



S.A. 31T2-6

Modification FAA Approved

April 19, 1982

To: All Affected CORPAC's

Attention: CORPAC Service Administrator

Subject: Avionics Bay Door Seal and Protective Blanket Installation

Model Affected: PA-31T2 Cheyenne II XL

Serial Numbers Affected: 31T-8166001 through 31T-8166012

Compliance Time: Within the next twenty-five (25) hours of operation or at the next scheduled Maintenance Event, whichever occurs first.

Purpose: A field report indicates that water could leak around the access door on the left side of the nose section and enter the avionics bay. Exposure to moisture could damage avionics equipment. This Service Release provides instructions to improve the sealing around the access door and to install a protective blanket around avionics equipment.

Instructions:

1. Replace the twenty-four (24) Camloc receptacles on the avionics bay door frame with closed type receptacles as follows:
 - a. Drill out the two (2) rivets attaching each of the receptacles to the door frame, and remove the receptacles (Sketch I).
 - b. Attach twenty-four (24) new closed type 40R12-2 Camloc receptacles (Piper Part No. 584 219) at each existing receptacle cutout. Use two (2) MS20426AD4-5 rivets (Piper Part No. 420 723) at each receptacle. Seal as shown (Sketch II).
2. Install protective blanket (Piper Part No. 01312-03) as follows (Refer to Sketch III).
 - a. Install the hook portion (180 410) of Velcro Tape in the corner of the door frame. Use Carboline neoprene F1 Adhesive or equivalent (Contact cement).
 - b. Install blanket (01312-03) as shown, using 6-inch segments of trim strip (189 379).
3. Make appropriate logbook entry of compliance with this Service Release.

(over)

ATA: 3400

Material Required:

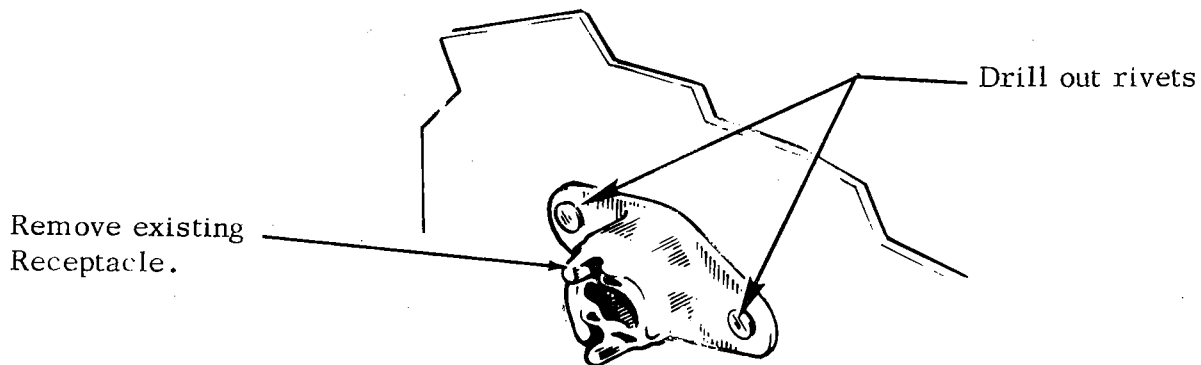
<u>Part No.</u>	<u>Quantity</u>	<u>Nomenclature</u>
584 219	24	Camloc Receptacle 40R12-2
914 047	1	2 1/2 oz. Tube Sealant
		PRC 1221 Type A
420 723	48	Rivet MS20426AD4-5
01312-03	1	Blanket
180 410	1 Strip, 40 Inches	Velcro Hook Tape
189 379	18 inches	Trim Strip
	(6 Strips, 3 Inches each)	

Availability of Parts: Your Piper Field Service Facility.

