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US Departmen of Transportati		(Airfr		Powerplant, F									For FAA Use Only	
Federal Aviat Administratio	on n	•	•		-									
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									70508		156 Country USA			
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FAA	Form	337	(10-06)
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

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Repair of Aft Lower Shell Assembly Part Nomenclature: Lower Shell Assy. Part Number: Work performed: Repair # PHI-206L-RP-0207, Revision IR: Cut out the damaged area of RH as required near Station 124.00. Fabricated & installed 1 each inner & outer each prebond aluminum frame splice doubler using materials noted in repair Repair # PHI-206L-RP-0208, Revision IR: Cut out the damaged area of LH as required at near Station 124.00. Fabricated & installed 1 each inner & outer as required at near Station 124.00. Fabricated & installed 1 each inner & outer 1 each prebond aluminum frame splice doubler using materials noted in repair Structural repairs made according to the manufacturer's helicopters structura the size of these repairs exceeded the limits as specified in the manual. Approval received for these repairs according to data approved on FAA Form	206-033-099-225	Lower Shell Assembly		
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By DER: <u>Roland M. Howard, Jr.</u> Designation Number: <u>DERT-71013</u>	34-SW	tion Number: <u>DERT-7101</u>	Howard, Jr. Designation	By DER: <u>Roland M.</u>
Dated: 11-9-2011 8110-3 Serial Number: 1111-36		erial Number: <u>1111-36</u>	_ 8110-3 Ser	Dated: <u>11-9-2011</u>
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FAA Form 337 (10-06)

Additional Sheets Are Attached

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STATEMENT OF	F COMPL		IRWORTHINES		NÖV 9 2011		
2. Make	Aircr 3. Model		omponent Identil	ication ne, Radio, Helicopter, etc.) 5. Name of Applic		
BELL HELICOPTER TEXT		INU.		ne, Naulo, Helicopter, etc.) 5. Name of Applic		
CANADA LIMITED		206L-3		HELICOPTER	PHI, INC.		
		· · · · · · · · · · · · · · · · · · ·	LIST OF DATA				
6. Identification				7. Title			
DOC. PHI-206L-RP-0 REV. IR, 11-01-11)207, -	206-033-099-2	25 (DAMAGED I	FT LOWER SHELL ASSE RH OUTER & INNER FRA PTER, ACFT S/N: 51506			
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RPT. PHI-206L-SA-0 REV. IR, 11-08-11	100,			R REPAIR PROCEDURES /H INNER/OUTER FRAME			
			STRUCTURAL	APPROVAL ONLY			
			only for Bell Mo	del 206L-3, S/N 51506.			
	 Notes: 1. This approval is for design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph listed below as "Applicable Requirements." 2. This form constitutes FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the repairs as specified in the above data. 						
			EPAIRS FOR S/ RENGINEERING	N 51506. DESIGN DATA ONLY.			
9. Applicable Require							
27.603(a)(b In accordar basis per Tr	o)(c), 27.6 nce with in CDS H2S	605(a), 27.607(b nitial release of <i>*</i> SW (CAR 6).), 27.609(a)(b), 2 14 CFR Part 27,	27.307(a), 27.337(a), 27.6 27.613(a)(b)(c)(d), 27.625(exceeding the original cert	a)(c). tification		
10. CERTIFICATION and limitations of app	- under a pointmen examined	uthority vested t t under 14 CFR d in accordance	Part 183, data li with the establis	e Administrator and in acco sted above and on attache ned procedures and found	ed sheets numbered		
] Recommend] Approve these	approval of these e data	e data			
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11. Signature(s) of De	esignated	_ ··			· · · · · · · · · · · · · · · · · · ·		

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			mponent Identifi							
2. Make	3. Model	No.	Type (Airplai	ne, Radio, Helicopter, etc.)	5. Na	ame of Applicant				
BELL HELICOPTER TE	XTRON									
CANADA LIMITED	<u> </u>	206L-3		HELICOPTER		PHI, INC.				
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6. Identification				7. Title	<u> </u>					
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RPT. PHI-206L-SA- REV. IR, 11-08-11	-0100,			REPAIR PROCEDURES H INNER/OUTER FRAME						
	STRUCTURAL APPROVAL ONLY									
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8. Purpose of Data			EPAIRS FOR S/	N 51506						
				DESIGN DATA ONLY.						
9. Applicable Requ										
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and limitations of a	ppointmen	t under 14 CFR	Part 183, data li	sted above and on attache	d sheets nu	Imbered				
(none) have been	n examined	in accordance	with the establish	ed procedures and found	to comply w	vith applicable				
requirements of the	Airworthine	ss Standards lis	ted.							
		-								
] Recommend a	approval of these	e data						
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		Approve these	e data							
				40 Designation Number-1	<u>`</u>	13. Classifications				
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Roland M. Howard,	л., ГС		PI MAI							
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FAA Form 8110-3

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US Department of Transportation Federal Aviation Administratio	n	rframe, Pov		-	-						For FAA Use Only
for instruc	tions and di	t or type all enti sposition of thi violation (49 U.3	s fo	m. This repo	CFR ort is	§43 req	8.9, Part 4 uired by	l3 Appendix B, a law (49 U.S.C. §	nd AC 43.9- §44701). Fai	1 (or lure	subsequent revision thereof) to report can result in a civil
	Nationality	and Registration	//ark					Serial No.			
		N206FS							506		
1. Aircraft								Model			Series
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	Name (As	s shown on registra	uon (enilicale)							geline Thruway
2. Owner		PHI, Inc.						City La	afayette		State LA
								Zip <u>7(</u>	0508-215	©ои	ntry <u>USA</u>
					3.	For	FAA Use	e Only			
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4. T	уре						5. l	Jnit Identificatio	n		
Repair	Alteration	Unit		Make				Mc	del		Serial No.
		AIRFRAME		(As descri				(As described ir	n Item 1 abov	ve)	
		POWERPLAN	IT								
		PROPELLER									
		APPLIANCE		Туре							
				Manufacture	er						
				L	6. C	onf	ormity St	atement			
A. Agency	s Name and					Kind	of Agenc	;y		 1	
Name Address		COMPOSITES		ROAD				ated Mechanic ificated Mechanic		CC	Manufacturer
Address City	LAFAYET		tate	LA	x			pair Station			6 B1H2300N Limited Airframe
Zip	70507		.S.A	•				ntenance Organiz	ation	Lim	ited Specialized Services
have l furnisl	been made ir ned herein is		h the to ti	e requirements ne best of my l	s of F know	Part 4 ledg	13 of the l e.	J.S. Federal Aviati			verse or attachments hereto d that the information
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BY	FAA Flt. Inspecto	Standards or		Manufacture	ər		Mainter	ance Organizatio	on		Persons Approved by Canadian Department of Transport
	FAA De	signee	Х	Repair Stati	on		Inspecti	on Authorization	c	Dther	(Specify)
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Designatio				ANT McDAN		/	1 1/1	Light			

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N206FS Nationality and Registration Mark Date

12-05-2011

NOMENCLATURE: AUX FIN **ORIGINAL PART NUMBER: 206-023-126-101** UPGRADED TO PART NUMBER: 206-023-126-111 SERIAL NUMBER: WORK ORDER NUMBER: W153022AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-020, REVISION C, DATED 11/4/08 AND UPGRADED IN ACCORDANCE WITH OVERHAUL PROCEDURE PHI-450-OP-050 DATED 10/15/02, REVISION E.

END	

Additional Sheets are Attached

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	2		_							Form Approved OMB No. 2120-0 11/30/2007	Electronic Tracking Nun	nber
		rtment ortation							ŀ	1//30/2007	For FAA Use Only	
Fed		viation	(Airtra	ime, P	owerplant,	Pro	peller, or	Appliance)				
Inst	ructior	TIONS: Prints and disposition. (49 U.S	sition of thi	s form. I	See Title 14 CF his report is req	R 43 uired	Sec.43.9, Part by law (49 U.S	43 Appendix B, a .C. Sec. 44701).	and AC 4 Failure t	43.9-1 (or sul to report can	bsequent revision there result in a civil penalty	eof) for for each
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]		AIRFRA	ME	~~~~	~~~	(As described in Ite		in Item	1 above)	~~~~~	~~~~
]		POWER	PLANT	Rolls	Roy	yce	2	50 C	30	CAE-895237 CAG-95026	
]		PROPEI	LER								
	1		APPLIA		Туре							
	L L				Manufacturer							
	l					6. C	onformity St	atement				
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City	Ric	hmond X 2P9	· · · · · · · · · · · · · · · · · · ·	State Canada	BC		Certificate	d Repair Station			39-87	
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furn	nished	herein is tru	ue and col	rrect to th	e best of my k	nowle	edge.	.5. receral Aviat	ion Reg	gulations and	that the information	
	CFR	nge fuel Part 43		Signatu	Ire/Date of Aut J. Gustafs		ed Individual		1	(4.5)	05/Oct/2009	
		•		J	7. A	pprov	al for Return	To Service	\sim			
Pursu	ant to	the authorit	y given pe	ersons sp		the u	nit identified in	n item 5 was insp		in the manne	er prescribed by the	
		A Flt. Stand		1			X APPROV	·····	CTED			
зү 🗕		pector		Manufa	cturer	Ma	iintenance Or	ganization		epartment c	oved by Canadian f Transport	
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-		39-87	7		J. Gustafso	on				$\begin{pmatrix} H-S\\ g \end{pmatrix}$	05/Oct/2009	
FAA F	orm	337 (10-06)						Y22				

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

		N206F5	1-31-10
Description Rolls F	Royce 250 Gearbox	Nationality and Registration Mark Housing	Date
P/N 23	3064603, S/N PC19	837	
1. Repaired ID Plate Mour	nting Hole By Installing	A Plug IAW 14W3 72-00-00 Page 402 Ite	m 1K, PRPL 1-11
And LDA:CNA1233-GD 2. Final Inspection.	DS-1003.		
All Records of Work Perform		Work Order 58553.	
No Further Statements to F			
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	<i>i</i> .		

U.S. Depart of Transport Federal Avi Administrat	ation ation ion	(Airfran	ne, Po	REPAIR A owerplant,	Prop	peller	, or A	ppliance)	Form Appro OMB No. 21 11/30/2007	20-0020	For FAA Use Only
instructions such violati	and disposi	itlon of this	form, Th	his report is requ	r 43 5 Jired b	5ec.43.8 by law (4	9, Part 4 49 U.S.(C. Sec. 44701). Fi	ailure to report (can re:	sult in a civil penalty for each
1. Aircraft		ality and Re 230 PH	gistratio	n Mark	÷			Serial No.	506	TSerie	
·		3+11					_	206		•	L-3
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					3.	For FA	A Use	Only			
4. Ty	pe				5.	Unit Id	lentific	ation			·
Repair	Alteration	Unit		Mal	ke			Moo	lel		Serial No.
		AIRFRAM	ΛE				~	(As described i	n Item 1 above	9	~~~~~~~~~
X		POWER	PLANT	Rolls	s Roy	Royce		25	50 C30P		CAE-895141 CAC-90401
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	Tool & Par 0-2560 Sim		1		X			rtificated Mechanic	nic		ertificate No.
city Ric	nmond 2P9	· · · · · ·	State Canada	BC	Ē	Cert	tificated	I Repair Station I Maintenance O			39-87
D. certify th have been	n made in a	ccordance	with the		ofPa	identifie art 43 of	ed in ite	m 5 above and c	lescribed on th		erse or attachments hereto that the information
Extended rai per 14 CFR App. B			Signati	ure/Date of Aut C. Trsek	thorize	ed Indix	¢idual-	My (H	s		05/Mar/2012
					the u	init iden				anner	prescribed by the
- FA	A Fit. Stand pector		Manufa	····				ganization	✓ Persons	Appro ent of	oved by Canadian Transport
	A Designee		Repair	Station	Ins	spection	n Autho	rization	Other (Speci	fy)	<u></u>
Certificate or Designation		7	Signati	ure/Date of Aut C. Trsek	thorize	ed Indiv	vidual	H-1 7	S		05/Mar/2012

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

3. Description of Work Accomplis (If more space is required, attack	hed additional sheets. Identify with ain	craft nationality and re	gistration mark an	d date work compl	eted.)
		N230PH		9-30-13	
		Nationality and Re	egistration Mark	Date	
	byce 250 Shroud Housing 61906, S/N ER11199	3			
2. Machined Aft Flange Pilo	ge And Pilot Diameter IAW 14 t Diameter IAW 14W3 72-00- IAW 14W3 72-30-00 Table 3 AW 14W3 72-00-00.	00.	le 302.		
 Applied AI Seal On Conto NDT (FPI) IAW 14W3 72- 	e And Pilot Diameter IAW 14 our IAW 14W3 72-30-00 Table -00-000.	W3 72-00-00. ∋ 302.			
	ed Are On File Under Work C	rder 65418.			
No Further Statements to Fol	low.				
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	Addition	al Sheets Are Attach	ed		
AA Form 337 (10-06)			:		

U.S. Dep	artment	MAJO	R REPAIR AN	ID AI	TERAT	ION	Form Appro OMB No. 2* 11/30/2007	20-0020	Electronic Tracking Number
of Transp Federal / Administ	ortation Aviation		owerplant, P			- +	.		For FAA Use Only
1 11010000		t or type all entries sition of this form. S.C. Sec. 46301(a))	i nis rebon is rednir	43 Sec red by I	c.43.9, Part law (49 U.S	43 Appendix B, and .C. Sec. 44701). Fail	AC 43.9-1 (or ure to report of	subse can res	quent revision thereof) ult in a civil penalty for
.	Nation	ality and Registrat	ion Mark			Serial No.			
1. Aircraf	t	AZO	06 FS				5150	6	
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2. Owner	0						Jeffe	177~	State
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Repair	Alteration	Unit	Make			Model			Serial No.
		AIRFRAME							
		AIRFRANC	~~~~~	~~~~	~~	(As described in I	tem 1 above,	·	~~~~~~~~
⊠.		POWERPLANT	Rolls F	Royce	na te set diji	·····	C30 P		CAE-895237 AC-90172
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		APPLIANCE	Type Manufacturer						
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City Ric	chmond X 2P9	State			Certificated	Repair Station	9	J. UCI	39-87
D. I certify ti have bee	hat the repai	r and/or alteration	made to the unit(e requirements of	s) ider Part 4	tified in ite 3 of the U	l Maintenance Orga m 5 above and deso S. Federal Aviation	cribed on the	rever:	
furnished Extended ra per 14 CFR App. B	inge fuel		he best of my kno ure/Date of Autho J. Gustafson	rized I	€.	/ /	(H.S)	· · · · ·	7/May/2009
		<u> </u>	7. App	roval f	or Return	To Service	\rightarrow		
Pursuant to Administrate	the authority or of the Fed	y given persons s leral Aviation Adm	pecified below, the	e unit i	dentified in APPROVI	item 5 was inspect	ed in the ma	nner p	rescribed by the
	A Flt. Standa	ards Manufa			enance Org	·····		pprovent of Ti	ed by Canadian ansport
FA	A Designee	Repair	Station	Inspec	tion Autho	ization Ot	her (Specify		
Certificate or Designation		Signatu	ire/Date of Author	ized In	dividual		H.S		

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

NOTICE

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) Nationality and Registration Mark Date Description: Rolls Royce 250 Shroud Housing P/N 23063398, S/N MK15998 1. Plasma Sprayed Aft Flange And Pilot Diameter IAW 14W3 72-30-00 Page 306 And PRPL 1-2 Item 18. 2. Machined Bleed Slot IAW CEB 72-3200. 3. Complied IAW CEB 72-3224 And Reidentified To P/N 23063398. 4. Final Machined Aft Flange & Pilot Diameter IAW 14W3 72-00-00 Page 402 Paragraph 1A. 5. Plasma Sprayed Forward Flange And Pilot Diameter IAW 14W3 72-00-00 Page 402 Paragraph K And PRPL 1-3 Item 18. 6. Final Machined Forward Flange And Pilot Diameter IAW 14W3 72-00-00 Page 401 Paragraph 1A. 7. NDT (FPI) IAW 14W3 72-00-00 Page 310 Item 2B. 8. Final Inspection. All Records of Work Performed Are On File Under Work Order 56679. No Further Statements to Follow. Additional Sheets Are Attached

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US Department of Transportation Federal Aviation	n			ND ALTERATI Propeller, or Ap		;)	F	roved . 2120-0020 or FAA Use C ntification	Dnly
and disposit	tion of this form. T	e all entries. See FA his report is require on 901 Federal Avia	d by la	FAR 43 Appendix B, a w (49 U.S.C. 1421). Fa ct of 1958).	ind AC 43 allure to re	.9-1 (or subseque port can result in	nt revision a civil pena	thereof) for ir alty not to exc	eed \$1,000
1. Aircraft	Make Bell Serial No.				Model National	206L-3 ity and Registrati	on Mark	·	
· . 2. Owner	1)6 m on registration ce et Credit Cor			Address	N206FS (As shown on re 111 Westmi Providence	nster S	Street	
		·····		3. For FAA Use Or	nly			······	
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A. Agency's Na	ame and Address		·	6. Conformity Statem B. Kind of Agency	ient		C. Certi	ficate No.	
P.O. Box Lafayette	e, LA 70509)		U.S. Certificated Foreign Certifica X Certificated Repu Manufacturer	ited Mecha air Station		& ACCH RADIO CRS NO	AME, POWE ESSORIES CLASS 1,). HEER61	LIMITED 2, & 3 7E
furnished	i made in accorda	or alteration made to ince with the require correct to the best	ements	nit(s) identified in item s of Part 43 of the U.S knowledge.	4 above a . Federal .	nd described on t Aviation Regulation	he reverse ons and th	or attachmen at the informa	ts hereto Ition
Date	., 20 9.			Signature of Author		vidual	SCHNEID	ER	
<u> </u>	29-41		7. Ar	proval for Return To	Service				
Pursuant to t Administrator	he authority give of the Federal Av	n persons specified viation Administratio	d belo	w, the unit identified	in item 4	was inspected in	the man	ner prescribed	d by the
SY FAA Inspe	Flt. Standards	Manufacturer		Inspection Authorizat		Other (Specify)			
	Designee X	Repair Station		Person Approved by Canada Airworthiness	Group				
Date of App <i>r</i> ova	l or Rejection	Certificate or Designation No.		Signature of Authori	zed Indivi	dual			
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FAA Form 337 (12-88)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the . applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed aft cabin floor cargo restraint kit. See PHI drawing #206L-523.

19 (A)

Restraints are flame resistant and meet AC43.13-2A Para. 242C and FAR 25.853 (b2).

Structural attachment and fittings are of the approved type. AC43.13-2A Para. 244.

Load tested according to AC43.13-2A Para. 245 and 246B.

Restraints placard for 100 lbs. max., according 43.13-2A Para. 247A.

Weight and balance computed.

