

HPA36-1A

Revision G, May 4, 2007

**INSTRUCTIONS FOR FIELD INSTALLATION OF  
HARTZELL PHC-C3YF-1RF/F8468A(K)-6R PROPELLERS  
ON HAWKER BEECHCRAFT A36, G36 (BONANZA) AIRCRAFT**

STC SA00719LA

LOG OF REVISIONS

<u>Revision Number</u>	<u>Revised Page(s)</u>	<u>Description of Revision</u>	<u>Date</u>
A	2	was: "drawing D-6971", now: "drawing D-6971, Revision B" (1 place)	9-9-99
A	3	was: "drawing D-6971", now: "drawing D-6971, Revision B" (5 places)	9-9-99
B	2	was: "drawing D-6971, Revision B", now: "drawing D-6971, Revision C" (1 place) propeller weight, was: "75.0", now "75.8"	4-14-00
B	3	was: "drawing D-6971, Revision B", now: "drawing D-6971, Revision C" (5 places) propeller weight, was: "77.0", now "77.8"	4-14-00
B	4	propeller weight, was: "77.0", now "77.8"	4-14-00
C	2	was: "drawing D-6971, Revision C", now: "drawing D-6971, Revision D" (1 place)	6-11-01
C	3	was: "drawing D-6971, Revision C", now: "drawing D-6971, Revision D" (5 places)	6-11-01
D	2	was: "drawing D-6971, Revision D" now: "drawing D-6971, Revision F" (1 place)	6-9-04
D	3	was: "drawing D-6971, Revision D" now: "drawing D-6791, Revision F" (5 places)	6-9-04
E	2	was: "drawing D-6971, Revision F" now: "drawing D-6971 (latest revision)" (1-place)	10-18-04
E	3	was: "drawing D-6971, Revision F" now: "drawing D-6971 (latest revision)" (5-places)	10-18-04
F	All	Added "G36" model	4-8-05
G	3	Added note to approve use of McCauley de-ice timer with Goodrich de-ice installation.	5-4-07
G	3	Changed "BFGoodrich" or "BFG" to "Goodrich"	5-4-07
G	All	Change "Raytheon" to "Hawker Beechcraft"	5-4-07

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

FAA APPROVED

JUN 12 2007

FAA Approved \_\_\_\_\_

Date \_\_\_\_\_

CHICAGO AIRCRAFT  
CERTIFICATION OFFICE  
CENTRAL REGION

G36INSA\_RevG

*Page 1-4*

HPA36-1A

Revision G, May 4, 2007

**INSTRUCTIONS FOR FIELD INSTALLATION OF  
HARTZELL PHC-C3YF-1RF/F8468A(K)-6R PROPELLERS  
ON HAWKER BEECHCRAFT A36, G36 (BONANZA) AIRCRAFT**

**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 drawing D-6971, (latest revision), sheets 1 and 2.
3. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement HPA36-2 to existing Beech 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/F8468A-6R)	75.8
,and,	
Spinner, Hartzell (A-2295-2(P))	4.5

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

HPA36-1A

Revision G, May 4, 2007

**INSTRUCTIONS FOR FIELD INSTALLATION OF  
HARTZELL PHC-C3YF-1RF/F8468A(K)-6R PROPELLERS  
ON HAWKER BEECHCRAFT A36, G36 (BONANZA) AIRCRAFT**

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

1. Remove original propeller and spinner.
2. Install new spinner bulkhead on the propeller per Hartzell drawing D-6971 (latest revision), sheet 2.
3. Install propeller de-ice system rotating components on the propeller per Goodrich drawing 5E2663.
4. Install new propellers (with blade boots installed) on the aircraft in accordance with Hartzell drawing D-6971 (latest revision), sheets 1 and 2.
5. Install spinner dome per Hartzell drawing D-6971 (latest revision).
6. Install engine-mounted propeller de-ice equipment per Goodrich drawing 5E2663, which is referenced on Hartzell drawing D-6971 (latest revision).
7. Install Goodrich timer P/N 3E1964-3 in the aircraft cabin per Hartzell Drawing D-6971 (latest revision), sheet 3. All other existing cabin-mounted propeller de-ice components may be retained and used with this STC.

NOTE: If the aircraft was previously equipped with a McCauley de-ice system, the McCauley B45018 de-ice timer can be retained and used with the Goodrich system installed per 5E2663.

8. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement HPA36-2 to existing Beech Airplane Flight Manual.

HPA36-1A

Revision G, May 4, 2007

**INSTRUCTIONS FOR FIELD INSTALLATION OF  
HARTZELL PHC-C3YF-1RF/F8468A(K)-6R PROPELLERS  
ON HAWKER BEECHCRAFT A36, G36 (BONANZA) AIRCRAFT**

**Section 2, continued**

9. 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/F8468AK-6R)	77.8
,and,	
Spinner, Hartzell (A-2295-2(P))	4.5

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