



SERVICE BULLETIN

No. 286

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"F.A.A. DOA EA-1 Approved"

October 29, 1968

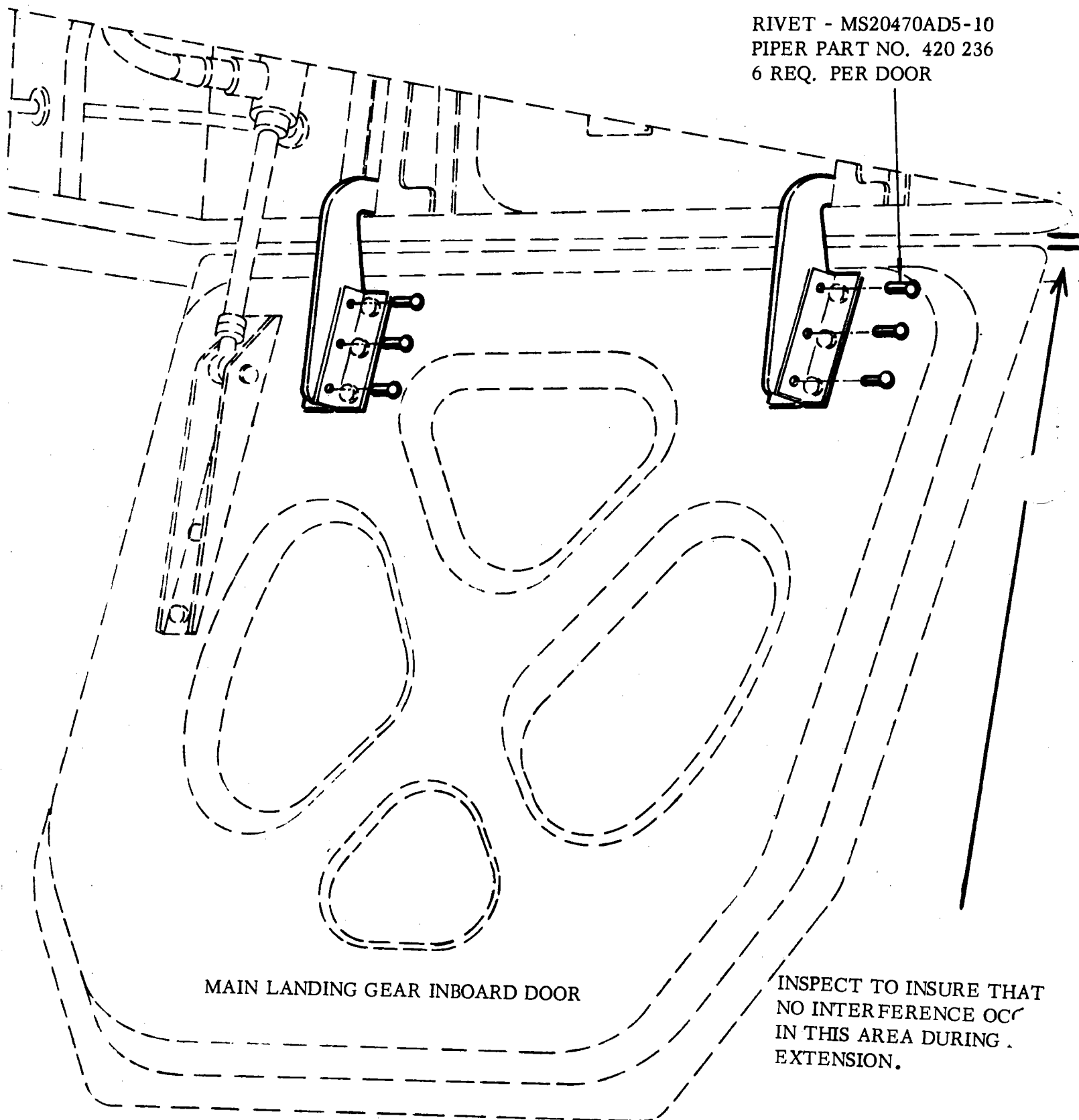
<u>Subject:</u>	Main Landing Gear (Inboard) Door Hinge Attaching Rivets
<u>Models Affected:</u>	PA-31 and PA-31-300 Navajo
<u>Serial Numbers Affected:</u>	31-2 to 31-292 incl.
<u>Compliance Time:</u>	Prior to but not later than the next 50 hours of operation
<u>Purpose:</u>	Provide instructions to replace existing main landing gear (inboard) door hinge attaching rivets (1/8 in. diameter) with larger diameter (5/32 in.) type MS20470AD5-10 (Piper part number 420 236) rivets.
<u>Instructions:</u>	<p>Using standard rivet removal practices, remove existing 1/8 in. diameter rivets that attach the main landing gear (inboard) door hinge (part number 41984-00, fore and aft) to the door hinge attachment angles (part numbers 42048-00, fore and 42048-01, aft). A no. 21 drill is required for drilling the proper size hole for the 5/32 in. diameter rivets.</p> <p>Reassemble door hinges to door hinge attachment angles, using 5/32 in. diameter rivets type MS20470AD5-10, Piper part number 420 236. (See sketch on reverse side of this bulletin.)</p>
<u>Material Required:</u>	Twelve (12) each MS20470AD5-10 Rivets, Piper part number 420 236.
<u>Availability of Parts:</u>	Piper Dealer
<u>Material Allowance:</u>	None
<u>Labor Allowance:</u>	One and one-half (1 1/2) hours; comply with warranty and credit claim procedures.
<u>Labor Allowance Termination Date:</u>	April 30, 1969

(over)

NOTE

Extend the inboard doors, observing that no interference occurs between the inboard landing gear door skin and the wing skin in the butt rib area.

RIVET - MS20470AD5-10
PIPER PART NO. 420 236
6 REQ. PER DOOR



MAIN LANDING GEAR INBOARD DOOR

INSPECT TO INSURE THAT
NO INTERFERENCE OCC
IN THIS AREA DURING
EXTENSION.