

**ALERT SERVICE BULLETIN**

REVISION NOTICE

**Bell Helicopter** **TEXTRON**

A Subsidiary of Textron Inc.

DATE Nov 29, 2010

**TO: All Owners/Operators of Bell 222 and 222B Helicopters**

**SUBJECT: REVISION "D" TO ALERT SERVICE BULLETIN 222-O7-106:  
TAIL ROTOR BLADE ASSEMBLY, INSPECTION OF**

Revision "D" to this bulletin adds tail rotor blade serial numbers to the list affected by this ASB.

Tail rotor blades listed and inspected in accordance with previous revisions of this bulletin are not affected by this Revision "D".

AN APPROPRIATE ENTRY SHOULD BE MADE IN THE AIRCRAFT LOGBOOK UPON ACCOMPLISHMENT  
IF OWNERSHIP OF AIRCRAFT HAS CHANGED PLEASE FORWARD TO NEW OWNER

**ALERT SERVICE BULLETIN**  
**Bell Helicopter** **TEXTRON**

A Subsidiary of Textron Inc.

NO. 222-07-106

DATE SEP 11, 2007

PAGE 1

DATE Nov 29, 2010

REV D

**MODEL AFFECTED:** 222 and 222B

**SUBJECT:** TAIL ROTOR BLADE ASSEMBLY, INSPECTION OF

**HELICOPTERS AFFECTED:** All Model 222 and 222B helicopters

**COMPLIANCE:** Prior to first flight.

**DESCRIPTION:**

The purpose of this bulletin is to achieve complete distribution of the attached RBI letter to Bell Helicopter's current operator list.

Affected tail rotor blades that have been inspected/repared in accordance with this ASB shall have letter "L" vibro-etched immediately following the part number on the tail rotor blade ID tag and returned to service.

**APPROVAL:**

Not required.



**REVISION A November 10, 2010**

**Bell Product Support Engineering,**

**Rotor Blades Inc. has received a fourth blade in which one tip weight was lost in flight. This blade was balanced during the term of employment of the former RBI technician noted below. This occurrence has prompted RBI to recall all tail rotors balanced during former technician's term of employment.**

**The list attached includes additional blades RBI now considers suspect. We are asking Bell Product Support to re-issue affected ASB's calling for immediate inspection of affected blades.**

September 11, 2007

Mr. Jack Denham

Executive Director of Product Support  
Bell Helicopter Textron

Rotor Blades, Inc. (RBI) has received reports of three incidents in which weights were slung from tail rotor blades during flight and causing vibration. The failures reported occurred ranging from 400 flight hours since repair to as short as 12 minutes. We have determined that this may affect most bell models. To ensure safety and to expedite re-inspection required we advise and ask you distribute to fleet on a most urgent basis.

Investigation indicates that tip weight screws may be missing the adhesive applied during the weight and balance process on these blades. The blades in question were all processed by one former RBI technician.

RBI has initiated customer contact and inspection of blades to reduce customer impact. Additionally, we are working with our local FAA representative to ensure regulations are met. I ask Bell support and assistance to ensure DOT and OEM requirements are met for release.

RBI is capable of carrying out inspection to existing requirements. Balance weight screws must be accessed and verified for correct installation. This must be carried out by a Bell approved Rotor Blade Repair Facility.

BEFORE THE NEXT FLIGHT, ALL OPERATORS SHOULD INSPECT THEIR BLADES USING THE ATTACHED LIST TO DETERMINE WHETHER THEIR BLADES ARE AFFECTED. ALL AFFECTED BLADES SHOULD BE REMOVED FROM SERVICE IMMEDIATELY AND RETURNED TO AN RBI FACILITY FOR EXAMINATION AND REPAIR.

The list attached includes all blades RBI has determined re-inspection is required on.

Troy Penny  
Director of Operations  
Rotor Blades Inc.

Warranty Statement:

Owners / Operators of Bell Helicopters who comply with the instructions in this Bulletin will be eligible to return defective blades identified by serial number in the compliance section of this bulletin to your nearest RBI facility for inspection and repair at no cost. In order to process your request please contact your local RBI facility to make arrangements for the return of the blade or blade's using RBI's FedEx account #2546-92336.

Rotor Blades Inc.  
580 St Etienne Road  
Broussard, LA 70518  
Phone 337-839-2119  
Fax 337-839-2122

RBI Hawker Limited  
LIU FZS1 BD06/07, JAFZ (South)  
P.O. Box 16784  
Dubai, UAE  
Phone 971-4-886-0144  
Fax 971-4-886-0145

Rotor Blades Limited  
5B Crusader Park  
Bath Road  
Warmintser  
Wiltshire BA12 8SJ  
United Kingdom  
Phone 44-1985-847040  
Fax44-1985-846356

<u>Part Number</u>	<u>S/N</u>	<u>Part Number</u>	<u>S/N</u>
222-016-001-123	A-960	222-016-001-131	A-2064
	A-970		A-2065
	A-1337		A-2178
	A-1340		A-2200
	A-1371		
	A-1373	222-016-001-135	A-1633
	A-1375	222-016-001-139M	A-1523
	A-1382		A-1528
	A-1390		A-1538
	A-1398		A-1569
	A-1400		A-1585
	A-1402		A-1655
	A-1411		A-1760
	A-1419		A-1769
	A-1452		A-1781
A-1466	A-1788		
222-016-001-123M	A-1123		A-1801
	A-1126		A-1826
	A-1127		A-1838
	A-1130		A-1850
	A-1479		A-1853
	A-1488	A-1869	
222-016-001-127	A-1169	A-1874	
	A-1175	A-1875	
	A-1195	A-1876	
	A-1225	A-1881	
	A-1236	A-1885	
	A-1284	A-1891	
222-016-001-131		A-1894	
		A-1900	
	A-1621	A-1903	
	A-1652	A-1908	
	A-1660	A-1909	
	A-1766	A-1910	
	A-1785	A-1918	
	A-1806	A-1922	
	A-1816	A-1927	
	A-1820	A-1930	
	A-1842	A-1931	
	A-1849	A-1936	
	A-1856	A-1938	
	A-1860	A-1943	
	A-1883	A-1963	
	A-1884	A-1974	
	A-1892	A-1984	
	A-1893	A-1988	
	A-1899	A-1989	
	A-1912	A-1990	
	A-1914	A-2024	
	A-1919	A-2027	
	A-1921	A-2029	
	A-1985	A-2030	
	A-1995	A-2031	
	A-1996	A-2034	
	A-2011	A-2047	
	A-2020	A-2057	
	A-2042	A-2058	
	A-2052	A-2066	
A-2053	A-2067		
A-2059	A-2083		
A-2062	A-2169		

<u>Part Number</u>	<u>S/N</u>
222-016-001-139M	A-2170 A-2179 A-2185
222-016-001-141M	A-1582 A-1583 A-1634 A-1637

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222-016-001-123	A-1352 A-1384 A-1409 A-1477
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222-016-001-123M	A-1341 A-1365 A-1440
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222-016-001-127	A-1199 A-1221 A-1224 A-1226 A-1282
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222-016-001-131	A-1649 A-1650 A-1671 A-1676 A-1760 A-1872 A-1877 A-1878 A-1887 A-1959 A-2101 A-2163 A-2237
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222-016-001-135	A-1520 A-1554
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222-016-001-139	A-2102
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222-016-001-139M	A-1648 A-1794 A-1796 A-1902 A-1904 A-1960 A-1965 A-1967 A-1994 A-1997 A-2002 A-2019 A-2022 A-2162 A-2188 A-2192
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