



The New Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, Florida, U.S.A. 32960

SERVICE *No. 1049* LETTER

Date: April 30, 2002 (S)

SUBJECT: VOLTAGE REGULATOR REPLACEMENT

MODELS AFFECTED:

PA-32R-301 Saratoga HP
PA-32R-301T Saratoga TC

SERIAL NUMBERS AFFECTED:

3246018 through 3246203
3257001 through 3257270

COMPLIANCE TIME:

At the next regularly scheduled maintenance event or at the discretion of the operator.

APPROVAL:

The alteration as specified in the instructions section has been shown to comply with the applicable Federal Aviation Regulations and is FAA approved.

PURPOSE:

There have been field reports of nuisance tripping offline of the alternator during operation. The problem typically arises following the replacement of the alternator and occurs within a short period of time (less than 10 hours) following the replacement. A modified voltage regulator has been developed that has additional circuitry that eliminates the nuisance tripping. This service bulletin announces the availability of the modified voltage regulator.

INSTRUCTIONS:

1. Replace the existing voltage regulator (P/N 68804-006) with the new voltage regulator (P/N 68804-007) if either of the following conditions exist:
 - a) The aircraft displays the nuisance tripping offline of the alternator, and voltage regulator P/N 68804-007 has not previously been installed.
 - or
 - b) The alternator requires replacement and voltage regulator P/N 68804-007 has not previously been installed.
2. After installation of the new voltage regulator (P/N 68804-007), make a logbook entry indicating compliance with this Service Letter.

(OVER)

ATA: 2424

MATERIAL REQUIRED: One (1) each, voltage regulator, Piper part number 68804-007, per aircraft.

NOTE: Upon replacement of an alternator, the new alternator is then covered by Lycoming a warranty. Upon replacement of a voltage regulator, the new voltage regulator is then covered by a Piper warranty.

AVAILABILITY OF PARTS: Your Piper Field Service Facility.

EFFECTIVITY DATE: This Service Letter is effective upon receipt.

SUMMARY: Applicable Factory Participation is limited to new aircraft in warranty at the time of compliance. Factory Participation will remain in effect for a period of time **not to exceed 180 days** from the date of this Service Letter.

Please contact your Factory Authorized Piper Service Facility to make arrangements for compliance with this Service Letter in accordance with the compliance time indicated.

NOTE: If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify the factory of address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Corrections/changes should be directed to:

THE NEW PIPER AIRCRAFT, INC.
Attn: Customer Care
2926 Piper Drive
Vero Beach, FL 32960