



# SERVICE BULLETIN

No. 523

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"Modification DOA EA-1 Approved"

October 8, 1976 M

---

<u>Subject:</u>	24 Volt Cigar Lighter Element Replacement
<u>Models Affected:</u>	<u>Serial Numbers Affected:</u>
PA -23-250 (6 place) Aztec "F"	27-7654015 to 27-7654053 Inclusive, 27-7654055 to 27-7654146 Inclusive, 27-7654148 to 27-7654161 Inclusive, 27-7654163 to 27-7654172 Inclusive, 27-7654174, 27-7654175, 27-7654179, 27-7654180, 27-7654187, 27-7654188, 27-7654190, 27-7654191, 27-7754004, 27-7754006, 27-7554010 and 27-7754012.
PA -31 and PA -31-325 Navajo	31-7612015 to 31-7612080 Inclusive, 31-7612082 to 31-7612091 Inclusive, 31-7612096 and 31-7612099.
PA -31-350 Navajo Chieftain	31-7652027 to 31-7652162 Inclusive, 31-7652164 to 31-7652166 Inclusive and 31-7652168.
PA -31P Pressurized Navajo	31P-7630009 to 31P-7630016 Inclusive.
PA -31T Cheyenne	31T-7620015 to 31T-7620049 Inclusive.

Compliance Time:

Within the next twenty-five (25) hours of operation.

Purpose:

Reports have been received from the field describing a tendency of the 24 volt cigar lighter element coils to become detached and uncoil following withdrawal from the mating receptacle. This could produce a potentially hazardous condition in the cabin area.

This service release provides material and instructions to replace the existing 24 volt cigar lighter elements located in the instrument panel or control pedestal and folding table installation (depending on aircraft model/interior configuration) with new replacement elements-redesigned to include positive heating coil retention security.

over

Instructions:

1. Replace existing 24 volt cigar lighter element assembly (element and knob) with new improved element (ref. Material Required, below) and discard; destroy old element(s).
2. Make appropriate log book entry indicating compliance with this service release.

Material Required:

Cigar Lighter Element Assembly, Piper part number 55674-02, maximum three (3) per aircraft, depending on aircraft model/interior configuration.

Availability of Parts:

Your Piper Field Service Facility.

Effectivity:

This service release is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance with the provisions of this service release in accordance with Compliance Time, above. Replacement material required per this service release is available through your Piper Field Service Facility at no charge for a period of time not to exceed twelve (12) months from the issue date of this service release.