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	_	Make Bell		<u>.</u>				Model	206I	3			<u>_</u>
1. Aire	craft	Serial No. 515	506				5- 1	Nationa N206F		and Registration I	Mark		
2. Ow	ner	Name (As sho Petroleum F		on registration cert o pters, Inc.	ificate)			2001 S	E Ev	s shown on regis vangeline Thruv LA 70508-2156		ertificate)	
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l	Unit		Ma	ike			Model	·		Serial No).	Repair	Alteratio
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	um Henco ox 90808	pters, Inc.				\vdash	U.S. Certificated				A 1	HEER617I ame, Powerpl	
Lafayet	te, LA 70:	509				×	Foreign Certifica Certificated Rep					ccessories Lim	
						<u> </u>	Manufacturer				Ra	adio Class 1, 2	and 3
D. I	certify that	at the repair and/o	or altei	ation made to the unit	(s) identif	ied ir	item 4 above and	described	l on th	e reverse or attach	ments heret	o have been m	ade in
accorda	ance with	the requirements	of Pa	rt 43 of the U.S. Feder	al Aviatio	n Reg	gulations and that th	e informa	tion fi	urnished herin is true	e and correc	t to the best of r	ny knowledg
Date						Sig	nature of Author						
/	0 -	6-04				-	Tuna.			lanco	_		
Pursu	uant to th	e authority give	en pe Aviet	rsons specified be	low, the	e unit	t identified in item	4 was	insp	ected in the man	ner prescr	ibed by the	
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BY -	FAA	Designee	×	Repair Station	1-		son Approved b ada Airworthine						
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10	- 6	-04		HEER617E	2	~	Terrel 1	E. 7	N	lanco			

FAA Form 337 (12-88)

Electronic Version (Adobe)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) Structural Repair Aft Lower Shell Repair Part Nomenclature: Aft Lower Shell Part Number: 206-033-099-225 Repair Number: PHI-206L-RP-0096 Serial Number None Aft lower shell inner skin corroded at boost pump opening at station 130.94 and BL 0.00. Removed inner skin, stiffener and cut out damaged area. Installed 0.020 inch thick aluminum filler, 0.025 inch thick aluminum doubler, and a 3 ply fiberglass doubler. Secured using adheisive and rivets in accordance with repair PHI-206L-RP-0096 Rev. IR Structural repairs made according to the manufacturer's helicopters structural repair manual, except the size of some repairs exceeded the limits as specified in the manual. Approval received for these repairs according to data approved on FAA Form 8110-3 **Designation Number** By R. M. Howard Jr. **DERT-710134-SW** Serial Number Dated Sept. 30, 2004 0409-52 Weight and Balance Amended.

2									Form Appr OMB No.	oved 2120-0020	
US Department			JOR REPAIR					ŀ		or FAA Use C	Dniv
of Transportation Federal Aviation	•	ne,	Powerplant,	Prope	ller,	or Applian	ce)	-	Office Ider		
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	Make						Model 20	6L-3			
1. Aircraft	Serial No. 5150	6					Nationalit	y and Registration	Mark		
		-	n registration cer	tificato)		<u> </u>	N206FS	(As shown on reg	istration c	ertificate)	
2. Owner	Petroleum He			,			2001 SE	Evangeline Thru e, LA 70508-2150	iway		
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-	nat the repair and/or a					item 4 above and					
	n the requirements of	Part	43 of the U.S. Feder	ral Aviatio	-				ue and corre	ct to the best of i	my knowled
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	he authority given r of the Federal Av			elow, the	e unit		m 4 was in	spected in the ma	nner presc	ribed by the	· · · ·
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NOTICE

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8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

STC Installation

1. Installed Aluminum Entrance Steps in accordance with Aeronautical Accessories, Inc. STC SH1322SO.

Weight and Balance amended.

Additional Sheets Are Attached

				JOR REPAIR						OMB	oproved No. 2120-0		
US Depa of Trans Federal Adminis	portation Aviation	(Airf	ran	ne, Powerplan	it, Pro	ope	ller, or App	liance)	0		For FAA		
and disp	position of th	is form. T	his fo	entries. See FAR 4 orm is required by lat 1 Federal Aviation A	w (49 U	.s.c	Appendix B, a . 1421). Failure	nd AC 43.9-1 to report can	(or subseque result in a civ	ent rev vil pen	vision there alty not to	eof) for ins exceed \$	tructions 1,000
	Mak	e Bel	ll He	licopters				Model 20)6L-3				
1. Aircrat	ft Seri	al No. 515	506					Nationality a	nd Registrati 206FS	on Ma	rk		
2. Owner				n registration certific asing Company,					shown on re 211 AVE. o ew York, N	f the	America	s FL21	
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Date	08-	19-	H	200		Signa			N.A.	\mathcal{T}		V	
		••					Return to Servi			7—			
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8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

ANTENNA DOUBLER

LARSEN NMO LOW BAND INSTALLATION Aircraft Models 206L1, 206L3 Tail Boom P/N: <u>206-033-004-143</u> S/N: <u>51507</u>

Installed Antenna doubler on bottom inside surface of tailboom skin fuselage station 240 inches aft of datum. Doubler installed according to Petroleum Helicopters, Inc. drawing PHI-206-60307, latest revision.

Approval for this modification received on FAA Form 8110-3 Serial Number 2000-19, in support of repair station return to service. Data approved by DER Casey Dugas, Designation number DERY-750072-SW, dated June 1, 2000.

END

US Departmen of Transportati Federal Aviati Administratio	on ion			R REPAIR AND Powerplant, Pro	-)		Form A OMB N 11/30/2	o. 2120-002	20	lectronic Tracking Number
instructions		sition of thi	s form.										quent revision thereof) for in a civil penalty for each
	Nationalit N230	y and Reg	istratio	n Mark			Seria	I No. 51506	3				
1. Aircraft	Make			··· ,			Mode		,			Ser	ies
	Bell							206				l	L-3
			n regist	ration certificate)							<i>gistratior</i> eline Th		
2. Owner	PHI,	Inc.					City	Lafa	ayette				State LA
							Zip	7050	08-2156	5	Cou	Intry	USA
						3. For FAA Use	Only						
4. Ty		1				5. Unit Identific	ation						
4. Ty Repair	Alteration	Uni	+	Ma					Mod				Serial No.
			-			6	(4.5	donari			abovo)	+	
		AIRFRAN	۸E				(AS	aescri	bed in It	emite	above)		
		POWERF	PLANT									_	
		PROPEL	LER										
		APPLIAN	CE	Type Manufacturer									
		I		6	S. (Conformity Sta	tement						
A. Agency's I Name PHI,		ddress				B. Kind of Agen		honio					cturer
Name <u>PHI,</u> Address <u>P. O.</u>		3			$\left \right $	Foreign Cert			c		C. Cert		
city <u>Lafay</u>				State LA	Þ	Certificated							HEER617E
D. I certify have b	een made in	oair and/or accordanc	alterat ce with	ion made to the unit the requirements of o the best of my kno	P	art 43 of the U.S	em 5 ab	ove ar	nd desc	ribed o			e or attachments hereto ne information
Extended ran per 14 CFR F App. B	0		ľ	ature/Date of Authori				Te	ēmeli	kν	Ne (A	nc	NON 1/23/2012
				7. Ap	рı	roval for Retur							1 1
Administrat	tor of the Feo	deral Aviati		ons specified below ministration and is	/, T		fied in i			lejecte	d		nanner prescribed by the
	AA Flt. Stand spector	lards	Man	ufacturer		Maintenance O	rganizati	on	Othe		tment of		y Canadian sport
F4	AA Designee	X	Repa	air Station		Inspection Auth	orization	I					
	No. IEER617E 337 (10-06)			ature/Date of Authori				Ţ	erre h	it.	Me (4	lnc	on 1/23/2012

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Description of W (If more space is	lork Accomplished required, attach additional sheets.	Identify with aircraft nationality and regis	tration mark and date	e work completed.)
		N	230PH	1/23/2012
		Nationality an	d Registration Mark	Date
		Alteration		
	Installati	ion of Antenna Mount on Bat	tery Door	
	nd installed antenna mount o dated December 7, 2011.	n battery door in accordance with	Picture and Skete	ch PHI-206L-PS-0112,
Installation c	of Battery Door Safety Clip i	n accordance with Drawing PHI-2	06-60557, Revis	ion A, dated 12-16-11.
	nalysis Report for installation on IR, dated 12-16-2011.	n of a battery door antenna mount	is in accordance	with PHI-206L-SA-
Approval rec	ceived for this alteration on F	FAA Form 8110-3.		
By DER	Roland M. Howard, Jr. 12-28-2011	Designation Number 8110-3 Serial Number		710134-SW 2-68
Approval rec By DER	eived for this alteration on F Robert A. Williams	FAA Form 8110-3. Designation Number	DERT-	710526-SW
Dated _	1-23-2012	8110-3 Serial Number		one
Actual weig	ht and Balance performed.	END		

FAA Form 337 (10-06)

				1112-68
· · · · · · · · · · · · · · · · · · ·	U.S. Department of Transp	portation		1. Date
	Federal Aviation Adminis	tration		DEC 28 2011
STATEMENT O	F COMPLIANCE WITH AI	RWORTHINESS	STANDARDS	
	Aircraft or Aircraft Co	mponent Identific	ation e, Radio, Helicopter, etc.)	5. Name of Applicant
		4. Type (Airpiand	e, Radio, Helicopter, etc.)	o. Hame of Approvint
BELL HELICOPTER TEX	(TRON 206L-3		HELICOPTER	PHI, INC.
CANADA LIMITED	2001-0	LIST OF DATA		
6. Identification			7. Title	
DOC. PHI-206L-PS REV. IR, 12-07-11	-0112, PICTURE ON BATT	AND SKETCH D ERY DOOR IN BI	ATA FOR ANTENNA MOUN ELL MODEL 206L SERIES HI	INSTALLED ELICOPTER
DWG. PHI-206-605 REV. A, 12-16-11	 57, 206 BATT 	ERY DOOR SAF	ETY CLIP	
RPT. PHI-206L-SA- REV. IR, 12-16-11	DOOR AN	URAL ANALYSIS NTENNA MOUNT 206L-3 & 206L-4	REPORT FOR INSTALLATIO ON BELL HELICOPTER TEX HELICOPTERS	ON OF A BATTERY KTRON CANADA
		only for Bell Mod	del 206L-3, S/N 51506.	
	demonstrates listed below as 2. This form c	compliance only v "Applicable Requ onstitutes FAA ap of compliance to	ata only. It indicates the data with the regulations specified b uirements." proval of all the engineering on necessary requirements for th	lata necessary for
8. Purpose of Data	SUPPORT OF MAJOR A	UTERATIONS FO)R S/N 51506.	
	THIS APPROVAL IS FOL	RENGINEERING	DESIGN DATA ONLY.	
9 Applicable Reg	uirements (List specific sec	tions)		
14 CFR Section 27.603(a)(b)(c In accordance certification bat 10. CERTIFICATIO and limitations of (none) have bee	ons 27.301(a)(b)(c), 27.303)[16], 27.605(a)[16], 27.609 with 14 CFR Part 27 with asis per TCDS H2SW (CAP N - under authority vested	, 27.305(a), 27.30 9(a)(b), 27.613(a) amendments 27-1 <u>8 6). All are at am</u> by direction of the R Part 183, data li e with the establish	97(a)[3], 27.337(a), 27.561, 27 (b)(c)(d)[16], 27.625(a)(c). through 27-24, exceeding the dt. 27-0 unless noted as [*], y Administrator and in accord sted above and on attached s ned procedures and found to	e original vhere * is amdt. level. ance with the conditions sheets numbered
	Recommend	approval of these	e data	
I (We) Therefore	X Approve the			
11 Signature(s) of	Designated Engineering R	epresentatives	12. Designation Number(s)	13. Classifications
Roland M. Howard,	Vola VI	, Harrand.	DERT-710134-SW	Structures
		U		

	U.S. DEPARTMENT OF TRA			1. DATE
STATEMEN	FEDERAL AVIATION ADM	WITH AIRWORTHINESS		23 January, 2012
017112	STANDAR	DS		
	AIRCRAFT OR AI	RCRAFT COMPONENT IDENTIFIC.	ATION	
2. MAKE	3. MODEL NO.	4. TYPE (Airplane, Radio, Helicopter	5. NAME	OF APPLICANT
		,etc.)	PHI, I	nc
Bell Helicopter Textron	206L-3	Helicopter		Box 90808
Canada Limited	2001-5	Tiencopier		ette, LA 70509
	l	LIST OF DATA	Durug	
	1	7. TITLE		
6. IDENTIFICATION	Company Elight Te	st Plan and Results for Battery D	oor Ant	enna Mount Provisions on
Report: PHI-206L-TP-0009 Rev A, Date: 23 Jan, 2012	Bell Helicopter Heli	copter Textron Canada Limited N END OF DATA	fodel 20)6L-3 & 206L-4 Helicopters
	Notes:	END OF DATA		
	1) Only the Flight listed data are app indicates the data li	Test Pilot and Flight Test Analy proved herein. This approval is sted above demonstrated complia	s only ince wit	for the engineering data. It h the regulations specified by
	2) This form does a substantiation of co	aragraph listed below as "Applic not constitute FAA approval of a mpliance to necessary requireme	all the e	ngineering data necessary for
	3) This project requ	nires approval of structural data.		
8. PURPOSE OF DATA				
In support of a major alter	ration for serial numb	er 51506.		
9. APPLICABLE REQUIREMENTS (List specific sections)		(1) (1)	
14 CED Dort 27. 27 51(a)	· 27 65(a)(1)· 27 75 (a	a)(1), 27.141(a) & (b); 27.143(a)	, (b) & ((c); 2/.101; 2/.1/1; 2/.1/3;
aspects on [v] **********	******	*****		
of appointment under Part 1	183. data listed above :		ave been o	examined in accordance with
established procedures and four		ble requirements of the Airworthiness S	tanuarus .	118164
	Recommend approval	of these data		
I (We) Therefore X	Approve these data	12. DESIGNATION	13. C	LASSIFICATION(S)
11. SIGNATURE(S) OF DESIGNATI REPRESENTATIVE(S)		NUMBER(S)		
Robert A. Williams	M/H_	DERT-710526-SW		Flight Test Pilot &
				Flight Test Analyst
	DES PREVIOUS EDITION			

Form 8110-3 (03/10) SUPERSEDES PREVIOUS EDITION

Λ											Form Ap	proved	
			MAJOR R								OMB N	o. 2120-0020	·
US Department of Transportation	(Airframe, Powerplant, Propeller, or Appliance) For FAA Use Only									Only			
Federal Aviation Administration											Office Id	entification	
INSTRUCTION	NS: Print or type	all e	entries. See FAR	43.9,	FAR 4	13 Apper	ndix B, and	AC 43	3.9-1	(or subsequ	uent revis	ion thereof) fo	or instructions
and disposition	i of this form. Th	nis re	eport is required I ederal Aviation A	ov law	(49 U	.S.C. 14	21). Failure	e to rep	port	can result in	a civil pe	nalty not to ex	ceed \$1,000
TOI Eacit Violati	Make		ederal Aviation A	ACLOT	1958).			lodel					
			Bell							206L	-3		
1. Aircraft	Serial No.		···· ··· ··· ···				١	lationali	ity and	d Registration			
			51506							N200			
	Name (As sh	own	on registration certifi	cate)			A	ddress	(As s	hown on regist			
2. Owner			Petroleum H	elico	nter	Inc						geline Thrw	
					_		Use Only			Lalay	/ette, LA	70508-2156	
					0,1		coc only			<u></u>		·······	
					4. 1	Unit Ide	ntification					5. Type	
Unit		Mal	ke			Mode	el			Serial N	D.	Repair	Alteration
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AIRFRAME			~~~~~~~~	(As de	scribe	ed in Iten	n 1 above)	~~~~	~~~~	~~			X
				<u> </u>									
POWERPLANT													
PROPELLER													
			••••••••••••••••••••••••••••••••••••••										
APPLIANCE	Туре		i										
AFFLIANCE							-						
	Manufacturer												
				6	i. Con	formity	Statemen	t I				<u> </u>	l
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	ACADIAN CO	MPO	SITES				ertificated M n Certificate			<u>.</u>		1H2300N ED AIRFRAN	/TE
301	W. PONT DES	MOU	JTON ROAD		X		ed Repair S					ED SPECIALI	
	LAFAYETTI					Manufa			_		SERVI		· · · · · · · · · · · · · · · · · · ·
D. I certify that hereto have	t the repair and/ e been made in a	or al acco	teration made to ordance with the r	the un require	nit(s) io ements	dentified s of Part	in item 4 a 43 of the L	bove a J.S. Fe	and c	described on al Aviation R	the reve	rse or attachn	nents
information	furnished herei	n is t	true and correct t	o the t	pest of	f my kno	wledge.	-			egulation	s and that the	
Date	<i>(()</i>				Si	gnature	of Authoriz	ed Ind	ividu	ial			
	8-3	0	9				tel	n_					
		,					urn To Se						
ursuant to the a	authority given p the Federal Avia	erso ation	ons specified below Administration a	ow, the and is	euniti ⊗∆⊔		dinitem 4 v =∩ ⊓ ¤⊏	was ins	spec =n	ted in the m	anner pre	escribed by the	e
I			1							O46 - (C	16 A		
Inspe	Flt. Standards		Manufacturer		Ins	spection	Authorizat	ion		Other (Spec	ity)		
	Designee	x	Repair Station		Pe	erson Ap	proved by						
					Tra	ansport	Canada						
ate of Approva	or Rejection	L	Certificate or				ess Group of Authorize	ed Indi			-	1-	
	-		Designation No			-				\neg / \sim	_/	/	
8-3	-04		B1H2300	N	JI	MMIE MI	ELANCON		_	Kei	a_		
AA Form 337 (1	2-88)							12	/				

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

NOMENCLATURE: AUX FIN ORIGINAL PART NUMBER: 206-023-126-111 SERIAL NUMBER: 23931 WORK ORDER NUMBER: W45704AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-020, REVISION B, DATED 11/22/99.

Additional Sheets are Attached

FAA Form 337 (12-88)

								·······				Photo a successive set on the set of the set
			MAJOF	RR) A	LT	ERATI	NC	Form Appro OMB No. 2120-0020 11/30/2007	ved	Electronic Tracking Number
US Departme of Transporta Federal Aviation Administra	ation	(A	irframe, Po	owe	rplant, Pro	pe	lleı	η, or Ap	pliance)			For FAA Use Only
INSTRU	JCTIONS ructions a	nd d		nis fo	orm. This repo							r subsequent revision thereof) to report can result in a civil
		onality	/ and Registration	Mark					Serial No.	506		
1. Aircra	aft Mak								Model 20	an a		Series L-3
2. Owne	Nar]	me (A	s shown on regist. , Inc.	ration	certificate)				Address (As sho Address 20 City La	wn on registr	vang	ertificate) geline Thruway State LA
						3.	For	FAA Us	e Only			
4	. Туре				T			5.	Jnit Identificatio	n		
Repair	Altera	ation	Unit		N	Make	9		Mo	del		Serial No.
			AIRFRAME						(As described in	1 Item 1 abo	ove)	
			POWERPLA	NT								
			PROPELLER	R								
			APPLIANCE		Туре							
					Manufacture	r						
			I	·	(6. Co	onfo	ormity St	atement			
	cy's Name					B. K		of Agenc				
Name Address			ICOPTER TEX						ated Mechanic ficated Mechanic		C	Manufacturer Certificate No.
City	LAFA	YET	TE S	tate	LA	Х	Ce	rtified Rep	air Station			S B1H2300N Limited Airframe
Zip	70507	•	Country U	I.S.A	•		Ce	rtified Mai	ntenance Organiza	ation	Lin	nited Specialized Services
have	e been ma	ide in	air and/or altera accordance wi true and correc	th the	e requirements	of P	art 4	3 of the L	em 5 above and de S. Federal Aviatio	escribed on on Regulatio	the re ons an	everse or attachments hereto d that the information
	l range fue FR Part 43			Sigi	nature/Date of	Aut	hori	zed Indiv	dual $5/1$	ret.		
vhh' p			frastanna de la	L	7. /	Аррі	rova	al for Ret	urn To Service	11/		
			ty given perso deral Aviation				unj			spected in] REJECT		anner prescribed by the
BY	1 1	A Flt. Decto	Standards r		Manufacture	r		Mainten	ance Organizatio	Г		Persons Approved by Canadian Department of Transport
		\ Des	signee	Х	Repair Statio	n		Inspecti	on Authorization	(Other	(Specify)
Certificat Designat B1H230	tion No.				nature/Date of	Autl	hori	zed Indiv	dual	5/10	.]	//
FAA Fo	orm 337 (1	10-06)							11	14		
									U			

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

	N206FS Nationality and Registration Mark	12-05-2011 Date
	Nationality and Registration Mark	Dale
NOMENCLATURE: AUX FIN ORIGINAL PART NUMBER: 206-023-126-112 SERIAL NUMBER: WORK ORDER NUMBER: W167538AA		
OVERHAULED PANEL MENTIONED ABOVE IN TEXTRON, INC. FAA APPROVED OVERHAUL REVISION C, DATED 11/4/08.		

