

ICA\_030413

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS  
FOR THE  
HARTZELL 3A1-TP724A1 / 75A01-2 PROPELLER  
ON CESSNA 172 AIRCRAFT

STC SA03300CH

LOG OF REVISIONS

Revision	Revised Page(s)	Description of Revision	Engineer	Date
New	All	Original Release	L. Doud	3/4/13
1	2	Include requirement to perform low pitch stop test in STC installation instructions when reinstalling.	L. Doud	9/6/16

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

ICA\_030413

**INSTRUCTIONS FOR CONTINUED AIRWORTHINESS  
FOR THE  
HARTZELL 3A1-TP724A1 / 75A01-2 PROPELLER  
ON CESSNA 172 AIRCRAFT**

**STC SA03300CH**

**INTRODUCTION**

The Instructions for Continued Airworthiness below document the maintenance requirements and procedures associated with the new Hartzell 3A1-TP724A1 / 75A01-2 three-blade propeller installed on Cessna 172 aircraft with the Technify Motors TAE 125 diesel engine installed by STC SA01303WI.

**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 new (or additional) airworthiness limitations associated with this equipment and/or installation.

**Chapter 5 - TIME LIMITS / MAINTENANCE CHECKS**

All required maintenance, inspections, time intervals and procedures are provided in Hartzell Manual 411 (Hartzell Propeller Owner's Manual) provided with each propeller. Recommended Time-Between-Overhaul (TBO) limits for the STC propeller are also provided in Hartzell Service Letter HC-SL-61-61Y.

**Chapter 61 - PROPELLERS**

The STC propeller is a 74" diameter, three-blade constant-speed propeller. The propeller is compatible with the Technify Motors diesel engine TAE 125-02-99 installed by STC SA01303WI.

For STC propeller installation, or reinstallation after maintenance or overhaul, refer to STC Installation Instructions INST\_030413. All required maintenance, inspections, time intervals and procedures are provided in Hartzell Manual 411 (Hartzell Propeller Owner's Manual) provided with each propeller.

Recommended Time-Between-Overhaul (TBO) limits for the STC propeller are provided in Hartzell Service Letter HC-SL-61-61Y. Propeller overhaul must be accomplished by an approved Propeller Repair Station.

ICA\_030413

**INSTRUCTIONS FOR CONTINUED AIRWORTHINESS  
FOR THE  
HARTZELL 3A1-TP724A1 / 75A01-2 PROPELLER  
ON CESSNA 172 AIRCRAFT**

**STC SA03300CH**

**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](mailto:techsupport@hartzellprop.com)

Internet: [www.hartzellprop.com](http://www.hartzellprop.com)