

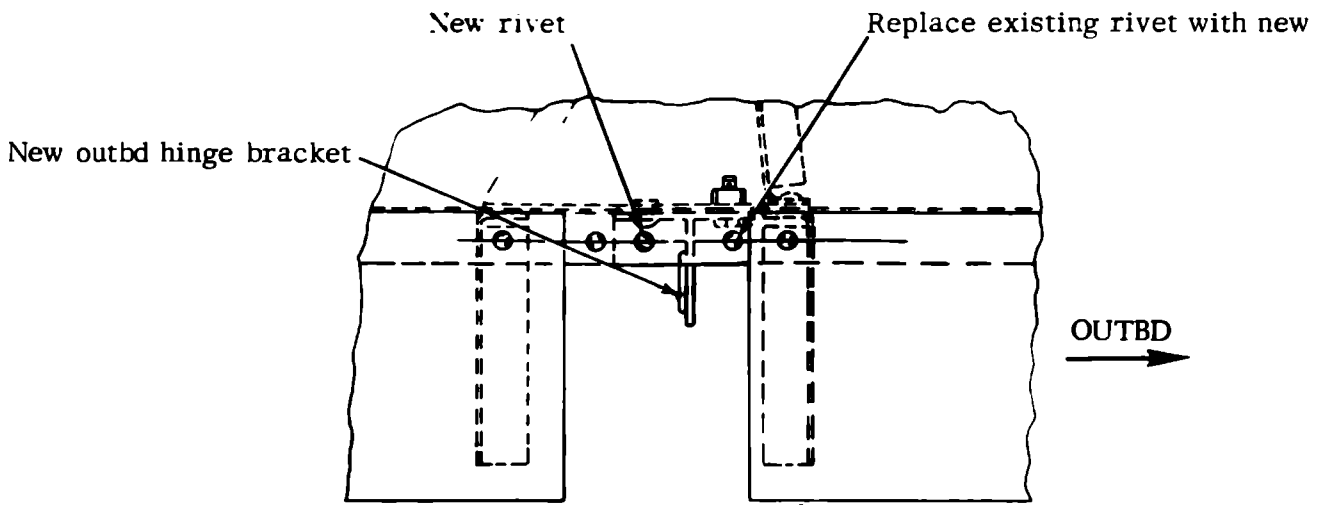
## AILERON OUTBD. HINGE BRACKET REPLACEMENT

PA-24-180, PA-24-250, ~~PA-24-260~~ PA-24-400, PA-30 and PA-39

<u>PART NO.</u>	<u>QUANTITY</u>	<u>NOMENCLATURE</u>
	1	<del>Kit List</del>
	1	Sketch "A" (750409)
28274-06	1	Bracket Assy - Aileron Outbd. Hinge
420 201	4	Rivet - MS20470AD3-4
522 882	2	Rivet - NAS1738B4-2

INSTRUCTIONS

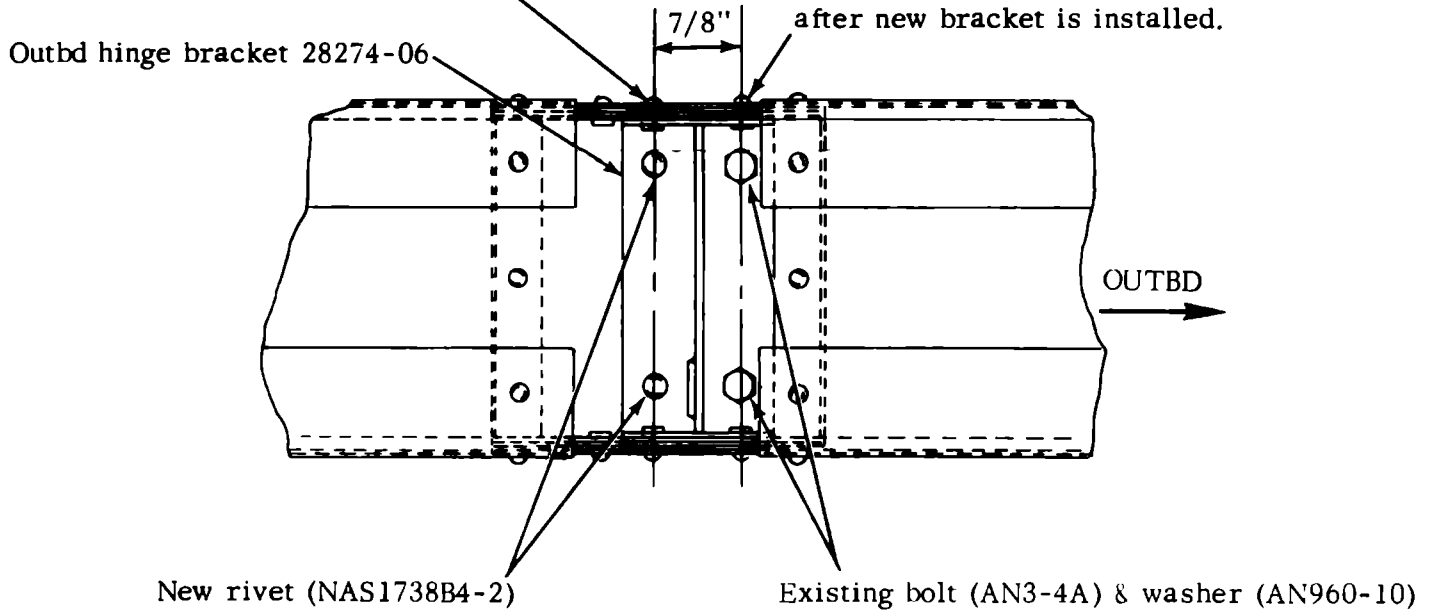
1. Remove outboard hinge bracket from aileron by removing two attachment bolts.
2. Remove one existing rivet from top skin and one from bottom skin as shown on Sketch "A."
3. Enlarge two holes in new bracket to .191 (≅.1875 drill) and attach bracket to spar using existing attachment bolts and washers (refer to Sketch "A").
4. Using two remaining holes in new bracket as a guide, drill .144 holes (≅.140 drill) thru bracket and spar. Install NAS1738B4-2 rivet in each hole.
5. Using existing holes from rivets removed in step 2 as a guide, drill .098 holes (≅.095 drill) thru top and bottom flange of new bracket. Install MS20470AD3-4 rivet in each hole.
6. Locate and drill two additional .098 holes thru skin and bracket flanges per Sketch "A." Install MS20470AD3-4 rivet in each hole.



TOP VIEW OF LEFT AILERON SHOWN - RIGHT OPPOSITE

Drill .098 holes thru top and bottom skins and install new rivets (MS20470AD3-4).

Remove existing rivet from top and bottom skins. Install new rivets (MS20470AD3-4) after new bracket is installed.



FRONT VIEW OF LEFT AILERON SHOWN - RIGHT OPPOSITE

Aileron Outbd Hinge Bracket Replacement	
SKETCH "A"	KIT 760 914
PIPER AIRCRAFT CORPORATION	
LOCK HAVEN, PENNSYLVANIA	