EN	D
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Additional Sheets are Attached

~								Form Approved	d	Electronic Tracking Number
C		MAJOR I	REPAIR AND		LTE	RATIO	N	OMB No. 2120-0020 11/30/2007		
US Department of Transportation	(Ai	rframe, Pow	/erplant, Pro	pel	ller,	oliance)			For FAA Use Only	
Federal Aviation										
Administration					040	0 Devit 11	Appandix D -	nd AC 43 0	1 /or	subsequent revision thereof)
INSTRUCT	IONS: Print	t or type all entri- sposition of this	es. See Litle 14 form. This repo	u⊦R nt is	g43. reau	9, Part 43 lired by 1	ы Appenaix B, a aw (49 U.S.C	stand AC 43.9-1 844701), Fail	ure t	subsequent revision thereof) o report can result in a civil
penalty for	each such v	violation (49 U.S	.C. §46301(a))							•
		and Registration M					Serial No.			
		N206FS					515	506		<u> </u>
1. Aircraft	Make						Model	-		Series
		Bell	00 63				Address (As sho	-	ion co	L-3
	Name (As	shown on registrati	un certificate)				Address (As sho)01 SE Ev	vana	eline Thruway
2. Owner							City La	afayette	_	State <u>LA</u>
							Zip 70)508–2156	Cour	ntry <u>USA</u>
				3.	For F	FAA Use	Only			
4. T	vpe					5. U	nit Identificatio	on		
		111								Serial No.
Repair	Alteration	Unit		Make	e		M	odel		Genarino.
[]		AIRFRAME					(As described i	n Item 1 abov	/e)	
						-				
		POWERPLAN	г							
	<u> </u>									
	[]	PROPELLER								
	ابسيا 		Туре							
			1,100	pe						
			Manufacture	۹r						
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A Accessi	s Name and	Address				rmity Sta of Agency				
A. Agency				<u>.</u> , r			ted Mechanic			Manufacturer
Address		ONT DES MOUT	ON ROAD		Fore	eign Certi	ficated Mechanic			ertificate No.
City	LAFAYET	TE Sta	ate LA	Х	Certified Repair Station			CRS B1H2300N Limited Airfra		
Zip	70507	Country U.	S.A.		Cer	tified Main	ntenance Organia	zation	Lim	ited Specialized Services
			ion mode to the	nit/~	lider	tified in its	m 5 above and	described on f	he ro	verse or attachments hereto
D. I certif	y mat the rep een made ir	an and/or alterat	the requirements	s of F	Part 43	3 of the U	.S. Federal Aviat	ion Regulation	ns an	d that the information
furnish	ed herein is	true and correct	to the best of my l	know	/ledge	э. _И	Λ	-		
Extended ra			Signature/Date o	of Au	thoriz	zed Indivi	dûal / 🛛 🗸	1		
per 14 CFR	Part 43					Sh	11/ 3/1	nlin		
App. B			7	Anr	orova	l for Ret	urn To Service	<u>e 1 (1)</u>		
Pursuant to	o the author	ity given person	s specified below	v, the	e unit	identified	l in item 5 was i APPROVED	nspected in the second s	he m -	anner prescribed by the
Administra	tor of the Fe	ederal Aviation A	dministration an	1	T					
		Standards	Manufacture	ər		Maintena	ance Organizati	on		Persons Approved by Canadian Department of Transport
BY _	Inspecto	or				· · · · · · · · · · · · · · · · · · ·				L
	FAA De	signee	X Repair Stati	on		Inspectio	on Authorization	C	Other	(Specify)
Certificate	or		Signature/Date of				1			
Designatio			-					2/10		
B1H2300N			JASON PICARE)		-16	5/1	2/10		
FAA For	m 337 (10-06	i)				1				
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NO [®]	TICE
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N206FS 12–05–2011 Nationality and Registration Mark Date

NOMENCLATURE: BAGGAGE COMPT FWD WALL ORIGINAL PART NUMBER: 206-032-125-175 SERIAL NUMBER: BP724 WORK ORDER NUMBER: W148604AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-018, REVISION A, DATED 11/3/99.

-----END------END-------

□ Additional Sheets are Attached

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US Descrimen	150.033y:							. 2120-0020	
of Transportance Federal Aviati Administration	DA .	rame, Powerpla	ant, I	Propeller, or Ap	pliance	2)		for FAA Use	
and disposi	tion of this form. I	e all entries. See FAR his report is required ion 901 Federal Aviat	i by la	FAR 43 Appendix B, a w (49 U.S.C. 1421). Fa ct of 1958).	ind AC 43 illure to re	.9-1 (or subseque eport can result in	nt revision a civil pena	th ereof) for i alty not to exc	nstructions ceed \$1,000
4 41	Make BL	ELL			Model	206	1-	3	
1. Aircraft	Social No.	1506			Nationa	lity and Registrati N 2.061	on Mark		
2. Owner	-	n on registration cer		-		(As shown on reg	istration o		
	BANC ON	NE TEXAS L	EA	SING CORP.	Colum	O Conporate nbus OH. 4	3231	wge Dri	
				3. For FAA Use Or	nly			······································	
				·					
	T			4. Unit Identification	on			5. Type	
Unit	N	lake		Model		Serial No	D.	Repair	Alteration
AIRFRAME		(A	ls des	cribed in Item 1 abov	e)			x	
POWERPLANT									
PROPELLER	· .			19 ⁴		999994			
	Туре								
APPLIANCE	Manufacturer								
				6. Conformity Statem	ent				
	ame and Address & Parts In			B. Kind of Agency			C. Certi	ficate No.	
#140-256	O Simpson R B.C. V6X	load		U.S. Certificated Foreign Certifica X Certificated Repa Manufacturer	nic	39-87			
nave beel	i made in accorda	or alteration made to ince with the required I correct to the best of	ments	nit(s) identified in item	4 above a Federal	and described on t Aviation Regulation	he reverse ons and the	or attachmen at the inform	its hereto ation
Date				Signature of Author	ized Indiv	vi d ual)	\frown		
No	v. 17, 1995			B. Gawlik	\sum	K	4	(H-S)	
Durant				proval for Return To				······································	
	OT THE FEDERAL AN	n persons specified viation Administration	belov n and	w, the unit identified is XX APPROVED	in item 4	EJECTED	the manr	ner prescribe	d by the
BY FAA	Fit. Standards ector	Manufacturer		Inspection Authorizat	**	Other (Specify)			
	Designee	Repair Station	X	Person Approved by T Canada Airworthiness	Group	5			
Date of Approve No	v.17/95	Certificate or Designation No. 39–87		Signature of Authori B. Gawlik	zed Indiv	idual C	<u> </u>	(H-S) 3	

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Weight and balance or oper compatible with all previou	ating limitation changes shall	NOTICE be entered in the appropriate ai ued conformity with the applica	, ircraft record. An alte	aration must be
B. Description of Work Accompl (If more space is required, att)	i shed ach additional sheets. Identify wi	th aircraft nationality and registrati	on mark and date work	k completed.)
Description:	Bell Aft Housing			
	P/N 206-040-241-0	01, S/N B12-8679	- -	
 Chrome Repaired Plasma Sprayed Machined, Log# NDT (FPI). Final Inspection 	Seal Bore IAW RSS 34 59-0359.	S 3432, Log# 95-0358. 30, 405 Bonding Wire a	and Final	
Repair Salvage Sch	emes (RSS) 3430 & 343	32 are FAA/Transport Ca	anada Approved.	
No Further Statemen	nts to Follow.			
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of Trans Federal	artment sportation I Aviation stration	n n	(Ai			Powerplant, Pro				I				For	FAA Use Only	
instru	ctions		sition	of this	form										uent revision thereof) fo in a civil penalty for each	
<u> </u>		Nationalit	ty and	```````````````````````````````````````		n Mark			Serial	No. 51506						
1. Aircr	aft	Make Bell						Mawa.ii.	Mode	206				Serie	es 3	
				vn on	regist	tration certificate)							<i>gistration</i> line Th	l n certificate) nruway		
2. Owne	er		, Inc.						City Zip	Lafav 7050	/ette 8-2156	;	Cou	ntry L	State <u>LA</u> JSA	
		- I					3.	For FAA Us	e Only					_		
hereb	"The technical data identified herein has been found to comply with applicable airworthiness requirements and is hereby approved for use only on the above described aircraft, subject to conformity inspection by a person authorized in Section 43.7" Date:															
4	4. Typ	e	1				5.	. Unit Identifi	cation						····	
Repa	ir	Alteration		Unit		Ma	ake				Mode	Model			Serial No.	
		\mathbf{V}	AIRF	RAM	E				(As o	(As described in Item 1 above)						
			POV	VERPL	LANT											
			PRO	PELLI	ER											
			APP	LIANC	ЭE	Type Manufacturer										
						6		onformity St								
	cy's Na PHI, In	ame and Ad	ddress	3			В	. Kind of Ager		anio		I			4	
		30x 90808	3				U. S. Certificated Mechanic Foreign Certificated Mechanic					C. Certificate No.				
City L	afaye					State LA	$\overline{\mathbf{v}}$	Certificated Repair Station								
Zip <u>7(</u>	0509-	0808Cou	intry <u>l</u>	JSA				Certificated	Maintenand	e Orga	nization				HEER617E	
hav	ve bee	en made in	accor	dance	with	ion made to the unit the requirements of the best of my know	Ρá	rt 43 of the U.							or attachments hereto e information	
Extended per 14 Cl App. B	•				Signa	ture/Date of Authoriz	Se.	on			Kircs 17		VSC	\rangle	SEP 1 9 2009	
Pursua	int to	the autho	rity a	iven :	perso	ns specified below		val for Retur			was in	spect	ed in th	e m	anner prescribed by th	
	strator	of the Fed	eral A			ninistration and is	, u T		Approv			ejecte	d			
вү —		Flt. Stand	ards		Manu	ufacturer	N	laintenance C	rganizatio	n		Depar	tment of T		Canadian port	
		Designee				air Station		nspection Aut	norization		Other	(Spe	uiy)			
Certificate Designation	on No.	ER617E			Sigper	tore/Date of Authoriz				D	E DERIVE D	and a second	illys	30	SEP 1 9 2009	
FAA Fo	orm 33	37 (10-06)														

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ription ore spa	of Work Accomplish ace is required, attach a	ed additional sheets. Ide	entify with aircraft nationali	ty and registration mark and d	late work completed.)
			Γ	N206FS	SEP 1 9 2009
			L Na	ationality and Registration Mar	
				Traffic Advisory System	
1.	No equipment remo	oved for this install	ation.		
2.	Installed the follow				
	<u>MFG</u> B. F. Goodrich	<u>Type</u> TRC-497 Tr	<u>Description</u> ans/Receiver Computer	<u>Station/Locatio</u> 202.00/Aft bag. Co	
	B. F. Goodrich		rectional Antenna	88.00/ Aft Servo Co	
3.	All Avionics circuit All wire used is MI	t breakers are locat L-W-22759 and M	ed in the aircraft manufac IL-W- 27500 interconne	cturer's supplied panels and ct wire.	are appropriately labeled.
4.	These components	were previously ins	stalled on a BE-58P in ac	cordance with STC SA0073	3CH.
5.	These Avionics inst	allations are in acc	ordance with the manufa	cturers installation instruction	ons as follows:
	<u>MFG</u>	<u>TYPI</u>	<u>E</u> <u>Installati</u>	on Manual Number	<u>Revision</u>
	B. F. Goodrich Garmin	SKY-4 GPS-400W Se		9-10800-001 90-00356-02	Rev. F Rev.D
				0-00330-02	Key.D
6.	All work accomplis A.C. 43.13-1B	hed in accordance CHAPTER 11		F1	, , .
	A.C. 45.15-1D	CHAPTER 11 CHAPTER 11	SECTION 3-6 SECTION 8-17	Electrical loading and pro Wire routing, marking an	
		CHAPTER 10	SECTION 1-2	Weight and balance consi	derations.
	A.C. 43.13-2B	CHAPTER 1	PARA 106 - 111	Structural mounting data.	
		CHAPTER 2 CHAPTER 3	PARA 202 - 206 PARA 305 - 310	Equipment physical mour Antenna physical mounting	
	PHI ESM-1	CHAPTER 1	FAIXA 303 - 310	Helicopter Electrical Spec	
		THRU 12		Standard Practices Manua	
7.	Equipment list upda	ted to reflect instal	lation of this system.		
8.	Weight and balance	amended as requir	ed.		
9.	Compass system tes	ted and corrected.			
10.	EMC testing will be	conducted in acco	rdance with SKYWATC	H Installation Manual for Q	ualitative FMI ground and
	flight test.				
11.	Electrical load tester	d found to be withi	n limits.		
12.	An approved Rotor	raft Flight Manual	Supplement No. PHI-95	9-206L3SKY497-004, Revi	sion 0 dated
	<u>9/15/09</u> Goodrich SKY497 S	or later revision is r	equired for installation a	nd must be carried on board	when operating B. F.
13.	Installation checkou Garmin 400W Serie 206L-12715, Revisie	s Pilot's Guide Ad	t tests are to be performe dendum. For additional in	d in accordance with SKY4 nstallation details see PHI el	97 Installation Manual and lectrical diagram no. PHI-
14	Instructions for south	1	PHI-915-206L-ICA-000		

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The		\mathbf{O}				\mathbf{C}				
US Department of Transportation Federal Aviation	n (Airfr			ND ALTERATIO	, L	Form Approved OMB No. 2120-0020 For FAA Use Only Office Identification				
and disposit	ion of this form. T	e all entries. See FAR his report is required on 901 Federal Avial	l by lav	FAR 43 Appendix B, a w (49 U.S.C. 1421). Fa ct of 1958).	nd AC 43. ilure to rej	9-1 (or subsequer port can result in a	nt revision t a civil pena	thereof) for in Ity not to exc	structions eed \$1,000	
1. Aircraft	Make Bell	· · · · · · · · · · · · · · · · · · ·			Model	206L-3				
	Serial No. 5150	6				ty and Registration N206FS	on Mark			
2. Owner		n on registration cer t Credit Corp		•	e) Address (As shown on registration certificate)					
				3. For FAA Use O	nly					
		·		A Harts Ido-146	·			1e		
	41			4. Unit Identificati	on	· • • • • • • •		5. Type		
Unit	N	lake		Model Ser). 	Repair	Alteration	
AIRFRAME		•••••••••••••••••••••••••••••••••••••••	ls des	cribed in Item 1 abov	(6)	••••••	•		x	
POWERPLANT						· .		ę		
PROPELLER		, , , , , , , , , , , , , , , , , , ,		· · · · · · · · · · · · · · · · · · ·						
APPLIANCE	Type Manufacturer			•						
				6. Conformity Staten		•		·		
A. Agency's N	ame and Address			B. Kind of Agency		· · · · · · · · · · · · · · · · · · ·	C. Certif	icate No.		
P.O. Box	n Helicopter 90808 e, LA 70509	-		U.S. Certificated Mechanic Foreign Certificated Mechanic X Certificated Repair Station Manufacturer			AIRFRAME, POWERPLANT & ACCESSORIES LIMITED RADIO CLASS 1, 2, & 3 CRS NO. HEER617E			
have beer	n made in accorda	or alteration made to ince with the require I correct to the best	ments	hit(s) identified in iten of Part 43 of the U.S knowledge.	14 above a 5. Federal /	nd described on t Aviation Regulation	he reverse	orattachmen	its hereto	
Date				Signature of Autho	rized Indiv	idual	Si	HNEIDER		
	dry11		7. Ap	proval for Return To	Service	the second				
Pursuant to Administrato	the authority give r of the Federal A	n persons specified viation Administratio	below	w, the unit identified	in item 4	was inspected in	the manr	ner prescribe	d by the	
	Fit. Standards ector	Manufacturer		Inspection Authoriza		Other (Specify)				
	Designee X	Repair Station		Person Approved by Canada Airworthines	s Group			· · · ·		
Date of Approva		Certificate or Designation No.		Signature of Author	ized Indivi	dual	SC SC	HNEIDER		
10	-29-91	HEER617E		1 Show	L)e>	Freece	5			

FAA Form 337 (12-88)

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed Paravion Technology, Inc. bleed air cabin heater according to STC SH 2728NM.

-END----

US Departmen of Transportatio Federal Aviati Administration	on on			R REPAIR AN Powerplant, Pr								Electronic Trac	-
instructions	FIONS: Print s and dispos ion. (49 U.S.	ition of th	is form.	es. See Title 14 This report is rec	CFR Juire	۶§4 d b	3.9, Part 43 y law (49 U.	Appendix S.C. §447(B, and A0 01). Failure	C 43.9- to repo	1 (or subs ort can res	sequent revi ult in a civil	sion thereof) for penalty for each
	Nationalit N230		gistratio	n Mark				Serial N	lo. 506			-	
1. Aircraft	Make	/=11						Model			5	Series	······
	Bell							2	206			L-3+	
	Name (As	shown c	n regist	ration certificate)			····· · ·		s (As showr				
2. Owner	PHI,	Inc.						City	2001 SE E _afayette 70508-215				State LA
						3 F	or FAA Use		0000-210		Count	y <u>00/(</u>	
4. Ty	pe					5. U	nit Identific	ation					
Repair	Alteration	Ur	nit		Mak	е			Мос	del		;	Serial No.
	\checkmark	AIRFRA	ME					(As de	scribed in l	tem 1 a	above)		
		POWER	PLANT										
		PROPE	LER										
		APPLIA	NCE	Type Manufacturer									
				· · · · · ·			formity Sta						
A. Agency's N Name PHI.		dress			-+	В. К Т	U.S. Certific		nic		Mani	Ifacturer	
Address P. O.		3			- -		Foreign Cert				C. Certific		
city Lafay				State LA	- [4	Certificated					HEERE	517E
D. I certify have be	that the rep en made in	accordar	r alterat	ion made to the u the requirements	of P	art 4	entified in it 43 of the U.S	em 5 abov	e Organization re and deso Aviation Re	cribed of	on the reve ns and tha	erse or attacl t the informa	nments hereto ition
Extended ran per 14 CFR F App. B	ige fuel	irue and c		o the best of my ki ature/Date of Author An E.Dec.Ac				0Å.	mint	423			IAN 1 1 2012
Pursuant to	o the autho	ority give	n perso	ons specified belo			unit identi	ied in iter	m 5 was			manner pi	rescribed by the
Administrat	or of the Feo A Flt. Stand	leral Avia	tion Adr	ministration and is		V	Intenance O	Approve	ed I	Rejecte Perso	d	d by Canadiar	<u></u>
BY	spector A Designee	x	Rep	air Station		Ins	pection Auth	orization	Othe	er (Spe			
Certificate or Designation N H	lo. EER617E]	Signa	ature/Date of Autho	orize	ed Ir	· /) ger D	ale B	un	helt		JAN 1 1 2012

FAA Form 337 (10-06)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheet.	s. Identify with aircraft nat	ionality and registration mark and date wo	ork completed.)
		N230PH .	JAN 1 1 2012
		Nationality and Registration Mark	Date
· · · ·	STC INSTAI	LATION	
Installed a Composite Baggag STC SH3110SO and Installat dated November 17, 2000.	ge Door in accor tion Instruction	rdance with Aeronautical s Report Number AA-91	Accessories Inc. 062 Revision K
Refer to Aeronautical Acces November 17, 2000 for Instruc	ssories Inc. Rep ctions for Contin	oort No. AA-00020, No uued Airworthiness	Revision, dated
Weight and balance amended			
	ENI	2	an a
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$\{\omega_{i}\} \in \{V_{i}\}$			
	Additional Shee	ets Are Attached	

