



MAIN ROTOR BLADE 204P2100-101 to 204P2100-103 ALTERATION

SUMMARY:

This Notice details the process by which HTC can take a fielded 204P2100-101 Main Rotor Blade and alter it into a 204P2100-103 by removing the existing wear plate and grip and replacing it with the single piece Titanium grip.

PURPOSE:

The -101 blade has an Airworthiness Directive (AD) to inspect for delamination of the wear plate. By upgrading the -101 to -103 the AD is no longer applicable.

REVISION:

No Change

PART NUMBERS AND SERIAL NUMBERS AFFECTED:

204P2100-101, All Serial Numbers

HELICOPTER MODELS AFFECTED:

UH-1H Models: JJASPP Engineering Services (R00004RC), Tamarack Helicopters (R00010SE), OAS Parts LLC (H7SO), Rotorcraft Dev. Corp. (H13WE), Southwest Florida Aviation (H6SO), Global Helicopter Technology (R00002RC), Hagglund Helicopters (H15NM), Arrow Falcon Exporters (R00007DE), Richard's Heavylift Helo Inc. (H3SO), Northwest Rotorcraft (R00005SE)

UH-1B Models with STC SR00026DE Installed: Rotorcraft Dev. Corp. (H3NM), Rotorcraft Dev. Corp. (H13WE), San Joaquin Helicopters (H1RM), International Helicopters (H5SO), Richards Heavylift Helo, Inc. (H3SO), OAS Parts LLC (H7SO)

TH-1F Models: Rotorcraft Dev. Corp. (H12NM), Tamarack Helicopters (H7NE), Robinson Air Crane, Inc. (R00008AT)

UH-1F Models: Rotorcraft Dev. Corp. (H12NM), Tamarack Helicopters (H7NE), Robinson Air Crane, Inc. (R00008AT), AST, Inc (H11SW), California Department of Forestry (H2NM)

UH-1P Models: Rotorcraft Dev. Corp. (H12NM), Robinson Air Crane, Inc. (R00008AT)

204B Model: Bell Helicopter Textron, Inc. (H1SW)

205A Model: Bell Helicopter Textron, Inc. (H1SW)

205A-1 Model: Bell Helicopter Textron, Inc. (H1SW)

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REFERENCES:

- 1) Maintenance Manual HTCM-006, Main Rotor Blade (Installation and Maintenance), Revision D, dated January 03, 2020 or later FAA accepted revisions.
- 2) FAA Airworthiness Directives (AD) 2018-02-07 and 2018-02-08, dated February 1, 2018.
- 3) Technical Manual – Aviation and Intermediate Maintenance Instructions Army Model UH-1H/V/EH-1H/X (TM 55-1520-210-23-1), Headquarters, Department of the Army, Washington, D.C., Change 47, dated 20 September 2005, or later approved revision.
- 4) Technical Manual – Preventative Maintenance Daily Inspection Checklist (TM 55-1520-210-PMD), Headquarters, Department of the Army, Washington, D.C.
- 5) Technical Manual – Phased Maintenance Checklist (TM 55-1520-210-PM), Headquarters, Department of the Army, Washington, D.C.
- 6) Federal Aviation Administration (FAA) Supplemental Type Certificate (STC) Number SR00026DE, Rotorcraft Development Corp., Corvallis, Montana, dated 06 September 2012, or later approved revision.
- 7) Helicopter Maintenance Manual Supplement No. 1 to Army Model UH-1B Helicopter (Restricted Category), San Joaquin Helicopters, Delano, California.
- 8) Technical Manual – Organizational Maintenance USAF Models TH-1F, UH-1F, and UH-1P Helicopters - T.O. 1H-1(U)F-2-1, Secretary of the Air Force, Washington, D.C., Change 14, dated 28 April 1988, or later approved revision.
- 9) Technical Manual – Scheduled Inspection and Maintenance Requirements USAF Series TH-1F, UH-1F, and UH-1P Helicopters - T.O. 1H-1(U)F-2-6, Secretary of the Air Force, Washington, D.C., Change 16, dated 16 February 1988, or later approved revision.
- 10) Maintenance and Overhaul Instructions – Bell Model 204B – BHT-204B-M&O-1, Bell Helicopter, a Textron Company, Fort Worth, Texas, Revision 10, dated 24 June 2011, or later approved revision.
- 11) Maintenance Manual – Bell Model 205A-1 – BHT-205A1-MM-1, Bell Helicopter, a Textron Company, Fort Worth, Texas, Revision 7, dated 08 July 2013, or later approved revision.
- 12) Rework Drawing, RWK-204-2120, Revision N/C, or later FAA approved revisions.
- 13) Standard Repair Instructions Manual, HTCQ-014.

REQUIRED STEPS:

- 1) Alteration of a 204P2100-101 blade into a 204P2100-103 is accomplished by following rework drawing RWK-204-2100 and referencing HTCQ-014.

RECORDING AND COMPLIANCE:

Record alteration of the blade on the historical component record and Re-ID P/N from 204P2100-101 to 204P2100-103.

POINTS OF CONTACT:

For further information and rotor blade disposition, contact Helicopter Technology Company, LLC (HTC) at (310) 523-2750, or FAX (310) 523-2745. www.helicoptertech.com

THIS SERVICE NOTICE IS FAA APPROVED