

M20R-MMS

June 17, 2004

MAINTENANCE MANUAL SUPPLEMENT
FOR THE
HARTZELL PHC-J3YF-1RF/F7693DF(B)-2 PROPELLER AND A-2295-10(P) SPINNER
ON MOONEY M20R AIRCRAFT

STC SA02004CH

LOG OF REVISIONS

<u>Revision Number</u>	<u>Revised Pages</u>	<u>Description of Revision</u>	<u>Approved</u>	<u>Date</u>
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NOTE: All changes are indicated by a black vertical line along the left margin.

FAA Accepted  _____ Date  _____

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Chapter 5 Time limits / Maintenance checks

All required maintenance, inspections, time intervals and procedures are provided in Hartzell Manual 115N (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 61.

Chapter 60 Standard Practices - Propellers

The Hartzell PHC-J3YF-1RF/F7693DF(B)-2 propeller is a constant speed, variable pitch propeller, controlled by a governor for constant RPM settings at the pilot's discretion.

The propeller diameter is 76". Repairs may be made to the propeller as described in Hartzell Manual 115N (Hartzell Propeller Owner's Manual).

Chapter 61 Propellers**Section 61-00-00 - GENERAL**

All required maintenance, inspections, time intervals and procedures are provided in Hartzell Manual 115N (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 61.

Section 61-00-10 and -20 – SPINNER AND PROPELLER REMOVAL/INSTALLTION

The STC propeller should be installed in accordance with STC Installation Instruction M20R-INST().

Maintenance and troubleshooting practices and procedures for the propeller are provided in Hartzell Manual 115N (Hartzell Owner's Manual) which is included with the propeller. The M20R propeller model is PHC-J3YF-1RF/F7693DF(B)-2. Use the removal and installation procedures designated for "F" flange propellers.

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

Section 61-10-00 – PROPELLER ASSEMBLY

Refer to Hartzell Manual 115N (Hartzell Owner's Manual) for maintenance practices and preflight inspection requirements.

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Section 61-10-10 – MINOR PROPELLER BLADE REPAIR

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 Manual 115N (Hartzell Owner's Manual).

Section 61-20 - No Change

Section 61-40-00 – No Change

Chapter 71 Powerplant

Section 71-00-52 – ENGINE SET-UP – CONTROL RIGGING

1. CHECK AND ADJUST ENGINE CONTROL RIGGING – No Change
2. PROPELLER RPM ADJUSTMENT – No Change

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