

ICA_050205 Revision 1

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
FOR A

HARTZELL HC-J3YF-1RF/F7691(B)+2 PROPELLER
ON CESSNA

210F, 210G, 210H, 210J, AND T210F, T210G, T210H, T210J, T210K, T210L
AIRCRAFT

STC SA02319CH-D

LOG OF REVISIONS

Revision	Revised Pages	Description of Revision	Engineer	Date
1	All	Added propeller de-ice to Cessna T210L	L. Doud	11/14/08

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 3A21 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.

Chapter 4 Airworthiness Limitations

NOTE: The Airworthiness Limitations section is FAA approved and specifies maintenance required under Sections. 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.

Chapter 30 Ice and Rain Protection

For T210L aircraft with electric propeller de-ice systems, the propeller de-ice system service information is provided on the system installation drawing 102998 and in specific Hartzell service manuals. These manuals can be viewed and/or obtained via the internet on the Hartzell Propeller website (www.hartzellprop.com). The following applicable manuals are located in the "Product Support" section under "HPI Ice Protection System Manuals."

Manual 180 – Propeller Ice Protection System Manual
Refer to "De-Ice Kits for Non-Counterweighted Compact Propellers" to see illustrated parts lists for 102998-1, 102998-2; 102998-3 de-ice kits.

Manual 181 – Propeller Ice Protection System Component Maintenance Manual

Manual 182 – Propeller Electrical De-Ice Boot Removal and Installation Manual.

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Chapter 61 Propellers

The STC propeller should be installed in accordance with the STC Installation Instructions, document number INST_050205.

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 210 propeller model is HC-J3YF-1RF with F7691+2 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

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