



A Textron Company

Distribution A: Approved for Public Release IAW DOD Letter 14-S-0125

TECHNICAL BULLETIN

SU-94-2

23 May 1994

Revision B, 21 October 2013

MODEL AFFECTED: UH-1H

SUBJECT: ALTERNATE SPARE PART; TAIL ROTOR BLADE ASSEMBLY P/N 204-011-702-121

HELICOPTERS AFFECTED: UH-1H helicopters which are non-type certificated and owned and operated by other than an Armed Service of the United States.

COMPLIANCE: At customer's option, use Tail Rotor Blade P/N 204-011-702-121 as an alternate spare part in lieu of Tail Rotor Blade P/N 204-011-702-015.

DESCRIPTION:

Revision B supersedes and replaces all previous issues of Special Use (SU) Technical Bulletin (TB) SU-94-2.

This Special Use Technical Bulletin provides authorization to UH-1H helicopter operators, as described in the **HELICOPTERS AFFECTED** block above, who wish to use tail rotor Blade Assembly P/N 204-011-702-121 as an alternate spare part in lieu of tail rotor Blade Assembly P/N 204-011-702-015. The 204-011-702-121 Blade is currently used on the 204B helicopter. The -121 Blade is painted gloss white with three bands of gloss black, whereas the -015 Blade is painted lusterless olive drab.

The assigned retirement life for the P/N 204-011-702-121 Tail Rotor Blade Assembly when installed on the UH-1H is 1,000 hours.

Revision B to this Technical Bulletin restates the 1,000 hour retirement life and revises installation and maintenance requirements, both of which were removed in Revision A.

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:

Bell Helicopter Product Support Engineering - Medium Military Helicopters
Tel: 817-280-3548 / mts-medium@bh.com

MANPOWER:

Approximately 6.0 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:

Required Material:

The following material is required for the accomplishment of this bulletin and may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number*</u>	<u>Nomenclature</u>	<u>Qty</u>
204-011-702-121	Blade Assembly	AR
NAS6607-40	Bolt	AR
NAS6607-44	Bolt	AR
NAS6607-48	Bolt	AR

* Material listed may not be required in all instances. Refer to Accomplishment Instructions.

SPECIAL TOOLS:

Refer to BHT-204B-M&O as necessary.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-204B-M&O Maintenance and Overhaul Instructions
BHT-204B-IBP Illustrated Parts Breakdown
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
ASB UH-1H-13-10

PUBLICATIONS AFFECTED:

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

ACCOMPLISHMENT INSTRUCTIONS:

1. Install the P/N 204-011-702-121 Tail Rotor Blade per BHT-204B-M&O. Note that when the -121 blade is installed with the P/N 204-011-801-121 Hub Assembly, use P/N NAS6607-40, NAS6607-44, and/or NAS6607-48 Bolts in lieu of AN177-35A through -40A Bolts to accommodate combinations of washers required to balance hub and blade assembly
2. P/N 204-011-702-121 Tail Rotor Blade has a retirement life of 1,000 hours when installed on the UH-1H Helicopter. As required, make an appropriate change to the blade historical record card (HRC) to show the 1,000 hour retirement life.
3. Revise tail rotor hub and blade assembly historical records to show installation of the 204-011-702-121 Tail Rotor Blade and its retirement life.
4. Make an entry in helicopter historical service records indicating compliance with this Technical Bulletin.
5. Refer to BHT-204B-M&O for damage/repair limits and repair procedures for P/N 204-011-702-121 Blade Assembly. Damage limits and repair procedures noted in TM 55-1520-210-23-1 and WR 55-1560-200 apply only to P/N 204-011-702-015.