

**TECHNICAL BULLETIN**  
**Bell Helicopter** **TEXTRON**

A Subsidiary of Textron Inc.

No. 214ST-02-167

Date 05-31-02

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**MODEL AFFECTED:** 214ST

**SUBJECT:** TAILBOOM STATION (BS) 293.50 BULKHEAD INSTALLATION AND VERTICAL FIN ASSEMBLY SPLICES, ADDITIONAL MAINTENANCE MANUAL INSPECTION REQUIREMENTS.

**HELICOPTERS AFFECTED:** All Model 214ST Helicopters

**COMPLIANCE:** Effective upon receipt of this Technical Bulletin

**DESCRIPTION:**

Service experience indicates that more frequent and more specific inspection criteria is required to ensure continued airworthiness of the tailboom station (BS) 293.50 bulkhead installation and vertical fin assembly Splices, P/N 214-031-313.

The 214ST Maintenance Manual "B" Inspection (250 hours) requirements, Tailboom, are revised to include a specific visual inspection of the BS 293.50 bulkhead installation and attaching structure, including the vertical fin assembly splices.

**APPROVAL:**

Not required.

**MANPOWER:**

Approximately 4.0 man-hours are required to complete the inspection described in this bulletin when performed on helicopters with the emergency flotation system installed. Man-hours are based on hands-on time, and may vary with personnel and facilities available.

**MATERIALS:**

None required.

**SPECIAL TOOLS:**

None required.

**WEIGHT AND BALANCE:**

Not Affected.

**ELECTRICAL LOAD DATA:**

Not affected

**REFERENCES:**

BHT-214ST-IPB, Illustrated Parts Breakdown, Chapter 53

BHT-21ST-MM, Maintenance Manual, Chapter 5

**PUBLICATIONS AFFECTED:**

BHT-214ST-MM, Maintenance Manual, Chapter 5.

**ACCOMPLISHMENT INSTRUCTIONS:**

Refer to 214ST Maintenance Manual, Chapter 5, Scheduled Inspections, "B" Inspection (250 hours).

Revise Paragraph 5-8, TAILBOOM, by adding sub-paragraph 1A. as noted below:

- 1A. Visually inspect BS 293.50 bulkhead assembly and attaching structure (including all visible portions of the bulkhead, its flanges, caps, and the P/N 214-031-313 splices) for cracks and working fasteners. Pay particular attention to the splices at the fillet radii, the attach fasteners, and the areas between the attach fasteners.

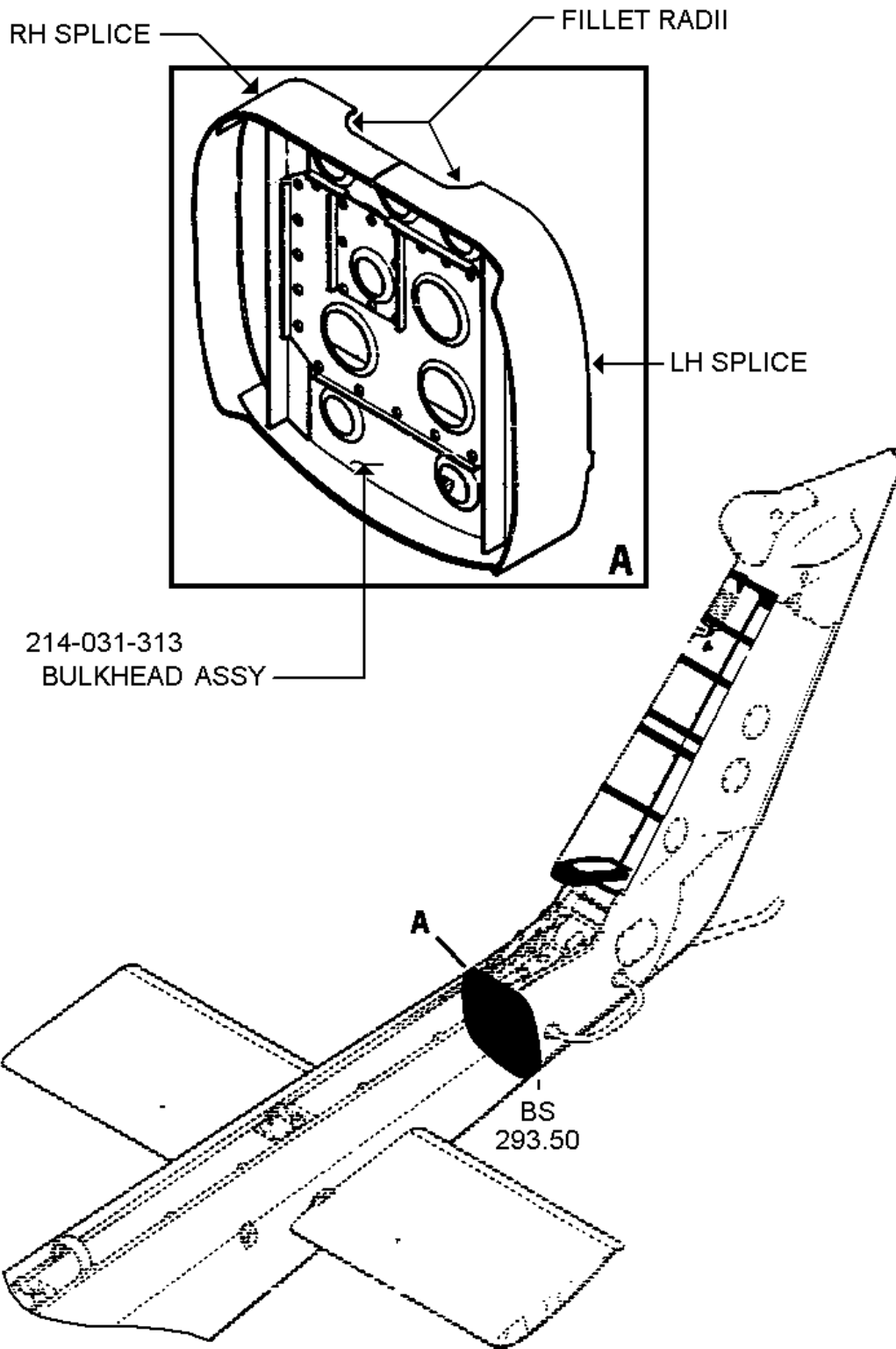


FIGURE 1