

AILERON NOSE RIB REINFORCEMENT

PA-30 - Serial Nos. 30-1 and up
 PA-24-260 - Serial Nos. 24-4000 and up
 PA-24-180-250 - Serial Nos. 24-1 and up
 PA-24-400 - Serial Nos. 26-1 and up
 PA-39 - Serial Nos. 39-1 and up
 (Reference Drawing 20234 - Rev. AF)

<u>PART NO.</u>	<u>QUANTITY</u>	<u>NOMENCLATURE</u>
	1	Kit List
	1	Installation Instructions (780911)
	1	Sketch "A" (R791031)
	1	Sketch "B" (R791031)
20234-42	4	Bulkhead Assembly
420 200	34	Rivet - AN470AD3-3
420 201	58	Rivet - AN470AD3-4
420 202	8	Rivet - AN470AD3-5
420 217	28	Rivet - AN470AD4-5
522 881	16	Rivet - NAS1738B4-1

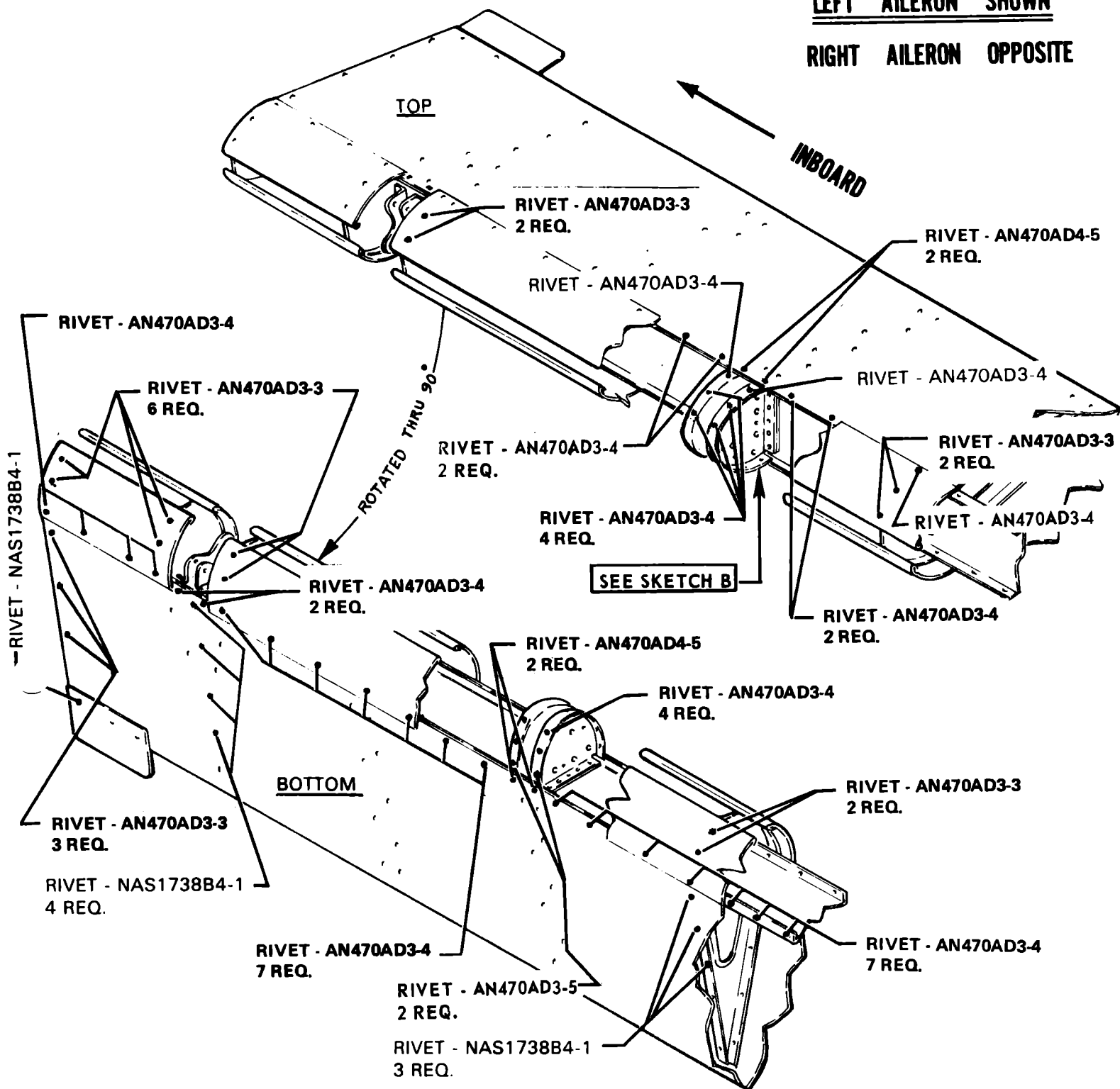
INSTALLATION INSTRUCTIONS

The bulkhead assembly to which the balance arm attaches may be replaced in the aileron by the following procedure:

- A. Remove the aileron from the wing by pulling the aileron downward and removing the nut, washers and bolt from the aft end of the control rod.
- B. Place the aileron on a padded bench.
- C. Remove the balance arm by removing nuts, washers, and bolts. Note its relative position for reinstallation.
- D. To facilitate installation of the bulkhead assembly to the spar, it is necessary to remove the rivets from the leading edge and underside of the aileron where shown in Sketch A.
- E. Remove the bulkhead assembly by removing the rivets that secure the bulkheads to the spar.
- F. Place the bulkhead assembly (P/N 20234-42) in position against the spar and install rivets in the existing holes. The lower skin must be lifted to insert a bucking bar behind the rivets.
- G. Between the rivets just installed, drill two equally spaced holes through each bulkhead and spar; and install additional rivets as shown in Sketch B.
- H. Reinstall the underside and leading edge of aileron with rivets where removed.
- I. Touch up paint and reinstall balance arm.
- J. Install aileron on the wing and check rigging and adjustment.
- K. Make proper Logbook entry of kit installation.

LEFT AILERON SHOWN

RIGHT AILERON OPPOSITE



REMOVE RIVETS WHERE CALLOUTS FOR NEW RIVETS ARE SHOWN

AILERON NOSE RIB REINFORCEMENT	
SKETCH "A"	KIT 763 893
PIPER AIRCRAFT CORPORATION	
LOCK HAVEN, PENNSYLVANIA	

