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SERVICE LETTER

Service Letter No. L283
 February 19, 2021

TO: All Owners and Operators of Lycoming YO-233 Series engines
 SUBJECT: Alternate Ignition System

NOTICE: Incomplete review of all the information in this document can cause errors. Read the entire Service Letter to make sure you have a complete understanding of the requirements.

This Service Letter is announcing the availability of an alternate ignition system to replace the Champion Aerospace Electronic Ignition System (Lycoming P/N 66K26674-Y) on YO-233 Series engines. Installing this alternate ignition system will maintain the engines compliance with ASTM F2339.

The alternate ignition system consists of three parts:

1. Champion Aerospace, Slick Magneto, Plain, Reverse Rotation, Champion Aerospace P/N M4302 (Lycoming P/N 66GP-0RANN). Qty 1.
2. Champion Aerospace, Slick Ignition Harness Assembly, Champion Aerospace P/N M1960 (Lycoming P/N 67P20440). Qty 1.
3. Light Speed Engineering, Single Plasma III 4-cylinder, Mini Sensor Ignition System, 25° timing, LYC-233 Engine (Lycoming P/N 66K29678-Y). Qty. 1

The above referenced parts (including the Light Speed Plasma III) will be supplied by Champion Aerospace as replacement parts and can be obtained by contacting Champion Aerospace at:

CHAMPION AEROSPACE
 P.O. Box 686
 1230 Old Norris Road
 Liberty, SC 29657
 Phone: 1-864-843-1162
 Web Site: www.championaerospace.com

Lycoming part numbers are shown in parenthesis for reference.

NOTICE: Installation of the magneto can be found in the current revision of YO-233-B2A Series Engine Maintenance Manual. Installation of the Light Speed Plasma III System will require minor modification to the crankcase. Installation and maintenance of the system must be in accordance with the latest manuals and guidance available at <http://lightspeed-aero.com/Manuals/Ignition.htm>



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