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US Department			AJOR REPA								or FAA Use	Only
of Transportation Federal Aviation Administration	on 👘	rīra	me, Powerpla	ant, I	Prop	beller, or Ap	pliance) .	Offic		ntification	<u> </u>
		type	all entries. See FAF	3 4 3 9	FAR	43 Appendix B				vision	thoroof) for i	
and disposi	ition of this form	n. Th	is report is required n 901 Federal Avia	d by la	w (49	U.S.C. 1421). Fa	ailure to rep	ort can result in	n a civ	il pena	lity not to exc	ceed \$1,000
	Make Be	11					Model	206L-	•3			
1. Aircraft	Serial No.						Nationali	ty and Registrat	tion N	lark		<u></u>
		506						N206F				
	Name (As sh	lown	on registration ce	rtifical	te)		Address (As shown on re	gistra	ation c	ertificate)	
2. Owner	Banc O	ne	Texas Lea	sin	g C	orp.	2400 Colu	Corpora mbus, OH	te 4	Exc 323	hange 1 1	Drive
					3.	For FAA Use O	1					· .
			•									· · · · · · · · · · · · · · · ·
					4.	Unit Identificati	on				5. Type	· · · · · · · · · · · · · · · · · · ·
Unit		Ma	ke			Model		Serial N	NO.		Repair	Alteration
AIRFRAME	~~~		•••••••••••••••••••••••••••••••••••••••	As des	cribe	d in Item 1 abov	(6)		•			x
POWERPLANT												
PROPELLER								ania <u>, , , , , , , , , , a</u> , a, a,				
	Туре											
APPLIANCE												
	Manufacturer	•										
					6. Co	onformity Staten	nent	····			L	
A. Agency's N	ame and Addre	ess			В.	Kind of Agency			C .	Certif	ficate No.	
Dotrolo	um Holio		towa Tra			U.S. Certificated					e, Powerpla	
P.O. Bo	x 90808	op	ters, Inc.		x	Foreign Certificated Rep		ic	Ra	cesso dio Cl	ries Limite lass 1, 2,	d £ 3
Lafayet	te, LA	70	509			Manufacturer	air Station				HEER617E	a J
nave beel	n made in acco	rdan	alteration made to ce with the require correct to the best	ements	s of P	art 43 of the U.S	14 above ar 6. Federal A	nd described on viation Regulat	the re tions a	everse and the	or attachmei at the inform	nts hereto nation
Date						nature of Autho	rized Indiv	dual				
H	- 6	~	96			M	Y. D-	on	7	DA	Vis	
						al for Return To						
Pursuant to Administrato	the authority g r of the Federal	iven Avia	persons specified ation Administration	l belo on and	w, the I is	e unit identified	in item 4	was inspected JECTED	in the	e manr	ner prescribe	ed by the
Inspe	Flt. Standards ector		Manufacturer		Insp	ection Authoriza	tion	Other (Specify)			
	Designee	X	Repair Station		Pers Can	on Approved by ada Airworthines	Transport s Group					
Date of Approva		_ 1	Certificate or Designation No.		Sigr	nature of Author	ized Individ	dual	,			
$\mathcal{H} - \mathcal{H}$	6-96	6	HEER617E			MV . Z.	D	and	3 >	<i>0</i> ,	AV1:	

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed composite baggage door according to Drawing 206B-930, latest revision, STC SH3511SW.

END

C

	MAJOR REPAIL						Forr ON	n Approved IB No. 2120-(
US Department of Transportation Federal Aviatio Administration	n (runnanne) renerpian n	nt, Pro	ope	ller, or App	oliance)		Offic	For FAA ce Identification	Use Only	
and disposition	NS: Print or type all entries. See FAR and this form. This form is required by la violation (Section 901 Federal Aviation A	aw (49 U	.s.c	. 1421). Failure						
	Make Bell Helicopters				Model	206L-3				
1. Aircraft	Serial No. 51506					and Registr N206FS	ration	Mark		
2. Owner	Name (As shown on registration certifi CIT Leasing Company,		<u></u>			1211 AVE.	oft	stration certifi he America 10036-8701	is FL21	
		3	. For	r FAA Use Only						
• • • • • • • • • • • • • • • • • • • •		4	. Uni	it Identification					5. Type	
Unit	Make			Model			Seria	Il No.	Repair	Alteratio
AIRFRAME	~~~~~~~~~~	(As de	scril	bed in item 1 a	above) 👞	~~~~~	~~	~~~		x
POWERPLANT				, <u>, , , , , , , , , , , , , , , , , , </u>						
PROPELLER										
APPLIANCE	Type Manufacturer									
	I	6. C	onfo	rmity Statement	··				L	<u> </u>
	ame and Address			ind of Agency		••••••••••••••••••••••••••••••••••••••		C. Certifica	te No.	
P. O. Box 90		ŀ		U.S. Certificated Foreign Certificat		W		HEER617	7E e , Powerl	Plant
Lafayette, L	A 70509	F	X	Certificated Repa			-i	& Acces	sories Lt lass 1,2,	d.
		F		Manufacturer				1		
have been	It the repair and/or alteration made to the made in accordance with the requirement erein is true and correct to the best of m	nts of Pa	art 43	3 of the U.S. Fe	above and d deral Aviation	escribed on on Regulatio	the r ons ar	everse or atta nd that the inf	achments h formation	ereto
Date			Sign	ature of Authoria		al (
Feb	23,2002	Δηρεού	<u>al fo</u>	r Return to Servi	Ster	7d				
Pursuant to the Administrator of	authority given persons specified below f the Federal Aviation Administration an	w, the u	nit id		was inspe	cted in the m		er prescribed	by the	
SY FAA	Flt. Standards Manufacturer			ection Authoriza		Other (Spe				
	Designee X Repair Station		Perso	on Approved by idian Airworthine	Transport ess Group					
Date of Approva	Designation No.			ature of Authoriz	ed Individu	/				
F26 2 AA Form 33	3, 2002 HEER617E			UB	K)a	nd		·		

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

END

CONCORDE LEAD ACID BATTERY

Installed Concorde RG222 Valve Regulated Sealed Lead-Acid Battery in accordance with Falcon Crest Master Drawing List FC-003, Revision IR dated February 29, 1996 or later FAA approved revision in accordance with STC SR09069RC.

Attached Rotorcraft Flight Manual Supplement dated May 6, 1996 or later RFMS. See Flight Manual for Placard Indicating Lead-Acid Battery installed.

Weight and Balance Amended.

	MAJOR REPAIL						Forr ON	n Approved IB No. 2120-(
US Department of Transportation Federal Aviatio Administration	n (runnanne) renerpian n	nt, Pro	ope	ller, or App	oliance)		Offic	For FAA ce Identification	Use Only	
and disposition	NS: Print or type all entries. See FAR and this form. This form is required by la violation (Section 901 Federal Aviation A	aw (49 U	.s.c	. 1421). Failure						
	Make Bell Helicopters				Model	206L-3				
1. Aircraft	Serial No. 51506					and Registr N206FS	ration	Mark		
2. Owner	Name (As shown on registration certifi CIT Leasing Company,		<u></u>			1211 AVE.	oft	stration certifi he America 10036-8701	is FL21	
		3	. For	r FAA Use Only						
• • • • • • • • • • • • • • • • • • • •		4	. Uni	it Identification					5. Type	
Unit	Make			Model			Seria	Il No.	Repair	Alteratio
AIRFRAME	~~~~~~~~~~	(As de	scril	bed in item 1 a	above) 👞	~~~~~	~~	~~~		x
POWERPLANT				, <u>, , , , , , , , , , , , , , , , , , </u>						
PROPELLER										
APPLIANCE	Type Manufacturer									
	I	6. C	onfo	rmity Statement	··					<u> </u>
	ame and Address			ind of Agency		••••••••••••••••••••••••••••••••••••••		C. Certifica	te No.	
P. O. Box 90		ŀ		U.S. Certificated Foreign Certificat		W		HEER617	7E e , Powerl	Plant
Lafayette, L	A 70509	F	X	Certificated Repa			-i	& Acces	sories Lt lass 1,2,	d.
		F		Manufacturer				1		
have been	It the repair and/or alteration made to the made in accordance with the requirement erein is true and correct to the best of m	nts of Pa	art 43	3 of the U.S. Fe	above and d deral Aviation	escribed on on Regulatio	the r ons ar	everse or atta nd that the inf	achments h formation	ereto
Date			Sign	ature of Authoria		al (
Feb	23,2002	Δηρεού	<u>al fo</u>	r Return to Servi	Ster	7d				
Pursuant to the Administrator of	authority given persons specified below f the Federal Aviation Administration an	w, the u	nit id		was inspe	cted in the m		er prescribed	by the	
SY FAA	Flt. Standards Manufacturer			ection Authoriza		Other (Spe				
	Designee X Repair Station		Perso	on Approved by idian Airworthine	Transport ess Group					
Date of Approva	Designation No.			ature of Authoriz	ed Individu	/				
F26 2 AA Form 33	3, 2002 HEER617E			UB	<u>KO</u> a	nd		·		

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

END

CONCORDE LEAD ACID BATTERY

Installed Concorde RG222 Valve Regulated Sealed Lead-Acid Battery in accordance with Falcon Crest Master Drawing List FC-003, Revision IR dated February 29, 1996 or later FAA approved revision in accordance with STC SR09069RC.

Attached Rotorcraft Flight Manual Supplement dated May 6, 1996 or later RFMS. See Flight Manual for Placard Indicating Lead-Acid Battery installed.

Weight and Balance Amended.

			IAJOR REPAI me, Powerpla						Fo	oved 2120-0020 or FAA Use O tification	nly
1. Alrerati 206L-3 Serial No. Nationality and Registration Mark N206FS 2. Owner Banc One Texas Leasing Corp. Address (As shown on registration certificate) 2. Owner Banc One Texas Leasing Corp. 2400 Corporate Exchange Columbus, OH 43231 3. For FAA Use Only 3. For FAA Use Only Unit 4. Unit Identification 5. Type Unit Make Model Serial No. Properties of the serial	and disposif	tion of this form. Thi	s report is required	l by law (4	49 U.S	5.C. 1421). Failu	AC 43.9- are to repo	i (or subsequent rt can result in a c	revision t civil pena	hereof) for in Ity not to exce	eed \$
Serial No. Name (As shown on registration certificate) Name (As shown on registration certificate) Address (As shown on registration certificate) 2 Owner Banc One Texas Leasing Corp. 2400 Corporate Exchange Columbus, OH 43231 3. For FAA Use Only 3. For FAA Use Only Unit Make Model Serial No. Repaint Quert Address AIRFRAME Address POWERPLANT Serial No. PROPELLER Use Contornity Statement A. Agency's Name and Address B. Kind of Agency Petroleum Helicopters, Inc. Foreign Certificated Mechanic Pow 90808 Service Des or 90808 Service of the requirements of the t3 of the US. Federal Aviation Regulations and that the in furnished herein is true and correct to the best of my knowledge. Diate Signature of Authorized Individual Manufacturer Signature of Authorized Individual Manufacturer Signature of Authorized Individual Manufacturer Agency Agency's Name and Address B. Kind of Agency Certificated Mechanic Affrage, Power Portoleum Helicopters, Inc. Foreign Certificated Mechanic		Make Bell				N	lodel	206L-3			
Name (As shown on registration certificate) Address (As shown on registration certificate) 2 Owner Banc One Texas Leasing Corp. 2400 Corporate Exchange Columbus, OH 43231 3. For FAA Use Only 3. For FAA Use Only Unit Identification Manufacturer Unit Identification Owner Aunit Identification Style Unit Make Model Serial No. Properties of the style Owner Owner Aunit Identification Style Owner Address (As shown on registration certificate Properties of the style Owner	. Aircraft					· · · · ·		N206FS			
Columbus, OH 43231 43231				tificate)		A	ddress (A	s shown on regi	stration c	ertificate)	
4. Unit Identification 5. Type Unit Make Model Serial No. Repair AIRFRAME	. Owner	Banc One	Texas Leas	sing	Cor	p.	2400 Colum	Corporaton bus, OH	e Exc 4323	hange I 1	Dri
4. Unit Identification 5. Type Unit Make Model Serial No. Repair AIRFRAME			<u></u>	3	3. For	FAA Use Only			-		
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

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US Department of Transportation Federal Aviation Administration	Airfra			ND ALTERATIO Propeller, or Ap		,		2120-0020 or FAA Use C	Dnly
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2. Owner	Name (As shown	on registration cert t Credit Corp		tion	Address	N206FS (As shown on reg 111 Westmin Providence	nster S	treet	
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Administrato	r of the Federal Av	n persons specified iation Administration	belov n and	w, the unit identified is XXAPPROVE	in item 4	JECTED	the man	ner prescribe	d by the
BY FAA	Flt. Standards ector	Manufacturer		Inspection Authoriza	tion	Other (Specify)			
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Date of Approva	al or Rejection	Certificate or Designation No.		Signature of Author	ized Indivi	dual	2	HNEIDER	
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FAA Form 337 (12-88)

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed Emergency Float Electrical System according to STC SH1715SW.

ADDITIONAL SHEETS ARE ATTACHED

	N	AJOR REPA	IR AI	ND ALTERATI	ON		Form Approved OMB No. 2120-		8
US Department of Transportatio Federal Aviatio Administration	on and a second s	me, Powerpla	nt, Pr	opeller, or Ap	pliance)		For FAA Office Identificati	Use Only on	
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Apical Float Installation

Installed emergency float / life raft system in accordance with Apical Industries, Inc. STC SR01535LA.

Removed light weight float system and wiring previously installed in accordance with Bell SI 206-2033.

Installed Apical Industries, Inc. Rotorcraft Flight Manual Supplement FMS-PHI-1, Rev. A, dated 10-24-03 in flight manual as required.

Actual weight and balance complied with.

Additional Sheets Are Attached

US Departme of Transporta Federal Avia Administration	tion tfon	-	MAJOR REPAIR / me, Powerplant,							oproved 0. 2120-0020 007	Electronic Tracking Number For FAA Use Only
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FAA Form 337 (10-06)

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

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		Nationality and Rec		Date
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	SINUCIURAL	KEPAIKS		
Part Nomenclature:	Exhaust Duct	<i>P/N</i> :	206-064-3	00-101
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Structural aspects approva	al received for these rep	airs according to	data approve	d on FAA
Form 8110-3 by DER Lou August 7, 2011.	uis Bellot, Designation	Number DERT-	750020-SW, d	ated
Powerplant agreate		•		
Powerplant aspects approv FAA Form 8110-3 by DE	R Bruce S. Kent. Desig	pairs according nation Number I	to data approv DFRT-605286	ed on
Dated 08-30-2011.	, <u> </u>		2EICI-005200	-1 1 1 4 1 4 1 3
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Certificate or Designation			Signature/Date of						Urban	J. Bien	venu	Sr. 03-24-201

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AA Fo	rm 337	(10-06)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Structural repairs made according to Petroleum Helicopters, Inc. Engineering Department Process Specification Document Number PHI-905-SS-001 Revision 1, dated 5/17/05.

407-799-036-117

Approval received for these repairs according to data approved on FAA Form 8110-3 by DER Louis Bellot, Designation Number DERT-750020-SW, dated July 5,2005, serial number LEB 05-075

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Weight And Balance Negligible.

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Additional Sheets Are Attached

US Department of Transportatio Federal Aviatio Administration	n		MAJOR REPAI ame, Powerpla						OM	Approved B No. 2120- For FAA	Use Only	* **
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	- 4				3. For	FAA Use Only						
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

External Enclosed Cargo Carrier (Basket) Located Between Skid Tubes

Manufactured cargo baskets in accordance with Petroleum Helicopters Inc., Document Number PHI-206L-PS-0032, Initial Release dated June 7 2000. Cargo Carrier Baskets were Load Tested in accordance with Petroleum Helicopters Inc., Document Number PHI-206L-ST-0005.

Installation is approved for High Skid gear with R/H Aft Step part number 206-033-429-101 and L/H Aft Step part number 206-033-429-102 mounted at existing inserts at station 121.77 inches only.

Installed PHI Rotorcraft Flight Manual Supplement dated Que 25, 2000 in Rotorcraft Flight Manual.

Weight and balance amended as required.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

This instruction for continued airworthiness gives the data that is needed to fulfill the requirements of CFR parts 23, 25, 27, 29, 33, or 35, sections 23.1529, 25.1529, 27.1529, 29.1529, 31.82, 33.4, or 35.4 as applicable.

ITEM NAME: External Enclosed Cargo Carrier (basket) located between skid tubes on a Bell model 206L series helicopter.

1) INTRODUCTION: Manufactured and installed Cargo Carrier basket between skid tubes to carry miscellaneous customer/company items.

2) DESCRIPTION: External Cargo Carrier baskets are manufactured from 4130 Chromemoly tubing and ¾ inch X13 gauge steel expanded metal.

3) CONTROL, OPERATION INFORMATION: Petroleum Helicopters Inc., Document Number PHI-206L-PS-0032, Initial Release, June 7, 2000.

4) SERVICING INFORMATION: Petroleum Helicopters Inc., Document Number PHI-206L-PS-0032, Initial Release, June 7, 2000.

5) MAINTENANCE INSTRUCTIONS: See Petroleum Helicopters Inc Approved Aircraft Inspection Program, Form - 150HOURL3

6) TROUBLE SHOOTING INFORMATION: Not Applicable

7) REMOVAL AND REPLACEMENT INFORMATION: Petroleum Helicopters Inc., Document Number PHI-206L-PS-0032, Initial Release, June 7, 2000.

8) DIAGRAMS: Petroleum Helicopters Inc., Document Number PHI-206L-PS-0032, Initial Release, June 7, 2000.

9) SPECIAL INSPECTION REQUIREMENTS: Not Applicable

X Additional Sheets Are Attached



Description of Work Accomplished - Continued N206FS

10) APPLICATION OF PROTECTIVE TREATMENTS: Not Applicable

337 ATTACHMENT SHEET DATED 08/24/200 MODEL,206L-3 N 2759U S/N 45272

11) DATA: Petroleum Helicopters Inc., Document Number PHI-206L-PS-0032, Initial Release, June 7, 2000 and Petroleum Helicopters Inc, Document Number PHI-206L-ST-0005.

12) LIST OF SPECIAL TOOLS: Not Applicable

13) FOR COMMUTER CATEGORY AIRCRAFT: Not Applicable

14) RECOMMENDED OVERHAUL PERIODS: Not Applicable

15) AIRWORTHINESS LIMITATION SECTION: Not Applicable

16) REVISION:A letter will be submitted to the local FSDO with a copy of the revised FAA form 337 and revised ICA. The FAA inspector accepts the change by signing block 3.

-----END-----END------

Description of Work Accomplished - Continued N206FS

10) APPLICATION OF PROTECTIVE TREATMENTS: Not Applicable

337 ATTACHMENT SHEET DATED 08/24/200 MODEL,206L-3 N 2759U S/N 45272

11) DATA: Petroleum Helicopters Inc., Document Number PHI-206L-PS-0032, Initial Release, June 7, 2000 and Petroleum Helicopters Inc, Document Number PHI-206L-ST-0005.

12) LIST OF SPECIAL TOOLS: Not Applicable

13) FOR COMMUTER CATEGORY AIRCRAFT: Not Applicable

14) RECOMMENDED OVERHAUL PERIODS: Not Applicable

15) AIRWORTHINESS LIMITATION SECTION: Not Applicable

16) REVISION: A letter will be submitted to the local FSDO with a copy of the revised FAA form 337 and revised ICA. The FAA inspector accepts the change by signing block 3.

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			7. A	oproval for Return To	Service				
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BY FAA F	Fit. Standards ctor	Manufacturer		Inspection Authoriza		Other (Specify)			
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FAA Form 337 (12-88)

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed P/N 22516, external oil filter, full flow type manufactured by Facet Enterprises, Inc. which is identical to Bell Model 205A-1, P/N 22516 oil filter.

Deactivated the electrical bypass light by removing electrical parts and installing a 1/4" 2024T3 aluminum plate and reinstalling same as original "O" rings and screws. Change filter element from original filter to porous media filter element, P/N AC9482F-2.

