



**REGISTRO  
AERONAUTICO  
ITALIANO**

**PRESCRIZIONE DI  
AERONAVIGABILITA'**

**Prescrizione  
93-157  
del 20.05.93**

**Fag. 1 di 3**

**SOGGETTO-OGGETTO:**

Elicotteri Bell 204B, 205A, 205A-1, 205B, 212 e Agusta Bell AB204B, AB205A-1 e AB212. Mozzo R.P.

**P.A. Ripetitiva: SI**

**RIFERIMENTI**

**- Documentazione della Ditta Costruttrice:**

Agusta SpA B.T. Obbligatorio 204-105 Rev.A 07.01.1991  
Agusta SpA B.T. Obbligatorio. 205A1-99 Rev.A 07.01.1991  
Agusta SpA B.T. Obbligatorio. 212-163 Rev.A 07.01.1991  
BHTI Alert S.B. 204-90-27 Rev. A 11.10.1990  
BHTI Alert S.B. 205-90-38 Rev. A 11.10.1990  
BHTI Alert S.B. 212-90-62 Rev. A 11.10.1990

**- Prescrizioni Estere:**

FAA USA AD 92-23-01 Amdt. 39-8401

DATA DI ENTRATA IN VIGORE: 30 Giugno 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':**

Tutti gli elicotteri Bell Helicopter Textron, INC. 204B, 205A, 205A-1, 205B, 212 e Agusta-Bell AB204B, AB205A-1, e AB212.

**DESCRIZIONE:**

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

segue allegato

**English Translation**

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

Airworthiness Directive 93-157, issued 20 May 1993

EFFECTIVE DATE: 30 June 1993

**APPLICABILITY:**

All BHTI Model 204B, 205A, 205A-1, 205B, 212 helicopters and all Agusta-Bell AB204B, AB205A-1 and AB212 helicopters.

**COMPLIANCE:**

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

**SUBJECT:**

Main rotor pillow block attachment bolts.

**REFERENCE:**

- FAA Airworthiness Directive 92-23-01, Amendment 39-8401



**REGISTRO  
AERONAUTICO  
ITALIANO**

**PRESCRIZIONE DI  
AERONAVIGABILITA'**

**Prescrizione  
93-157  
del 20.05.93**

**Pag. 2 di 3**

- BHTI Alert S.B. 204-90-27, rev.A
- BHTI Alert S.B. 205-90-38, rev.A
- BHTI Alert S.B. 212-90-62, rev.A
- Agusta Mandatory B.T. 240-105, rev.A
- Agusta Mandatory B.T. 205A1-99, rev.A
- Agusta Mandatory B.T. 212-163, rev.A

**DESCRIPTION:**

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

**92-23-01 BELL HELICOPTER TEXTRON, INC. (BHTI); CALIFORNIA DEPARTMENT OF FORESTRY; GARLICK HELICOPTERS; HAWKINS AND POWERS AVIATION, INC.; INTERNATIONAL HELICOPTERS, INC.; PILOT PERSONNEL INTERNATIONAL, INC.; SOUTHERN AERO CORPORATION; AND SOUTHWEST FLORIDA AVIATION: Amendment 39-8401. Docket No. 90-ASW-42.**

**Applicability:** All BHTI Model 204B, 205A, 205A-1, 205B, and 212 helicopters, certificated in any category, and military Model UH-1B, UH-1F, and UH-1H helicopters, certificated in the restricted category.

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

To prevent separation of the main rotor pillow blocks from the hub assembly as a result of bolt cracking, which could result in loss of the main rotor and subsequent loss of control of the helicopter, accomplish the following:

(a) Within the next 300 hours time in service after the effective date of this AD; or at the next main rotor hub retention strap change; or at the next hub assembly overhaul; whichever occurs first, remove the four bolts, part number (P/N) 204-011-171-003, joining the two pillow blocks to the main rotor yoke assembly. Reinstall the pillow blocks using new (zero time) bolts, P/N 204-011-171-003; nuts, P/N EB080 or 42FLW-820; and washers, P/N 140-007-33S28-3 as follows:

(1) Coat the shank of the bolts with corrosion prevention compound, such as MIL-C-16173 Grade 1, and dry torque the bolts and nuts 65 to 79 foot-pounds. Retorque nuts within 15 to 30 hours time in service after the initial installation. If the torque has reduced below the minimum value of 65 foot-pounds, repeat the torque check at intervals of 15 to 30 hours time in service until the torque remains at or above 65-foot pounds or until the torque check has been accomplished four times. If during the fourth check the torque has reduced below 65 foot-pounds, remove and replace the bolts, washers, and nuts and repeat the torque check procedure of this paragraph.

(2) After initial installation or retorque, apply sealant, such as BHTI P/N 299-947-107 TYIII CL7, to the four bolt heads, washers, nuts and yoke mating surfaces to prevent moisture from entering the pillow block retention area.

(b) Thereafter, remove the bolts and associated hardware from the pillow block and replace with new bolts, washers, and nuts as described in paragraph (a) of this AD at each hub assembly overhaul, at each change of the main rotor hub retention strap, or whenever the bolts are removed for any reason.

**NOTE:** Bell Helicopter Textron, Inc., Alert Service Bulletins 204-90-27, Revision A; 205-90-38, Revision A; and 212-90-62, Revision A, all dated October 11, 1990, pertain to this AD. A copy of the service bulletins may be obtained from Bell Helicopter Textron, Inc., P.O. Box 482, Fort Worth, Texas 76101.

(c) Rework or repair of the bolts, P/N 204-011-171-003; nuts, P/N EB080 or 42FLW-820; and washers, P/N 140-007-33S28-3, is not authorized.

(d) An alternative method of compliance or adjustment of the compliance times, which provides an acceptable level of safety, may be used when approved by the Manager, Rotorcraft Certification Office, ASW-170, Federal Aviation Administration, Fort Worth, Texas 76193-0170. Operators shall submit their request through an FAA Principal Maintenance Inspector, who may concur or comment and then send it to the Manager, Rotorcraft Certification Office.



REGISTRO  
AERONAUTICO  
ITALIANO

PRESCRIZIONE DI  
AERONAVIGABILITA'

Prescrizione

93-157

del 20.05.93

Pag. 3 di 3

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) 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.

(f) This amendment becomes effective April 23, 1993.

FOR FURTHER INFORMATION CONTACT:

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

----- 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.