

**HARTZELL PROPELLER INC.**

One Propeller Place  
Piqua, Ohio 45356-2634 U.S.A.

**HARTZELL**

Page 1 of 2

HP182-NST

STC SA09000SC

August 22, 2000

INSTRUCTIONS FOR INSTALLATION OF HARTZELL BHC-G2YF-1BF/F8468A-2R

OR PHC-G3YF-1RF/F7691 PROPELLERS ON CESSNA 182 SERIES AIRCRAFT

LOG OF REVISIONS

<u>Revision Number</u>	<u>Revised Pages</u>	<u>Description of Revision</u>	<u>Date</u>
------------------------	----------------------	--------------------------------	-------------

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

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

F. A. A  
APPROVED

OCT 11 2000

CHICAGO AIRCRAFT  
CERTIFICATION OFFICE  
CENTRAL REGION

HP182-NST

STC SA09000SC

August 22, 2000

**INSTRUCTIONS FOR INSTALLATION OF HARTZELL BHC-G2YF-1BF/F8468A-2R  
OR PHC-G3YF-1RF/F7691 PROPELLERS ON CESSNA 182 SERIES AIRCRAFT**

1. Remove original propeller and spinner.
2. Install new propeller and spinner in accordance with Hartzell Owner's Manual number 115( ) and in accordance with the table below:

<u>Aircraft Model</u>	<u>Propeller Model</u>	<u>Required Spinner</u>
182 to 182G	BHC-G2YF-1BF/F8468A-2R	D-4798-2(P)
182H to 182P	BHC-G2YF-1BF/F8468A-2R	D-4798(P)
182 to 182G	PHC-G3YF-1RF/F7691	D-4798-3(P) or D-5732(P)
182H to 182R	PHC-G3YF-1RF/F7691	D-4798-1(P) or D-5732(P)

3. Attach Airplane Flight Manual Supplement to existing Airplane Flight Manual.
4. Revise weight and balance records to show the removal of the original propeller and spinner (using data provided in the equipment list) and the addition of the new propeller and spinner at a C.G. location 1.0 inch further forward:

Propeller weight, Hartzell BHC-G2YF-1BF/F8468A-2R:	56 pounds
Propeller weight, Hartzell PHC-G3YF-1RF/F7691:	71 pounds
Spinner weight, D-4798(P), D-4798-1(P), D-4798-2(P), D-4798-3(P):	5 pounds
Spinner weight, D-5732(P):	4 pounds

5. Make appropriate logbook entries and return aircraft to service with FAA Form 337 referencing STC.

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

F A A  
A P P R O V E D

Date

OCT 11 2000

CHICAGO AIRCRAFT  
CERTIFICATION OFFICE  
CENTRAL REGION

