

ICA_032315

**INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
FOR A
HARTZELL HC-C3YR-1()F/F7663R PROPELLER
ON PIPER PA-32()()-300 AIRCRAFT
STC SA1791GL**

LOG OF REVISIONS

Revision	Revised Pages	Description of Revision	Date
IR	All	Original Release	03/23/2015

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

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General Information – Propeller

The Hartzell HC-C3YR-1()F/F7663R propeller for the PA-32()()-300 is a constant speed, variable pitch propeller, controlled by a governor that is set by the pilot for constant RPM operation.

Additional propeller information can be found in Hartzell Propeller Owner's Manual 115N.

For Product Support contact:

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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 this STC installation.

Section 2-37 – Propeller Inspection

All required maintenance, troubleshooting, inspections, time intervals and procedures are provided in Hartzell Propeller Owner's Manual 115N that is provided with each propeller. Recommended Time-Between-Overhaul (TBO) limits for the STC propeller are also provided in Hartzell Service Letter 61.

The propeller diameter is 78" – 76". Field repair of small nicks and scratches may be performed by qualified personnel in accordance with FAA AC 43.13-1 as well as procedures specified in Hartzell Propeller Owner's Manual 115N. Propeller overhaul must be accomplished by an approved Propeller Repair Station.

Spinner Inspection

Refer to Hartzell Manual 127, for model 835-47() aluminum spinner assembly inspection and maintenance information.

Refer to Hartzell Manual 148 for model 103629() hybrid composite spinner inspection and maintenance information.

Propeller Installation & Removal

Refer to the STC Installation Instructions (INST_032315) and Hartzell Propeller Owner's Manual 115N for propeller installation and removal procedures. Reference procedures for "K" and "R" flange propellers.