

**TECHNICAL BULLETIN**  
**Bell Helicopter** **TEXTRON**

A Subsidiary of Textron Inc.

No. 204-03-48

Date 10-29-03

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DATE
REV

**MODEL AFFECTED:** 204B

**SUBJECT:** MAST ASSEMBLY P/N 204-040-366-015 (WITH BEARING P/N 212-040-136-001 INSTALLED) AND MAST ASSEMBLIES 204-040-366-017, -021, INCREASE IN TIME-BETWEEN- OVERHAUL (TBO).

**HELICOPTERS AFFECTED:** All model 204B helicopters utilizing subject mast assemblies.

**COMPLIANCE:** At Customer's Option

**DESCRIPTION:**

Bell Helicopter has re-evaluated the time-between-overhaul on mast assembly P/N 204-040-366-015 (with bearing P/N 212-040-136-001 installed) and mast assemblies 204-040-366-017 and -021.

Evaluation has revealed that an increase in time-between-overhaul from 1500 hours to 2500 hours is warranted.

**APPROVAL:**

The engineering design aspects of this bulletin are FAA/DER approved.

**MANPOWER:**

Not affected

**MATERIALS:**

Not required

**SPECIAL TOOLS:**

None required

**WEIGHT AND BALANCE:**

Not affected

**ELECTRICAL LOAD DATA:**

Not affected

**REFERENCES:**

Technical Bulletin TB 204-89-30.  
BHT-204B-M&O Maintenance & Overhaul Instructions

**PUBLICATIONS AFFECTED:**

BHT-204B-M&O Maintenance & Overhaul Instructions

**ACCOMPLISHMENT INSTRUCTIONS:**

1. Time-between-overhaul of the mast assembly P/N 204-040-366-015 (with bearing P/N 212-040-136-001 installed) and mast assemblies 204-040-366-017 and -021 has been increased to 2500 hours.
2. Annotate historical service records to indicate the revised TBO.
3. Annotate the BHT-204B-M&O, section 1 to reflect these changes.