

SERVICE BULLETIN

**Kawasaki BK117**

TITLE: Improvement of Cargo Hook Cover

1. EFFECTIVITY

Helicopter Affected:

<u>Model</u>	<u>Mfg. Serial No.</u>
KAWASAKI-BK117, BK117 A-3, BK117 A-4, BK117 B-1, BK117 B-2, BK117 C-1	All equipped with Cargo Hook
KAWASAKI-BK117 C-2	All equipped with Cargo Hook

2. PURPOSE

This Service Bulletin aims at recommendation of installation of Cargo Hook Cover to which the following improvement was made for the purpose of prevention of unexpected opening of Cargo Hook.

- Increased thickness of the cushions for Manual Release Button (for avoiding interface with rope, etc.)
- Change the shape of the button hole (for securement operability of Manual Release Button, caused by increase thickness of the cushions)

As for incidents of unexpected opening and the details of prevention of unexpected opening, refer to KSN-117-90A.

3. CATEGORY

DESIRABLE

4. COMPLIANCE

If buckets for extinguishing fire are used in operation, it is recommended to apply the improvement as early as possible.

5. JCAB APPROVAL

This service bulletin does not require JCAB approval.

6. LOGBOOK ENTRY

Make an entry in the aircraft Logbook stating that the work in accordance with KSB-117-429 has been done.

7. MAN-HOUR REQUIRED

Approximately 0.1 man-hours (for reference only) will be required.

8. WEIGHT AND BALANCE CHANGE

Negligible

9. ACCOMPLISHMENT INSTRUCTIONS

Remove the Cargo Hook Cover currently installed and replace it with improved one.

10. PARTS AND MATERIAL INFORMATION

(1) Required Parts for One Helicopter

Part Number	Part Name	Qty	Remarks
117-83644-13	Cargo Hook Cover	1	Apply to before BK117 C-1
117-83644-15	Cargo Hook Cover	1	Apply to before BK117 C-1 (Load Cell install version)
117-83644-205	Cargo Hook Cover	1	Apply to BK117 C-2

(2) Required Materials for One Helicopter

None

(3) Parts to be Removed

Part Number	Part Name	Qty	Remarks
117-83644-09	Cargo Hook Cover	1	Apply to before BK117 C-1
117-83644-11	Cargo Hook Cover	1	Apply to before BK117 C-1 (Load Cell install version)
117-83644-203	Cargo Hook Cover	1	Apply to BK117 C-2

11. SPECIAL TOOLS REQUIRED

Not required.

12. REFERENCE TECHNICAL DATA

KAWASAKI BK117 MAINTENANCE MANUAL (excluding Model BK117 C-1 and Model BK117 C-2)

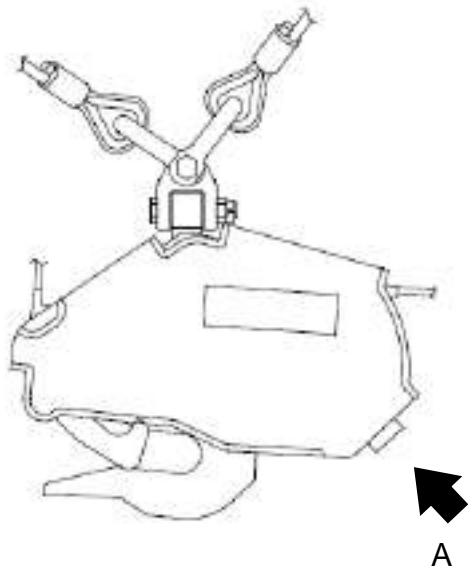
KAWASAKI BK117C MAINTENANCE MANUAL (Model BK117 C-1)

KAWASAKI BK117C-2 AIRCRAFT MAINTENANCE MANUAL (AMM)

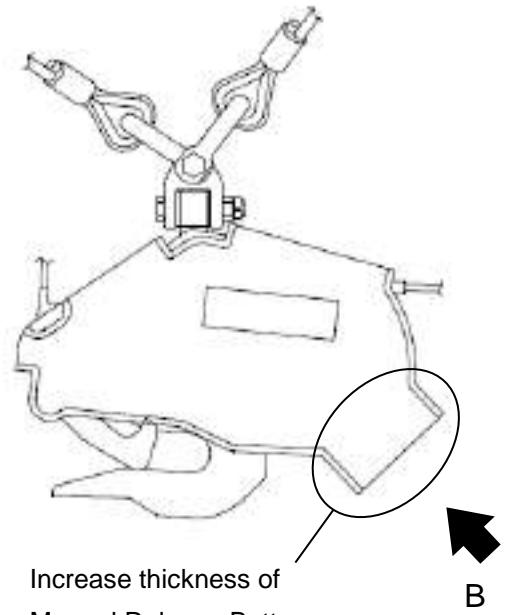
13. AVAILABILITY OF KIT

Information on availability of the parts and materials required for the accomplishment of this Service Bulletin is provided on request by the KHI civil helicopter product support section.

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Conventional Cover



Improved Cover



VIEW A



VIEW B

Figure 1 Outline of Improvement of Cargo Hook Cover
(Indicates BK117 C-2, Same as before BK117 C-1)