



A Textron Company

ALERT SERVICE BULLETIN

205-23-121

24 August 2023

MODEL AFFECTED: 205A/205A-1

SUBJECT: DRAG BRACE ASSEMBLY 204-011-140-001,
MAGNETIC PARTICLE INSPECTION, OF.

HELICOPTERS AFFECTED: Serial numbers 30001 through 30065, 30067
through 30165, 30167 through 30187, 30189
through 30296 and 30298 through 30332.

COMPLIANCE: No later than 1200 flight hours or 24 months after the
release date of this bulletin and every 1200 flight hours
/ 24 months thereafter.

DESCRIPTION:

Following the review of the 204-011-140 drag brace assembly service history, Bell released the Alert Service Bulletins (ASB) 205B-90-2 and 212-90-59 mandating the accomplishment of a recurring Magnetic Particle Inspection (MPI) on the 204-011-140-001, -003 and -005 drag brace assemblies. Those ASB's also provided instructions to assemble the drag brace assembly with corrosion preventive compound to improve the corrosion protection. This ASB mandates the accomplishment of a recurring MPI of the 204-011-140-001 drag brace assembly when used on the 205A/205A-1 helicopter. This drag brace assembly MPI and Corrosion Preventive Compound (CPC) requirement will be added to the existing BHT-205A1-MM, 1200 HOURS OR 24 MONTHS Special Inspections.

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 FAA approved for FAA certified helicopters as listed in the applicable Type Certificate Data Sheet. For non FAA certified helicopters, 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: 1-450-437-2862 / 1-800-363-8023 / productsupport@bellflight.com

MANPOWER:

Approximately 1.5 man-hours are required to complete this bulletin if accomplished in conjunction with the tension-torsion strap change. 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:**

None required.

Consumable Material:

Refer to the BHT-205A1-CR&O, Component & Overhaul Manual, Chapter 65.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-205A1-CR&O, Component & Overhaul Manual, Chapter 65.

PUBLICATIONS AFFECTED:

BHT-205A1-MM, Maintenance Manual, Chapter 5.

ACCOMPLISHMENT INSTRUCTIONS:

Magnetic Particle Inspection (MPI) of the drag brace assembly parts.

1. Prepare the helicopter for maintenance.
2. Remove and disassemble the drag brace assembly (BHT-205A1-CR&O, Chapter 65).
3. Perform Magnetic Particle Inspection (MPI) of the drag brace assembly detail parts (BHT-205A1-CR&O, Chapter 65).
4. Assemble and install drag brace assembly (BHT-205A1-CR&O, Chapter 65).
5. Make an entry in the helicopter logbook and historical service records indicating compliance with this Alert Service Bulletin.