



A Textron Company

ALERT SERVICE BULLETIN

205B-23-75

24 August 2023

MODEL AFFECTED: 205B

SUBJECT: DRAG BRACE ASSEMBLY 204-011-140-001 / -005, AIRWORTHINESS LIFE AND MAGNETIC PARTICLE INSPECTION (MPI), REQUIREMENTS.

HELICOPTERS AFFECTED: Serial numbers 30066, 30166, 30188, and 30297.

COMPLIANCE: Applicable to the MPI, within the next 1200 flight hours or 24 months and every 1200 flight hours or 24 months thereafter.

DESCRIPTION:

This Alert Service Bulletin (ASB) **SUPERSEDES** and replaces ASB 205B-90-2. The ASB 205B-90-2 was released to mandate an inspection of the 204-011-140-001 drag brace assembly for corrosion and mechanical damage, perform a Magnetic Particle Inspection (MPI), and assemble with corrosion preventive compound.

The 204-011-140-001 and -005 drag brace assemblies are both approved for installation on the model 205B helicopter. The 204-011-140-001 drag brace assembly has a 2400 flight hour airworthiness life limitation while the -005 is on-condition. At the time of ASB 205B-90-2 release, the 204-011-140-005 drag brace assembly was not useable on the 205B.

This bulletin informs owners/operators of the 204-011-140-001 drag brace assembly airworthiness life limitation and clarifies that the 1200 hours / 24 months inspection is applicable to both the -001 and the -005 drag brace assemblies.

The BHT-205B-MM Chapter 4 will be revised to show that the 204-011-140-001 drag brace assembly has an airworthiness life limitation of 2400 flight hours and that the -005 is on condition. The BHT-205B-MM Chapter 5 currently published contains the MPI Special Inspection requirements at 1200 hours / 24 months. The Special Inspection

does not specify any drag brace assembly dash number, therefore the inspection is required on all 204-011-140 drag brace assembly dash numbers.

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.

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:

There is no additional man-hours required to accomplish the 1200 hours / 24 months MPI when accomplished as part of the existing BHT-205B-MM, Chapter 5, 1200 Hours Special Inspection.

WARRANTY:

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

MATERIAL:

None required.

Consumable Material:

Refer to the BHT-212-CR&O, Chapter 62, Paragraph 62-23.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-205B-MM Maintenance Manual, Chapters 4 and 5.
BHT-212-CR&O Component Repair and Overhaul Manual, Chapter 62.

PUBLICATIONS AFFECTED:

BHT-205A-1-IPB Illustrated Parts Breakdown, Chapter 65.
BHT-205B-MM Maintenance Manual, Chapter 4.

ACCOMPLISHMENT INSTRUCTIONS:

1. For drag brace disassembly, magnetic particle inspection and assembly, refer to the BHT-212-CR&O, Chapter 62.
2. Make an entry in the helicopter logbook and historical service records indicating compliance with this Alert Service Bulletin.