Filter assembly installed at Station 188 aft right side of engine compartment. Total weight of installation 4.5 pounds.

Fabricated a doubler of 301 1/4 hard .036 stainless steel. Doubler 7 3/4" wide on aft edge, 9" wide on forward edge with 1/4" L angle 5 1/4" long measuring from left to right, 5 3/4" long with 1/4" L angle full length on right side and 4 7/8" long on left side. Doubler fastened with MS20615M-3-3 & 4-4 rivets. Picked up existing row of rivets forward up two existing screws at forward left part to fit existing plate. Trimmed off L angle of existing plate.

Drilled 4 each 1/4" holes to mount filter assembly at approximately 45 degree angle to C/L of helicopter, from right side to left side & aft end forward of doubler, hole #1 2.25" X 4.1", hole #2 3.4" X 5.3", hole #3 5.3" X 1.55" and hole #4, 6.35" X 2.75".

Filter housing assembly fastened to doubler with 4 each AN4-6A bolts with a spacer made of 301 1/4 hard .050 stainless steel between filter & doubler & 4 each AN960-416L washers & AN970-4 washers & AN365-428C nuts.

Used existing hose, P/N 70-056K000V420 (Engine out to oil cooler) and attached to inlet side of external oil filter. Fabricated one new hose of aeroquip 701-10 hose measuring 10 inches long. Installed 45 degree 8846 fitting on one end of hose to firewall and 90 degree 8891 fitting on other end of hose to filter. Installed AN833-10D fitting with AN924-10 nut to inlet side of filter and AN815-10D fitting to outlet side of filter. Used same size "O" rings as original in filter. Covered hose assembly with asbestos cover same as original.

This installation previously approved on 337 dated December 27, 1983 on Bell Model 206L-3, N31801, S/N 51074.

Weight and balance computed.

Additional Sheets Are Attached

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

External Oil Filters

Removed engine external oil filter, associated lines, and hardware previously installed according to FAA Form 337 dated 10 - 29 - 9/.

Installed filter assembly, P/N 1740001, by Facet Filter Products Division according to Petroleum Helicopters, Inc., Drawing Number 206L-431.

This filter assembly is the same unit installed on 206 Series aircraft according to STC SH200GL.

For maintenance instructions concerning this installations, see Petroleum Helicopters, Inc., FAA Approved FAR 135 Maintenance Manual.

Decal required on forward side of aft firewall, PHI-105D-58.

- A. Inspect red button on bottom of bowl for indication of filter bypass.
- B. If red button is not showing proceed with preflight.
- C. Red button showing, reset button once and run engine.
- D. If red button reappears, discontinue operations and investigate reason for filter bypass indication.

Weight and balance amended accordingly.

END

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8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

'Structural Repair'

Repair of Fwd. Lower Shell at Station 103.47

Part Nomenclature:Fwd. Lower ShellPart Number:206-033-100-291Repair Number:PHI-206L-RP-0097Part Number:206-033-100-291

<u>Work performed:</u> Removed damaged area from Fwd. Lower Shell. Fabricated / installed (.025 THK) pan filler and (.025THK) pan doubler using material from Acadiana Composites part number 91B01404 bonded with EA934 and fasteners as required. Installed fiberglass cloth doublers on each end of pan doubler, then completed repair in accordance with repair number: <u>PHI-206L-RP-0097</u>.

Structural repairs made according to the manufacturer's helicopters structural repair manual, except the size of this repair exceeded the limits as specified in the manual.

Approval received for this repair procedure according to data approved on FAA Form 8110-3.By DER:Louis BellottDesignation Number:DERT-750020-SWDated:9-30-04Serial Number:8110-3 LEB 2004-075

Weight and balance amended.

Additional Sheets Are Attached

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US Department of Transportation Federal Aviation Administratio	·	irframe, Pov	verplant, Pro	оре	ller	⁺, or Ap	pliance)		FOT FAALUSE UNIY	
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	-	and Registration N	1ark				Serial No.	00		
1. Aircraft		N206FS					515 Model	06	Series	
		Bell	······				206		L-3	
2. Owner	Name (As	s shown on registra PHI , Inc .	tion certificate)				City <u>I</u>		vangeline T State	LA
				3.	For	FAA Use				
							Init Identificatio	12	.,	
	уре					5. (
Repair	Alteration	Unit		Mak	e		Mc	odel	Se	rial No.
		AIRFRAME				<u></u>	(As described in	n Item 1 abov	/e)	
		POWERPLAN	T							
		PROPELLER								
		APPLIANCE	Туре							
			Manufacture	ər						
		A 1.1				ormity St				
A. Agency Name	s Name and ACADIAN	COMPOSITES		B. I		of Agenc S. Certifica	y ted Mechanic		Manufacture	s
Address		NT DES MOUT		v			ficated Mechanic		C. Certificate No.	imited Airfrome
City Zip	LAFAYET 70507		ate LA S.A.	X			air Station ntenance Organiz	ation	CRS B1H2300N L Limited Special	
have b	een made in	accordance with		s of F	Part 4	13 of the U			ne reverse or attac is and that the info	
Extended ra per 14 CFR	ange fuel Part 43		Signature/Date c	of Au	thori	zed Indivi	dual	105		
App. B			7.	Арр	orova	al for Ret	urn To Service	V 1.	<u></u>	
			s specified below dministration an		e uni			spected in ti	ne manner prescri D	bed by the
BY	FAA Fit. Inspecto	Standards r	Manufacture	ər		Maintena	ance Organizatio	n	Persons Appro Department o	oved by Canadian f Transport
	FAA Des	signee	X Repair Stati	on		Inspectio	n Authorization	С	ther (Specify)	
Certificate Designatio B1H2300N	n No.		Signature/Date c	of Au	thori		1 11	5/09		
FAA For	m 337 (10-06)					U	10-0-2			

NOTICE
Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.
8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
N206FS12-05-2011Nationality and Registration MarkDate
NOMENCLATURE: FUEL CELL SHELF ORIGINAL PART NUMBER: 206-032-117-109 SERIAL NUMBER: P8P334 WORK ORDER NUMBER: W130603AA
OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-019, REVISION B, DATED 2/23/99.
ENDEND

Additional Sheets are Attached

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US Department of Transportation Federal Aviatio Administration				R REPAIR AND owerplant, Pro						Form Ap OMB No 11/30/20	2120-002	Electronic Tracking Number
INSTRUCTI instructions such violatio	and dispos	ition of th	nis form.	es. See Title 14 CF This report is requi	R { red	§43.9, Part 43 by law (49 U.S	Appendix .C. §4470	B, ar 1). Fa	nd AC illure t	43.9-′ o repo	1 (or su rt can re	bsequent revision thereof) fo esult in a civil penalty for eacl
	Nationalit	-	gistratio	n Mark			Serial No					
1. Aircraft	N206 Make	SFS					Model	506				Series
	Bell						2	06				L-3
	Name (As	s shown c	on regist	ration certificate)			Address Address 2					r certificate)
. Owner	PHI,	Inc.					City L	afaye	ette		•	State LA
							zip 7	0508	-2156	6	Cou	ntry USA
					3.	For FAA Use	Only					
	112/20			FAA Inspect				~	P		_ sw-	BTR-FSDO
4. Тур						Unit Identifica	tion					
Repair	Alteration	U	nit	Ma	ake				Mod	el		Serial No.
	\checkmark	AIRFRA	ME	·····			(As des	scribe	d in It	em 1 a	bove)	
		POWEF	RPLANT									
		PROPE	LLER									
		APPLIA	NCE	Type Manufacturer								
		·		ė	5. C	onformity Stat	ement					
Agency's N ame PHI, I		ddress			B	. Kind of Agenc		nic		1	Ma	anufacturer
ddress <u>P. O.</u>		3			\vdash	Foreign Certi						ificate No.
ity Lafay			^	State LA	$\mathbf{\nabla}$	Certificated F						HEER617E
D. I certify have be	en made in d herein is ge fuel	oair and/o accorda	or alterat nce with correct t	tion made to the unit the requirements of o the best of my kno ature/Date of Authori	Pai wie	rt 43 of the U.S edge. I Individual	m 5 above . Federal A	e and viatio	desc on Reg	ribed o	on the re ns and th	everse or attachments hereto nat the information
Арр. В		·	H	AP	pro	AARO oval for Return	<i>V W ↓</i> to Servic		UH	10		1-12-12
				ons specified below ministration and is	/, tł		ed in iter Approve			Rejecte	d	he manner prescribed by the
	A Flt. Stand pector	lards	Man	ufacturer	N	Aaintenance Or	ganization		Othe		tment of	ved by Canadian Transport
FA	A Designee	•)	< Rep	air Station	1	nspection Auth	orization			,000		
Certificate or Designation N HI	EER617E	I		ature/Date of Authori	ized	d Individual	NW	BE	G _{N!}	AUI	2	1-12-12

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		ttach additional sheets. Iden	tify with aircraft nationalit	y and registration	mark and date	work completed.)
				N206FS	6	1-12-12
			Na	tionality and Regis	stration Mark	Date
		Garmin GDL 69/69A	XM Satellite Datalin	Interfaced to (GNC420W G	SPS
1.	No equipment rer	noved for this installation				
2.	Installed a Garmin Drawing PHI-206	n GDL69/69A XM Satelli 5L-13122, Rev. A, dated 8	te Datalink interfaced t /30/2011.	o a Garmin GNC	C-420W GPS	in accordance with PHI
3.	Installed the follo	wing Avionics componen	ts:			
	MFG Type		Station/Loca	<u>m</u>	Circuit Bre	aker
	Garmin GDL Garmin GDL	a arterite D'atalini		Seatback Wall	5 Amp	
	Garmin GA-5		76.50 / Pilot's	Seatback Wall	N/A	
		or or a niterinu	15.00 / Nose		N/A	
4.	All Avionics circu wire used is MIL-	it breakers are located in W-22759 and MIL-W-27	the aircraft manufactur 500 interconnect wire.	er's supplied par	els and are a	ppropriately labeled. All
5.	These components	s were previously installed	l on a PA-32 in accord	ince with STC S.	A01487SE.	
6.	manufacturer 5 mis	the Satellite Weather is installation instructions as for	nterfaced to the Garmir ollows:	GPS for display	and are in ac	ccordance with the
	<u>MFG</u> Garmin GE	<u>Type</u> DL 69 Satellite Weather	Installation Manual	Number <u>Re</u>	<u>vision</u>	
	Garmin	GPS 400 Series	190-00355-0 190-00356-0		J	
			190-00330-0	2	G	
7.	All work accompli	shed in accordance with:				
	A.C. 43.13-1B	CHAPTER 11	SECTION 3-6	Electrical loa	ding and prot	ection.
		CHAPTER 11	SECTION 8-17	Wire routing,	marking and	connecting.
	A.C. 43,13-2B	CHAPTER 10	SECTION 1-2	Weight and b	alance consid	lerations.
	A.C. 45.15-2D	CHAPTER 1	PARA 106 - 111	Structural mo	ounting data.	
		CHAPTER 2 CHAPTER 3	PARA 202 - 206	Equipment pl	nysical mount	ting techniques.
	PHI ESM-1	CHAPTER 1	PARA 305 - 310	Antenna phys		
		THRU 12		Helicopter El Standard Prac	ectrical Speci	fication and
8.						
0.	L Q. abuoi	eets the requirements of F	Rotorcraft Airworthines	s Standards for 1	4 CFR Part 2	27 of the following
	27.1301	Equipment installed pe	rforms its intended fun	ction		
	27.1309(c)	Equipment installed is	not a hazard in the even	it of a malfunction	on	
	27.1321	Arrangement and visib	ility			
	27.1351	Electrical loads does no	ot exceed generator cap	acity		
	27.1357 27.1365	Circuit device protection	n			
	27.1505	Electric cable type and	load			
	27.1581(b)	Compass system tested Flight Manual Supplem	and corrected ent provided if require	1		
	•	ated to reflect installation obtained with.	of this system.			

FAA Form 337 (10-06)

337ATTACHMENT SHEET DATED 1-12-12

 $\cdot \wedge$

- 11. Compass system tested and corrected.
- 12. Electrical load does not exceed 80% of generator capacity.
- 13. Pilot's Guide addendum number 190-00356-30, Revision H or later is required for this installation and must be carried on board when operating the Garmin GDL 69 XM Satellite Weather Datalink.
- Installation checkout testing procedures are to be performed in accordance with Garmin 400/500 series Optional Displays Pilot's guide addendum, number 190-00356-30. For additional installation details see PHI Electrical Diagram no. PHI-206L-13122, Revision A, and Picture & Sketch PHI-206L-PS-0092, Rev. IR.
- 15. Instructions for continued airworthiness PHI-915-206L-ICA-0012, Rev. IR, dated September 13, 2011 are attached.

END

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)										Approved Io. 2120-002 2007	Electronic Tracking Numb For FAA Use Only	ber	
of Transportation Federal Aviation Administration													
INSTRUCTI instructions such violatio	and disposi	tion of t	his form.	es. See Title 14 CF This report is requi	R § red	43.9, Part 43 by law (49 U.9	Appenc S.C. §44	lix B, and 701). Fail	AC 43.9 ure to rep	-1 (or su ort can r	bsequent revision the esult in a civil penalty	for eac	
		Nationality and Registration Mark N206FS					Serial No. 51506						
1. Aircraft	Make						Model				Series		
	Bell							206			L-3		
	Name (As shown on registration certificate) PHI, Inc.						Address (As shown on registration certificate) Address 2001 SE Evangeline Thruway						
2. Owner	PHI,	Inc.				city <u>Lafay</u> _{Zip} 70508							
3. For FAA									2150	0			
hereby an authorized	oproved f in Sectio	or use n 43.7	only or	in has been found the above desc FAA Inspect	crib	ed aircraft,	subjec	t to conf	ormity i	nspecti		13	
4. Тур)e	r			5.	Unit Identific	ation						
Repair	Alteration	Unit		Ma		Mod				Serial N	lo.		
	\checkmark	AIRFRAME					(As described in Item 1		above)				
		POWERPLANT											
		PROP	ELLER										
		<u> </u>		Туре									
		APPLI	ANCE	Manufacturer									
I.		L			6. C	onformity Sta	tement						
A. Agency's Name and Address						U. S. Certifi		chanic		N	lanufacturer		
Address P. O. Box 90808							Certificated Mechanic			C. Ce	C. Certificate No.		
Lafayette State LA zip 70509-0808 country USA							Certificated Repair Station Certificated Maintenance Organiza				HEER617E		
D. I certify	that the re	pair and accord	l/or altera ance with d correct	n the requirements o to the best of my kno	of Pa owle	identified in i art 43 of the U. edge.	tem 5 a	bove and	describe	d on the i ions and	everse or attachments that the information	s hereto	
Extended ran per 14 CFR F App. B	ige fuel Part 43		Sign	ature/Date of Author	$\overline{2}$	AAR		JB	EGN	(UD	1-12	2-15	
Pursuant to Administrat	o the auth or of the Fe	ority giv deral Av	ven pers			oval for Retui the unit ident		item 5 v	vas inspe	ected in cted	the manner prescrib	ed by	
F/	A Flt. Stan			nufacturer		Maintenance (organization		De	Persons Approved by Canadian Department of Transport			
BY	A Designe	e	X Rep	epair Station		Inspection Aut	spection Authorization		Other (S	Other (Specify)			
Certificate or Designation N	√o.			nature/Date of Autho		\frown							
Designation													

		NC	DTICE		
Weight ar compatib	nd balance or operating lim le with all previous alteratio	tation changes shall be eins to assure continued co	ntered in the appropriate nformity with the applica	aircraft record ble airworthine	. An alteration must be ss requirements.
escriptio	n of Work Accomplished ace is required, attach additior	al sheets. Identify with aircra	ft nationality and registration	n mark and date	work completed.)
			N206F	S	1-12-12
			Nationality and Rec	istration Mark	Date
	Garmin GNC 420W Syste	m Interfaced with L-3 Co	omm SKY497 Skywatch	and KCS 55A	Compass System
2.	Removed Garmin GPS 40 Installed a Garmin GNC 4 PHI Electrical Diagrams. 1 206L-PS-0104, Rev. IR.	20W GPS interfaced to a I PHI-206L-12908, Rev. B, 7	3 Communications SKY	7497 Skywatch , and PHI Pictu	in accordance with re & Sketch PHI-
3.	Installed the following Av <u>MFG</u> <u>Type</u> Garmin GNC 420W Garmin GA-56 Comant CI121 King K1525A	ionics components: <u>Description</u> GNC NAV/VHF/GPS GPS Antenna VHF Antenna HSI	Station/Location 41.00/Center console 85.25/Servo Cowling 65.00/Servo Cowling 39.00 / Inst Panel	<u>Circuit Breat</u> 5 Amp N/A N/A N/A	<u>ker</u>
4.	All Avionics circuit breake labeled. All wire used is M	ers are located in the aircra IIL-W-22759 and MIL-W-	ft manufacturer's supplied 27500 interconnect wire.	d panels and ar	e appropriately
5.	These components were pr	reviously installed on a PA	-32 in accordance with S	ГС SA00705W	1.
6.	These avionics installation	s are in accordance with th <u>Type</u>	e manufacturer's installat Installation Manu		s as follows: <u>Revisio</u> n

		manacturer s instanation instruction	is as ionows:
MFG	Type	Installation Manual Number	Revision
Garmin	400W Series	190-00356-02	G
L-3 Communications	SKY497	009-10800-001	Ğ
Allied Signal	KCS 55A Compass System	006-00111-0007	11

7. All work accomplished in accordance with:

1		**	
A.C. 43.13-1B	CHAPTER 11	SECTION 3-6	Electrical loading and protection.
	CHAPTER 11	SECTION 8-17	Wire routing, marking and connecting.
	CHAPTER 10	SECTION 1-2	Weight and balance considerations.
A.C. 43.13-2B	CHAPTER 1	PARA 106 - 111	Structural mounting data.
	CHAPTER 2	PARA 202 - 206	Equipment physical mounting techniques.
	CHAPTER 3	PARA 305 - 310	Antenna physical mounting techniques.
PHI ESM-1	CHAPTER 1		Helicopter Electrical Specification and
	THRU 12		Standard Practices Manual

8. Work performed meets the requirements of Rotorcraft Airworthiness Standards for 14 CFR Part 27 of the following paragraphs:

27.1301 Equipment installed performs its intended function

- 27.1309(c) Equipment installed is not a hazard in the event of a malfunction
- 27.1321 Arrangement and visibility
- 27.1351 Electrical loads does not exceed generator capacity

27.1357 Circuit device protection

27.1365 Electric cable type and load

- 27.1547 Compass system tested and corrected
- 27.1581(b) Flight Manual Supplement provided if required
- 9. Equipment list updated to reflect installation of this system.
- 10. Actual weight and balance complied with.

- 11. Compass system tested and corrected.
- 12. Electrical load tested and found to be within limits.
- 13. Installation of GPS meets requirements of AC20.138, paragraph 7. GPS is interfaced to a KI-525A HSI and is for VFR use only. A placard is installed on the instrument panel in clear view of the Pilot which states "GPS limited to VFR use only."
- 14. An approved flight manual supplement No. PHI-959-206L3GNC420W-001 Revision 1 dated <u>//0-3/-//</u> or later revision is required for this installation and must be carried on board when operating the Garmin GNC 420W interfaced with the B.F. Goodrich Skywatch system.
- 15. Flight check was made on 1-21-12 to assure that the accuracy requirements of AC20.138, paragraph 6 were met during flight (X) YES () NOT APPLICABLE.
- 16. Installation checkout, ground and flight tests are to be performed in accordance with Garmin GNC-420 Pilot's guide and Garmin 400 series Pilot's guide addendum. For additional installation details see PHI Electrical Diagram no. PHI-206L-12908, Revision B, PHI-206L-12763, Rev. B, and PHI Picture & Sketch PHI-206L-PS-0104, Rev. IR.

