

ALERT SERVICE BULLETIN
REVISION NOTICE

DATE Jan 6, 2009



A Textron Company

TO: All Owners/Operators of Bell 412 Helicopters

**SUBJECT: REVISION "A" TO ALERT SERVICE BULLETIN 412-07-126:
(FUEL CAPACITY DECAL REPLACEMENT)**

Revision "A" to this bulletin changes P/N and usable fuel capacity of decal P/N 412-899-227-137 with 1816 lbs to 412-899-227-139 with 1820 lbs, this will require replacement of decal. Also a correction to the wording on the decal illustration P/N 412-899-377-101 in this ASB from BASIC USABLE FUEL CAPACITY to USABLE FUEL CAPACITY to reflect actual decal wording.

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. 412- 07-126

DATE Nov 15, 2007

PAGE 1 of 6

DATE Jan 6, 2009

REV A

MODEL AFFECTED: 412, 412EP

SUBJECT: FUEL CAPACITY DECAL REPLACEMENT

HELICOPTERS AFFECTED: Model 412 helicopters and all model 412EP helicopters serial numbers 33108 through 33213 and 36001 through 36459.

412 and 412EP equipped with standard fuel system,

412EP equipped with 6 or 10 Self-sealing Fuel Cell System customizing P/N 412-899-175-101 or P/N 412-899-377-101.

412EP equipped with Nine Fuel Cells System customizing P/N 412-899-227-101 / -105.

[Model 412EP helicopters S/N 36460 thru subsequent will have the intent of this bulletin accomplished prior to delivery.]

COMPLIANCE: Within 300 flight hours after receipt of this bulletin but no later than 3 months from date of issue of this bulletin.

DESCRIPTION:

Bell Helicopter has been made aware of a discrepancy between the fuel capacity decal installed on the instrument panel and the aircraft fuel capacity. The fuel capacity decal currently installed on the aircraft indicates a fuel capacity lower than the actual aircraft fuel capacity. This bulletin provides instruction to replace the fuel capacity decal with one that matches the fuel tank configuration.

APPROVAL:

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

MANPOWER:

Approximately 1 man-hour is required to complete this bulletin. Man-hours are based on hands-on time, and may vary with personnel and facilities available.

WARRANTY:

Owners / Operators of Bell 412 Helicopters who comply with the instructions in this Bulletin will be eligible to receive the required decals free of charge from Bell Helicopter. In order to receive the appropriate decal please place the order through a Bell approved source making referencing this bulletin number. Do not order these parts through VISTA Warranty, contact your local spares administrator.

Note: In order to receive your no charge decals you must comply with the instructions contained in this Bulletin no later than the applicable hours or date listed in the “compliance section” of this ASB.

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>
412-075-015-107	Decal	1 per A/C
412-899-175-117	Decal	1 per A/C
412-899-227-139	Decal	1 per A/C A
412-899-377-119	Decal	1 per A/C

Consumable Material:

The following material is required to accomplish this bulletin, but may not require ordering, depending on the operator's consumable material stock levels. This material may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>	<u>Reference</u>
3950 Scotchcal	Edge Sealer	A/R	C-349
Commercial	Aliphatic Naphtha	A/R	C-305

SPECIAL TOOLS:

None required

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

BHT-412-IPB Illustrated Parts Breakdown
BHT-412-RNoAF-IPB Illustrated Parts Breakdown
BHT-412-FMS-25.2 & 25.3 & 25.4
BHT-412-FMS-29.2 & 29.3 & 29.4
BHT-412-FMS-63.2 & 63.3 & 63.4
BHT-412-FMS-65.2 & 65.3 & 65.4
BHT-RNoAF-FMS

PUBLICATIONS AFFECTED:

