

Slick Magneto Overhaul Manual

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This Maintenance and Overhaul Manual provides Detailed maintenance, assembly, disassembly and Troubleshooting instructions and technical Information about the design and operation of Slick Magnetos. Unison Industries 530 Blackhawk Park Avenue Rockford, Illinois, U.S.A. 61104 ©2006 Unison Industries, Inc.

4300/6300 Series Magneto Maintenance and Overhaul Manual

This Maintenance and Overhaul Manual provides Detailed maintenance, assembly, disassembly and Troubleshooting instructions and technical Information about the design and operation of Slick Magnetos.

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Magnetos are engine-driven self-contained units that supply electrical current without using an external source of current. Magnetos are frequently not maintained to requirements specified in L1363 Manual- 4300/6300 Series Magneto Maintenance and Overhaul Manual, probably because they're so reliable and all engines have a redundant magneto.

Slick Magnetos - Champion Aerospace

Champion Aerospace to maintain high standards in their products has released a new updated manual for Slick Magneto by Champion. L-1363G manual provides many updates to the previous manual but there are three important updates for the service of Slick Magnetos.

New Champion Aerospace Manual for Slick Magnetos

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4300/6300 Series Magneto Maintenance and Overhaul Manual Technical Aspects FAA Approved SCOPEThis Maintenance and Overhaul Manual provides Detailed maintenance, assembly, disassembly and Troubleshooting instructions and technical Information about the design and operation of Slick Magnetos. ISSUED REVISED MO DAY YR MO DAY YR 05 01 91 10 31 08

Magnetos Slick Series 4300 - 6300 Manual Maintenance ...

This reference manual provides complete application data for Slick Magnetos and Ignition Harnesses, Champion ® Aviation Spark Plugs, SlickSTART™, Slick Ignition Upgrade Kits, and technical information on all Slick Piston Engine Ignition Products.

L-1318H Text

The Overhaul manual states, “Additional parts may require replacement depending on conditions as determined during magneto inspection.” For the coil the extent of inspection is “inspect for visible radial cracks” and testing “for primary and secondary circuit resistance and continuity” according to the Champion Manual L-1363G.

Slick Magneto by Champion: Overhaul vs. Rebuild

Reference L-1363F aircraft magneto maintenance and overhaul manual, aircraft magnetos must be overhauled at every engine overhaul. In no case should an aircraft magneto have an in service time greater than the time before overhaul (TBO) hour limit for the engine on within it is installed.

Slick Magnetos - Slick Magnetos

SLICK MAGNETOS **NOT COST EFFECTIVE TO OVERHAUL** In our opinion Slick Magnetos are NOT economical to overhaul. Champion Aerospace has a list of parts which MUST be changed to qualify as OVERHAULED. The cost of these parts far exceed the cost of an exchange (NEW) magneto.

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Magneto Overhaul Details, mandatory parts replacement

Aircraft Magneto Overhauls for Slick, Bendix, & Continental (CMI fmr. TCM) Magnetos. Surpassing Your Highest Expectations for Aircraft Mag Inspections & Overhaul Service. Kelly Aerospace Energy Systems overhauled magnetos use the best of serviceable parts and new parts which results in a magneto of OEM quality at an overhauled price.

Aircraft Magneto Overhauls for Slick ... - Kelly Aerospace

APPROVED SLICK MAGNETOS ON LYCOMING ENGINES DATE: April 16, 2020 SUBJECT: Approved Slick Magnetos on Lycoming Engines MODELS AFFECTED: See Table 1 TIME OF COMPLIANCE: Not applicable REASON FOR REVISION: Added listings for IO-390-D Series engines to Table 1. Corrected errors in Table 1. Added new Tables 5 and 6 to include Lycoming EIS Systems.

Service Instruction No. 1443 R | lycoming.com

and Slick Maintenance and Overhaul manuals. The 500-hour inspection for Bendix magnetos includes new replacement hardware, new contact points, oil slinger, oil seal, (2) ball bearings, carbon brush, o-ring, felt strip, felt washer, and impulse coupling spring. The 500-hour inspection for the Slick magnetos includes new replacement hardware, new

500hr Magneto Inspection/Overhaul - Kelly Aerospace

The slick service manual calls for complete service of the magnetos every 500 hours. Slick warranty is void if the prescribed maintenance schedules are not followed. Especially noteworthy are the 100 hour inspections of the magneto air supply filter. Slick recommends replacement of the air supply filter at 250 hours.

Magnetos Maintenance Tip — RAM Aircraft, L.P.

Slick 4000 series magneto were the "throw away mag" and were intended to be run for 800 hours

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then removed from service. No parts nor maintenance manuals were produced to support/ inspect/ repair this series of magneto. We recommend you replace these with a new Bendix kit or Slick kit.

Slick 500 Hour Inspection - Aircraft Magneto Service

Our magneto overhaul and repair services include fast turnarounds and available exchange units to keep your downtime to a minimum. Each accessory we overhaul or repair is tested by our FAA approved facility to maintain our high quality commitments. Airmark utilizes only the best time-proven parts to install, whether that part is, OEM or PMA.

Aircraft Magneto Overhaul and Repair

Note: Always refer to the parts and service manual of the original equipment manufacturer or to Aircraft Type Certificate Data Sheets or other FAA-approved data to determine eligibility of a part or component for use in any application. *Kit Includes: A13081, A13081-1, -2, & AM3611 **Kit Includes: AM3183-1, AM3183-2, & -3

FAA-PMA REPLACEMENT PARTS FOR SLICK TYPE MAGNETOS ...

OEM approved Slick Magneto Maintenance Kits Inspection and maintenance are simpler and more convenient than ever before. Champion also incorporated mechanic-endorsed features to improve performance and service life. Lift-off housing -Internal timing is not disturbed during inspections.

CHAMPION SLICK MAGNETO MAINTENANCE KITS | Aircraft Spruce

This designation and Champion's introduction of Slick Magneto detail part kits allows QAA to offer magnetos Rebuilt to factory new condition in accordance with Champion Master Service Manual, L-1363.

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The cost for parts according to the overhaul manual makes overhauling a Slick magneto generally less cost-efficient. That being said, Slick magnetos are a popular and trusted brand across the aviation industry. Quality Aircraft Accessories stocks a wide variety of Slick magnetos as well as aircraft magnetos, Bendix magnetos, and dual magnetos.

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