



SERVICE LETTER

No. 828

Piper Aircraft Corporation

August 28, 1978 S

Subject: Electrical System Refinement

Models Affected: Serial Numbers Affected:

PA-18 "150" Super Cub* See individual sections, below

* with Alternator installation only.

Compliance Time: At owner/operator's discretion.

Purpose:

This service release announces material and instructions to refine the electrical system on the above referenced aircraft by (1) replacing the overvoltage relay with a new, improved unit (and related system rewiring), designed with improved electrical system protection characteristics, and (2) replacing the existing starter power relay with a new refined relay - designed to improve cold weather starting performance.

Two (2) separate field modification kits, containing necessary materials and instructions are available and are identified below in Sections I and III.

SECTION I

Subject: Overvoltage Relay Replacement

Serial Numbers Affected: 18-7409140 to 18-7709198 inclusive, equipped with Alternators only.

Instructions:

Contained in Piper Kit No. 763 827, Overvoltage Relay Replacement.

Material Required:

One (1) each per aircraft Piper Kit No. 763 827, Overvoltage Relay Replacement @ suggested unit list price of \$140.00A.

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SECTION II

Subject: Starter Power Relay Replacement

Serial Numbers Affected: 18-7409140 to 18-7809053 inclusive, equipped with Alternators only.

Instructions:

Contained in Piper Kit No. 763 826, Power Relay Replacement.

Material Required:

One (1) each per aircraft Piper Kit No. 763 826, Power Relay Replacement @ suggested unit list price of \$72.00C.

Availability of Parts:

Your Piper Field Service Facility.

Effectivity Date:

This Service Release is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to make arrangements to incorporate the above described electrical system product refinement items on your aircraft. Coordination of this program with a regularly scheduled inspection/maintenance interval will assist in minimizing labor time.