FND

17. Instructions for continued airworthiness PHI-915-206L-ICA-0014, Revision IR, dated October 4, 2011 are attached.

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US Departme of Transporta Federal Avia Administrati	tion : tion		JOR REPAIR AN e, Powerplant, Pr					Form App OMB No. 2/28/2011	2120-0020		cking Number
instruction	is and dispos	or type all e ition of this fo C. §46301(a)	entries. See Title 14 (orm. This report is req)	CFR §43.9, F uired by law	Part 43 (49 U.S	Appendix B, a .C. §44701). F	ind AC ailure	2 43.9-1 to repor	(or sub t can res	sequent rev sult in a civil	ision thereof) for penalty for each
1. Aircraft	Make	y and Registra N230f				Model 20				Series	3
2. Owner		shown on re エエへ	gistration certificate)			Zip 705	ol s ayet	E E	onuce	line th	state <u>LA</u>
				3. For FA	A Use (Only					
4. T	/pe			5. Unit Id	entifica	tion					
Repair	Alteration	Unit		Make			Moc	iel			Serial No.
		AIRFRAME				(As describ	ed in l	tem 1 al	bove)		
		POWERPLA	NT Rolls Royce			250 C30P				CAE-8 CAG-9.	95594 5161
		PROPELLE	र								
		APPLIANCE	Type Manufacturer								
A Agonovia	Name and A			6. Conform	_						
<u> </u>	Name and Ad			B. Kind o		y Ited Mechanic			Man	ufacturer	
city <u>Rich</u> zip <u>V6X</u>		ntry Canada	State B.C.	Certi	ificated R ificated M	icated Mechanic epair Station laintenance Orga		n 3	39-87	icate No.	
have b	een made in	accordance v	ration made to the un with the requirements act to the best of my kr	of Part 43 of t	the U.S.	5 above and d Federal Aviati	on Re	gulation:	s and tha	at the inform	ation
Extended ra per 14 CFR App. B		- I	ignature/Date of Autho	Λ		- Co	(H. 7	s)			Oct.08/14
Pursuant Administra	to the autho tor of the Fed	rity given pe leral Aviation	ersons specified belo Administration and is	bw, the unit	identifi			inspecte Rejectec		e manner p	prescribed by the
1 1	AA Flt. Stand	ards N	lanufacturer	Maintena	ance Org	ganization	 Image: A state of the state of	Depart	ment of Tr	ed by Canadia ransport	n
F	AA Designee		Repair Station	Inspectio		prization	Othe	er (Speci	iry) 		
Certificate or Designation			ignature/Date of Autho	orized Individ	lual	A	(H-				Oct.08/14
<u>39</u> -87			\sim	17		<u> </u>	<u> </u>		_		

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FAA Form 337 (10-06)

P/N 23064606, S/N 44232 Fiame Sprayed 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00. Final Machined 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00. Installed (Qty 6) New Studs at 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00 Table 301. Final Inspection. Records Of Work Performed Are On File Under Work Order 78644. Further Statements To Follow.	NOTIC	E	
escription of Work Accomplianed If nore space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) IJ230/H II-S-IG Nationality and Registration Mark Date P/N 230044006, SN 44323 Date Plame Sprayed 2.1/2 Bearing Cage Surface IAW 14W3 72-60-00. Final Machined 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00. Flame Sprayed 2.1/2 Bearing Cage Housing IAW 14W3 72-60-00 Table 301. Final Inspection. Flame Sprayed 3.8.4 Bearing Cage Housing IAW 14W3 72-60-00 Table 301. Final Inspection.	Weight and balance or operating limitation changes shall be entere	ed in the appropriate aircraft record	d. An alteration must be
Baseription: Notionality and Registration Mark II-S-LL Nationality and Registration Mark Date	compatible with all previous alterations to assure continued conton		
Baseription: Notionality and Registration Mark II-S-LL Nationality and Registration Mark Date	Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft na	tionality and registration mark and date	e work completed.)
Nationality and Registration Merk Date Prive 23064606, S/N 44232 Date			
P/N 23064606, S/N 44232 Flame Sprayed 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00. Final Machined 2 112 Bearing Cage Surface IAW 14W3 72-60-00. Flame Sprayed 3 & 4 Bearing Cage Housing IAW 14W3 72-60-00 Table 301. Final Inspection. Records Of Work Performed Are On File Under Work Order 78644. Further Statements To Follow.			
Flame Sprayed 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00. Final Machined 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00. Installed (Qty 6) New Studs at 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00. Flame Sprayed 3 & 4 Bearing Cage Housing IAW 14W3 72-60-00 Table 301. Final Inspection. Records Of Work Performed Are On File Under Work Order 78644. Further Statements To Follow.	escription: Rolls Royce Gearbox Cover P/N 23064606, S/N 44232		
Final Machined 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00. Installed (Qty 6) New Studs at 2 1/2 Bearing Cage Surface IAW 14W3 72-60-00. Final Inspection. Final Inspection.		2-60-00	
Flame Sprayed 3 & 4 Bearing Cage Housing IAW 14W3 72-60-00 Table 301. Final Inspection. Records Of Work Performed Are On File Under Work Order 78644. Further Statements To Follow.	Final Machined 2 1/2 Bearing Cage Surface IAW 14W3 72	2-60-00.	
Records Of Work Performed Are On File Under Work Order 78644. Further Statements To Follow.	Flame Sprayed 3 & 4 Bearing Cage Housing IAW 14W3 7	2-60-00 Table 301.	
Further Statements To Follow.	Final Inspection.		
Further Statements To Follow.			,
Further Statements To Follow.			
Further Statements To Follow.	· · · · ·		
Further Statements To Follow.			
Further Statements To Follow.			
Further Statements To Follow.	Il Records Of Work Performed Are On File Linder Work Orde	or 78644	
	lo Further Statements To Follow.		

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US Departme of Transportal Federal Aviat Administratio	tion tion		DR REPAIR ANI Powerplant, Pro		-	Form Approved OMB No. 2120-002 2/28/2011	0 Electronic Tracking Number For FAA Use Only
instruction	is and dispos	t or type all ent sition of this form .C. §46301(a))	ries. See Title 14 Ci n. This report is requ	FR §43.9, Part 4 ired by law (49 U	3 Appendix B, and AC .S.C. §44701). Failure	3.9-1 (or sul to report can re	osequent revision thereof) for soult in a civil penalty for each
	Nationali	y and Registration	on Mark	·····	Serial No.		
		N230PH			515	06	
1. Aircraft	Make		· · · · · · · · · · · · · · · · · · ·		Model		Series
		Bell			206		L-3
	Name (A		tration certificate)		Address (As shown	on registration	certificate)
					Address 200	SE Evan	
2. Owner			ĩ		City LaPaya	ette	State
	P	HI Ine			Zip <u>70508</u>	-2156_Cour	ntry <u>USA</u>
				3. For FAA Use	Only		
					at a suite a		
4. Ту		Г		5. Unit Identific	ation	<u> </u>	
1					1		
Repair	Alteration	Unit	Ma	ake	Moc		Serial No.
		AIRFRAME		· · · ·	(As described in l	tem 1 above)	
		POWERPLANT	Rolls Royce		250 (30P		CAE-895594 CAG-95161
		PROPELLER					
			Туре			, · · ·	
		APPLIANCE	Manufacturer	· ·			
·	_		·	6. Conformity Sta	atement		
A. Agency's N	Name and Ad	ldress		B. Kind of Agen	icy		
Name H-ST	ool & Parts	Inc.		U. S. Certifi	cated Mechanic	Ma	nufacturer
Address <u>#140-</u>	2560 Simp	son Road	· · · · · · · · · · · · · · · · · · ·	✓ Foreign Cer	tificated Mechanic	C. Certi	ficate No.
city Richm			State B.C.	Certificated	Repair Station		
zip <u>V6X 2</u>	2 P9 Cou	ntry Canada		Certificated	Maintenance Organization	n <u>39-87</u>	3.
have be	en made in	accordance with	ion made to the unit(the requirements of o the best of my kno	Part 43 of the U.S	m 5 above and describ S. Federal Aviation Re	ed on the revers gulations and th	se or attachments hereto at the information
Extended ran	ge fuel	Signa	ature/Date of Authori	zed Individual, -		\frown	
per 14 CFR P App. B	Part 43 [□ c .	Trsek	16	A	$\left(\begin{array}{c} H-S \\ 7 \end{array} \right)$	Aug.29/14
			7. Ap	proval for Retur	n to Service	·····	
			ons specified below ministration and is	, the unit identi	ified in item 5 was i ✔ Approved	nspected in th Rejected	e manner prescribed by the
Ins	A Flt. Standa	ards Man	ufacturer	Maintenance O	organization	Persons Approv Department of T	
	A Designee	Rep	air Station	Inspection Aut	orization	er (Specify)	
Certificate or		Siana	ature/Date of Authori	zed Individual		(H-S)	
Designation No	0.			1 1.		$\left(\begin{bmatrix} r \\ 1 \end{bmatrix} \right)$	
39-87		<u>C</u> .	Trsek	YU		\sim	Aug.29/14

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identity with aircraft nationality and registration mark and date work completed.) N230H Nationality and Registration Mark Date Description: Rolls Royce Gearbox Housing P/N 23064603, S/N HL 15168 1. Repaired Breather Seal Bore IAW RSS 1051. 2. Installed (Qly 3) New Studs At Breather Seal Bore IAW 14W3 72-00-00. 3. Repaired Engine Mounts IAW RSS 1012 and E.O. 128. 4. Repaired Statter Garlock Seal Bore IAW 14W3 72-00-00 and LDA 1233-GDS-1003. 5. Repaired City 4 o) IP ump Drive Seal Bore IAW 14W3 72-00-00. 7. Repaired City 4 o) IP ump Drive Seal Bore IAW 14W3 72-00-00. 8. Flane Sprayed Torquemeter Bore IAW 14W3 72-00-00. 9. Final Machined Torquemeter Bore IAW 14W3 72-00-00. 10. Repaired Torquemeter Bore IAW 14W3 72-00-00. 11. Replaced (Qly 4) IP Tachometer Governor Studs IAW 14W3 72-00-00. 12. Final Machined Torquemeter Bore IAW 14W3 72-00-00. 13. Finate Sprayed Torquemeter Bore IAW 14W3 72-00-00. 14. Replaced (Qly 4) IP Tachometer Governor Studs IAW 14W3 72-00-00. 15. Replaced (Qly 4) IP Tachometer Governor Studs IAW 14W3 72-00-00. 16. Replaced (Qly 4) IP Tachometer Governor Studs IAW 14W3 72-00-00. 17. Final Inspection. 7. Repaired Statter Governor Cocating Bore and Fiange IAW RSS 1051. 11. Replaced (Qly 4) PT Tachometer Governor Studs IAW 14W3 72-00-00. 12. Final Inspection. 7. Repaired Statter Governor Cocating Bore and Fiange IAW RSS 1051. 7. Repaired Statter Governor Studs IAW 14W3 72-00-00. 7. Final Inspection. 7. Repaired Statter Governor Studs IAW 14W3 72-00-00. 8. Finate Statter Governor Studs IAW 14W3 72-00-00. 8. Finate Statter Governor Studs IAW 14W3 72-00-00. 9. Finat Inspection. 7. Repaired Statter Governor Studs IAW 14W3 72-00-00. 7. Repaired Statter Governor S	8. Description of Work Acc	complished	ets Identify with	aircraft nationa	ality and registrati	on mark and dat	e work completed	 1.)
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed a cargo net to restrain cargo in the hat rack area at Station 148

Removed Cargo Net to restrain cargo in the Hat Rack area previously installed on FAA form dated 12-26-91 and installed Cargo Net to restrain cargo in the hat rack area, see PHI Drawing PHI-206-60174, Rev. B, dated 8-27-98.

This alteration is in accordance with data previously approved on FAA form 337, dated June 02,2000 for Bell model 206L-3, N49EA, serial number 51507, and is approved for duplication on identical make, model, and altered configuration when accomplished by the original modifier.

The installation is similar to AC 43.13-2A, figure 12.5 and was made according to AC 43.13-2A, paragraph 243b. Picked up existing hardware points on aircraft.

The installation was load tested according to AC 43.13-2A, paragraph 246b for up to 45 lb. load. See PHI Structural Static Load Test Document Number PHI-206-ST-0001.

For fabric burn test see PHI Report Document PHI-060-BT-0001.

The weight and balance was amended as necessary.

Installed placard on hat rack as follows:

PULL RED STRAPS TO RELEASE CARGO NET MAX. WT. ALLOWED 45 LBS.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

This instruction for continued airworthiness gives the data that is needed to fulfill the requirements of CFR parts 23, 25, 27, 29, 33, or 35, sections 23.1529, 25.1529, 27.1529, 29.1529, 31.82, 33.4, or 35.4 as applicable.

ITEM NAME: HAT RACK STORAGE BIN, CARGO RETAINING NET

1) INTRODUCTION: "Hat rack" storage bin. Installation of a cargo retaining net. Addition of a web net to restrain cargo in the hat rack, which is located above the aft rear seats. Maximum load is 45 pounds and will be placarded.

CHARLEN BIR

2) DESCRIPTION: Installation of a cargo retraining net mounted across the hat rack opening.

3) CONTROL, OPERATION INFORMATION: Secure top out board straps over threaded studs and retain with lock pins.

4) SERVICING INFORMATION: None require.

337 ATTACHMENT SHEET DATED N206FS S/N 51506 MODEL 206L-3

5) MAINTENANCE INSTRUCTIONS: Petroleum Helicopters Inc. Maintenance program or FAA Annual. Inspect for condition and security.

- 6) TROUBLE SHOOTING INFORMATION: None required.
- 7) REMOVAL AND REPLACEMENT INFORMATION: Remove and install in accordance with drawing PHI-206-60174.
- 8) DIAGRAMS: None required.
- 9) SPECIAL INSPECTION REQUIREMENTS: None required.
- 10) APPLICATION OF PROTECTIVE TREATMENTS: None required.

11) DATA: In accordance with drawing PHI-206-60174.

12) LIST OF SPECIAL TOOLS: None required.

13) FOR COMMUTER CATEGORY AIRCRAFT: N/A

14) RECOMMENDED OVERHAUL PERIODS: N/A

15) AIRWORTHINESS LIMITATION SECTION: N/A

16) REVISION:

A letter will be submitted to the local FSDO with a copy of the revised FAA form 337 and revised ICA. The FAA inspector accepts the change by signing block 3.

END

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NOTICE Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be
compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.
8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
N 206F5 SEP 1 8 2009
N 2065 SEP 1 8 2009 Nationality and Registration Mark Date
NOMENCLATURE: HORIZONTAL STABILIZER ORIGINAL PART NUMBER: 206-023-119-151 SERIAL NUMBER: AO-04154 WORK ORDER NUMBER: W137200AA
OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-052, REVISION A, DATED 8/30/99.
END
Additional Sheets are Attached
FAA Form 337 (10-06)

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

		N230PH	JAN 22 2012		
		Nationality and Registration Mark	Date		
	INCREASED GRO	SS WEIGHT UPGRADE			
Installed Increased Gros Instruction BHT-206-SI with Flight Manual Supp	-2052 Rev. 1 dated Oc	t in accordance with Bell Helic ctober 14, 2010. Installed 206L ctures Data.	opter Service 4 Flight Manual		
Compass tested and corr	ected as required.				
Performed Actual Weigh	nt and Balance.				
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FAA Form 337 (10-06)

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8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Modification to Input Pinion

Transmission S/N A-45 TT.6067:15 TSO:1598:30

Installed a No. 8 neoprene plug in Transmission input pinion out board end in addition to Bell Helicopter Textron cork. This No. 8 neoprene plug is an aid to prevent oil leakage through the cork.

The Data for this modification is FAA Approved on FAA Form 8110-3 serial number 8110-961 dated 5 June 1996 by Bell Helicoper FAA DER James D. Rockwood No. SW-931 Powerplant/Structural.

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ando	dispositi	on of this form	i. Th	is report is require n 901 Federal Avia	d by law	(49 U.S.C. 1421). Fa	ilure to rep	ort can result in	a civil pen	alty not to exc	eed \$1,000		
		Make					Model			· · · · · · · · · · · · · · · · · · ·			
I. Airc	raft		11					206L-3	ion Mark				
		Serial No.	506	4			Nationality and Registration Mark N206FS						
- 				on registration ce	rtificate	•)			certificate)				
				Credit Cor			Address (As shown on registration certificate) 111 Westminster Street						
2. Owr	ner	2		· ·	4	Providence, RI 02903							
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<u></u>						3. For FAA Use O	nly						
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Ų	nit			ake		Model	NO.	Repair	Alteratio				
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AIRFRA	ME .	~		****************	AS dest	ribed in Item 1 abo	(2) ••••••	*****	·		A		
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POWER	PLANT		•				1						
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		Helicop		s The		U.S. Certificate	d Mechanic			RAME, POWI			
		90808	ιει	5, IIIC.		Foreign Certific	ated Mechan	nic		CESSORIES			
		, LA 70	509	•		X Certificated Re	pair Station			CLASS 1			
				·		Manufacturer	· · · · · · · · · · · · · · · · · · ·		CRS N	O. HEER61	L7E		
- ha	ave been	made in acco	orda	or alteration made t nce with the requir correct to the bes	rements	it(s) identified in ite of Part 43 of the U. knowledge.	n 4 above a S. Federal A	nd described or Aviation Regula	the revers tions and t	e or attachmer that the inform	nts hereto lation		
Date						Signature of Authority	orized Indiv	idual		,			
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Admi	uant to t inistrator	of the Federa	give al Av	n persons specifie viation Administration	ion and	v, the unit identifie is XXAPPROVE		JECTED	in ine ma	inner prescribe	su by the		
, Γ	FAA Inspe	Fit. Standards		Manufacturer		Inspection Authoriz	ation	Other (Specify	<i>)</i>				
BY -	FAA	Designee	x	Repair Station		Person Approved by Canada Airworthine							
Dateof	Approva	l or Rejection		Certificate or Designation No.		Signature of Autho	rized Indivi	dual		47497D			
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FAA	Form	337	(12-88)
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

INSTALLED THE FUL	LOWING EQUIPMEN	r
MODEL	STATION	DRAWING NUMBER
1 ea. King KY196A VHF System 1 ea. King KT76A Transponder System 1 ea. ACK A-30 Blind Encoder System 1 ea. PHI 001L Mixer Box & ICS System 1 ea. King KLN-88 Loran System 1 ea. Avionics Master Circuit 1 ea. FF-40 FM Radio System 1 ea. DK100 Dukane Pinger	43.30 40.00 30.00 48.00 38.60 73.00 23.20 225.00	PHI-11368 PHI-206L1-11094 PHI-206L1-11094 PHI-11360 PHI-206L3-12048 PHI-206L3-11698 PHI-11170 403-206L+B
The Dukane "pinger" is a self contained battery unit and an aid in locating underwater wreckage of crashed aircra	does not use any airc ft.	raft systems. It is utilized as
Individual systems protected by following circuit breake 3 amp, PHI mixer box/ICS - 5 amp, KLN-88 Loran - 3 amp,	rs; VHF KY196 - 7.5 am and FF 40 Radio - 5 am	ар, КТ76А - 3.0 амр, АСК А-30 - p.
Battery and generator are sufficient for electrical load	according to AC43.12-2	NA, Para. 27D, Chapter 2.
Installation made to withstand loads as per AC43.13-2A,	Chapter 1, Para. 2.	
Wiring was installed in a suitable manner for protection substances and abrasion damage AC43.13-2A, Chapter 2, Pa	against fuel, cil, wat ra. 27A-2.	ter and other detrimental
Wires and cables are supported by insulated clamps to pr Section 7, Para. 518.	event chafing according	y to AC43.13-1A, Chapter 11,
Equipment located where it is sufficiently cooled and wo parts of the aircraft. AC43.13-2A, Chapter 2, Para. 21A	uld not be a smoke haza and 27E.	ard or ignite readily inflammable
Equipment switches and circuit breakers placarded for ra Para. 27C (4).	iio installation as req	uired AC43.13-2A, Chapter 2,
Adequate means of inspection are provided for racks, rel to AC43.13-2A, Chapter 1, Para. 8.	ated parts, equipment a	and adjacent components according
Antenna instaliation located and installed similar to AC Also followed guides of paragraph 42.	43.13.2A, Chapter 3, p	paragraphs 36a and b and 38b.
Installation of Loran meets the requirements of Advisory App. 3. Loran is a stand alone unit and for V.F.R. use	Circular 20-121, parag only.	yraph 6a1, 2, and 3 App. 1 and
* For Transponder Certification:		
I certify that Transponder, Part Number KT-76A, has b (FAR 91.413 and (FAR 43 Appendix F.)	een tested and inspecte	ed and found to comply with
* For Automatic Pressure Altitude Reporting Certificati	on:	
I certify that the installed Automatic Pressure Altit and found to comply with (FAR 91.171) and (FAR 43 App	ide Reporting System ha endix E, paragraph C.)	ns been tested and inspected
Compass corrected as required.		
Amended weight and balance as required.		
	END	

