

Bell Helicopter **TEXTRON**

A Subsidiary of Textron, Inc.

Oct 18, 2006

INFORMATION LETTER 407-06-90

TO: All Owners/Operators of Bell 407 Helicopters

SUBJECT: MAIN ROTOR BLADES 407-015-001-135 AND -137, INTRODUCTION OF.

This Information Letter introduces the new main rotor blades 407-015-001-135 (standard paint) and 407-015-001-137 (high visibility paint). The 407-015-001-135 and -137 are the current production blades installed on helicopters serial number 53640 and subsequent. The new main rotor blades offer an improved lighting strike protection and forward product balance pocket drainage. All previous dash numbers can be modified equivalent to the latest production configuration by Rotor Blades Inc. For more information contact:

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Except for the blades having the suffix FM1, all blades listed in the Table 1 can be mixed and matched on the M407. For more detail on mixing restrictions and for product balance adjustment procedures refer to the TB 407-04-55.

- Note -

All main rotor blades listed in the Table 1 can be modified equivalent to the latest configuration.

Table 1. Main rotor blade configuration

BLADE P/N	NOTES
407-015-001-107	1
407-015-001-107 FM1	1,3
407-015-001-107 FM2	1,4
407-015-001-109	2
407-015-001-109 FM1	2,3
407-015-001-109 FM2	2,4
407-015-001-111	1
407-015-001-111 FM1	1,3
407-015-001-117	2
407-015-001-117 FM1	2,3
407-015-001-127	1,5
407-015-001-129	2,5
407-015-001-135	1,6
407-015-001-137	2,6
407-015-001-135 FM	1,7
407-015-001-137 FM	2,7

Notes:

1. This blade has a standard paint scheme.
2. This blade has a high visibility paint scheme.
3. Blades having the suffix FM1 had the product balance pockets modified to allow weight adjustment in the field. They also had a drain hole made in the pockets covers to allow moisture evacuation. For product balance weights adjustment procedures refer to the TB 407-04-55.
4. Blades having the suffix FM2 have the same characteristics as the latest configuration -135 and -137. See Note 5 for detail.
5. This blade has the product balance pockets field adjustable. They also have a drain hole made in the pockets covers to allow moisture evacuation. For product balance weights adjustment procedures refer to the TB 407-04-55.
6. This blade is the latest production configuration that replaces all previous dash numbers. The product balance pockets are field adjustable and the drain hole for the upper pocket has been relocated in the spar to allow moisture to exit at the tip drain. The lightning strike protection has also been improved. For product balance weights adjustment procedures refer to the TB 407-04-55.
7. Blades -135 and -137 having the suffix FM are equivalent to the latest production blades -135 and -137. For product balance weights adjustment procedures refer to the TB 407-04-55.