

HARTZELL PROPELLER INC.

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HP207-1

Revision A
August 30, 2001

**INSTRUCTIONS FOR INSTALLATION, AND POST-MAINTENANCE
RE-INSTALLATION
OF HARTZELL PROPELLERS ON
CESSNA 207, 207A, T207, OR T207A AIRCRAFT**

STC SA696AL

LOG OF REVISIONS

<u>Revision Number</u>	<u>Revised Pages</u>	<u>Description of Revision</u>	<u>Date</u>
A	2	Added PHC-C3YF-1RF/F8468A-6R propeller for 207 & 207A. Added diameter listing. Removed serial number range for 207A and added weight and balance information.	8-30-01

FAA APPROVED
MB
FEB 27 2006
CHICAGO AIRCRAFT
CERTIFICATION OFFICE
CENTRAL REGION

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

FAA Approved _____ Date _____

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1. Remove original propeller and spinner.
2. Install new propeller and A2295-1(P) spinner in accordance with Hartzell Manual 115() as follows:

<u>Aircraft</u>	<u>Propeller Model</u>	<u>Diameter</u>
207	HC-C3YF-1RF/F8468A-8R, or, PHC-C3YF-1RF/F8468A-6R	78" 80"
207A	HC-C3YF-1RF/F8468A-8R, or, PHC-C3YF-1RF/F8468A-6R	78" 80"
T207	PHC-C3YF-1RF/F8468A-6R	80"
T207A	PHC-C3YF-1RF/F8468A-6R	80"

3. Attach Hartzell Propeller Inc. Airplane Flight Manual Supplement HP207-2 to existing Airplane Flight Manual.
4. Revise weight and balance records to show the removal of the original McCauley C58, C78, C90, C401 or C404 propeller and spinner using data provided in the Airplane Flight Manual Equipment List. Enter the addition of the new propeller and spinner.

The combined weight of the Hartzell propeller and spinner is 79 pounds. The moment arm is the same as the original McCauley propeller for all installations, except for 207A aircraft, serial number 20700483 and higher, with the extended-hub propeller C404 propeller. For these aircraft the new propeller C.G. is 3.0 inches further aft than the extended-hub propeller being removed.

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

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