

Sektion 2. Utlandstillverkad flygmateriel

TITEL:	Kontroll av stjärtrotorblad för korrosion och delaminering.
GÄLLER:	Bell Helicopter Textron, Agusta Bell och Westland Ltd modeller 47B, 47B-3, 47D, 47D-1, 47G, 47G-2, 47G-2A, 47G-2A-1, 47G-3, 47G-3B, 47G-3B-1, 47G-3B-2, 47G-4, 47G-4A, 47G-5, 47G-5A, 47H-1, 47J, 47J-2, 47J-2A och 47-K med installerad rotorbladenhet P/N 047-642-117-105, S/N A-1943 t o m A-2068.
ÅTGÄRD:	Utför åtgärder angivna i bifogade kopior av FAA AD 96-06-12 och RAI AD 1996-131.
TID FÖR ÅTGÄRD:	Före daglig första flygning därefter i intervaller enligt bifogade kopior av FAA AD 96-06-12 och RAI AD 1996-131.
UNDERLAG:	Bell Helicopter Textron Alert Service Bulletin 47-96-21 daterad 29 januari, 1996 eller senare utgåva. Agusta Bell Bolletino Technico 47-142 daterad 15 maj, 1996 eller senare utgåva.
REFERENS:	FAA 96-06-12, RAI AD 1996-131
BESLUTSDATUM:	14 januari 2002
LFS	2002:16

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.
Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

Postadress	Gatuadress	Telefonnummer	Faxnummer	Telegram Civilair	Telex
601 79 NORRKÖPING	Vikobplan 11	011-19 20 00	011-19 25 75	Norrköping	62450



Airworthiness Directives

▼ Header Information

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39 [61 FR 24218 NO. 94 05/14/96]

Docket No. 96-SW-01-AD; Amendment 39-9616; AD 96-06-12

RIN 2120-AA64

Airworthiness Directives; Bell Helicopter Textron, Inc. Model 47B, 47B-3, 47D, 47D-1, 47G, 47G-2, 47G-2A, 47G-2A-1, 47G-3, 47G-3B, 47G-3B-1, 47G-3B-2, 47G-3B-2A, 47G-4, 47G-4A, 47G-5, 47G-5A, 47H-1, 47J, 47J-2, 47J-2A, and 47-K Helicopters

► Preamble Information

▼ Regulatory Information

96-06-12 BELL HELICOPTER TEXTRON, INC. : Amendment 39-9616. Docket No. 96-SW-01-AD.

Applicability: Model 47B, 47B-3, 47D, 47D-1, 47G, 47G-2, 47G-2A, 47G-2A-1, 47G-3, 47G-3B, 47G-3B-1, 47G-3B-2, 47G-3B-2A, 47G-4, 47G-4A, 47G-5, 47G-5A, 47H-1, 47J, 47J-2, 47J-2A, and 47-K helicopters, with tail rotor blade assembly, part number (P/N) 047-642-117-105, serial numbers (S/N) A-1943 through A-2068, installed, certificated in any category.

NOTE 1: This AD applies to each helicopter identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For helicopters that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must use the authority provided in paragraph (f) to request approval from the FAA. This approval may address either no action, if the current configuration eliminates the unsafe condition, or different actions necessary to address the unsafe condition described in this AD. Such a request should include an assessment of the effect of the changed configuration on the unsafe condition addressed by this AD. In no case does the presence of any modification, alteration, or repair remove any helicopter from the applicability of this AD.

Compliance: Required as indicated, unless accomplished previously.

To prevent premature delamination or separation of the tail rotor blade (blade) tip block or the abrasion strip, which could lead to failure of the blade and subsequent loss of control of the helicopter, accomplish the following:

(a) Prior to the first flight of each day, visually inspect each blade tip, abrasion strip, blade skin and blade butt as follows:

- (1) Inspect each blade tip for corrosion or delamination adjacent to the abrasion strip and tip block.
- (2) Inspect each abrasion strip for corrosion or delamination, paying particular attention to the abrasion strip leading edge.

