



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

INSTALLATION INSTRUCTIONS

MAINTENANCE STEP KIT

**206-531-055
206-531-056**

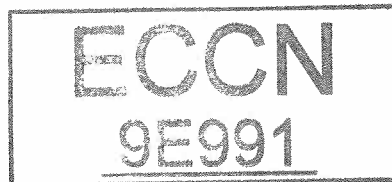
FOR

BELL HELICOPTER TEXTRON MODEL 206L, L-1, L-3, L-4 HELICOPTERS

Report Number AA-96152

Revision D

February 10, 2006



RESTRICTED DISCLOSURE NOTICE

THE DRAWINGS, SPECIFICATIONS, DESCRIPTIONS, AND OTHER TECHNICAL DATA ATTACHED HERETO ARE PROPRIETARY AND CONFIDENTIAL TO AERONAUTICAL ACCESSORIES, INC., AND CONSTITUTE TRADE SECRETS FOR PURPOSES OF THE TRADE SECRET AND FREEDOM OF INFORMATION ACTS. NO DISCLOSURE TO OTHERS, EITHER IN THE UNITED STATES OR ABROAD, OR REPRODUCTION OF ANY PART OF THE INFORMATION SUPPLIED IS TO BE MADE, AND NO MANUFACTURE, SALE OR USE OF ANY INVENTION OR DISCOVERY DISCLOSED HEREIN SHALL BE MADE, EXCEPT BY WRITTEN AUTHORIZATION OF AERONAUTICAL ACCESSORIES, INC. THIS NOTICE WILL NOT OPERATE TO NULLIFY OR LIMIT RIGHTS GRANTED BY CONTRACT. THE DATA SUBJECT TO THIS RESTRICTION IS CONTAINED IN ALL SHEETS AND IS DISCLOSED TO PERSONNEL OF AERONAUTICAL ACCESSORIES, INC., FOR THE PURPOSE(S) OF INTERNAL USE AND DISTRIBUTION ONLY.

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AERONAUTICAL ACCESSORIES, INC.

LOG OF REVISIONS

Revision	Date	Description	Pages
-	08/08/96	Original Release	All
A	12/18/96	Revised Description	4
B	01/14/04	Revised Washer P/N from AN960JD416L	4,5
		Revised Adhesive P/N from EA934NA	5
C	01/16/06	Reformatted Document	All
		Revised Document Title	All
		Revised Figures 1-3	6-8
		Added alternate insert P/Ns	9
D	02/10/06	Revised Figure 3	8

1.0 INTRODUCTION

These instructions contain the necessary information to install **AERONAUTICAL ACCESSORIES, INC. MAINTENANCE STEP KIT** on BHT 206L, L-1, L-3, L-4 Model Helicopters. These aircraft require the installation of six inserts in the fuselage. These instructions are FAA approved under STC No. SH1281SO.

CAUTION

Do **NOT** install the Aeronautical Accessories, Inc. **FIXED MAINTENANCE STEP** in conjunction with the Aeronautical Accessories, Inc. **PASSENGER SLIDING DOOR KIT**. The sliding door will be blocked, denying egress.

2.0 INSTALLATION INSTRUCTIONS

- 2.1 Locate the master hole location per Figure 1 for Left Hand installation and Figure 2 for Right Hand installation. Ensure the **FIXED MAINTENANCE STEP** is horizontal and the **FIXED MAINTENANCE STEP** base plate and aircraft contours match.

NOTE

Confirm the correct installation Figure for each side of the aircraft. The insert pattern is different for left and right sides.

- 2.2 Using the **FIXED MAINTENANCE STEP** as a guide, drill a 1/4" diameter hole at the master hole location through the outer skin only. Insert a screw, (MS27039-4-11) provided, through the **FIXED MAINTENANCE STEP** master hole and into the hole in the aircraft skin. Repeat this step for the remaining five holes, being sure to insert a screw through the **FIXED MAINTENANCE STEP** and into the aircraft skin as each hole is drilled. This will ensure proper alignment of the **FIXED MAINTENANCE STEP** holes with the holes drilled into the aircraft skin.

WARNING

DO NOT DRILL THROUGH THE INNER SKIN. THE FUEL TANK IS LOCATED DIRECTLY BEHIND THE INNER SKIN IN THIS AREA. USE A DRILL STOP TO PREVENT THE DRILL BIT FROM GOING THROUGH THE INNER SKIN.

- 2.3 Remove the screws from the holes drilled in Step 2.2. Remove the **FIXED MAINTENANCE STEP** from the aircraft. Ream the six holes in the aircraft to .687" - .690" diameter.
- 2.4 Compress or remove the honeycomb material around each hole to a 2" diameter. See Figure 3 for typical installation.

- 2.5 Fill each hole 3/4 full with the adhesive provided. A syringe is provided so that the adhesive may be squirted into each hole.
- 2.6 Install the six inserts, (495SF428-16-4) provided, into each hole. The inserts should snap into place.
- 2.7 Using the syringe, completely fill each insert hole with adhesive until the excess is forced out of side around rim. Do not allow adhesive into threaded portion of the insert. Clean away excess adhesive using lacquer thinner or MEK. Allow adhesive time to cure.

NOTE

Adhesive cures at room temperature in approximately 24 hours.
To decrease cure time, apply 170°F to 190°F heat. This will decrease cure time to 60 to 90 minutes.

- 2.8 Touch up the area around the inserts with primer and paint as required.
- 2.9 Install the **FIXED MAINTENANCE STEP** using six each screws, (MS27039-4-11) provided, and washers, (NAS1149D0416J) provided.

NOTE

To prevent the step from cocking, start all six screws, run them in evenly and torque them in "X" patterns.