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US Department of Transportation Federal Aviatik Administration	o (Airfra	MAJOR REPA ame, Powerpla					e)	F	oroved 2120-0020 For FAA Use Intification	Only	
and disposi	IONS: Print or type tion of this form. Th ch violation (Sectio	is report is require	d by la	w (49	U.S.C. 1421) F	and AC 43 ailure to re	.9-1 (or subseque eport can result in	nt revision a civil pena	thereof) for i alty not to exc	nstructions ceed \$1,000	
	Make				1958).	Model		·			
.	Bell					Model	206L-3				
1. Aircraft	Serial No.			Nationality and Registratio							
	5150										
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۰.				4.	Unit Identificat	on			5. Type		
Unit	• • Ma	ike			Model		Serial N	0.	Repair	Alteration	
AIRFRAME		•••••••••••••••••••••••••••••••••••••••	As des	cribe	d in Item 1 abo	/8)	*****	•		x	
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PROPELLER					•••						
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		- · · · ·	· · ·	<u> D.</u>	Kind of Agency				ficate No. ME, POWE	TOT ANT	
P.O. Box	n Helicopter: 90808	s, inc.			Foreign Certific	ated Mecha	nic		ESSORIES		
	e, LA 70509			X	Certificated Rep	air Station			CLASS 1,		
nave beer	at the repair and/or made in accordan herein is true and o	ice with the require	ments	of Pa	art 43 of the U S	14 above a 6. Federal	Ind described on t Aviation Regulati	he reverse	or attachmen at the inform	te barata	
Date					nature of Autho	rized Indiv	vidual			<u></u>	
1	0-29-9	<i>\</i>				\sim)	SCH	NEIDER.		
			7. Ap	prova	I for Return To	Service		-3			
Pursuant to t Administrator	the authority given r of the Federal Avi	persons specified ation Administratio	belov on and	v, the is	unit identifled	In item 4	was inspected in EJECTED	the manr	ner prescribe	d by the	
Y FAA	Fit. Standards	Manufacturer		Insp	ection Authoriza	tion	Other (Specify)		· ·		
FAA	X	Repair Station		Perso Cana	on Approved by Ida Airworthines	Transport s Group					
ate of Approva	-	Certificate or Designation No.		Sign	ature of Author	ized Indivi	idual	30	MNEIDER		
10-2	9-91	HEER617E		1	James	<u>22)</u>		~			

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMP craft nationality and reg	LISHED (If more space is required, attach istration mark and date work completed	additional sheets. 1.)	Identify with air-
Installed a cargo areaStation 148	net to restrain cargo in th	e hat rack	*
See PHI Drawings	206L-507, sheets 1,2, and 3	of 3.	
made according to	is similar to AC 43.13-2A Fi AC 43.13-2A paragraph 243b. points on aircraft.	gure 12.5 and Picked up	was N
The installation paragraph 246b.	was load tested according to	AC 43.13-2A,	
The weight and ba necessary.	lance was computed and equip	ment list ame	nded as
Installed placard	on hat rack ás follows:		
•			· .
	PULL RED STRAPS TO RELEASE CARGO NET MAX. WT. ALLOWED 45 LBS.		2
- *			· · · · ·
•	END		
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	ADDITIONAL SHEETS ARE ATTACH	τ ρ	
C FAA AC 72-4906)	\mathbf{i}	€ U 3 5PO 1981 - **5-322 47

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	viation	(A	\irfra	me, Pow	rpla	nt,	,	Propeller	, or Aj	opliance)		F	or FAA Use On	ly
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		Make BELL			1				Model 2	062-3			TRA CONTRACTOR OF THE OWNER	
1. Aircr	raft	Serial No.					Nationality and Registration Mark						······································	
		5	1.506			_	NZOGFS					,		
2. Owne	er	Name (As shown			T. 10				Address (As shown on registration certificate) 2001 SEE ANGEUNE THEYW 99					
		PETROLEY	n N	EUGPICAD	שאיע.		LAFAYETTE, LA. 70508-2156							
		<u>l</u>					-	3. For FAA Use		FAYETTE,	LA.	. 70508-2.	156	
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AIRFRAN	ME		~~~~~		(As de:	scri	iĿ	oed in item 1	above) [,]					\boxtimes
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		r HEUROPTER 90808	11200	L		╟	-	U.S. Certified Med Foreign Certified			-	HEER GITE AIRFRAME, F	OWER PLAN	it AND
		E. LA. 70509	ç			R	Q	Certified Repair S Manufacturer	lation	· · · · · · · · · · · · · · · · · · ·		ALC. LIMITED RADIS CLASS		,
D. Icer ha	ertify that ave been	the repair and/or alterati made in accordance will ue and correct to the best	on made th the req	uirements of Part	ified in item 43 of the U.	4 ab S. Fe	bov	ve and described or	the reverse ations and the	or attachments here at the information fur	no:		1, 2, AA3 :	,
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ву		AA Fil Standards spector		Manufacturer			ſ	inspection Authoriz	ation		Oth	er (Specify)		
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

NOTICE

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with alrcraft nationality and registration mark and date work completed.)

1) Installed Lord 206 Elastomeric Tail Rotor Flapping Bearing Kit In accordance with Installation and Service Manual SM6470, Rev. "0", dated April 25, 2000. Ref: STC#SR09248RC

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US Department of Transportation Federal Aviath Administration	m (Airi m	MAJOR REP.					;e)	F	oroved 2120-0020 For FAA Use Intification	Only	
		pe all entries. See FA This report is require tion 901 Federal Avi				and AC 4 ailure to 1	3.9-1 (or subseque report can result ir	ent revision a civil pen	thereof) for i alty not to ex	instructions ceed \$1,000	
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1. Aircraft	Bel	1					206L-3				
	Serial No. 515	06				Nation	ality and Registrat	ion Mark			
• .		vn on registration c	ortific	N206FS							
2. Owner		et Credit Con									
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AIRFRAME	~~~~	•••••••••••••••••••••••••	As de	scrib	ed in Item 1 abo	/e)	······	·		X	
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Petroleum	Helicopter	s Tro			U.S. Certificated		······································		ME, POWE	PPT ANT	
P.O. Box	90808				Foreign Certifica	ited Mecha	nic		SSORIES		
Lafayette	, LA 70509)		X	Certificated Rep	air Station		RADIO	CLASS 1,	2, & 3	
D. I certify the have been	at the repair and/o made in accorda	or alteration made to nce with the require correct to the best	the ui	nit(s) s of P	Manufacturer identified in item Part 43 of the U.S	4 above a	and described on the		HEER61		
furnished I ate	nerein is true and	correct to the best	of my	KIIOV	vledge.					шоп	
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Pursuant to th Administrator	ne authority given of the Federal Av	n persons specified iation Administratio	helo	4 +b	al for Return To e unit identified XKAPPROVED	in item 4	was inspected in	the manne	er prescribed	i by the	
	It. Standards	Manufacturer		Ť	ection Authorizat		EJECTED Other (Specify)				
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10-1	9-91	HEER617E		0		0		~	HNEIDER		

FAA Form 337 (12-88)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) Installed fire extinguisher on aft side of vertical tunnel, fuselage station 83. See PHI drawing number PHI 360-206L, sheet 1. Fire extinguisher and bracket is mounted with existing aircraft vertical tunnel bolts and made to withstand loads as per AC 43.13-2A Chapter 1, Paragraph 2 Table of Limits. Materials and fasteners used conform to AC 43.13-2A, Chapter 1, paragraphs 4 and 6. Adequate means of inspection are provided for rack, related parts, equipment and adjacent components according to AC 43.13-2A Chapter 1, paragraph 8. ć Weight & balance amended as required and equipment list amended according to AC 43.13-2A, Chapter 1, paragraph 9. Total weight 4 lbs. ____END-----

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0				4-1. N.						orm App			
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Administration													
and dispositi	ion of this for	m. Th	all entries. See FAF lis report is required in 901 Federal Aviat	by lav	N (49	U.S.C. 1421). Fa							
	Make Be	211				· · · · · · · · · · · · · · · · · · ·	Model	206L-	-3				
1. Aircraft	Serial No.				Nationality and Registration Mark								
		.506	5		N206FS								
		_	on registration cei	tificat									
2. Owner	Banc O	ne	Texas Lea	sing	g Corp. 2400 Corporate Exchange Drive Columbus, OH 43231							Drive	
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Unit	· · · ·	Ma	ake			Model		Serial	NO.		Repair	Alteration	
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APPLIANCE	Manufacture	er											
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P.O. Bo:	x 90808	L			X	Certificated Rep				Radio C	lass 1, 2,	& 3	
Lafayet	te, LA	70	509			Manufacturer					HEER617E		
have been	made in acc	ordar	r alteration made to nce with the require correct to the best	ements	s of F	identified in iten Part 43 of the U.S	n 4 above a 5. Federal A	nd described o Aviation Regula	on th atio	e reverse ns and th	or attachme hat the inform	nts hereto nation	
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8	-14-	76	7		C	Villian	et-la	<u>ille</u>			· .		
				7. Ap	prov	al for Return To	Service						
Pursuant to t Administrator	he authority of the Feder	giver al A v i	n persons specified iation Administratio	belov bn and	w, th is	e unit identified APPROVEI		was inspected JECTED	d in	the man	ner prescrib	ed by the	
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FAA	Form	337	2-88

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

INSTALLED THE FOLLOWING EQUIPMENT

DRAWING NUMBER STATION MODEL 206L1-12003 1. Instrument Services Clock 40.0

Individual system protected by a fuse; 1.) 1/4 amp.

Installation made to withstand loads as per FAA advisory circular AC43.13-2A, Chapter 1, paragraph 2.

Battery and generator are sufficient for electrical load according to AC43.13-2A, paragraph 27d, Chapter 2.

Wiring was installed in a suitable manner for protection against fuel, oil, water, and other detrimental substances and abrasion damage, AC43.13-2A, Chapter 2, paragraph 27a(2).

Wires and cables are supported by insulated clamps to prevent chafing according to AC43.13-1A, Chapter 11, section 7, paragraph 518.

Equipment located where it is sufficiently cooled and would not be a smoke hazard or ignite readily flammable parts of the aircraft, AC43.13-2A, Chapter 2, paragraph 21a and 27e.

Adequate means of inspection are provided for racks, related parts, equipment, and adjacent components according to AC43.13-2A, Chapter 1, paragraph 8.

Compass corrected as required.

Weight and balance amended as required.

----END-----END-----

US Departm of Transporta	ent (Airfram)	JOR REPAIR e, Powerplant	AND A	ALTERATI(ller, or App	ON bliance)			Use Only		
Federal Avia Administrat	ation					0	ffice Identificati	on		
anu uisposi	IONS: Print or type all e tion of this form. This for ch violation (Section 901	m is required by law	V (49 U.S.C	3 Appendix B, a . 1421). Failure	nd AC 43.9- to report car	1 (or subseque result in a civ	ent revision the vil penalty not to	reof) for ins o exceed \$	tructions 1,000	
1. Aircraft	Make	icopters			Model	206L-3				
T. Anoran	Serial No. 51506	A				and Registration	on Mark			
2. Owner	Name (As shown on Petroleu	registration certifica Im Helicopters, I		Address <i>(As shown on registration certificate)</i> 2001 SE Evangeline Thruway Lafayette, La. 70508						
	n da se la compansión de la		3. For	FAA Use Only						
			4. Uni	t Identification				5. Type		
Unit	Mak	e		Model		Se	rial No.	Repair	Alteration	
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APPLIANCE	Manufacturer									
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nave bee	that the repair and/or alte en made in accordance v d herein is true and corre	with the requirement	ts of Part 43	tified in item 4 a	bove and de deral Aviatio	escribed on the n Regulations	e reverse or atta and that the int	achments h formation	ereto	
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Administrato	the authority given person or of the Federal Aviation	ons specified below, Administration and	the unit ide is	entified in item 4	D []	REJECTED		by the		
	A Flt. Standards N spector	lanufacturer		ction Authorizat		Other (Specify	/)			
F4	A Designee X R	lepair Station	Perso Cana	on Approved by dian Airworthine	Transport ss Group					
	oval or Rejection C	Certificate or		ture of Authoriz						

Weight and balance or operating limitation changes shall be entered in the appropriate alrcraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

STC INSTALLATION

Installed Altair Avionics Corporation - Allied Signal Aerospace Intellistart Plus Electronic Control System in accordance with STC-SR00113BO and PHI Drawing Number PHI-206-60387 Rev. IR, dated 10-02-01. This installation is in conjunction with Altair Avionics Corporation - Allied Signal Aerospace Intellistart Electronic Control Unit in accordance with STC-SE00026EN for the engine.

-----END------

RFM supplement, DPU-T-250-1, installed in the flight manual as required.

Weight and balance amended as required.

Compass corrected as required.

in

US Departme of Transporta Federal Avia Administrati	ition I tion		AJOR REPAIR AND le, Powerplant, Pro			Form Appro OMB No. 21 11/30/2007		acking Number Only		
instruction	TIONS: Print ns and dispos ation. (49 U.S.	ition of this	entries. See Title 14 CF form. This report is requir a))	R §43.9, Part 43 red by law (49 U.5	Appendix B, and a S.C. §44701). Failur	AC 43.9-1 (e to report o	or subsequent rev can result in a civi	vision thereof) for il penalty for each		
	Nationalit N206		tration Mark		Serial No. 51506					
I. Aircraft	Make			, <u>,</u> ,	Model		Series			
	Bell	shown on	registration certificate)		206 Address (As sho	wn on reaist	L-3			
2. Owner	PHI,		egistration certificate)		Address 2001 SE	Evangelin	e Thruway	- 1.4		
2. Owner	,				city Lafayette		Country USA	State LA		
				3. For FAA Use						
		/	FAA Inspect	or: <u>Man</u> 5. Unit Identifica		<u></u>	SW-BTR-FSD	0		
Repair	ype Alteration	Unit	Ma	ake		odel		Serial No.		
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		POWERPI	_ANT							
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		APPLIANC	CE Manufacturer							
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	Name and A	aaress		B. Kind of Agend U. S. Certific	zy ated Mechanic		Manufacturer	<u></u>		
1 - 6	<u>). Box 9080</u> ayette	8			ificated Mechanic	C	. Certificate No.			
		untry USA	State LA		Repair Station Maintenance Organiza	tion	HEEF	R617E		
D. I certi have	fy that the re been made in	pair and/or a	alteration made to the uni e with the requirements of rect to the best of my kno	Part 43 of the U.S wledge.	em 5 above and de 5. Federal Aviation F	escribed on Regulations	the reverse or atta and that the inform	achments hereto nation		
	U .		Signature/Date of Author	7) 8E6 NAL•E	>	1-	12-12		
Extended ra per 14 CFR App. B			7. Ar	proval for Return		inepoeted	in the manner	prescribed by		
per 14 CFR App. B	to the	ority alver			ieu in item 5 was	Rejected	in the manner	higgoined ny		
per 14 CFR App. B Pursuant			persons specified below on Administration and is	v, the unit identif	Approved		· · · · · · · · · · · · · · · · · · ·			
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Per 14 CFR App. B Pursuant Administr	ator of the Fe FAA Flt. Stand	deral Aviatio	persons specified below on Administration and is		rganization	Persons	ent of Transport	lan		
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3. Description	of Work Accomplish	terations to assure co	·····	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
(IT MOTO SPA	ice is required, attach	additional sheets. Identii	y with aircraft nationali	N206FS			· · · · · · · · · · · · · · · · · · ·
			Na	tionality and Regi	stration Mark		ate
	L-3 Communicat	ions SKY497 Skywat	ch Traffic Advisory	System Interfa	ced to a Garı	min ĠNĊ-42	20W GPS
1.	No equipment rem	oved for this installati	on.				
2.	electrical diagrams	ommunications Sky49 no. PHI-206L-12763 tion – 1" of PHI-206L	Rev. B, PHI-206-12	908, Rev. B, and	PHI Picture	S in accorda & Sketch PH	nce with PHI I-206L-PS-
3.	Installed the follow MFG	ving avionics compone Type		-	Station / La		
	L-3 Communica L-3 Communica	tions TRC-497	Descriptic Trans/Receiver Co Directional Anten	mputer 2	Station/Loc 202.00/Aft bag 3.00/ Aft Serve	g. Comp.	<u>C/B.</u> 5.0 amp N/A
3.	All Avionics circui All wire used is M	it breakers are located IL-W-22759 and MIL	in the aircraft manufa W- 27500 interconne	cturer's supplied	d panels and a	re appropria	tely labeled.
4.	These components	were previously insta	lled on an A23CE air	craft in accordan	ice with STC	SA00733CH	
5.	These Avionics ins MFG	stallations are in accord		acturers installat n Manual Numb		ns as follows Revision	
	L-3 Communicat Garmin		009	0-10800-001 0-00356-02	<u>JC1</u>	Rev. G Rev. G	
6.	All work accomplia A.C. 43.13-1B A.C. 43.13-2B	shed in accordance wi CHAPTER 11 CHAPTER 11 CHAPTER 10 CHAPTER 1 CHAPTER 2	th: SECTION 3-6 SECTION 8-17 SECTION 1-2 PARA 106 - 111 PARA 202 - 206	Wire routing, Weight and b Structural mo	iding and prot , marking and palance consid punting data. hysical mount	connecting. lerations.	es
	PHI ESM-1	CHAPTER 3 CHAPTER 1 THRU 12	PARA 305 - 310	Antenna phys Helicopter El	sical mounting lectrical Speci ctices Manual	g techniques. fication and	
7.	paragraphs: 27.1301 Equ 27.1309(c) Equ 27.1321 Arra 27.1351 Elea 27.1357 Circ 27.1365 Elea 27.1365 Corr	eets the requirements ipment installed perfor- ipment installed is no angement and visibilit ctrical loads does not e cuit device protection ctric cable type and loa npass system tested an ht Manual Supplemen	rms its intended func t a hazard in the even y exceed generator capa ad d corrected	tion t of a malfunctio city		Part 27 of the	e following
8.	Equipment list upda	ated to reflect installat	ion of this system.				
9.	Actual weight and l	balance complied with					
10.	Compass system te	sted and corrected.					
			Additional Sheets Ar	Attachs-			

- 11. EMC testing will be conducted in accordance with SKYWATCH Installation Manual for Qualitative EMI ground and flight test.
- 12. Electrical load does not exceed 80% of generator capacity.
- An approved Rotorcraft Flight Manual Supplement No. PHI-959-206L3-SKY497-005, Revision 0 dated <u>10-3/-//</u> or later revision is required for installation and must be carried on board when operating an L-3 Communications SKY497 SKYWATCH TRAFFIC ADVISORY SYSTEM.
- Installation checkout, ground and flight tests are to be performed in accordance with L-3 Communications SKY497 Installation Manual and Garmin 400 Series Pilot's Guide Addendum. For additional installation details see PHI electrical diagram no. PHI-206L-12763, Rev. B, PHI-206-12908, Rev. B, and PHI Picture & Sketch PHI-206L-PS-0036, Rev. G.

