

AERONAUTICAL ACCESSORIES, INC.

P.O. BOX 3689

BRISTOL, TENNESSEE 37625-3689

TELEPHONE: 423-538-5151

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INSTALLATION INSTRUCTIONS

LOCKING FUEL CAP

P/N 206-701-201/-211/-215/-216

for

Bell 206A, B, L, L-1, L-3, L-4 Model Helicopters

and

P/N 206-281-001

for

Bell 206A, B, L, L-1, L-3, L-4 Model Helicopters

Bell OH-58 Model Helicopters

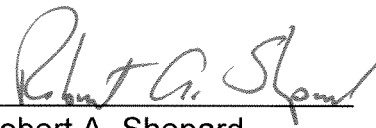
Report No. AA-94087

Revision J

June 7, 2000

LOG OF REVISIONS

REV.	DATE	DESCRIPTION	EFFECTED PAGES
-	11/23/94	Original Release	ALL
A	9/1/95	Revised: I, II, Parts List Deleted: III	2,5 2
B	11/15/95	Revised: 5, Parts List	2,5
C	11/30/95	Revised: Parts List Added: -203,-100 Hardware Kit	5 1,2,5,6
D	12/5/95	Revised: Cover page, Section II: 2 & 5	1,2
E	4/1/96	Revised: Parts List Added: -205	5 1-2
F	6/27/96	Revised: Figure 1	3
G	10/23/97	Revised: Parts List Deleted: -203	5-6 1,2,5
H	1/30/98	Revised: Section 2.0, Figure 2, Parts List Added: Log Of Revisions, Section 1.0 Deleted: -205/-140/180/-240, Figure 2	4,5,5,6 2,3 1-2,5
I	9/10/99	Revised Model Effectivity	All
J	6/7/00	Revised Washer callout	4,6

Approved by: 

Robert A. Shepard
FAA DERY-510363-CE
(Structures)

These instructions contain the information necessary to install the following **AERONAUTICAL ACCESSORIES, INC. Locking Fuel Cap Kits** on Bell Helicopters:

DESCRIPTION	PART NUMBER	MODEL EFFECTIVITY
Locking Fuel Cap	(206-701-201)	Bell 206A,B,L,L-1,L-3,L-4
Locking Fuel Cap with Handle	(206-701-211)	Bell 206A,B,L,L-1,L-3,L-4
Locking Fuel Cap with Hinge	(206-701-215)	Bell 206A and 206B thru S/N 3566
Locking Fuel Cap with Hinge	(206-701-216)	Bell 206B S/N 3567 and Subsequent, Bell 206L, L-1,L-3, L-4
Locking Fuel Cap Assembly	(206-281-001)	Bell 206A & 206B with Range Extender®, Bell 206L, L-1 with LongRange Extender™. Bell OH-58 with Range Extender®

These instructions are FAA approved under STC No. SR00095AT and STC No. SR01451AT.

1.0 INSTALLATION OF LOCKING FUEL CAP (206-701-201/-211 & 206-281-001)

- 1.1 Disconnect safety chain/lanyard from old fuel cap, if applicable.
- 1.2 Remove old fuel cap.
- 1.3 Connect safety chain to new fuel cap, if applicable, and install cap into fuel inlet.
- 1.4 Weight and balance information: **No Change**
- 1.5 Installation complete.

2.0 INSTALLATION OF LOCKING FUEL CAP WITH HINGE (206-701-215/-216)

- 2.1 Disconnect safety chain from old fuel cap, if applicable.
- 2.2 Remove and retain the two fuel cell retention ring screws appropriate for the hinge location on your model of helicopter as shown in Figure 1. (This process will loosen the old fuel cap hinge, if applicable.)
- 2.3 Remove the old fuel cap and install the Locking Fuel Cap with Hinge (206-701-215/-216) into the fuel inlet, aligning the holes in the loose end of the hinge with the appropriate retention ring holes.

NOTE

When installing the Locking Fuel Cap, the key must be removed from the lock to twist the handle to the open position.

- 2.4 Reinstall the retention ring screws removed in step 2.2.

CAUTION

For 206 B-3 S/N 3567 and subsequent, and 206L, L-1, L-3, L-4 models it may be necessary to add a washer (NAS1149C0463R) on the bolt between the hinge and the retention ring to fill a void on some model rings created by the hinge body. Failure to add washer during installation may allow damage to hinge during tightening of bolts.