- 2.10 Paint the **FIXED MAINTENANCE STEP** as desired. Each unit is primed and may be painted either before or after installation.
- 2.11 Install **BAGGAGE DOOR RETENTION STRAP KIT** (206-468-108) per Installation Instructions, Report No. AA-87041, for Left Hand **FIXED MAINTENANCE STEP** only.
- 2.12 Revise aircraft equipment list.
- 2.13 Installation complete.

3.0 WEIGHT AND BALANCE

3.1 Weight and Balance:

<u>Weight</u>	<u>Station</u>	<u>Lateral Arm</u>
1.0 lbs (each)	146.0 in	±28.0 in (one side only) 0.0 in (both sides)
(.45 kg)	(3708.4 mm)	(711.2 mm (one side only)) (0.0 mm (both sides))

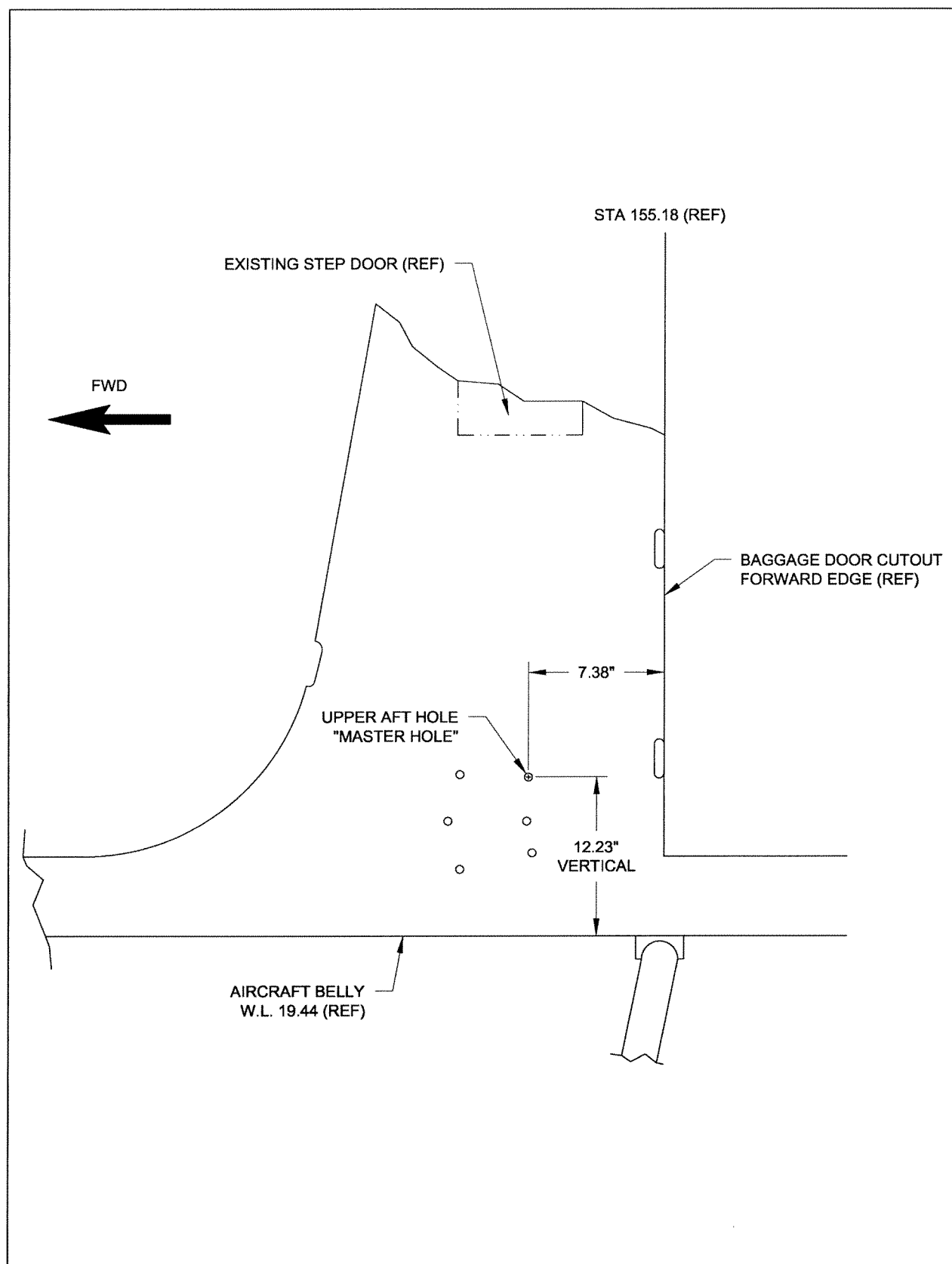


FIGURE 1 – LEFT HAND FIXED MAINTENANCE STEP INSTALLATION

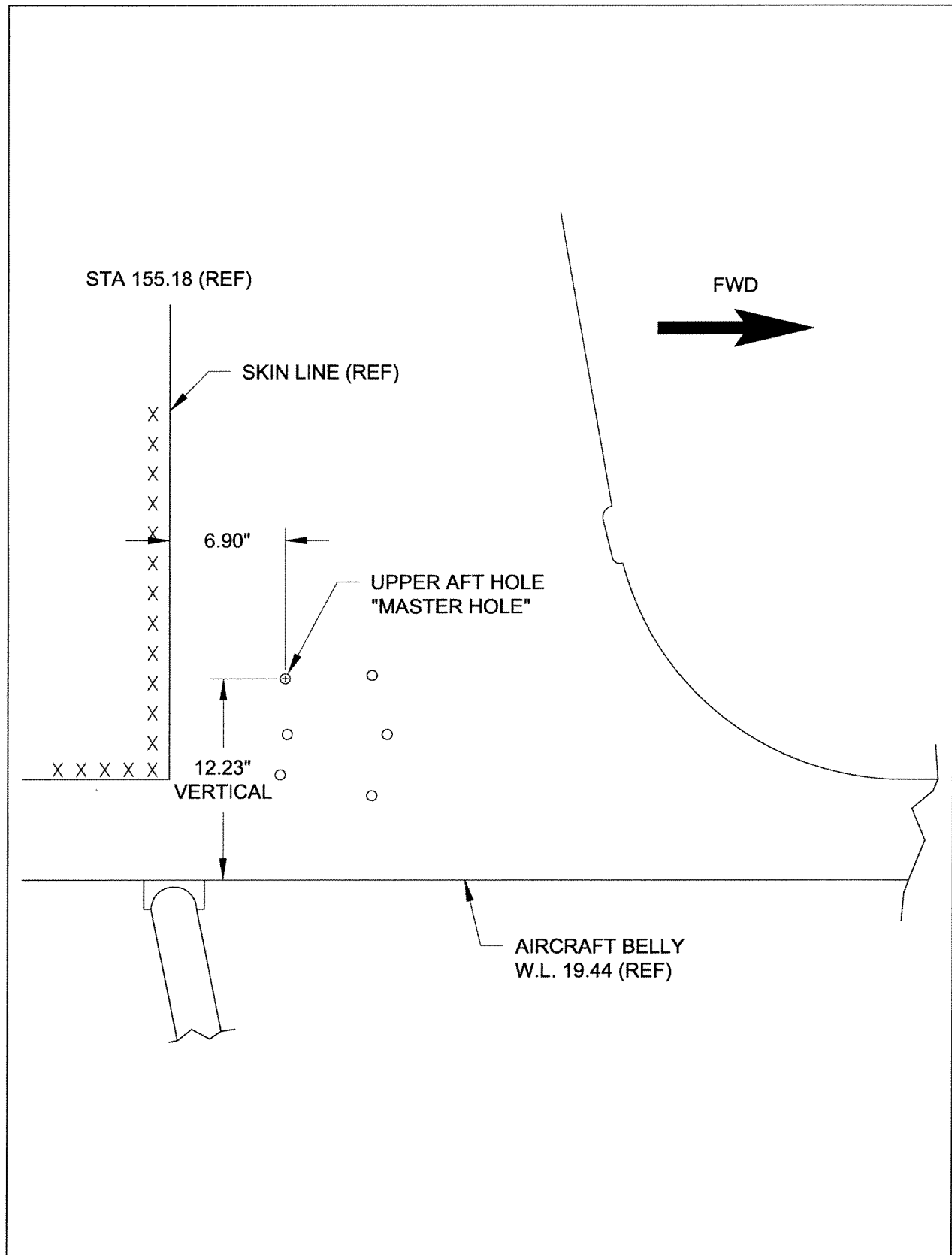


FIGURE 2 – RIGHT HAND FIXED MAINTENANCE STEP INSTALLATION

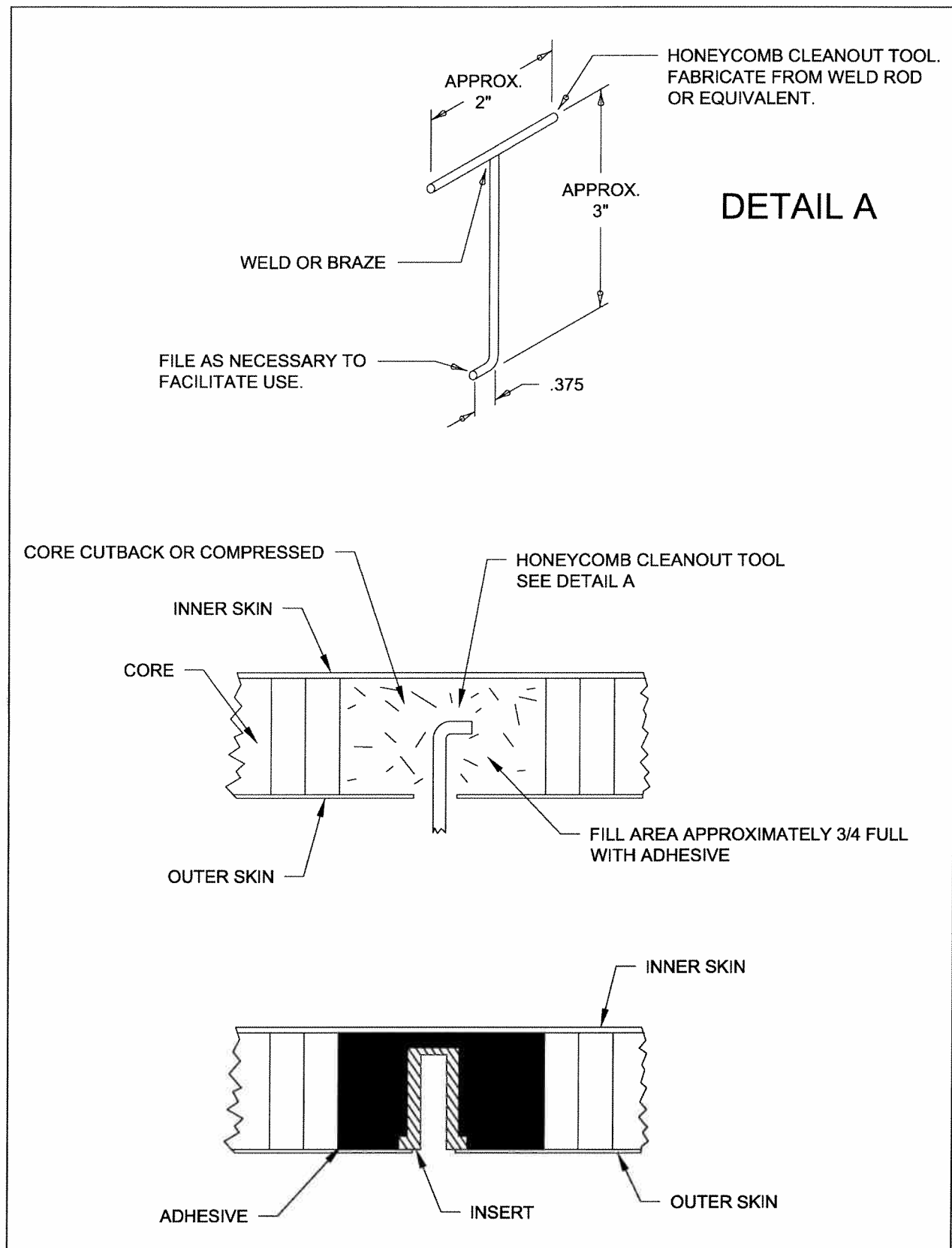


FIGURE 3 – TYPICAL INSERT INSTALLATION

PARTS LIST

206-531-055 MAINTENANCE STEP KIT
206-531-056 MAINTENANCE STEP KIT

	Qty <u>-055</u>	Qty <u>-056</u>	<u>Part Number</u>	<u>Description</u>
_____	1		206-468-108	Baggage Door Retention Strap Kit
_____	1		206-531-155	Fixed Maintenance Step L/H
_____		1	206-531-156	Fixed Maintenance Step R/H
_____	1	1	099-050-132	Adhesive (EA934NA)
_____			Alt: 099-050-121	(Magnobond 6398 A&B)
_____	1	1	099-859-002	Syringe (15 cc)
_____	6	6	495SF428-16-4*	Insert
_____	6	6	MS27039-4-11	Screw
_____	6	6	NAS1149D0416J	Washer
_____			Alt: AN960JD416L	

* Alternate P/Ns: 495SF428-16-1, 495SF428-16-2, 80-005-3-16, 80-005-3B16,
TYE3006B4D16, TYE3005-4-16, TYE3005-4B16, SL2052-4-8,
SL2052-4-8-2

Confirm inventory prior to installation.

Packed by: _____ / _____ / _____

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SH1281SO

This certificate issued to

Bell Helicopter Textron, Inc.
441 Industrial Park Rd.
Piney Flats, TN 37686