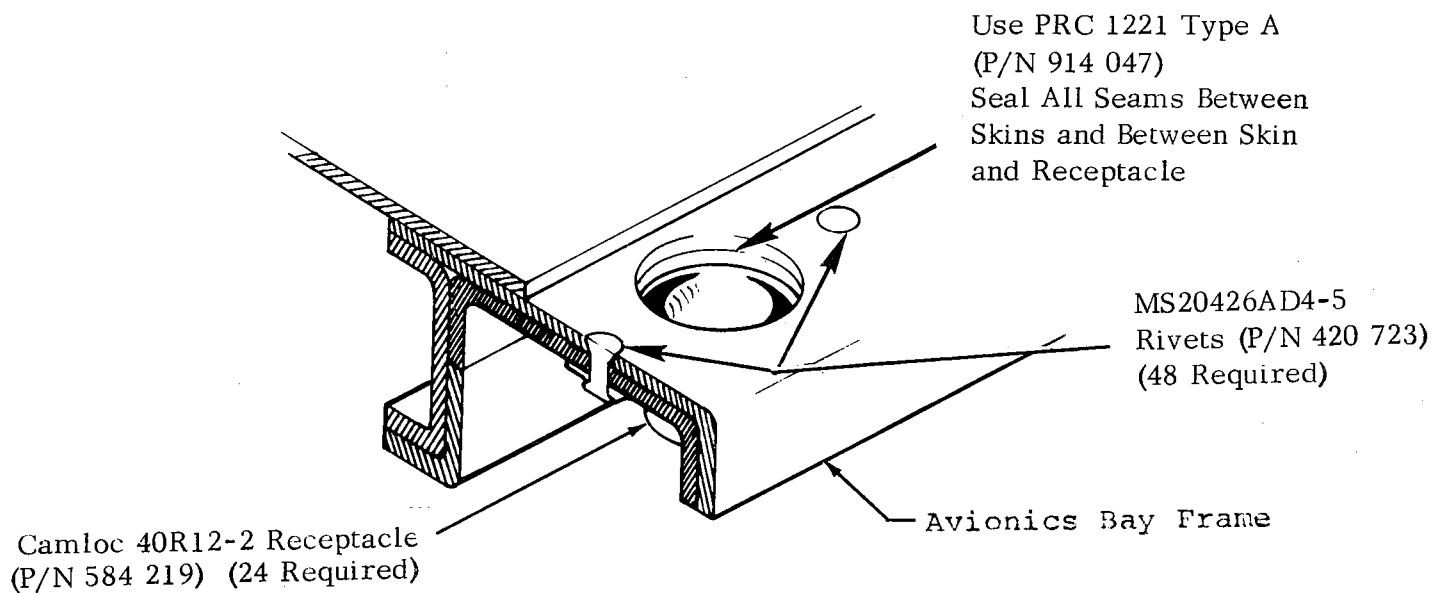
Effectivity Date: This Service Release is effective upon receipt.

Summary: Please advise current owner/operator of affected aircraft to arrange for compliance with this Service Release in accordance with Compliance Time, above.

Credit is available for material and for up to three (3) hours labor, provided compliance is within ninety (90) days of the date of this release. Comply with Product Condition/Compliance Report procedure.



SKETCH I



SKETCH II

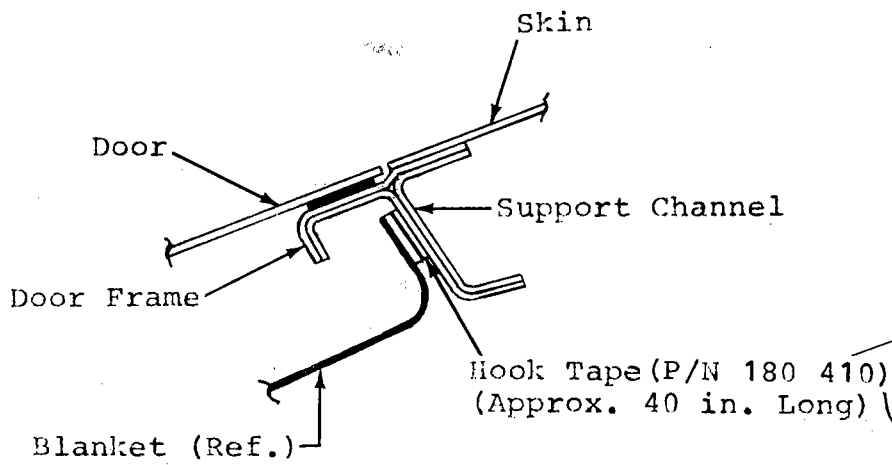


FIGURE 1
(Tape Installation)

