



A Textron Company

ALERT SERVICE BULLETIN

UH-1H-21-21

PSL # 764

7 July 2021

Revision A, 22 July 2021

MODEL AFFECTED: UH-1H

SUBJECT: MAIN ROTOR HUB STRAP PIN 204-012-104-005,
REMOVAL FROM SERVICE

HELICOPTERS AFFECTED: ALL UH-1H Series Helicopters

COMPONENTS AFFECTED: All Strap Pins part number 204-012-104-005 with
serial number prefix FNFS.

COMPLIANCE: Before next flight.

DESCRIPTION:

Bell has determined that some main rotor hub strap pins P/N 204-012-104-005 may have not been manufactured in accordance with the engineering requirements and may shear as a result of the non-conformance.

Although the investigation remains in progress, this ASB mandates that the suspected strap pins with serial number prefix "FNFS" be immediately removed from service and sent to Bell.

Revision A of this bulletin includes an updated warranty statement and additional accomplishment instructions for the disposition of the affected strap pins.

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

APPROVAL:

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

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Approved for public release.

CONTACT INFO:

For any questions regarding this bulletin, please contact:

Bell Product Support Engineering
Tel: 1-817-280-3548 / mts-medium@bellflight.com

MANPOWER:

Approximately 1 man-hour is required to verify records or approximately 20 hours to replace the affected pins in the main rotor hub. This estimate is based on hands-on time and may vary with personnel and facilities available.

WARRANTY:

Owners / Operators of Bell Helicopters who comply with the instructions in this bulletin will be eligible to receive non prorated replacement part as applicable, listed in the MATERIAL section of the bulletin.

The mybell.com portal allocates specific warranty entitlement for an aircraft by serial number.

The Product Service Letter (PSL) number which will be listed below the bulletin number on the introduction page, will be a required field when submitting a claim on the Bulletins Tab for replacement parts, labor, and/or freight. If you receive an ASB or TB that does not have a PSL number, then there is no warranty entitlement for that bulletin.

Labor entitlement: \$1900.00 if affected Pin(s) are installed on the helicopter and require replacement

To receive parts and labor to be covered under warranty:

- Submit a bulletin claim using the PSL number identified above for the affected Pin(s) and attach the historical record(s) to the claim for review.
- Comply with the instructions contained in this Bulletin no later than the applicable date in the “compliance section”.
- If there is a PSL number identified in the bulletin you will be required to enter this PSL number which will validate warranty entitlement for the selected aircraft. Please ensure that you use the Bulletin tab when you file your claim.
- With each bulletin claim, a Return Material Authorization (RMA) will be provided to return the affected pin as directed on the RMA to Bell – Fort Worth, TX, USA. If the affected pin is not returned timely, within thirty (30) days of replacement shipment, a debit will be charged at the standard list price. If the affected pin is received after the said thirty (30) days, a 15% administration fee will be charged.

NOTE: Customers who fail to comply with the instructions in this Bulletin before the 20 August 2021 will **not** be eligible for the special warranty as noted above with no exceptions.

MATERIAL:

Required Material:

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

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty (Note)</u>
204-012-104-005	Strap Pin	A/R (1)

NOTE 1: Quantity four pins may be required depending on the results of the ASB.

Consumable Material:

Refer to TM 55-1520-210-23-1 Maintenance Manual Chapter 5 for the material required to accomplish this bulletin.

SPECIAL TOOLS:

Refer to TM 55-1520-210-23-1 Maintenance Manual, Chapter 5.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

TM 55-1520-210-23P Illustrated Parts Breakdown, Chapter 5
TM 55-1520-210-23-1 Maintenance Manual, Chapter 5
DMWR 55-1560-196 Depot Maintenance Work Requirement

PUBLICATIONS AFFECTED:

None affected.

ACCOMPLISHMENT INSTRUCTIONS:

1. Review the helicopter and component historical service records for applicability of this bulletin. If in doubt, disassemble the main rotor hub assembly for strap pins serial number verification (TM 55-1520-210-23-1, Chapter 5).
2. Review spare stock of all pins part number 204-012-104-005 for applicability of this bulletin.
3. Strap pins with the FNFS serial number prefix installed on a helicopter or in a main rotor hub must be removed from service before next flight. All removed and spares stock strap pins with serial number prefix FNFS must be returned to Bell as instructed in the Warranty section of this bulletin.
4. Inspect removed pins for deformation. If a pin is deformed, the mating strap fitting (p/n 212-010-103-ALL or 204-012-103-ALL) is to be scrapped.

-NOTE-

A deformed pin would have been very difficult to remove from the strap fitting. If in doubt, use a surface plate and check that the machined surfaces are true to the pin O.D. to within 0.002 inch. Do not misinterpret worn cadmium plating as deformation

5. Assemble the M/R hub with serviceable strap pins and fittings, if applicable (TM 1-1520-210-23-1, Chapter 5). The requirement to NDT strap fittings when replacing a strap pin is not required as part of this ASB.
6. Report findings of deformed pins and provide removed (FNFS-prefixed) pin serial numbers to Military Technical Support Engineering at MTS-Medium@bellflight.com. Ensure the following information is in the subject of the email:

ASB Number / Pin 204-012-104-005 / Operator Name

7. Make an entry in the helicopter logbook and historical service records indicating findings and compliance with this Alert Service Bulletin.