spinner.
2. Install new spinner bulkhead on the propeller per Hartzell Manual 115N.
3. Install propeller de-ice system rotating components on the propeller per Hartzell Drawing 102544.
4. Install new propeller on the aircraft in accordance with Hartzell Manual 115N.
5. Install spinner dome per Hartzell Manual 115N.
6. Install engine-mounted propeller de-ice equipment per Hartzell Drawing 102544. Torque crankcase flange nuts per Teledyne Continental Service Bulletin SB96-7, latest revision.

NOTES:

(1) If a Goodrich or Hartzell slip ring was previously installed, this part may be re-used and re-installed per Hartzell Drawing 102544 using a new split mounting plate and attaching hardware; ref. Kit 102544-2. If Goodrich or Hartzell brush block and brush block bracket were previously installed, these parts may be re-used.

(2) If McCauley slip ring, brush block and brush block bracket were previously installed, these parts and attaching hardware must be replaced; All parts from kit 102544-3 must be installed.

(3) The remaining propeller de-ice system parts not addressed in Notes 1 and 2 above, including wiring, are unchanged. Ammeter green arc must read 14-18 amps. De-ice timer cycle must be 90 seconds ON, 90 seconds OFF.

7. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement AFMS_AG36_012308 or AFMS_3533_012308 to existing Hawker Beechcraft Airplane Flight Manual.

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Section 2, continued

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 PHC-C3YF-1RF/F8068K	77.8
,and,	
Spinner, Hartzell A-2295-2(P)	4.5

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