

KOKU-KU-KI-558

No. TCD-8098-2012

Date of Issue: August 28, 2012

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory.

1. Applies to: Kawasaki BK117, BK117A-3, BK117A-4, BK117B-1, BK117B-2, BK117C-1 helicopters.

2. Compliance is required as indicated, unless already accomplished.

To comply with Airworthiness Limitation Section of the Instruction for Continued Airworthiness, accomplish the following.

2.1 Before next flight after the effective date of this AD, check the historical record of the cartridge of fire extinguishing bottle of power plant, the pressure bottle of emergency float system, the cable cutter cartridge of rescue winch system and the gimbals assembly of searchlight to determine if the requirements of KAWASAKI BK117 MAINTENANCE MANUAL APPROVED PAGES Rev.26 or KAWASAKI BK117C MAINTENANCE MANUAL APPROVED PAGES Rev.14 as applicable and later JCAB approved revisions (hereinafter referred to as ALS) are satisfied.

2.2 If, as a result of the check required by paragraph 2.1 of this AD, the requirements of ALS are not satisfied, before next flight, do all applicable corrective actions in accordance with ALS.

2.3 Before next flight after the effective date of this AD, revise the approved maintenance program to incorporate the contents of ALS. This may be accomplished by inserting the copy of applicable Attachment of this AD into the approved maintenance program.

2.4 An alternative means of compliance with this AD may be used, if approved by the Director-General of JCAB.

3. Remarks

3.1 This AD becomes effective on August 28, 2012.

3.2 KAWASAKI BK117 MAINTENANCE MANUAL APPROVED PAGES  
Rev.26 dated August 27, 2012, KAWASAKI BK117C MAINTENANCE  
MANUAL APPROVED PAGES Rev.14 dated August 27, 2012 and later  
JCAB approved revisions pertain to this subject.

This is the English translation. In case of any difficulty, refer to the Japanese original text.

## •KAWASAKI BK117 MAINTENANCE MANUAL

AIRWORTHINESS LIMITATION

PART	PART NUMBER	RETIREMENT	
		FLIGH HOURS	NUMBER OF

POWER PLANT		
Cartridge of Fire Extinguishing Bottle	13083-5	9 years after date of manufacture or 6 years after date of installation.

EMERGENCY FLOAT SYSTEM		
Pressure Bottle	D17908-1	15 years after date of manufacture
Pressure Bottle (for 3.2/3.35 ton)	D37044-1	15 years after date of manufacture

RESCUE WINCH SYSTEM		
Cable Cutter Cartridge (for cable length 45 m)	2F-01373	5 years after date of manufacture
Cable Cutter Cartridge (for cable length 90 m (117-85100-101))	42315-281	5 years after date of manufacture
Cable Cutter Cartridge (for cable length 90 m (117-85100-201))	FMR121C09612-2	5 years after date of manufacture or 2.5 years after date of opening stock

SEARCHLIGHT		
Gimbals Assembly	019059-4	7 years after date of installation

## •KAWASAKI BK117 C MAINTENANCE MANUAL

AIRWORTHINESS LIMITATION

PART	PART NUMBER	RETIREMENT	
		FLIGH HOURS	NUMBER OF

<b>POWER PLANT</b>			
Cartridge of Fire Extinguishing Bottle	30903894	15 years after date of manufacture or	
	30903896	10 years after date of installation,	

<b>EMERGENCY FLOAT SYSTEM</b>			
Pressure Bottle	D37044-1	15 years after date of manufacture	

<b>RESCUE WINCH SYSTEM</b>			
Cable Cutter Cartridge (for cable length 45 m)	2F-01373	5 years after date of manufacture	
Cable Cutter Cartridge (for cable length 90 m (117-85100-101))	42315-281	5 years after date of manufacture	
Cable Cutter Cartridge (for cable length 90 m (117-85100-201))	FMR121C09612-2	5 years after date of manufacture or 2.5 years after date of opening stock	

<b>SEARCHLIGHT</b>			
Gimbals Assembly	019059-4	7 years after date of installation	