- (3) Inspect each blade skin for corrosion, paying particular attention to any areas of paint cracking or damage. Inspect all bonded joints for corrosion or delamination.
- (4) Inspect each blade butt around the bearings for corrosion or delamination.
- (b) Thereafter, conduct the visual inspections specified in paragraph (a) of this AD at intervals not to exceed 10 hours time-in-service.
- (c) If the inspections required by paragraphs (a) and (b) of this AD reveal any corrosion or delamination, replace the blade with an airworthy blade before further flight.
- (d) Installation of any airworthy tail rotor blade assembly which has been FAA-approved for the particular Model 47 helicopter, except for P/N 047-642-117-105 with S/N A-1943 through A-2068, constitutes a terminating action for the requirements of this AD.
- (e) Installation of tail rotor blade assembly, P/N 047-642-117-105M, including those with S/N A-1943 through A-2068, constitutes a terminating action for the requirements of this AD.

NOTE 2: Bell Helicopter Textron Alert Service Bulletin No. 47-96-21, dated January 29, 1996, pertains to this AD.

- (f) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Rotorcraft Certification Office, Rotorcraft Directorate. 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 3: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Rotorcraft Certification Office.

- (g) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the helicopter to a location where the requirements of this AD can be accomplished.
- (h) This amendment becomes effective on May 29, 1996, to all persons except those persons to whom it was made immediately effective by Priority Letter AD 96-06-12, issued March 13, 1996, which contained the requirements of this amendment.

► **Footer Information**

► **Federal Register Information**

► **Comments**

Prescrizione di Aeronavigabilità N. 1996-131



REGISTRO AERONAUTICO ITALIANO

PRESCRIZIONE DI AERONAVIGABILITA'

SOGGETTO - OGGETTO:

Elicotteri Bell, Agusta Bell e Westland serie 47 -
Assieme pala rotore di coda P/N 047-642-117-105.

RIFERIMENTI:

-Documentazione della Ditta Costruttrice:

BHTI

Alert S.B. 47-96-21

AGUSTA

Bollettino Tecnico 47-142

- Prescrizioni Estere:

FAA USA

AD 96-06-12 Amdt. 39-9616

N. 1996-131
del 03-06-
1996

Rev. 0

P.A. Ripetitiva
SI

!!! URGENTE-APPLICAZIONE IMMEDIATA !!!

DATA DI ENTRATA IN VIGORE: 14 Giugno 1996

SCADENZA:

Prima del primo volo di ogni giorno e successivamente 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. 47B, 47B-3, 47D, 47D-1, 47G, 47G-2,
47G-2A,
47G-2A-1, 47G-3, 47G-3B, 47G-3B-1, 47G-3B-2, 47G-3B-2A, 47G-4, 47G-4A, 47G-5,
47G-5A,
47H-1, 47J, 47J-2, 47J-2A, 47-K ed elicotteri Agusta Bell e Westland
Helicopters LTD.

a questi corrispondenti, equipaggiati con assieme pala rotore di coda, part
number (P/N) 047-642-117-105, numero di serie (S/N) da A-1943 a A-2068.

DESCRIZIONE:

L'allegata AD a riferimento costituisce Prescrizione di Aeronavigabilità del
RAI, con
la scadenza riportata alla relativa voce della presente PA.

Si riporta, dopo la traduzione in inglese, il testo della suddetta AD:

English Translation:

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

AIRWORTHINESS DIRECTIVE 96-131, issued 3 June 1996.

!!! URGENT - IMMEDIATE ACTION REQUIRED !!!

EFFECTIVE DATE: 14 June, 1996

APPLICABILITY: Bell Helicopter Textron, Inc. model 47B, 47B-3, 47D, 47D-1,
47G,
47G-2, 47G-2A, 47G-2A-1, 47G-3, 47G-3B, 47G-3B-1, 47G-3B-2, 47G-3B-2A, 47G-4,
47G-4A, 47G-5, 47G-5A, 47H-1, 47J, 47J-2, 47J-2A, 47-K helicopters and Agusta
Bell and Westland Helicopters LTD corresponding helicopters, with tail rotor
blade assembly, part number (P/N) 047-642-117-105, serial numbers (S/N) A-1943
through A-2068, installed.

COMPLIANCE: As established in the referenced FAA AD, as of the effective date

Prescrizione di Aeronavigabilità N. 1996-131

of
this AD.

REFERENCE: - FAA Airworthiness Directive 96-06-12, Amendment 39-9616.
- Bell Helicopter Textron Alert Service Bulletin n. 47-96-21, dated January 29, 1996.
- Agusta Bollettino Tecnico 47-142, dated 15 May, 1996.

