

ICA\_071707

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS  
FOR A  
HARTZELL (P)HC-C3YF-1RF/F8468A-2R or (P)HC-C3YF-1RF/F8468AR PROPELLER  
AND C-3575-(P) SPINNER  
ON CESSNA A185E AND A185F AIRCRAFT

STC SA02528CH-D

LOG OF REVISIONS

Revision	Revised Pages	Description of Revision	Date
New	All	Original Release	7/17/07

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

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**Introduction**

The subject STC approves replacement of the original McCauley propeller and spinner models listed in airplane Type Certificate Data Sheet 3A24 with the Hartzell propeller and spinner model shown above. A description of propeller construction and function may be found in Hartzell Manual 115N that is supplied with each STC kit.

**For Product Support contact:**

Address: Hartzell Propeller Inc.  
One Propeller Place  
Piqua, Ohio 45356-2634  
USA

Phone: (937) 778-4379 or  
1-800-942-7767

E-mail: techsupport@hartzellprop.com

Internet: www.hartzellprop.com

**Chapter 4 Airworthiness Limitations**

NOTE: The Airworthiness Limitations section is FAA approved and specifies maintenance required under Secs. 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

There are no life-limited components used in the STC installation.

**Chapter 5 Time limits / Maintenance checks**

Recommended Time-Between-Overhaul (TBO) limits for the STC propeller may be found in Hartzell Service Letter 61.

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**Chapter 61 Propellers**

The STC propeller should be installed in accordance with the STC Installation Instructions, document number INST\_071707.

Maintenance and troubleshooting practices and procedures for the propeller are in Hartzell Manual 115 (Hartzell Owner's Manual) which is included with the propeller. The A185E or A185F propeller models are (P)HC-C3YF-1RF with F8468A-2R or F8468AR blades. Use Hartzell Manual 115N maintenance procedures designated for "F" flange and "-1" propellers.

Propeller overhaul must be accomplished by an approved Propeller Repair Station.

**Chapter 71 Powerplant - No Change**