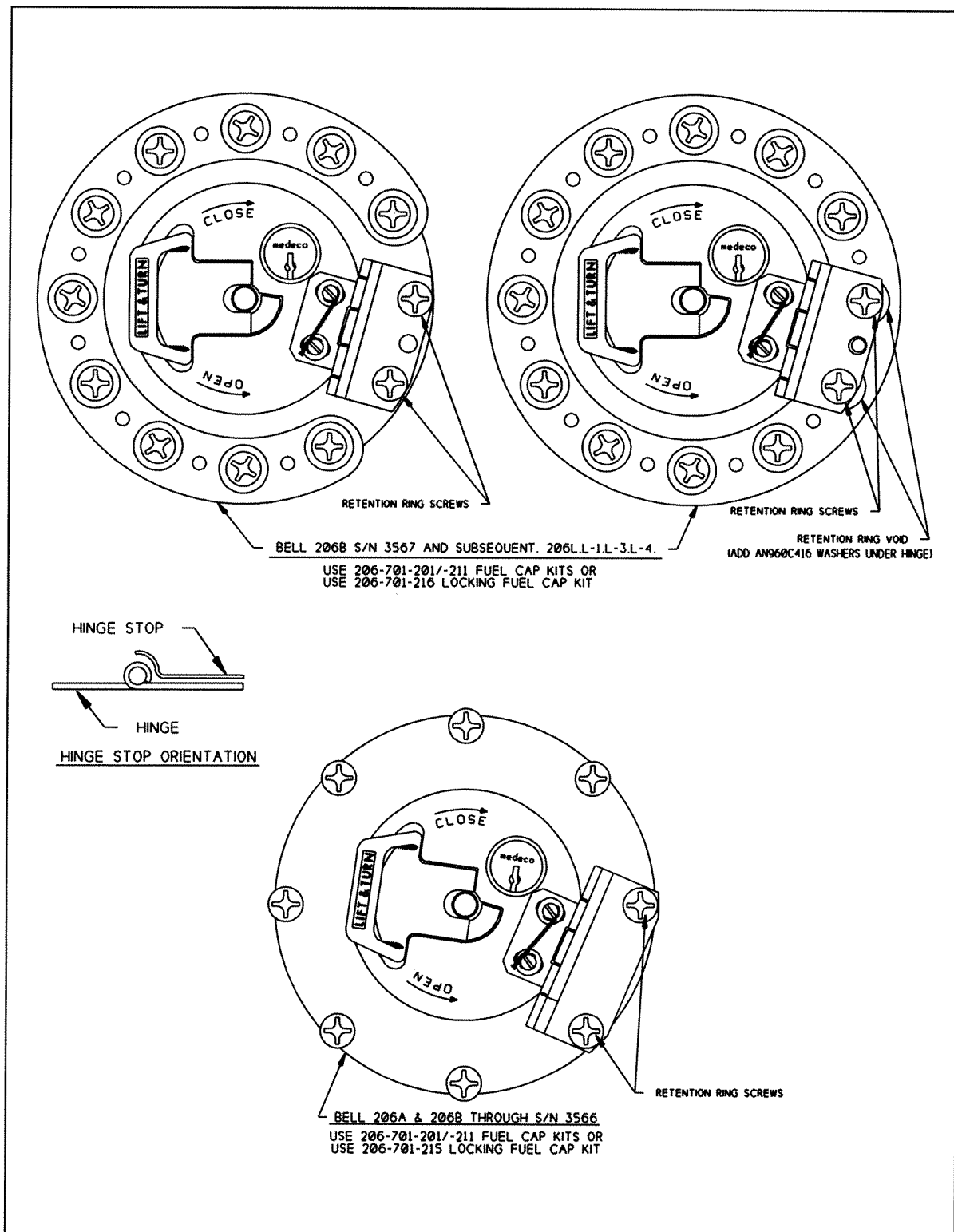
OPTIONAL

Locate Hinge Stop on top of loose hinge and install ring bolts through hinge as shown in Figure 1. This will keep the Fuel Cap from contacting the fuselage when open.

Torque Screws to 50 ± 5 in-lb.

- 2.5 Weight and balance information: **No Change**
- 2.6 Installation complete.

FIGURE 1



**INSTALLATION INSTRUCTIONS
LOCKING FUEL CAP ASSEMBLY**

PARTS LIST

**LOCKING FUEL CAP ASSEMBLY
P/N 206-701 & 206-281**

Qty.	Part Number	Description
—	206-701-201	Locking Fuel Cap Assembly (Standard)
—	206-701-211	Locking Fuel Cap Assembly (with Handle)
—	206-281-001	Locking Fuel Cap Assembly (Range Extender® or LongRangeExtender™)

NOTE: Each P/N 206-701-201, 206-701-211 & 206-281-001 Locking Fuel Cap Assembly includes 3 P/N 206-701-009 Keys.

**LOCKING FUEL CAP WITH HINGE
P/N 206-701**

Qty.	Part Number	Description
—	206-701-215	Locking Fuel Cap With Hinge
—	206-701-216	Locking Fuel Cap With Hinge

NOTE: Each P/N 206-701-215 & 206-701-216 includes the following:

	-215 Qty.	-216 Qty.	Part Number	Description
—	3	3	206-701-009	Key
—	2	2	NAS1149C0463R Alt.: AN960C416	Washer
—	1		206-702-129	Hinge Stop
—		1	206-702-131	Hinge Stop

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

Number SR01451AT

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 therefor as specified hereon meets the airworthiness requirements of Part 21.25 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number : R00006DE; H22NM; R00002LA
Make : Rotorcraft Development Corporation
Model : OH-58A, OH-58A+, OH-58C

Description of Type Design Change:

Manufacture of Range Extender in accordance with Aeronautical Accessories, Inc. Report No. AA-96211, no revision, dated December 20, 1996 or later FAA approved revisions and installation per Report No. AA-95021, Revision F, dated December 19, 1996, or later FAA approved revisions.

