

Continuing Airworthiness Notice – 74-001



Slick 4200, 4300 and 4700 series Magnetos

15 July 2015

A Continuing Airworthiness Notices (CAN) is issued by the Civil Aviation Authority of New Zealand in the interests of aviation safety to alert, educate and make recommendations to the aviation community of essential information not considered mandatory. The information in this CAN does not meet the criteria for an Airworthiness Directive (AD). The inspections and practices described in this CAN must still be carried out in accordance with the applicable NZCAR Parts 21, 43 and 91.

CAN numbering is by ATA Chapter followed by a sequential number for the next CAN in that ATA Chapter.

Applicability:

Slick 4200, 4300 and 4700 series magnetos listed in Slick SB1-15 dated 7 February 2015.

Purpose:

This Continuing Airworthiness Notice (CAN) is issued to advise operators and maintainers that Champion Aerospace has issued Slick SB1-15 dated 7 February 2015 to introduce a new replacement K3008 distributor gear assembly with an improved electrode finger retention.

Background:

This CAN is prompted by the CAA and Champion Aerospace receiving numerous reports of finding loose electrode fingers in certain Slick magneto distributor gears which resulted in an unusual RPM drop during magneto checks, or difficult engine starts, or a rough running engine, and in certain instances, a loss of engine power.

A review of reports and failed parts received by Champion Aerospace found certain distributor gear assemblies fitted to 4 cylinder magnetos with a loose electrode finger.

To address this safety concern, Champion Aerospace issued Slick SB1-15 to introduce a replacement K3008 distributor gear assembly with an improved electrode finger retention.

Recommendation:

The CAA strongly recommends compliance with the requirements specified in Slick SB1-15 at the next aircraft maintenance inspection.

Slick SB1-15 dated 7 February 2015 can be obtained from the Champion Aerospace web site at <http://www.championaerospace.com/>

Enquiries:

Any enquires about the content of this CAN should be made to airworthinessdirectives@caa.govt.nz