



REGISTRO  
AERONAUTICO  
ITALIANO

PRESCRIZIONE DI  
AERONAVIGABILITA'

Prescrizione  
93-116  
del 14.04.93

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**SOGGETTO-OGGETTO:**

Elicotteri Bell 212 e Agusta-Bell AB212. Giogo Rotore principale.

**RIFERIMENTI**

**- Documentazione della Ditta Costruttrice:**

Agusta SpA B.T. Obbligatorio 212-159 01.08.1990  
BHTI Alert S.B. 212-90-60 23.03.1990

**- Prescrizioni Esterne:**

FAA USA AD 93-05-01 Amdt. 39-8507 Eff. 19.04.1993

P.A. Ripetitiva SI

DATA DI ENTRATA IN VIGORE: 14 maggio 1993

**SCADENZA:**

Come indicato nella FAA AD a riferimento, a partire dalla data di entrata in vigore della presente PA, se non già eseguito.

**APPLICABILITA':**

Elicotteri Bell Helicopter Textron, Inc. 212 ed Agusta-Bell AB212.

**DESCRIZIONE:**

L'allegata FAA AD a riferimento costituisce Prescrizione di Aeroneavigabilità del RAI, con le scadenze riportate alla relativa voce della presente PA.

segue allegato a pag. 2.

**ENGLISH TRANSLATION**

In case of any difficulty, reference should be made to the Italian original text.

AIRWORTHINESS DIRECTIVE 93-116, issued 14 April 1993.

EFFECTIVE DATE: 14 May 1993.

**APPLICABILITY:**

- Bell Helicopter Textron Inc. model 212 helicopters.
- Agusta-Bell model 212 helicopters.

**COMPLIANCE:**

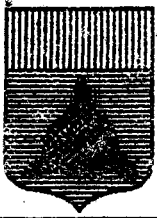
As set forth in the referenced FAA AD, starting from the effective date of this AD, unless accomplished previously.

**SUBJECT:**

Main rotor yokes, part number 204-011-102 (all dash numbers).

**REFERENCE:**

- FAA Airworthiness Directive 93-05-01, Amendment 39-8507.
- Bell Helicopter Textron Alert SB 212-90-60, dated 23 March 1990.
- Agusta SpA Bollettino Tecnico 212-159, dated 1 August 1990.



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DESCRIPTION:

Carry out the inspections called for by the referenced FAA AD, in accordance with the procedures therein specified, within the terms set forth under "COMPLIANCE" of this AD.

----- END -----

----- FINE -----

IL CERTIFICATO DI NAVIGABILITA' dell'aeromobile sulle cui strutture od impianti deve essere applicata la PRESCRIZIONE DI AERONAVIGABILITA' in oggetto, scade di validita' qualora essa non venga attuata nei termini prefissati.

La effettuazione della PRESCRIZIONE DI AERONAVIGABILITA' deve essere annotata - a cura dell'Esercente - sui libretti dell'aeromobile, del motore o dell'elica.



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**DESCRIPTION:**

Carry out the inspections called for by the referenced FAA AD, in accordance with the procedures therein specified, within the terms set forth under "COMPLIANCE" of this AD.

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END  
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The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

**93-05-01 BELL HELICOPTER TEXTRON, INC. (BHTI):** Amendment 39-8507. Docket Number 92-ASW-13.

**Applicability:** BHTI Model 212 helicopters, certificated in any category.

**Compliance:** Required as indicated, unless accomplished previously.

To prevent possible fatigue failure of the main rotor yoke assembly, accomplish the following:

(a) For main rotor hub assemblies with main rotor yokes, part number (P/N) 204-011-102 (all dash numbers), having 1,100 or more hours time in service since new or the last overhaul on the effective date of this AD, perform the following within the next 100 hours time in service, and thereafter at intervals not to exceed 1,200 hours time in service:

(1) Remove the main rotor yoke from the hub assembly. Visually inspect the pillow block bushing holes for corrosion and mechanical damage. Inspect the yoke for cracks using the magnetic particle method as specified in the BHTI component repair and overhaul manual.

(2) If cracks are found, or if corrosion or mechanical damage is present that cannot be removed within the rework limits of the BHTI component repair and overhaul manual, replace the main rotor yoke with an airworthy part.

(b) For main rotor hub assemblies with main rotor yokes, P/N 204-011-102 (all dash numbers), having less than 1,100 hours time in service since new or the last overhaul on the effective date of this AD, comply with paragraphs (a)(1) and (2) of this AD prior to attaining 1,200 hours time in service, and thereafter at intervals not to exceed 1,200 hours time in service from the last inspection.

(c) If no cracks are found and the yoke is airworthy, reinstall it in accordance with the BHTI component repair and overhaul manual.

(d) An alternative method of compliance or adjustment of the compliance time, which provides an acceptable level of safety, may be used when approved by the Manager, Rotorcraft Certification Office, ASW-170, FAA, 4400 Blue Mound Road, Fort Worth, Texas 76106. Operators shall submit their requests through an FAA Principal Maintenance Inspector, who may concur or comment and then send it to the Manager, Rotorcraft Certification Office.

**NOTE:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Manager, Rotorcraft Certification Office.

(e) The visual and magnetic particle inspection specified in BHTI, Alert Service Bulletin 212-90-60, Part III, dated March 23, 1990, is an equivalent means of compliance with this AD.

(f) Special flight permits may be issued in accordance with FAR 21.197 and 21.199 to operate the helicopter to a location where the requirements of this AD can be accomplished.

(g) This amendment becomes effective on April 19, 1993.

**FOR FURTHER INFORMATION CONTACT:**

Mr. Tom Henry, Aerospace Engineer, FAA, Rotorcraft Directorate, Rotorcraft Certification Office, ASW-170, Fort Worth, Texas 76193-0170, telephone (817) 624-5168, fax (817) 740-3394.

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