Limitations and Conditions:

FAA approved Operator's Manual Supplement, dated August 14, 1997, is a required part of this approval. 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 : November 18, 1996

Date reissued : July 25, 2011

Date of issuance : August 14, 1997

Date amended : September 24, 1997;
August 16, 1999



By direction of the Administrator

(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 the 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 & street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (In ink): _____

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

Number SR00095AT

This certificate, issued to Aeronautical Accessories, Inc.
P. O. Box 36389
Bristol, TN 37625

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, Inc.
Model: 206A, B, L, L-1, L-3, L-4

Description of Type Design Change:

Replace existing door locks and fuel caps with new door locks and locking fuel caps in accordance with Aeronautical Accessories, Inc. Installation Instructions, Report No. AA-92103, Rev. B, dated November 23, 1994, and Report No. AA-94087, N/C, dated November 23, 1994, respectively, or later FAA Approved revisions.

Limitations and Conditions:

The approval of this change in type design is restricted to the helicopters identified above only. Aircraft which have previously approved modifications shall not be modified by this STC, unless it is determined that the interrelationship between this change and any previously approved modification will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this STC must be included in the permanent records of each helicopter when it is modified in accordance with this STC.

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 19, 1992

Date issued:

Date of issuance: February 3, 1993

Date amended: January 4, 1995



By direction of the Administrator

Roger D. Anderson

Roger D. Anderson (Signature)

Manager, Atlanta Aircraft

Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.



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 2001S04-05
(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 37625-3689

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)

(Original Product - Type Certificate No:)

Fabricante: Bell Helicopter Textron, Inc.
(Manufacturer:)

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

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

Replace existing door locks and fuel caps with new door locks and locking fuel caps in accordance with Aeronautical Accessories, Inc. Drawing List Report No. AA-92102, Rev. B, dated 24 APR 1998, or later approved revisions.

This CHST validates in Brazil the STC # SR00095AT, issued by FAA (USA).

LIMITAÇÕES E CONDIÇÕES:
(Limitations and Conditions:)

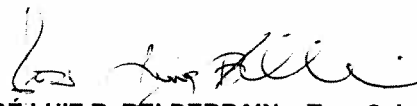
See continuation sheet for applicable data.

DATAS:
(Dates of:)

Do Requerimento: 03 JAN 2001
(Application:)

Da emissão: 09 APR 2001
(Issue:)

Da reemissão:
(Reissue:)


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


JOSÉ CARLOS ARGOLO - 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 2001S04-05
(Number)

LIMITAÇÕES E CONDIÇÕES:
(Limitations and Conditions:)

- I. The approval of this type design change 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 shall be maintained as part of the permanent records for the modified aircraft.

-----END-----



Transport Canada
Ontario Region

Transports Canada
Region de l'Ontario

Your file #

Aircraft Certification
4900 Yonge Street, Suite 300 (PAI)
North York, ON M2N 6A5

Our file # PAI
5010-O-07-0562
& O-07-0563

August 1, 2007

Aeronautical Accessories, Inc.
P. O. Box 36389
Bristol, TN 37625 USA

Subject: **Acceptance of Foreign STC SH5773SW & SR00095AT**

To Whom It May Concern:

In accordance with our current policy associated with the review of foreign STCs, some STCs applicable to certain categories of aircraft may be accepted solely on the basis of their foreign certification, and do not require the issue of a corresponding certificate by Transport Canada. The subject STC falls within these criteria.

These STC's will be entered in the national index of STCs that have been reviewed and accepted by Transport Canada for installation on Canadian-registered aeronautical products.

This letter confirms formal acceptance of the referenced STC's by Transport Canada.

Vladan Vujosevic, P. Eng.
Senior Engineer, Aircraft Certification
Transport Canada Civil Aviation, Ontario Region

Cc: Melvin Taylor, Manager FAA Atlanta Aircraft Certification Office
One Crown Center 895 Phoenix Blvd., Suite 450 Atlanta, GA 30349

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	SH1322SO	Bell 206L,L-1
Raingutter	SH1148SO	Bell 206A,B,L,L-1,L-3
Spacemaker	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

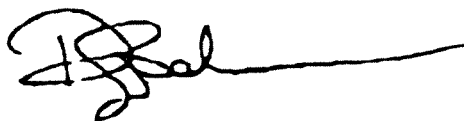
Issue 8 has been raised to include Replacement Door Locks and Locking Fuel Cap

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