DESCRIPTION:

The referenced FAA Airworthiness Directive constitutes RAI Prescrizione di Aeronavigabilità (AD), with the compliance time specified in the "COMPLIANCE" section of this AD.

The text of the FAA AD 96-06-12, Amendment 39-9616, is here reprinted:

96-06-12 BELL HELICOPTER TEXTRON, INC.: Amendment 39-9616.

Docket No. 96-SW-01-AD.

Applicability: Model 47B, 47B-3, 47D, 47D-1, 47G, 47G-2, 47G-2A, 47G-2A-1, 47G-3, 47G-3B, 47G-3B 1, 47G-3B-2, 47G-3B-2A, 47G-4, 47G-4A, 47G-5, 47G-5A, 47H-1, 47J, 47J-2, 47J-2A, and 47-K helicopters, with tail rotor blade assembly, part number(P/N) 047-642-117-105, serial numbers (S/N) A-1943 through A-2068, installed, certificated in any category.

NOTE 1: This AD applies to each helicopter identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For helicopters that

have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must use the authority

provided in paragraph (f) to request approval from the FAA. This approval may,

address either no action, if the current configuration eliminates the unsafe condition, or different actions necessary to address the unsafe condition described

in this AD. Such a request should include an assessment of the effect of the changed configuration on the unsafe condition addressed by this AD. In no case

does the presence of any modification, alteration, or repair remove any helicopter from the applicability of this AD.

Compliance: Required as indicated, unless accomplished previously.

To prevent premature delamination or separation of the tail rotor blade (blade)

tip block or the abrasion strip, which could lead to failure of the blade and subsequent loss of control of the helicopter, accomplish the following:

(a) Prior to the first flight of each day, visually inspect each blade tip, abrasion strip, blade skin and blade butt as follows:

(1) Inspect each blade tip for corrosion or delamination adjacent to the abrasion strip and tip block.

(2) Inspect each abrasion strip for corrosion or delamination, paying particular attention to the abrasion strip leading edge.

(3) Inspect each blade skin for corrosion, paying particular attention to any areas of paint cracking or damage. Inspect all bonded joints for corrosion or delamination.

(4) Inspect each blade butt around the bearings for corrosion or delamination.

(b) Thereafter, conduct the visual inspections specified in paragraph (a) of this AD at intervals not to exceed 10 hours time-in-service.

(c) If the inspections required by paragraphs (a) and (b) of this AD reveal any corrosion or delamination, replace the blade with an airworthy blade before

further flight.

(d) Installation of any airworthy tail rotor blade assembly which has been FAA-approved for the particular Model 47 helicopter, except for P/N 047-642-117-105 with S/N A-1943 through A-2068, constitutes a terminating action for the requirements of this AD.

(e) Installation of tail rotor blade assembly, P/N 047-642-117-105M,

Prescrizione di Aeronavigabilità N. 1996-131

including those with S/N A-1943 through A-2068, constitutes a terminating action for the requirements of this AD.

NOTE 2: Bell Helicopter Textron Alert Service Bulletin No. 47-96-21, dated January 29, 1996, pertains to this AD.

(f) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Rotorcraft Certification Office, Rotorcraft Directorate. 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 3: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Rotorcraft Certification Office.

(g) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the helicopter to a location where the requirements of this AD can be accomplished.

(h) This amendment becomes effective on May 29, 1996, to all persons except those persons to whom it was made immediately effective by Priority letter AD 96-06-12, issued March 13, 1996, which contained the requirements of this amendment.

FOR FURTHER INFORMATION CONTACT:

Mr. Tony Nguyen, Aerospace Engineer, Rotorcraft Certification Office, Rotorcraft Directorate, FAA, 2601 Meacham Blvd, Fort Worth, Texas 76137, telephone (817) 222-5177; fax (817) 222-5960.

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Il Certificato di Navigabilità dell'aeromobile sulle cui strutture od impianti deve essere applicata la Prescrizione di Aeronavigabilità in oggetto, scade di validità qualora essa non venga attuata nei termini prefissati. La effettuazione della Prescrizione di Aeronavigabilità deve essere annotata, a cura dell'Esercente, sui libretti dell'aeromobile, del motore o dell'elica.