



# SERVICE No. 486 BULLETIN

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"Modification DOA EA-1 Approved"

October 11, 1976 M

Subject:

Wing Tip Navigation Light Wire Insulation

Models Affected:

PA-23-250 (6 place) Aztec "F"

Serial Numbers Affected:

27-7654001 to 27-7654049 Inclusive, 27-7654051 to 27-7654099 Inclusive, 27-7654101 to 27-7654116 Inclusive, 27-7654118 to 27-7654131 Inclusive, 27-7654133 to 27-7654146 Inclusive, 27-7654148 to 27-7654160 Inclusive, 27-7654162 to 27-7654164 Inclusive, and 27-7654166 to 27-7654171 Inclusive.

Compliance Time:

Within the next fifty (50) hours of operation.

Purpose:

A recent field report described a condition in which persistent NAV light circuit breaker tripping was found to have been caused by the wing tip-mounted strobe NAV light wire chafing and shorting on the adjacent wing tip rib. This condition could lead to electrical arcing in this area.

This service release provides material and instructions to apply additional insulating material to the applicable electric wiring to preclude chafing - and possible shorting - of the wire on the adjacent wing tip rib.

Instructions:

Contained in Piper Kit No. 761 099, Wing Tip Wiring System Modification.

Material Required:

One (1) each per aircraft, Piper Kit No. 761 099, Wing Tip Wiring System Modification.

Availability of Parts:

Your Piper Field Service Facility.

Effectivity Date:

This service release is effective upon receipt.

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Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance with this service release in accordance with Compliance Time, above. Modification material described herein is available free of charge through your Piper Field Service Facility for a period of time not to exceed twelve (12) months from the issue date of this service release.