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 6 of the Civil Air Regulations.

Original Product -- Type Certificate Number: H2SW
Make: Bell Helicopter Textron Canada Limited
Model: 206A, 206B, 206L, 206L-1, 206L-3, 206L-4, 407

Description of Type Design Change: Installation of a maintenance step in accordance with Drawing List Report KR-154, no revision, dated August 25, 1981, or later FAA approved revisions.

Limitations and Conditions: The approval of this change applies basically to Bell Models 206 series and 407. This approval should not be extended to other rotorcraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will produce no adverse effect upon the airworthiness of that rotorcraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the fuselage.

The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: June 12, 1981

Date reissued: February 1, 2011

Date of issuance: October 16, 1981

Date amended: March 19, 1996, December 5, 1996



By direction of the Administrator

John Hardie
(Signature)
James A. Richmond, Acting Manager
Rotorcraft Certification Office
Southwest Region

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____
(Number and street)

(City, State, and ZIP code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____



REPÚBLICA FEDERATIVA DO BRASIL
COMANDO DA AERONÁUTICA
DEPARTAMENTO DE PESQUISAS E DESENVOLVIMENTO
CENTRO TÉCNICO AEROESPACIAL
INSTITUTO DE FOMENTO E COORDENAÇÃO INDUSTRIAL

Folha de Continuação ao
(Continuation Sheet to)

CERTIFICADO DE HOMOLOGAÇÃO SUPLEMENTAR DE TIPO
(Supplemental Type Certificate)

NÚMERO 9304-01
(Number)

LIMITAÇÕES E CONDIÇÕES:
(Limitations and Conditions:)

- I. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of those other previously approved modifications, including changes in Type Design, will introduce no adverse effect upon the airworthiness of that aircraft.
