

ALERT SERVICE BULLETIN



A Textron Company

NO. 412-10-141

DATE Apr 28, 2010

PAGE 1 of 3

DATE
REV

MODEL AFFECTED: 412, 412EP

SUBJECT: LOW SKID GEAR FWD CROSSTUBES P/N 212-320-103

HELICOPTERS AFFECTED: All Model Bell 412/EP helicopters serial number 33001 through 33213, S/N 34001 through 34036 and S/N 36001 through 36534 and 36536.

COMPLIANCE: The attached Vendor Alert Service Bulletin AA-10012 must be carried out on all Low Gear Fwd Crosstube P/N 212-320-103 S/N AA-574 through AA-628 either installed in production or as a Bell direct replacement part.

DESCRIPTION:

The purpose of this bulletin is to carry out the intent of the attached Vendor bulletin AA-10012. It applies to all Low Gear Fwd Crosstubes P/N 212-320-103 S/N AA-574 through AA-628.

Aeronautical Accessories crosstube part number 212-320-103 is a Bell-approved replacement for Crosstube Assembly part number 205-050-400-055 and, 412-050-040-101.

APPROVAL:

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

MANPOWER:

Approximately 5.0 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:

Owners / Operators of Bell Helicopters who comply with the instructions in this Bulletin will be eligible to receive a credit for replacement crosstube part number 212-320-103 identified by serial number in the AAI Bulletin.

To receive this credit:

- Comply with the instructions contained in this Bulletin no later than the applicable hours in the “compliance section” of this ASB, or before **31st of July 2010**.
- Purchase replacement parts as required in the materials section of this bulletin from a Bell approved source.
- Submit an MMIR to the Bell Warranty Department.

Customers who fail to comply with the instructions in this Bulletin after the **31st of July 2010** are not eligible for the special warranty credit listed above. There is no labor associated with this bulletin.

MATERIAL:

See Vendor Bulletin AA-10012

SPECIAL TOOLS:

None required

WEIGHT AND BALANCE:

Not affected.

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

Aeronautical Accessories Alert Service Bulletin AA-10012 (Available from Aeronautical Accessories, Inc., P.O. Box 3689 Bristol, Tn., 37625-3689 USA, Phone 800-251-7094 or 423-538-8469)

BHT-412-IPB Illustrated Parts Breakdown
BHT-412-MM Maintenance Manual

PUBLICATIONS AFFECTED:

None affected

ACCOMPLISHMENT INSTRUCTIONS:

Accomplish instructions as per Vendor Bulletin AA-10012.



AERONAUTICAL ACCESSORIES, INC.

P.O. BOX 3689 BRISTOL, TENNESSEE 37625-3689 USA
TELEPHONE: 423-538-5151 TOLL FREE: 800-251-7094
TELEFAX: 423-538-8469 E-MAIL: sales@aero-access.com
techsupport@aero-access.com

ALERT SERVICE BULLETIN

ASB No. AA-10012

No Revision

March 5, 2010

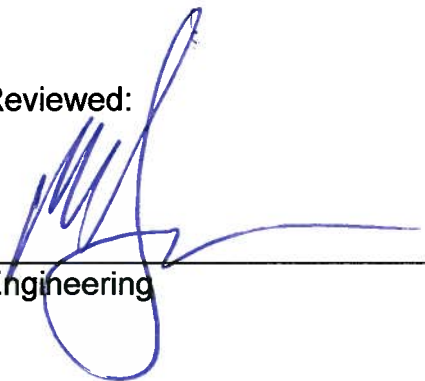
- SUBJECT:** Low Skid Landing Gear Forward Crosstubes
P/N 212-320-103
- HELICOPTERS AFFECTED:** Bell Helicopter Textron (BHT) Model 205A, 205A-1, 205B, 212, 412, 412EP and 412CF and Agusta S.p.A. model AB412, AB412EP helicopters with Aeronautical Accessories, Inc. P/N 212-320-103 Low Skid Landing Gear Forward Crosstubes S/N AA-574 thru AA-628 installed in accordance with STC SR00646AT.
- Rotorcraft Development Corporation, S.M. & T. Aircraft, Hagglund Helicopters, LLC, Southwest Florida Aviation International, Inc. model UH-1H and UH-1B helicopters with Aeronautical Accessories, Inc. P/N 212-320-103 Low Skid Landing Gear Forward Crosstubes S/N AA-574 thru AA-628 installed in accordance with STC SR01924AT.
- COMPLIANCE:** This bulletin shall be complied within the next 25 flight hours.
- DESCRIPTION:** This Alert Service Bulletin is being issued to advise the user community of a possible material defect of crosstubes sold as P/N 212-320-103 or included in Aeronautical Accessories, Inc. 412-320-500 and 412-320-502 Low Skid Gear Assembly Kits.
- MANPOWER:** Approximately 5.0 man-hours.

IF OWNERSHIP OF AIRCRAFT HAS CHANGED, PLEASE FORWARD THIS BULLETIN TO NEW OWNER

LOG OF REVISIONS

Date	Revision	Description	Affected Pages
3/05/2010	NR	Original Release	All

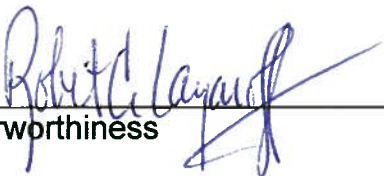
Reviewed:



Engineering

3-11-10

Date



Airworthiness

3-11-10

Date

205A, 205A-1, 205B,
212, 412, 412EP,
412CF, AB412,
AB412EP, UH-1H, UH-1B

**ALERT SERVICE BULLETIN
LOW SKID LANDING GEAR FORWARD CROSSTUBE**

ASB No. AA-10012
No Revision

MATERIAL:

AAI Supplied Materials

Qty	Part Number	Description
1	212-320-103	FWD Crosstube Assembly

Contact AAI Sales Department at 1-800-251-7094 for a replacement part after verifying installed crosstube falls between S/N AA-574 and S/N AA-628.

SPECIAL TOOLS:

None required.

WEIGHT AND BALANCE:

Not affected.

REFERENCES:

AA-01136, Instructions for Continued Airworthiness

PUBLICATIONS AFFECTED:

Not Affected

ACCOMPLISHMENT INSTRUCTIONS:

1. Locate Serial Number on P/N 212-320-103.
2. If S/N falls between AA-574 and AA-628, proceed to step 3. If S/N falls outside AA-574 thru AA-628, no further action is needed.

CAUTION

If within specified serial number range, P/N 212-230-103
SHALL be removed and replaced. No inspection or repair is
authorized.

3. Remove and replace P/N 212-320-103 per Instructions for Continued Airworthiness AA-01136.
4. Return removed P/N 212-320-103 to:
AERONAUTICAL ACCESSORIES, INC.
ATTN.: Quality Department
441 Industrial Park Rd.
Piney Flats, TN 37686
5. Annotate records to indicate accomplishment of this bulletin. Return aircraft to service.

Any questions regarding this bulletin should be addressed to:

AERONAUTICAL ACCESSORIES, INC.
CUSTOMER SUPPORT
1-800-251-7094
techsupport@aero-access.com