



SERVICE BULLETIN

No. 636A

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

FAA Approved

August 26, 1980

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(Service Bulletin No. 636A supersedes and voids Service Bulletin No. 636 dated June 30, 1980.)

<u>Subject:</u>	Bulkhead Reinforcement at STA .317.75
<u>Reason for Revision:</u>	Change <u>Compliance Time</u> , and <u>Purpose</u> .
<u>Models Affected:</u>	<u>Serial Numbers Affected:</u>
PA-31/31-300/31-325 Navajo	31-2 through 31-7912039
PA-31-350 Chieftain	31-5001 through 31-7952071
<u>Compliance Time:</u>	Within the next one hundred (100) hours of operation or at the next regularly scheduled inspection event, whichever occurs first, and every one hundred (100) hours of operation thereafter unless/until Kit 763 917 or Kit 764 028 is installed or if cracks are found, in which case Kit 764 028 <u>must</u> be installed.

Purpose:

In several of the above listed aircraft, instances have occurred of cracks developing in the bulkhead flange area of STA. 317.75 at the attachment point for the vertical fin forward spar. If left unattended, this condition could eventually result in the loss of structural integrity of the vertical fin forward attachment. This condition has been limited to aircraft with two thousand (2000) or more hours of operating time.

This Service Bulletin provides instructions for a recurring inspection of the affected area at every one hundred (100) hours of operation and announces the availability of Bulkhead Reinforcement and Drag Angle Installation Kits to relieve the recurring inspection requirement and to repair aircraft in which cracks exist.

Instructions:

For instructions refer to the attached Sketch/Instruction data.

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Material Required:

If NO cracks are found during inspection, one (1) each per aircraft, Piper Part Number 763 917, Bulkhead Reinforcement and Drag Angle Installation Kit.

If cracks ARE found during inspection, one (1) each per aircraft, Piper Part Number 764 028 Bulkhead Reinforcement and Drag Angle Installation Kit.

Availability of Parts:

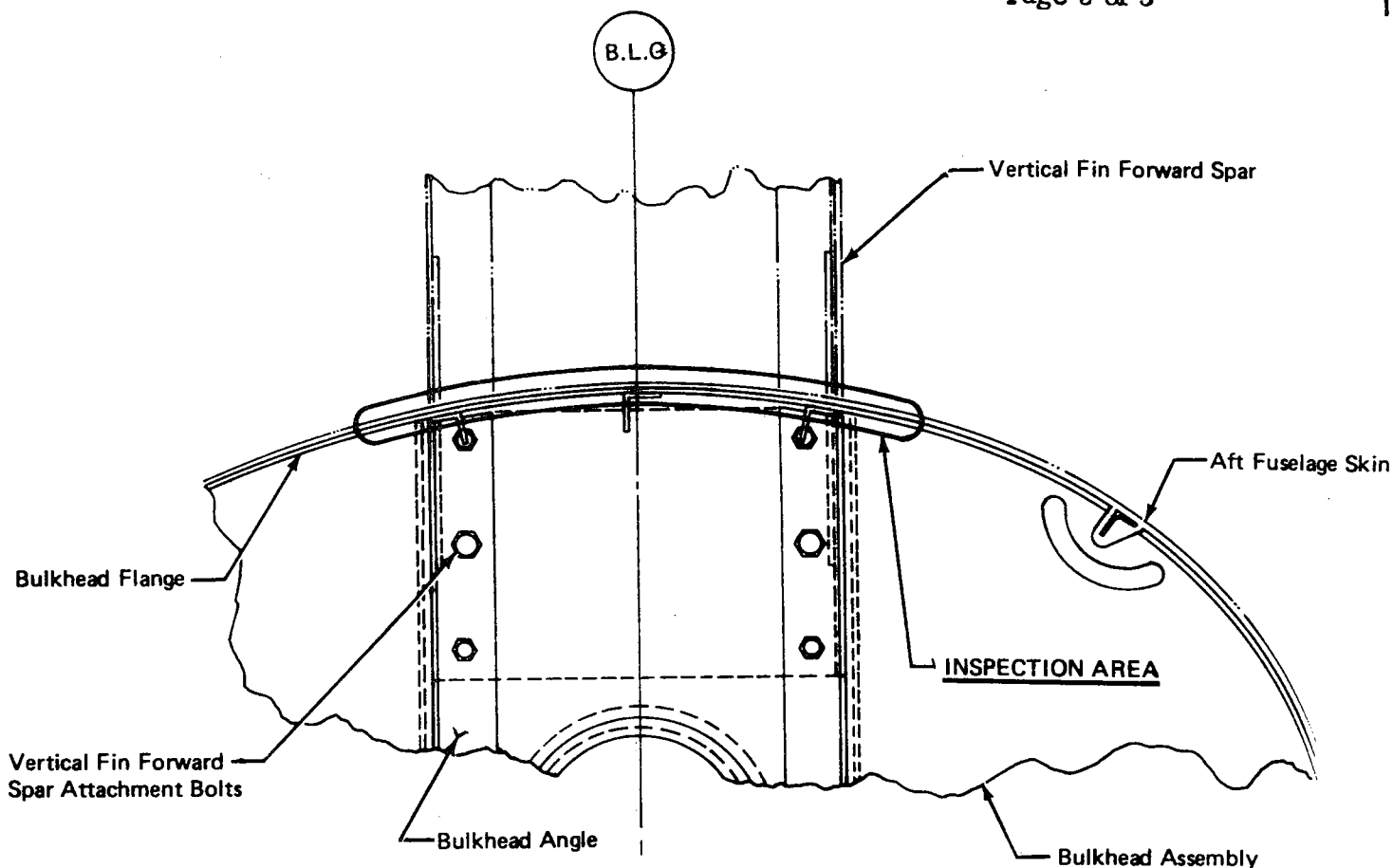
Your Piper Field Service Facility.

Effectivity Date:

This Service Bulletin is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to arrange for compliance with the provisions of this Service Release in accordance with Compliance Time, above.



VIEW LOOKING AFT AT STA. 317.75 AFT FUSELAGE BULKHEAD

INSTRUCTIONS

1. Gain access to the forward side of Sta. 317.75 aft fuselage bulkhead by removing the right side access panel (aft of Sta. 274 bulkhead on aircraft so equipped) or by removing the interior closeout panel at Sta. 274.
2. Inspect the upper section of Sta. 317.75 bulkhead for evidence of cracks in the bulkhead flange area. Refer to sketch for inspection area. Use a 10X magnifying glass.
 - a. If no cracks are found, the bulkhead must be inspected at each 100 hours of operation unless Bulkhead Reinforcement and Drag Angle Installation Kit P/N 763 917 is installed.
 - b. If cracks are found, Bulkhead Reinforcement and Drag Angle Installation Kit P/N 764 028 must be installed prior to further flight.
3. Reinstall exterior and/or interior access panel(s).
4. Make proper Logbook entry of compliance with this Service Bulletin.