- II. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.
- III. A copy of this Certificate and the appropriate Aeronautical Accessories Installation Instructions shall be maintained as part of the permanent records for the modified aircraft.
- IV. Reissued in English language, on 31 MAR 2000.

----- END -----



REPÚBLICA FEDERATIVA DO BRASIL
COMANDO DA AERONÁUTICA
DEPARTAMENTO DE PESQUISAS E DESENVOLVIMENTO
CENTRO TÉCNICO AEROESPACIAL
INSTITUTO DE FOMENTO E COORDENAÇÃO INDUSTRIAL

CERTIFICADO DE HOMOLOGAÇÃO SUPLEMENTAR DE TIPO

(Supplemental Type Certificate)

NÚMERO 9304-01
(Number)

Este certificado, emitido com base na Lei nº 7565 "Código Brasileiro de Aeronáutica", de 19 de dezembro de 1986,
(This certificate, issued in the basis of the Law No. 7565 "Código Brasileiro de Aeronáutica", dated 19 December 1986,

é conferido ao (à): Aeronautical Accessories, Inc.
is granted to:) P.O. Box 3689
Bristol, Tennessee 37625
USA

por ter a modificação ao projeto de tipo do produto abaixo citado, observadas as limitações e condições
(for having the change to the type design of the product mentioned below, with the limitations and conditions therefor as)
especificadas, satisfeito aos requisitos de aeronavegabilidade aplicáveis.
(specified hereon, met the applicable airworthiness requirements.)

Produto Original - Número do Certificado de Tipo: H2SW (FAA-USA)
(Original Product - Type Certificate No:)

Fabricante: Bell Helicopter Textron
(Manufacturer:)

Modelo(s): 206A, 206B, 206L, 206L-1, 206L-3 & 206L-4
(Model(s):)

DESCRIÇÃO DA MODIFICAÇÃO AO PROJETO DE TIPO:
(Description of Type Design Change:)

Installation of a maintenance step in accordance with Drawing List of Report No. KR-154, Revision I, dated 20 APR 1998, or later approved revisions.
This CHST validates in Brazil the STC # SH1281SO, issued by FAA (USA), only for the models referred above.