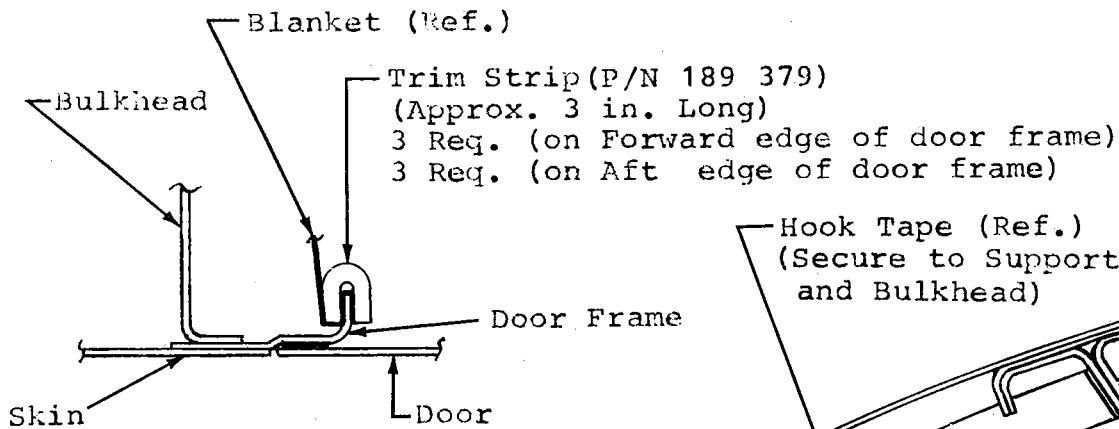
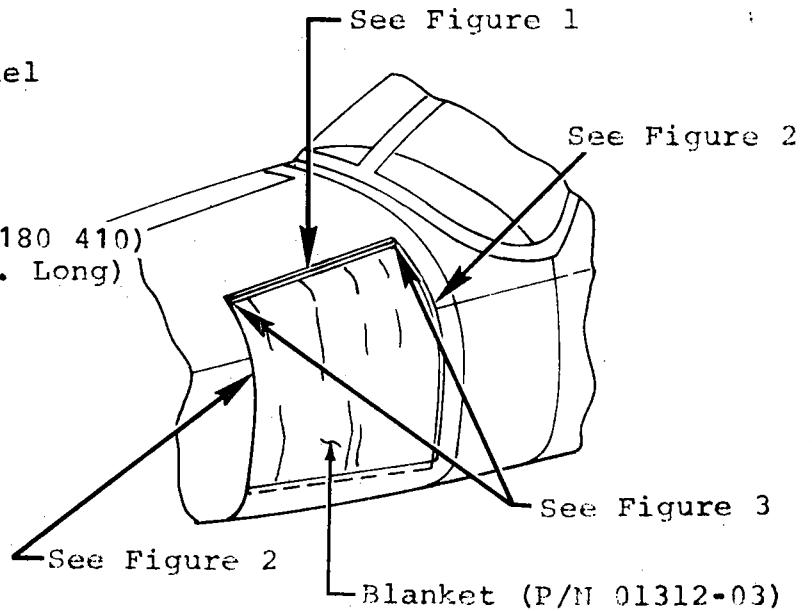


FIGURE 2
(Trimstrip Installation)

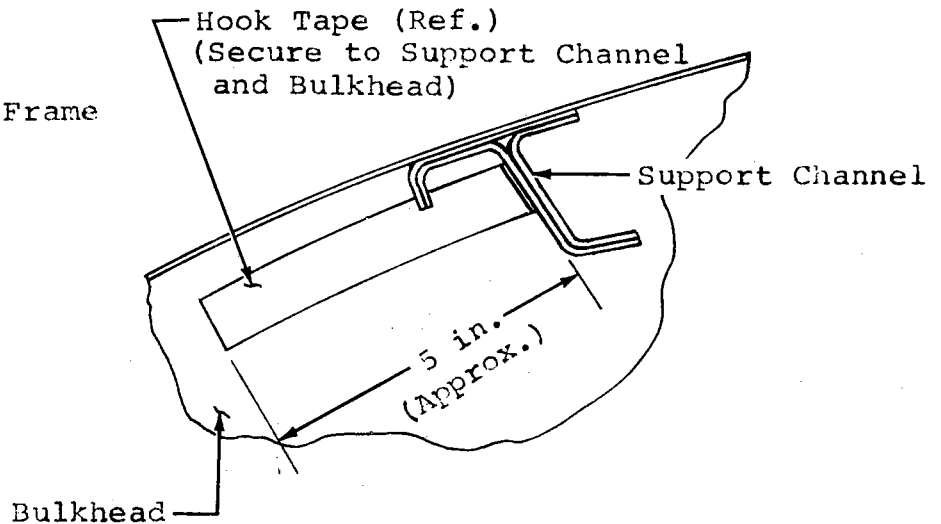


FIGURE 3
(Tape Installation at STA. 57 and STA. 25.6)

SKETCH III

Ref. S.A. 31T-6