BHT-412-IPB

BHT-412-RNoAF-IPB

BHT-412-FM-2 & -3 & -4

BHT-412-MD-2 & -3 & -4

BHT-412-FMS-25.2 & 25.3 & 25.4

BHT-412-FMS-29.2 & 29.3 & 29.4

BHT-412-FMS-63.2 & 63.3 & 63.4

BHT-412-FMS-65.2 & 65.3 & 65.4

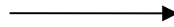
BHT-RNoAF-FMS

ACCOMPLISHMENT INSTRUCTIONS:

1. Remove existing decal (see pages 4 and 5) from instrument panel and thoroughly wipe surface with a clean cloth dampened with Aliphatic Naphtha (C-305) to receive the new decal.
2. Install new decal (see pages 4 and 5) by peeling back a portion of the protective liner from adhesive backing, align the decal in the correct position, then press the peeled section to the receiving surface with firm finger pressure. Continue to peel off the liner and apply finger pressure until the decal is securely applied.
3. Apply clear edge sealer (C-349) allowing 1/8 inch overlap on all sides of decal.
4. Make an entry in the helicopter historical record to show that this Alert Service Bulletin is completed.

Existing Decal P/N 412-075-015-103
for a/c with
Standard fuel system

**BASIC FUEL CAP
2148 LBS
WITH AUX FUEL KIT
412-706-007
3212 LBS
412-706-009
2389 LBS**



**New Replacement Decal P/N
412-075-015-107 for a/c with
Standard fuel system**

**BASIC USABLE
FUEL CAPACITY
2247 LBS
WITH AUX FUEL KIT
412-706-007
3358 LBS
412-706-009
2468 LBS
(JET A AT 15° C)**

**Existing Decal P/N 412-899-182-
125 for RNoAF a/c with Self Sealing
Fuel Cell System customizing p/n
412-899-175-101**

**BASIC FUEL CAP
2088 LBS
WITH AUX FUEL KIT
412-706-007
3150 LBS
412-706-009
2336 LBS**

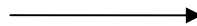


**New Replacement Decal P/N
412-899-175-117 for a/c with
Self Sealing Fuel Cell System
customizing p/n 412-899-175-101**

**BASIC USABLE
FUEL CAPACITY
2185 LBS
WITH AUX FUEL KIT
412-706-007
3295 LBS
412-706-009
2407 LBS
(JET A AT 15° C)**

Existing Decal P/N 412-075-015-103
for a/c with
Self Sealing Fuel Cell System
customizing p/n 412-899-175-101

**BASIC FUEL CAP
2148 LBS
WITH AUX FUEL KIT
412-706-007
3212 LBS
412-706-009
2389 LBS**



**New Replacement Decal P/N 412-
899-175-117 for a/c with
Self Sealing Fuel Cell System
customizing p/n 412-899-175-101**

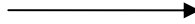
**BASIC USABLE
FUEL CAPACITY
2185 LBS
WITH AUX FUEL KIT
412-706-007
3295 LBS
412-706-009
2407 LBS
(JET A AT 15° C)**

Existing Decal P/N 412-899-227-137 for a/c with Performance Enhancement customizing p/n 412-899-227-101

**USABLE
FUEL CAP
1816 LBS**

(JET A AT 15° C)

**AUX FUEL KITS
NOT ALLOWED**



New Replacement Decal P/N 412-899-227-139 for a/c with Performance Enhancement customizing p/n 412-899-227-101

**USABLE
FUEL CAP
1820 LBS**

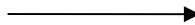
(JET A AT 15° C)

**AUX FUEL KITS
NOT ALLOWED**

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Existing Decal P/N 412-899 377 117 for a/c with Self Sealing Fuel Cell System customizing p/n 412-899-377-101

**BASIC FUEL CAP
2121 LBS
WITH AUX FUEL KIT
412-706-007
3236 LBS
412-706-009
2343 LBS**



New Replacement Decal P/N 412-899-377-119 for a/c with Self Sealing Fuel Cell System customizing p/n 412-899-377-101

**USABLE
FUEL CAPACITY
2158 LBS
WITH AUX FUEL KIT
412-706-007
3269 LBS
412-706-009
2379 LBS
(JET A AT 15° C)**

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