LIMITAÇÕES E CONDIÇÕES:
(Limitations and Conditions:)

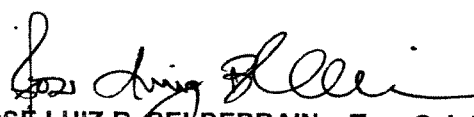
See continuation sheet for applicable data.

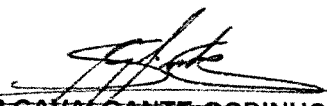
DATAS:
(Dates of:)

Do Requerimento: 09 JULY 1992
(Application:)

Da emissão: 01 APR 1993
(Issue:)

Da reemissão: 31 MAR 2000
(Reissue:)


JOSÉ LUIZ R. BELDERRAIN - Ten.-Cel.-Eng.
Chefe da Divisão de Homologação Aeronáutica
(Chief, Divisão de Homologação Aeronáutica)


SILOMAR CAVALCANTE GODINHO - Cel.-Av.
Diretor do Instituto de Fomento e Coordenação Industrial
(Director, Instituto de Fomento e Coordenação Industrial)



REPÚBLICA FEDERATIVA DO BRASIL
Ministério da Aeronáutica
CENTRO TÉCNICO AEROSPAÇIAL

CERTIFICADO DE HOMOLOGAÇÃO SUPLEMENTAR DE TIPO

NÚMERO 9304-01

CATEGORIA NORMAL

Este documento, emitido com base na Portaria nº 453/GM5, de 02 de Agosto de 1991, em nome de: AERONAUTICAL ACCESSORIES, INC.

P.O. BOX 3689

Bristol, TENNESSEE 37625

U.S.A.

atesta que a modificação ao projeto de tipo do produto citado abaixo, observadas as limitações e condições especificadas no Adendo a este Certificado, satisfaz os requisitos de aeronavegabilidade aplicáveis ao produto original.

PRODUTO ORIGINAL

Marcas de nacionalidade e de matrícula: -X-X-

Fabricante: BELL HELICOPTER TEXTRON, INC.

Modelo(s) : 206A e B

Nº de série: -X-X-

Nº do Certificado de Tipo: H2SW (FAA)

DESCRIÇÃO DA MODIFICAÇÃO

Instalação do MAINTENANCE STEP, P/N 206-531-001/002, de acordo com Drawing List Report Nº KR-154, Rev. C, de 03 ABR 92, ou em revisões posteriores aprovadas pelo CTA.

DATAS

Do requerimento: 09 JUL 92 Da emissão: 01 ABR 93 Da reemissão:

APROVAÇÃO


Chefe da Divisão de Homologação Aeronáutica
CLODOALDO MATIAS DE OLIVEIRA - Maj Av


Diretor do CTA
Brig do Ar - NELSON DE SOUZA TAVEIRA

AIRWORTHINESS APPROVAL NOTE NO: 23814 Issue 12

APPLICANT: CAA Internal Purposes

AIRCRAFT TYPE: Bell 206 Series

REGISTRATION NO: Not Applicable

CONSTRUCTOR'S NO: Not Applicable



Validation of Aeronautical Accessories FAA Bell 206 Series STC Approvals

In accordance with BCAR B2-2 para 7.2.3 procedures, the following Aeronautical Accessories, Inc modifications are approved for use in the Transport Category (Passengers) when installed in accordance with the FAA STC on UK registered Bell/Agusta Bell 206 Series aircraft, as appropriate:

<u>Description</u>	<u>STC</u>	<u>Model</u>
Range Extender	SH2889SW	Bell 206A,B
Longranger Extender	SH1522SO	Bell 206L,L-1
Raingutter	SH1148SO	Bell 206A,B,L,L-1,L-3
Spoonsmaker	SH227WE	Bell 206A,B,L,L-1,L-3,L-4,407
Maintenance Step	SH1281SO	Bell 206A,B
Folding Maintenance Step	SH2243SO	Bell 206A,B,L,L-1,L-3,L-4,407
Step/Handle	SH1282SO	Bell 206A,B
Step/Handle	SH1366SO	Bell 206L,L-1,L-3,L-4,407
High Skid Gear	SH1392SO	Bell 206A,B
High Skid Gear	SH2804SO	Bell 206L,L-1,L-3,L-4
Low Skid Gear	SH2764SO	Bell 206A,B
Low Skid Gear	SH2941SO	Bell 206L,L-1,L-3,L-4
Flitestop	SH1322SO	Bell 206A,B,L,L-1,L-3,L-4
Baggage Floor Protector	SH1147SO	Bell 206A,B,L,L-1,L-3,L-4,407
Cyclic Cover	SH244WE	Bell 206A,B,L,L-1,L-3,L-4
Collective Safety Cover	SH2373SO	Bell 206A,B,L,L-1,L-3,L-4
Crew Wedge Window	SH1815SO	Bell 206A,B,L,L-1,L-3,L-4
Replacement Windows	SH1664SO	Bell 206A,B,L,L-1,L-3,L-4
Crew Shoulder Harness	SH2073SO	Bell 206A,B,L,L-1,L-3,L-4
Door Openers	SH1990SO	Bell 206A,B,L,L-1,L-3,L-4,407
VRS	SH7882SW	Bell 206A,B
Cabin Floor Protector	SH2289SO	Bell 206A,B,L,L-1,L-3,L-4,407
Crew Vertical Slide Windows	SH2139SO	Bell 206A,B,L,L-1,L-3,L-4,L-4 (Modified)
Replacement Drive Train Seals	SR00539AT	Bell 206A,B,L,L-1,L-3,L-4
Tail Rotor Pedal Lockout	SR00513AT	Bell 206A,B,L,L-1,L-3,L-4
Replacement Interior Trim	SID298SO	Bell 206A,B,L,L-1,L-3
Replacement Door Locks and Locking	SR00095AT	Bell 206A,B,L,L-1,L-3,L-4
Fuel Cap		

