

ALERT SERVICE BULLETIN



NO. 412-09-132
DATE Jan 5, 2009
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DATE
REV

MODEL AFFECTED: 412

SUBJECT: MAIN ROTOR PYLON MOUNT ASSEMBLY P/N 204-031-927-105, REMOVE FROM SERVICE

HELICOPTERS AFFECTED: Model 412 Helicopters serial number 33001 thru 33213, 34001 thru 34024 and 36001 thru 36061.

Model 412 helicopters, S/N 34025 and subsequent, 36062 thru 36086 will have the intent of this bulletin accomplished prior to delivery.

COMPLIANCE: Upon reaching 2500 flight hours or no later than March 31, 2009

Pylon mounts in excess of 2500 hours shall be removed within 300 hours of receipt of this bulletin, but no later than March 31, 2009.

DESCRIPTION:

This bulletin is issued to advise operator's of Bell Helicopter's continuing component evaluation program which has established a requirement to remove from service pylon mount assembly P/N 204-031-927-105. These mount assembly were superseded in 1992 with mount assembly P/N 204-031-927-107 per Technical Bulletin 412-092-111 due to their unacceptable sensitivity to the main rotor 1/rev.

APPROVAL:

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

MANPOWER:

Approximately 8.0 man-hours are required to complete this bulletin. Man-hours are based on hands-on time, and may vary with personnel and facilities available.

WARRANTY:

There is no warranty provided for this bulletin.

MATERIAL:

Required Material:

The following material is required for the accomplishment of this bulletin and may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>
204-031-927-107	Mount Assembly	4 *

*Quantity per aircraft

SPECIAL TOOLS:

RADS-AT Script file M412-50 v730 or greater. The file can be downloaded from the following web site: www.bellcustomer.com/files

Note: RADS-AT Script file M412-41 v730 will no longer be supported.

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

BHT-412-IPB Illustrated Parts Breakdown
BHT-412-MM Maintenance Manual
BHT-412-CR&O Component Repair and Overhaul Manual
Technical Bulletin 412-92-111

PUBLICATIONS AFFECTED:

BHT-412-IPB Illustrated Parts Breakdown

ACCOMPLISHMENT INSTRUCTIONS:

1. Remove pylon mounts P/N 204-031-927-105 from aircraft. (Refer to BHT-412-MM-6, Chapter 63).
2. Install pylon mounts P/N 204-031-927-107.
3. After re-assembly of all main rotor drivetrain components, the main rotor assembly shall be track and balance within acceptable limits per BHT-412-MM, chapter 18.
4. Make an entry in helicopter historical records indicating compliance with this Alert Service Bulletin.