



A Textron Company

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ALERT SERVICE BULLETIN

UH-1H-13-10
21 October 2013

MODEL AFFECTED: UH-1H

SUBJECT: ASSIGNMENT OF A 1,000 HOUR RETIREMENT LIFE FOR TAIL ROTOR BLADE ASSEMBLY P/N 204-011-702-121 ON THE UH-1H HELICOPTER

HELICOPTERS AFFECTED: UH-1H helicopters which are non-type certificated and owned and operated by other than an Armed Service of the United States with Tail Rotor Blade Assembly P/N 204-011-702-121 installed.

COMPLIANCE: Within the next 50 flight hours but not later than 6 months after receipt of this ASB.

DESCRIPTION:

Review of UH-1H fatigue and flight spectrum data has determined a retirement life of 1,000 hours is necessary for P/N 204-011-702-121 tail rotor blade assemblies installed on the UH-1H helicopter as described in the **HELICOPTERS AFFECTED** block above. Use of P/N 204-011-702-121 tail rotor blade assembly is authorized under the conditions and instructions contained in Special Use (SU) Technical Bulletin (TB) SU-94-2.

Revision B to Special Use (SU) Technical Bulletin SU-94-2 addresses the 1,000 hour retirement life reflected in the **ACCOMPLISHMENT INSTRUCTIONS** of this bulletin.

Applicability of this bulletin to any spare part shall be determined prior to its installation on an affected aircraft.

APPROVAL:

Bell Helicopter does not authorize use of this bulletin to obtain approval from any civil regulatory authority for installation of the P/N 204-011-702-121 Tail Rotor Blade on any type certificated UH-1 helicopter.

The engineering design aspects of this bulletin are Bell Helicopter Engineering approved.

CONTACT INFO:

For any questions regarding this bulletin, please contact:

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MANPOWER:

Approximately 2.0 man-hours are required to complete this bulletin. This estimate is based on hands-on time, and may vary with personnel and facilities available.

WARRANTY:

There is no warranty credit applicable for parts or labor associated with this bulletin.

MATERIAL:

Refer to Accomplishment Instructions.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

TM 55-1520-210-23-1 AVUM & AVIM Maintenance Instructions
TM 55-1520-210-23P-1 AVUM & AVIM Repair Parts and Special Tools List
WR 55-1560-200 Depot and Major Repair Work Requirement
Technical Bulletin SU-94-2, Rev B

PUBLICATIONS AFFECTED:

ACCOMPLISHMENT INSTRUCTIONS:

1. P/N 204-011-702-121 Tail Rotor Blade has a retirement life of 1,000 flight hours when installed on the UH-1H helicopter.
 - a. Review helicopter and tail rotor hub and blade assembly records to determine if P/N 204-011-702-121 tail rotor blades are installed.
 - b. If P/N 204-011-702-121 tail rotor blades **are not installed**, no further action is required. Proceed to step 3.
 - c. If P/N 204-011-702-121 tail rotor blades **are installed**, proceed to step 2 of this ASB.
2. Review all pertinent helicopter/component records for each P/N 204-011-702-121 tail rotor blade to determine the retirement life being tracked.
 - a. If 1,000 hours is being tracked as the retirement life for the P/N 204-011-702-121 tail rotor blade no further action is required. Proceed to step 3.
 - b. If a retirement life **in excess of** 1,000 hours is being tracked for the P/N 204-011-702-121 tail rotor blade, determine the current total time of each affected blade.
 - 1) P/N 204-011-702-121 tail rotor blades with a current total time in excess of 1,000 hours must be removed from service within the next 50 flight hours but not later than six months following receipt of this ASB. Once removed, these blades are non-airworthy.
 - a) If replacement P/N 204-011-702-121 tail rotor blades are to be installed, refer to TB SU-94-2, Revision B, for helicopter eligibility, parts required, and installation instructions.
 - b) If replacement P/N 204-011-702-015 tail rotor blades are to be installed, refer to TM 55-1520-210-23P-1 for parts required and TM 55-1520-210-23-1 for installation instructions.
 - 2) P/N 204-011-702-121 tail rotor blades with a current total time less than 1,000 hours may be retained in service until reaching 1,000 hours total time.
 - a) Revise all affected blade historical record cards (HRC) to show 1,000 hours retirement.

- b) Refer to TB SU-94-2, Revision B, for installation, maintenance, and repair information.
3. Make an entry in helicopter historical service records indicating compliance with this Alert Service Bulletin.