APPLICANT
AIRCRAFT PROJECTS DEPARTMENT
FLIGHT MANUALS SECTION
POWERPLANT DEPARTMENT
REGIONAL MANAGER:-

<u>Description</u>	<u>STC</u>	<u>Model (Cont'd)</u>
Lightweight Replacement Nitrogen Reservoir Assembly	SR00175AT	Bell 206A, B, L, L-1, L-3, L-4
Electrical Inflation Valve Retrofit Kit	SR00822AT	Bell 206A, B, L, L-1, L-3
Air Deflector	SR01556AT	Bell 407
Air Deflector	SR01582AT	Bell 206A, B, L, L-1, L-3, L-4
Dual Video Camera System and Monitor	SH2292SO	Bell 206A, B, L, L-1, L-3
Hinged Circuit Breaker Panel	SR00347AT	Bell 206A, B, L, L-1, L-3, L-4

Issue 2 has been raised to correct minor editorial errors.

Issue 3 has been raised to include the Bell 206L4, where applicable.

Issue 4 has been raised to include the Crow Vertical Slide Windows.

Issue 5 has been raised to include the Replacement Drive Train Seals.

Issue 6 has been raised to include the Tail Rotor Pedal Lockout and Bell 206 L-4 applicability to High and Low Skid Gear.

Issue 7 has been raised to include the Replacement Interior Trim

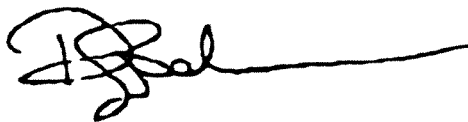
Issue 8 has been raised to include Replacement Door Locks and Locking Fuel Cap

Issue 9 has been raised to include replacement Nitrogen Reservoir and Electrical Inflation Valves for the Bell Emergency Flotation Equipment.

Issue 10 has been raised to include installation of Air Deflection on crew and passenger door windows.

Issue 11 has been raised to include STCs SR01582AT, SH2292SO and SR00347AT.

Issue 12 has been raised to include the Bell 407, where applicable.



P Sparkes

For the Civil Aviation Authority

Date 8 October 1999

DEPARTMENT OF TRANSPORT

Supplemental Type Approval

Number:

SH96-52

This approval is issued to:

Aeronautical Accessories, Inc.
P.O. Box 3689
Bristol, Tennessee
37625

Issue No.:

1

Approval Date:

May 13, 1996

Issue Date:

May 13, 1996

Responsible Region:

Headquarters

Aircraft/Engine Type or Model:

Bell 206A, 206B, 407

Canadian Type Approval or Equivalent:

H-92

Description of Type Design Change:

Installation of a maintenance step in accordance with FAA STC SH1281SO.

Installation/Operating Data,
Required Equipment
and Limitations:

Installation of a maintenance step is to be done in accordance with Drawing List Report KR-154, no revision, dated August 25, 1981, or later approved revision.

Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated will not adversely affect the airworthiness of the modified product.



F. R. Davies

Airworthiness Branch Ottawa
For Minister of Transport





REPÚBLICA FEDERATIVA DO BRASIL
COMANDO DA AERONÁUTICA
DEPARTAMENTO DE PESQUISAS E DESENVOLVIMENTO
CENTRO TÉCNICO AEROESPACIAL
INSTITUTO DE FOMENTO E COORDENAÇÃO INDUSTRIAL

CERTIFICADO DE HOMOLOGAÇÃO SUPLEMENTAR DE TIPO
(Supplemental Type Certificate)

NÚMERO 9807-02
(Number)

Este certificado, emitido com base na Lei nº 7565 "Código Brasileiro de Aeronáutica", de 19 de dezembro de 1986,
(This certificate, issued in the basis of the Law No. 7565 "Código Brasileiro de Aeronáutica", dated 19 December 1986,

é conferido ao (à): Aeronautical Accessories, Inc.
is granted to:) P.O. Box 3689
Bristol, Tennessee 37625
USA

por ter a modificação ao projeto de tipo do produto abaixo citado, observadas as limitações e condições
(for having the change to the type design of the product mentioned below, with the limitations and conditions therefor as)
especificadas, satisfeito aos requisitos de aeronavegabilidade aplicáveis.
(specified hereon, met the applicable airworthiness requirements.)

Produto Original - Número do Certificado de Tipo: 9603 - CTA
(Original Product - Type Certificate No.)

Fabricante: Bell Helicopter Textron
(Manufacturer:)

Modelo(s): 407
(Model(s):)

DESCRIÇÃO DA MODIFICAÇÃO AO PROJETO DE TIPO:
(Description of Type Design Change:)

Installation of maintenance step in accordance with Drawing List of Report No. KR-154, Rev. I, dated 20 APR 1998, or later approved revisions.
This CHST validates in Brazil the STC # SH1281SO, issued by FAA (USA), only for model referred above

LIMITAÇÕES E CONDIÇÕES:
(Limitations and Conditions:)

See continuation sheet for applicable data.

