

SERVICE BULLETIN NO. 141

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**DATE:** January 15, 1974

**SUBJECT:** LEFT-HAND MAGNETO "P" LEAD REPLACEMENT

**SERIALS AFFECTED:** AALB-0278 thru AALB-0286, AALB-0288, AALB-0289, AALB-0291, AALB-0292, AALB-0294 thru AALB-0298, AALB-0300, AALB-0302, AALB-0304 thru AALB-C308, AALB-0310, AALB-0311 and AALB-0313

AA5-0438 thru AA5-0452, AA5-0455 thru AA5-0465, AA5-0467 thru AA5-0478 and AA5-0482

**TIME OF COMPLIANCE:** Before further flight if rough operation has ever been experienced on left-hand magneto or within the next 25 hours of operation, but not later than February 28, 1974.

GENERAL

Several left-hand magneto "P" leads have been found with a condition that could lead to a possible short. To eliminate this possibility, all aircraft listed above must have the left-hand magneto "P" lead replaced with a factory new lead in the time specified above.

C A U T I O N

DC NOT ROTATE PROPELLER DURING THE FOLLOWING STEPS AS THE L.H. MAGNETO WILL BE ON.

REPLACEMENT

1. Disconnect left-hand magneto "P" lead from magneto and ignition switch. (Two terminals on each end - one for hot lead and one for shield ground).
2. Cut both terminals off one end of lead, pull out of wire bundle and remove from aircraft.
3. Feed new "P" lead through wire bundle opening in firewall. Remove sealant compound as necessary around wire bundle to facilitate installation of new lead.
4. Route new lead along outside of original bundle to ignition switch.
5. Connect terminals to magneto and ignition switch.
6. Install tie-wraps as required to hold new lead securely to wire bundle.
7. Reseal wire bundle to firewall with firewall sealant.
8. Check operation of new lead by performing an engine run up check.
9. Make appropriate log entry.

PARTS INFORMATION

Magneto lead assembly - part number 51 JA 1 - price \$1.36 (E) ea., one (1) required, will be available for each affected aircraft at no charge from your authorized Grumman American Aviation Corporation Dealer until February 28, 1974. After that date, they will be available at normal price. One (1) lead assembly for each affected aircraft is being mailed with this Service Bulletin to owners of record as of January 15, 1974.

CREDIT INFORMATION

A labor credit allowance of 1.0 hour at the Dealer's Prevailing Shop Rate will be available for each affected aircraft for compliance with this Service Bulletin.

All work must be performed or authorized by a Grumman American Aviation Corporation Dealer or representative and a completed Warranty Claim Form No. GAA-740 submitted to the factory prior to March 31, 1974 for credit allowance.

SERVICE REPLY CARD

IMMEDIATELY ON COMPLETION OF WORK, A SERVICE REPLY CARD (ATTACHED), IS TO BE COMPLETED AND RETURNED, NOTING COMPLIANCE WITH THE REQUIREMENTS OF THIS SERVICE BULLETIN NO. 141.

Prices subject to change without notice.

GRUMMAN AMERICAN AVIATION CORPORATION

~~RE: pjo.~~

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