

TECHNICAL BULLETIN
Bell Helicopter **TEXTRON**
A Subsidiary of Textron Inc.

NO 407-00-26

DATE 08-18-00

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DATE
REV.

MODELS AFFECTED: 407

SUBJECT: **EMERGENCY LIGHTWEIGHT FLOAT KIT,
INSPECTION AND OVERHAUL SCHEDULE,
MODIFICATION OF.**

HELICOPTERS AFFECTED: All 407 model helicopters equipped with
emergency float kit 407-706-008-101

COMPLIANCE: Effective upon receipt of this bulletin

DESCRIPTION:

The result of the manufacturer recommendation and BHT Engineering evaluation, is that the operational check of the flotation system and overhaul intervals of the solenoid valve be increased.

Part I of this bulletin gives a new inspection schedule for the operational check of the flotation system.

Part II of this bulletin gives the overhaul interval and instructions for the solenoid valve 206-373-901-103.

APPROVAL:

Not required.

MANPOWER:

Not required.

7851 60540

MATERIAL:

Refer to BHT-407-MMS-1

SPECIAL TOOLS:

Refer to BHT-407-MMS-1

WEIGHT AND BALANCE:

Not required.

ELECTRICAL LOAD DATA:

Not required.

REFERENCES:

BHT-407-II-1, Installation Instructions for Emergency Floats.

BHT-407-MMS-1, Lightweight Emergency Flotation System Operation and Maintenance.

PUBLICATIONS AFFECTED:

BHT-407-MMS-1, Lightweight Emergency Flotation System Operation and Maintenance.

Chapter 5.

ACCOMPLISHMENT INSTRUCTIONS:

PART I: Operational Check

The requirements of the test of the complete flotation system when you use the aircraft nitrogen supply as in a READY-FOR-FLIGHT CONFIGURATION, is now increased from to 2 years to **3 years**, concurrent with the reservoir periodic hydrostatic test.

EVERY 3 CALENDAR YEARS, proceed as follows:

Do the inspection tasks as given in BHT-407-MMS-1 Chapter 5 for EMERGENCY FLOATS and FLOAT PNEUMATIC SYSTEM.

PART II: Maintenance Instructions

The overhaul interval for the valve 206-373-901-103 is required at every **6 years** of service, concurrent with the second reservoir periodic hydrostatic test. The service life starts at the first installation date on the aircraft and runs uninterrupted thereafter.

AFTER 6 YEARS OF SERVICE, proceed as follows (BHT-407-MMS-1):

1. Remove the reservoir assembly from the aircraft, Paragraph 32-28.
2. Disassemble the reservoir, Paragraph 32-29.
3. Send the valve to Bell Helicopter Customer Property Return (CPR) Administration for overhaul. Use the address that follows:

Bell Helicopter Logistic Center
Customer Property Return (CPR) Administration
3000 South Norwood,
Hurst, TX, 7605, USA

- NOTE -

These valves cannot be disassembled in the field.
Repair and overhaul is not approved in the field.

4. Assemble reservoir, Paragraph 32-33.
5. Install reservoir assembly on aircraft, Paragraph 32-34.