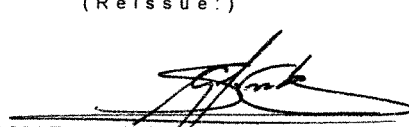
DATAS:
(Dates of:)

Do Requerimento: 22 APR 1998
(Application:)

Da emissão: 31 MAR 2000
(Issue:)

Da reemissão:
(Reissue:)


JOSÉ LUIZ R. BELDERRAIN - Ten.-Cel.-Eng.
Chefe da Divisão de Homologação Aeronáutica
(Chief, Divisão de Homologação Aeronáutica)


SILOMAR CAVALCANTE GODINHO - Cel.-Av.
Diretor do Instituto de Fomento e Coordenação Industrial
(Director, Instituto de Fomento e Coordenação Industrial)



REPÚBLICA FEDERATIVA DO BRASIL
COMANDO DA AERONÁUTICA
DEPARTAMENTO DE PESQUISAS E DESENVOLVIMENTO
CENTRO TÉCNICO AEROESPACIAL
INSTITUTO DE FOMENTO E COORDENAÇÃO INDUSTRIAL

Folha de Continuação ao
(Continuation Sheet to)

CERTIFICADO DE HOMOLOGAÇÃO SUPLEMENTAR DE TIPO
(Supplemental Type Certificate)

NÚMERO 9807-02
(Number)

LIMITAÇÕES E CONDIÇÕES:
(Limitations and Conditions:)

- 
- I. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of those other previously approved modifications, including changes in Type Design, will introduce no adverse effect upon the airworthiness of that aircraft.
 - II. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.
 - III. A copy of this Certificate and Report No. AA-95061 - Installation Instructions, shall be maintained as part of the permanent records for the modified aircraft.

-----END-----

中国民用航空总局

GENERAL ADMINISTRATION OF CIVIL AVIATION OF CHINA

补充型号合格证

VALIDATION OF SUPPLEMENTAL TYPE CERTIFICATE

编号/NO. VSTC148

本证颁发给/This Certificate is issued to Aeronautical Accessories, Inc.

适用机型/Applicable Aircraft Model: Bell 206A, 206B, 206L, 206L-1, 206L-3, 206L-4, 407

叙述/Description: Installation of a maintenance step in accordance with Drawing List Report KR-154, no revision, dated August 25, 1981, or later FAA approved revisions.

使用限制/Limitation: See the "Limitation and Conditions" of SH1281SO (Issued on December 5, 1996)

经中国民用航空总局审查确认, 上述民用航空产品的设计更改符合中国民用航空规章的有关规定。中国民用航空总局对由 FAA 颁发的第 SH1281SO 号补充型号合格证给予认可。

This is to certify that design change of above civil aeronautical product meets applicable China Civil Aviation Regulations. General Administration of Civil Aviation of China validates the Supplemental Type Certificate No. SH1281SO issued by FAA.

局长授权:

For the Minister of CAAC:

Zhou Kaixuan

签字/Signature

Deputy Director General

职务/Title

CAAC-AAD

部门/Department

8/11/2005

日期/Date

AAC-156(01/2000)

RECEIVED TIME 18.AUG. 14:29

PRINT TIME 18.AUG. 14:36



SUPPLEMENTAL TYPE CERTIFICATE

10033707

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EC) No. 1702/2003 to

AERONAUTICAL ACCESSORIES, INC

**441 INDUSTRIAL PARK ROAD
PINEY FLATS TN 37686
USA**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

Original Product TC Number : CANADA H-92

TC Holder : BELL HELICOPTER TEXTRON CANADA

Model : 206A, 206B, 206L, 206L-1

Model : 206L-3, 206L-4, 407

Original STC Number : FAA STC SH1281SO

Description of Design Change:

Maintenance Step.

EASA Certification Basis:

The Certification Basis for the original product remains applicable to this certificate/ approval. The requirements for environmental protection and the associated certificated noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

See Continuation Sheet(s)

For the European Aviation Safety Agency,

Date of issue: 04.02.2011


Massimo MAZZOLETTI
Certification Manager
Rotorcraft, Balloons, Airships

Note:

The following numbers are listed on the certificate:
EASA current Project Number: 0010009215-001

SUPPLEMENTAL TYPE CERTIFICATE - 10033707 - AERONAUTICAL ACCESSORIES, INC



Associated Technical Documentation:

KR-154 revision S dated 10 November 2010 - Drawing List;
AA-87036 revision R dated 4 April 2003 - Installation Instructions for Pre-Flight Step/Handle on Bell 206A and B models;
AA-87040 revision C dated 4 October 1999 - Installation Instructions for Maintenance Step on Bell 206A and B models;
AA-87041 revision J dated 1 August 2001 - Installation Instructions for Baggage Door Retention Strap;
AA-88042 revision J dated 23 May 2006 - Installation Instructions for Maintenance Step on Bell 206B model S/N 3567 and Subsequent;
AA-95061 revision N dated 29 September 2009 - Installation Instructions for Fixed Maintenance Step on Bell 407 model;
AA-96152 revision D dated 10 February 2006 - Installation Instructions for Maintenance Step Kit on Bell 206L, L-1, L-3 and L-4 models;

Limitations:

None.

Conditions:

Prior to installation of this modification it must be determined that the interrelationship between this modification and any other previously installed modification and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- end -

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010009215-001

SUPPLEMENTAL TYPE CERTIFICATE - 10033707 - AERONAUTICAL ACCESSORIES, INC

**REPUBLIC OF INDONESIA
MINISTRY OF TRANSPORTATION
DIRECTORATE GENERAL OF CIVIL AVIATION**

HELICOPTER

Supplement Type Certificate

VALIDATION

Number: SR009

This certificate issued to: **Bell Helicopter Textron, Inc.
441 Industrial Park Road
Piney Flats, TN 37686**

Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified in the Civil Aviation Safety Regulations and the Type Certificate Data Sheet, meets the airworthiness requirements of part 27 of the Civil Aviation Safety Regulations

**Type Certificate Validation Number : H015&H002
Make : Bell Helicopter Textron Canada Limited
Model : 206A, 206B, 206L, 206L-1, 206L-3, 206L-4 & 407 Helicopters**

Description of Type Design Changes: Installation of a maintenance step in accordance with Bell Helicopter Textron, Inc. Drawing List Report KR-154, revision S, dated November 10, 2010 or later FAA approved revisions.

