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**INSTRUCTIONS FOR CONTINUED AIRWORTHINESS  
FOR**

**HARTZELL HC-C3YR-1RF/F7282 PROPELLER**

**ON MOONEY M20C, M20D, M20E, M20F, M20G, and M20J AIRCRAFT**

**STC SA4529NM-D**

**LOG OF REVISIONS**

Revision	Revised Pages	Description of Revision	Date
New	All	Original Release	1/18/10

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

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**Section 1-3 General Information – Propeller**

The Hartzell HC-C3YR-1RF/F7282 propeller for the Mooney M20(C-G,J) 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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**Section 2 – Ground Handling, Service & Inspection**

**WARNING:** DO NOT use a “yoke jack” under the propeller to jack or raise the aircraft nose.

**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.

**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 74”. 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.

**Section 3-5 – Propeller Installation & Removal**

Refer to Hartzell Propeller Owner’s Manual 115N for propeller installation and removal procedures. Reference procedures for “K” and “R” flange propellers.