



# SERVICE LETTER

No. 935

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

FAA APPROVED

March 26, 1982

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Subject:

ELT Antenna Inspection

Models Affected:

PA-31 Navajo and PA-31-325 Navajo C/R  
PA-31-350 Chieftain  
PA-42 Cheyenne III

Serial Numbers Affected:

31-7912001 through 31-8112070  
31-7952001 through 31-8152171  
42-7800002 through 42-7801004,  
42-8001001 through 42-8001055

Compliance Time:

Recommended at next scheduled maintenance event.

Purpose:

Service reports received from the field indicate the possible absence of the ELT fixed antenna's contact separator. If this separator is not installed between the portable antenna contact finger and antenna blade, both antennas could be connected, degrading the performance of the ELT and causing a reduction of signal range.

This Service Letter provides instructions for the inspection of the ELT unit, and if required, installation of the antenna contact separator.

Instructions:

1. Gain access to the ELT unit.
2. Insure that the coax cable connector is locked in position on ELT unit.
3. Insure contact separator Narco Part No. 04491-1 is properly installed (reference attached sketch).
4. If contact separator is not installed or if replacement is required, install Nacro Part No. 04491-1 Contact Separator, as shown on attached sketch.
5. After inspection of coax connector and contact separator, secure area of ELT unit.
6. Make appropriate logbook entry indicating compliance with this Service Release.

Material Required:

<u>Part Number</u>	<u>Quantity</u>	<u>Nomenclature</u>
04491-1 (Narco)	1	Contact Separator

Availability of Parts:

Contact Narco Avionics Service Facility.

Effectivity Date:

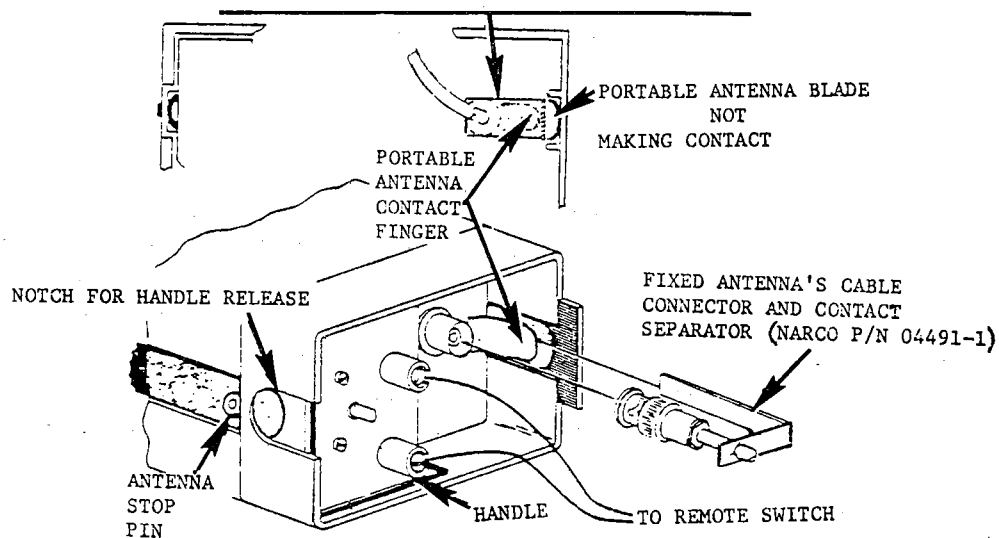
This Service Letter is effective upon receipt.

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Summary: Please contact your Piper Field Service Facility to arrange for compliance with this Service Release. If replacement parts are required, secure them through a Narco Avionics Service Facility.

Any applicable Factory participation will remain in effect for a period of time not to exceed 180 days from the date of this service release.

CONTACT SEPARATOR INSTALLED  
BETWEEN CONTACT FINGER AND  
PORTABLE ANTENNA BLADE



NARCO ELT - 10  
CABLE CONNECTOR AND CONTACT  
SEPARATOR