Limitations and Conditions:

The approval of this change applies basically to Bell Models 206A, 206B, 206L, 206L-1, 206L-3, 206L-4, 407 Helicopter. This approval should not be extended to other rotorcraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will produce no adverse effect upon the airworthiness of that rotorcraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the fuselage.

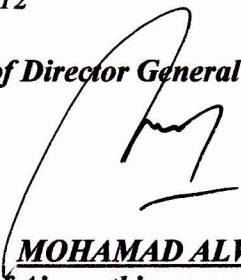
The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

This Certificate and supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by Director General of Civil Aviation.

Date of application : September 21, 2011.

Date of issuance : April 30, 2012

On Behalf of Director General of Civil Aviation


MOHAMAD ALWI

Acting Director of Airworthiness and Aircraft Operation

Note: The issuance of this Supplement Type Certificate (Validation) is based on the FAA Supplemental Type Certificate No. SH1281SO, dated February 1, 2011.

УКРАЇНА

ДЕРЖАВНА АВІАЦІЙНА
СЛУЖБА УКРАЇНИ



UKRAINE

STATE AVIATION
ADMINISTRATION OF UKRAINE

Додатковий Сертифікат типу

Supplemental Type Certificate

№ ДПВ – 0020

№ DTV – 0020

Цей сертифікат, виданий
This Certificate issued to

Bell Helicopter Textron, Inc.
441 Industrial Park Rd.
Piney Flats, Tennessee, USA 37686

засвідчує, що зміна типової конструкції виробу, який вказаний нижче, із зазначеними обмеженнями та умовами, відповідає вимогам відповідного сертифікаційного базису та вимогам з охорони навколишнього середовища у разі експлуатації виробу у межах умов та обмежень, що вказані нижче:

certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable certification basis and environmental protection requirements when operated within the conditions and limitations specified below:

Основний виріб / Номер Сертифіката типу:
Original Product / Type Certificate Number:

Bell 407 / TB 0010

Розроблено
Make

Bell Helicopter Textron Canada Limited

Модель
Model

Bell 407

Опис зміни типової конструкції:

Description of Type Design Change:

Встановлення східця для технічного обслуговування згідно з Bell Helicopter, Inc. Drawing List Report No. KR-154, видання T, від 17.08.2012 або пізнішого видання, що схвалене FAA.

Installation of a maintenance step in accordance with Bell Helicopter, Inc Drawing List Report No. KR-154, revision T, dated 17.08.2012, or later FAA approved revisions.

Обмеження та умови:

Limitations and Conditions:

Обмеження та умови експлуатації вертольотів типу Bell 407 з встановленим східцем для технічного обслуговування визначені у Додатку до цього Сертифіката.

Operation limitation and conditions for Bell 407 helicopter with the maintenance step installed are determined in the Addendum to this Certificate.

Дія цього сертифіката та супровідних матеріалів, які є підставою для схвалення та становлять невід'ємну частину сертифіката, не обмежена часом і може бути тимчасово припиненою чи скасованою Державною авіаційною службою України у випадках, які передбачені законодавством України.

This certificate and the supporting data which is basis for approval shall remain in effect until suspend or termination date is otherwise established by the State Aviation Administration of Ukraine in cases which are stipulated by the legislation of Ukraine.

Дата подачі заявки (дд.мм.рр.)

06.06.12

Date of application (dd.mm.yy)

Дата перевидання (дд.мм.рр.)

Date of reissue (dd.mm.yy)

Дата видання (дд.мм.рр.)

22.02.13

Date of issue (dd.mm.yy)

Дата доповнення (дд.мм.рр.)

Date of amendment (dd.mm.yy)

Заступник Голови

Deputy Chairman

Е. Дьомін

E. Domin

АА №012602

Додаток до
Додаткового Сертифіката типу
Addendum to Supplemental Type Certificate

№ ДПІВ – 0020

№ DTV – 0020

Обмеження та умови:

Limitations and Conditions:

1) Конструкторська документація, що визначає конструкцію модифікації: Drawing List, Report No. KR-154, Revision T, dated 17.08.2012, or later FAA approved revisions.
1) Modification Type Design Definition:

2) Обмеження та умови експлуатації вертольота типу Bell 407 з встановленим східцем для технічного обслуговування визначені в Додатках до експлуатаційної документації:

2) Operation limitation and conditions for Bell 407 helicopter with installed maintenance step are determined in the Supplements to operation and maintenance documentation:

Додаток до Керівництва з льотної експлуатації: Не застосовується

Rotorcraft Flight Manual Supplement: N/A

Додаток до Інструкції з підтримання льотної придатності: Не застосовується

Instructions for Continued Airworthiness Supplement: N/A

3) Це схвалення застосовується тільки для типу/моделі авіаційної техніки, яка зазначена в цьому Додатковому Сертифікаті типу (STC). Перед тим, як виконати цю модифікацію, повинно бути встановлено, що взаємовплив між цією зміною та будь-якою іншою впровадженою модифікацією(и) не буде несприятливо впливати на льотну придатність модифікованого виробу.

3) This approval is only applicable to the type/model of aeronautical product specified in this STC. Prior to incorporating this modification must be established that interrelationship between this change and any other modification(s) incorporated will not adversely affect the airworthiness of the modified product.

Перелік вертольотів, на які розповсюджується дія цього Сертифіката

List of helicopters eligible:

вертольоти Bell 407, що модифіковані згідно з умовами FAA STC № SH1281SO.

Bell 407 helicopters, modified in accordance with FAA STC No. SH1281SO.

Дата видання (дд.мм.рр.)

Date of issuance (dd.mm.yy)

22.02.13

Дата перевидання (дд.мм.рр.)

Date of reissue (dd.mm.yy)

–

Дата доповнення (дд.мм.рр.)

Date of amendment (dd.mm.yy)

–

**Начальник управління сертифікації
типу авіаційної техніки**

Head of Aeronautical Product
Type Certification Department

С. Гайденко

S. Haydenko