END

15. Instructions for continued airworthiness PHI-915-206L-ICA-0015, Revision IR are attached.

US Departmen	nt			R REPAIR A	•					Form Ar OMB No 11/30/20	o. 2120-0020 007	Electronic Tracking Number
of Transportati Federal Aviat Administratio	ion ion in	•		owerplant, l	-							
instruction	TIONS: Print s and dispos tion. (49 U.S.	ition of th	is form.	es. See Title 14 This report is r	4 CF equir	R§₄ ed b	43.9, Part 43 y law (49 U.	3 Appendi S.C. §447	x B, and 01). Failu	AC 43.9- re to repo	1 (or subs ort can res	equent revision thereof) ult in a civil penalty for ea
الاورانية معدوم معروم معروم وريم م	Nationalit N778		gistratio	n Mark				Serial 7	No. 60035	<u></u>		
1. Aircraft	Make	/lake						Model				eries
	Sikor	-	n reaist	ration certificate)		والمراجع والمراجع		S-76 ss (As sho	wn on rea	gistration c	A ertificate)
2. Owner	PHI,		niogia		,			Address City Zip	2001 SE Lafayette 70508-2	Evange e	eline Thru	way
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Repair	Alteration	Ur	nit		Ma	ke			N	lodel		Serial No.
		AIRFRA	ME					(As c	lescribed i	n Item 1 a	above)	
		POWER	PLANT									
		PROPE	LLER									
		APPLIA	NCE	Type Manufacturer				-				
A. Agency's	Name and A	ddress			6		nformity Sta Kind of Ager					
Name <u>PHI</u> ,	inc.						U.S.Certifi	cated Mech				lfacturer
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D certif	9-0808co y that the re	nair and/o	r altera	ion made to the	e unit	(s) id	Certificated	tem 5 abo	ve and de	escribed	on the reve	erse or attachments hereto
have b furnish Extended ra per 14 CFR App. B	ned herein is nge fuel	true and c	correct t	o the best of my ature/Date of Au	thori:	vied zed i	ge.	luin	Ĥ	tuy		t the information
Pursuant	to the authoria	ority give	n perso	ons specified b	elow		e unit ident	ified in it	em 5 wa	s inspect	ted in the	manner prescribed by
F	AA Flt. Stand			ministration and	15	Ma	aintenance C	Appro		Perso		d by Canadian ansport
BY.	AA Designee	×	(Rep	air Station		In	spection Aut	horization	0	ther (Spe	ecify)	
Certificate or Designation			Signa	ature/Date of Au	ithori:			Xa	in	Xa	tw/a	N 12-18-20
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Nationality and Registration Mark Date Nationality and Registration Mark Date Experimentary Date Installed a lead acid battery in accordance with Teledyne Battery Products STC SR01601NY-D, reissued July 15, 2004, and Keystone Helicopter Installation Drawing List DL00684 No Revision dated December 23, 2003 or later FAA approved revision. Keystone Helicopter Corp. FAA Approved Rotorcraft Flight Manual Supplement No. FM00684 No Revision, FAA approved January 7, 2004 or later FAA approved revision, is installed in the rotorcraft flight manual. Weight and balance amended as required.			N778		10 16 00 11
STC Lead Acid Battery Installation Installed a lead acid battery in accordance with Teledyne Battery Products STC SR01601NY-D, reissued July 15, 2004, and Keystone Helicopter Installation Drawing List IDL00684 No Revision dated December 23, 2003 or later FAA approved revision. Keystone Helicopter Corp. FAA Approved Rotorcraft Flight Manual Supplement No. FM00684 No Revision, FAA approved January 7, 2004 or later FAA approved revision, is installed in the rotorcraft flight manual.					12-18-2011 Date
Installed a lead acid battery in accordance with Teledyne Battery Products STC SR01601NY-D, reissued July 15, 2004, and Keystone Helicopter Installation Drawing List IDL00684 No Revision dated December 23, 2003 or later FAA approved revision. Keystone Helicopter Corp. FAA Approved Rotorcraft Flight Manual Supplement No. FM00684 No Revision, FAA approved January 7, 2004 or later FAA approved revision, is installed in the rotorcraft flight manual.			Nationality and reg	giadation Mark	Date
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No Revision, FAA approved January 7, 2004 or later FAA approved revision, is installed in the rotorcraft flight manual.	Keystone Helicopt	ter Corp. FAA Approve	ed Rotorcraft Flight Man	ual Supplem	ent No. FM00684
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			- 21 -		

United States Of America Department of Transportation - Federal Abiation Administration

Supplemental Type Certificate

Number SR01601NY-D

This Certificate issued to

Teledyne Continental Motors 840 West Brockton Avenue P. O. Box 7950 Redlands, California 92375

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 29 of the Federal Aviation Regulations.

Original Product Type Certificate Number : H1NE

Make: SIKORSKY

Model: S-76A & S76C

Description of Type Design Change: Installation of Lead Acid battery (Gill G-6381ES) in accordance with Keystone Helicopter Installation Drawing List IDL00684, No Rev., dated December 23, 2003, or later FAA approved revision.

Limitations and Conditions

- 1. Keystone Helicopter Corp. FAA Approved Rotorcraft Flight Manual Supplement No. FM00684, No Rev., FAA approved January 7, 2004 or later FAA approved revision, is required with this notification.
- 2. This approval should not be incorporated in any aircraft of this specific model on which other approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously incorporated approved modifications will not introduce any adverse effect upon the airworthiness of the aircraft.
- 3. 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.
- 4. Compatibility of this design change with previously approved modifications must be determined by the installer.

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 July 14, 2003 Date of issuance January 7, 2004 *Date reissued* February 25, 2004; July 15, 2004; October 8, 2004

Date amended :

By direction of the Administrator

(Signature)

Manager, Technical & Administrative Support Staff, Los Angeles 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.

FAA Form 8110-2(10-68)

Page 1 of 2

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2. 0	wner	Banc O	ne	Texa	s Leas	ing	Co	rp.	2400 Colu	te Exchange Drive 43231			
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POW	ERPLANT		•	-									
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APPL	IANCE	Manufacture	er				1.						
	· · · · ·					6.	· · · · ·	nformity State					
A Agency's Name and Address Petroleum Helicopters, Inc. P.O. Box 90808 Lafayette, LA 70509							B. K X	(ind of Agenc U.S. Certificat Foreign Certifi Certificated Re Manufacturer	ficate No. e, Powerplant, & ries Limited lass 1, 2, & 3 HEER617E				
D.	have be	that the repair a en made in acc d herein is true	ordar	nce with	the requiren	nents	of Pa	rt 43 of the U	em 4 above a I.S. Federal	and described on Aviation Regula	the revers ions and t	e or attachme hat the inforn	nts hereto nation
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Pu Ad	rsuant to ministrat	o the authority or of the Feder	giver al Av	n person iation Ac	s specified Iministration	below n and i	i, the	unit identifie		was inspected		nner prescrib	ed by the
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircrait nationality and registration mark and date work completed.)

Installed Aeronautical Accessories, Inc., lightweight, replacement, nitrogen, reservoir assembly on emergency flotation system in accordance with STC SR00175AT.

END

US Department of Transportation Federal Aviation	n (Airfr								Form Approved OMB No. 2120-0020 For FAA Use Only Office Identification		
anddisposi	tion of this form. T	e all entries. See FAF his report is require on 901 Federal Avia	d by lav	w (49	U.S.C. 1421), Fi	and AC 43.9- ailure to repo	1 (or subseque ort can result in	nt revision a civil pena	thereof) for i alty not to exc	nstructions ceed \$1,000	
· ···	Make Bell				· · · · · · · · · · · · · · · · · · ·	Model 206	5L-3				
1. Aircraft	Serial No. 51506					Nationality	and Registrati	on Mark			
		n on registration ce	rtificat	e)			s shown on reg	gistration of	ertificate)	· · ·	
2. Owner	CIT Le	asing Corporati	ion			121	l Avenue of	the Am	ericas FL	21	
						New	v York, NY	10036-8	701		
				3.	For FAA Use O	nly	3				
-											
	1			4.	Unit Identificati	on			5. Type		
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POWERPLANT											
PROPELLER					<u>, , , , , , , , , , , , , , , , , , , </u>						
APPLIANCE	Type Manufacturer										
		L	e	6. Co	nformity Staten	nent					
	ame and Address			В.	Kind of Agency			†	icate No.		
Petroleum P.O. Box 9	Helicopters, In 1999	nc.			Foreign Certifica		:	7	e, Powerplant, ries Limited - 1		
Lafayette,				X	Certificated Rep	air Station		7	3 - CRS No. I		
D. I certify th have been	at the repair and/o made in accorda	or alteration made to nce with the require correct to the best	ements	of Pa	art 43 of the И S	4 above and 5. Federal Av	described on t iation Regulation	he reverse	or attachmer at the inform	nts hereto ation	
Date	- 19-200				nature of Artho	rized maivid	T	#	BIENVENU		
			7. An	Drova	for Return To	A	eyptub	12			
Pursuant to t Administrator	he authority giver of the Federal Av	n persons specified iation Administratic	below	v. the		in item 4 w	as inspected in	the manr	ner prescribe	ed by the	
Inspe	Fit. Standards	Manufacturer		Inspe	ection Authoriza	tion	Other (Specify)				
FAA I	Designee X	Repair Station		Perso Cana	on Approved by da Airworthings	ransport s Group	6	\sum_{n}			
Date of Approva		Certificate or Designation No. HEER617E			ature of purfor		wer A	B			

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Structural Repairs

Repair Procedure For Forward Lower Shell Assembly

Part Nomenclature:	Lower Shell Assy.	Part Number:	206-033-100-261
Repair Number:	PHI-206L-RP-0012	Part Serial Number:	AO-07112
	Rev. IR, 7/25/2000		

This repair is valid only for Bell Model 206L3, helicopter serial number 51506.

Structural repairs made according to the manufacturer's helicopters structural repair manual, except the size of some repairs exceeded the limits as specified in the manual.

Approval received for these repairs according to data approved on FAA Form 8110-3ByCasey DugasDesignation NumberDERY-750072-SWDatedJuly 25, 2000Serial Number2000-28

Weight and Balance amended.

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Additional Sheets Are Attached

US Departmen of Transportation Federal Aviation	on		IAJOR REPAIR AND ne, Powerplant, Pro						Form Ap OMB No 11/30/20	2120-0020	Electronic Tracking Number
Administration	IONS: Print	or type a	Il entries. See Title 14 Cl	FR	<u>8</u> 4	3.9, Part 43	Appendix B,	and AC	43.9-1	(or sub	osequent revision thereof) for
instructions	s and dispos ion. (49 U.S.	ition of this C. §46301	s form. This report is requi (a))	ired	d by	/ law (49 U.S	S.C. §44701). I	ailure 1	to repoi	rt can re	sult in a civil penalty for each
	Nationalit N230		stration Mark			Serial No. 51506					
1. Aircraft	Make Bell						Model 206				Series L-3+
	1		registration certificate)		rauto koa se		Address (As Address 200				
2. Owner	PHI,	inc.					city Lafa	yette)8-2156			state LA
				3.	. Fo	or FAA Use					
4. Ty			1 NA		5. Unit Identification			Mod			Serial No.
Repair	Alteration	Uni		ake							
	\checkmark	AIRFRAM	1E				(As descril	bed in it	em 1 a	bove)	
		POWERF	PLANT								
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			Туре								
		APPLIAN	CE Manufacturer								
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city Lafay	vette		State LA	V	1	Certificated F	Repair Station				HEER617E
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have b	een made in	accordance	alteration made to the un e with the requirements of prrect to the best of my kno	f Pa	art 4	43 of the U.S	m 5 above ar . Federal Aviat	id desc ion Reg	ribed o gulation	n the rev s and th	verse or attachments hereto at the information
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BY	spector A Designee	x	Repair Station		Insp	pection Auth	orization	Othe	r (Spec		
Certificate or	~		Signature/Date of Author	izer	d In	ndividual					
Designation N	№. IEER617E		THUMAS LAN				en La	a	1~10	-2012	•
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FAA Form 337 (10-06)

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scription of Work /	Accomplished			
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			N230PH	1-15-2012
			Nationality and Registration	Mark Date
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Aeronautic Revision P	al Accessories, Ind	2. STC SH1990S 21, 2000, AA-86	enger Doors Opener Kits in a 30 and Installation Report no 5010, Revision L, dated Apr	umbers AA-90059,
SH2804SO Instruction 01149, Rev	-D and Installation s for Continued Ai	n Report number rworthiness for ober 5, 2010. In:	AA-93083, Revision S, data Crosstubes are covered under stalled Flight Manual Supple al.	ed December 8, 2003. er Report Number AA-
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FAA Form 337 (10-06)

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

Number SH199050

This cortificate; issued to

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

cortifies that the change in the type design for the following product with the limitations and conditions

therefor as specified herein mult the sinverthiness requirements of Part 6 of the Civil Air 21.29 Federal Aviation

Regulations

Original Product - Type Costificato Number: H2SW

Make: Bell Model: 206A, 206B, 206L, 206L-1, 206L-3, 206L-4, 407

Description of Type Design Change:

Manufacture of Automatic Door Opener Kits in accordance with Aeronautical Accessories, Inc. Drawing List Report No. AA-86001, no revision, dated May 13, 1986, or later FAA approved revisions, and installation per "Installation Instructions" listed in that report.

Limitations and bunditions:

Compatibility of this design change with previously approved modifications must be determined by the installer. 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.

This cortificate and the supporting data which is the basis for approval shall remain in effect until sur-

rendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the

Federal Iniation Idministration.

November 8, 1985 Date of application :

Sinte reissured :

Gale of issuance :

September 3, 1986



October 5, 1992, March 19, I ale unended 1996, March 11, 1998

By direction of the Adjorings bouton

for Paul C. Sconyers (Mature) Associate Manager, ACE-117A Atlanta Aircraft Certification Office (Tille)

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.



Aeronautical Accessories, Inc P.O. BOX 3689 BRISTOL, TENNESSEE 37625-3689 U.S.A. TELEPHONE: 423-538-5151 800-251-7094 TELEFAX: 423-538-8469 E-MAIL: sales@aero-access.com

TO:	Petroleum Helicopters, Inc.
ATTN:	Lee Prejean
DATE:	January 31, 2007
REF:	Authorization Letter

Aeronautical Accessories, Inc. authorizes your company to install all of our "STC" products on your "fleet of aircraft".

Our "STC" products are listed in our product catalog.

Regards, **James Rumley** Marketing/Sales Mgr.

United States of America

Department of Transporation-Nederal Aviation Administration

Supplemental Type Certificate

Number SH2804SO-D

This certificate issued to

Aeronautical Accessories, Inc. 441 Industrial Park Drive Piney Flats, TN 37686

certifies that the change in the type design for the following product with the timitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 6 of the Civit Air and Part 21.29 of the Federal Aviation Regulations:

Original Product-Type Certificate Number: H2SW

Make: Bell Helicopter Textron

Model: 206L, L-1, L-3, L-4

Description of Type Design Change: High Skid Landing Gear in accordance with Aeronautical Accessories, Inc. Drawing List Report AA-90009, Revision A, dated May 23, 1990, and installation per Report AA-90008, No Revision, dated April 11, 1990 or Report AA-90055, No Revision, dated October 29, 1990, or Report AA-93083, No Revision, October 29, 1993 or later FAA/DAS approved revisions.

Limitations and Conditions: The Rotorcraft Flight Manual Supplement, Report No. AA-90010, Revision B, dated April 23, 1998, or AA-90010, Revision B, dated April 23, 1998, or AA-90012, Revision B, dated April 23, 1998 or later FAA/DAS approved revisions and the Instructions for Continued Airworthiness, Aeronautical Accessories, Inc. Report AA-01145, Revision A, dated March 27, 2003, and AA-01149, No Revision, dated September 7, 2001, or later AEG accepted revisions are required. Compatibility of this design change with previously approved modifications must be determined by the installer. 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.

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

Dale of application: March 2, 1990

Date of issuance:

August 1, 1990



Date amended: March 11, 1998; December 30, 1999; June 6, 2003

By Direction of the Administrator

Stephen E. Joseph DAS Administrator, DAS-750215-SW

(Title)

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

FAA FORM 8110-2 (10-65) Februarenteupn) Page 1 of 1.

This certificate may be transferred in accordance with FAR 21 47.



Aeronautical Accessories, Inc P.O. BOX 3689 BRISTOL, TENNESSEE 37625-3689 U.S.A. TELEPHONE: 423-538-5151 800-251-7094 TELEFAX: 423-538-8469 E-MAIL: sales@aero-access.com

TO:	Petroleum Helicopters, Inc.
ATTN:	Lee Prejean
DATE:	January 31, 2007
REF:	Authorization Letter

Aeronautical Accessories, Inc. authorizes your company to install all of our "STC" products on your "fleet of aircraft".

Our "STC" products are listed in our product catalog.

Regards, James Rumley Marketing/Sales Mgr.

Department of Transportation—federal Aviation Administration Supplemental Type Certificate

Number SH5773SW

This cortificate; issued to

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

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

Regulations.

Conjunal Product - Type Carlificate Number: H25W Make: Bell

Mako: H2SW Mako: Bell Helicopter Textron, Inc. Madel: 206A, 206B, 206L, 206L-1, 206L-3, 206L-4

Description of Supportioning Change: Installation of rubber seal mounted crew door windows and/or crew door wedge windows with vent in accordance with Aeronautical Accessories, Inc. Drawing List Report No. AA-95001, no revision; dated January 9, 1995, (previously known as Heli-Plex Installation Drawing No. 26HP900, Revision C, dated August 15, 1989) or later FAA approved revision.

finitations and benditions: Compatibility of this modification with previously installed equipment must be determined by the installer.

This cortificate and the supporting date 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: April 24, 1984

Jale research : Octobe

October 26, 1990

Gato of issuance :

August 3, 1984

Determended: June 23, 1989, Rev. 1, October 5, 1992, January 13, 1995 By direction of the Staministration

Roger D. Anderson Manager, Atlanta Aircraft

anager, Atlanta Alferati Certification Office (Tide)

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

FAA Form 4110-2(10-44)

This certificate may be transferred in accordance with FAR 21.47.



Aeronautical Accessories, Inc P.O. BOX 3689 BRISTOL, TENNESSEE 37625-3689 U.S.A. TELEPHONE: 423-538-5151 800-251-7094 TELEFAX: 423-538-8469 E-MAIL: sales@aero-access.com

TO:	Petroleum Helicopters, Inc.
ATTN:	Lee Prejean
DATE:	January 31, 2007
mee.	

REF: Authorization Letter

Aeronautical Accessories, Inc. authorizes your company to install all of our "STC" products on your "fleet of aircraft".

Our "STC" products are listed in our product catalog.

Regards, James Rumley Marketing/Sales Mgr.

				<u></u>					Form Approve	ed	Electronic Tracking Number
		MAJOR	RE	PAIR AN	D A	LT	ERATIO	N	OMB No. 2120-0020 11/30/2007		
US Department of Transportation Federal Aviation Administratio		irframe, Po	we	rplant, Pro	эре	ller	r, or App	oliance)		<u></u>	For FAA Use Only
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		and Registration	Mark					Serial No.			
1 Aluguatt	N20 Make	6FS						51 Model	506		Series
1. Aircraft	Bel	1						20	16		L-3
		s shown on registra	ation	certificate)				Address (As sh	hown on registrat	tion cert	tificate)
	}	, Inc.						Address	2001 SE I	Evan	geline Thruway
2. Owner									Lafayette 508-2156		try USA
						5			500-2150		
					3.	For	r FAA Use	Only			
4. T	Гуре	<u> </u>					5. U	nit Identificati	on		
Repair	Alteration	Unit			Make	е		M	lodel		Serial No.
		AIRFRAME		Real and the second				(As described	bed in Item 1 above)		
		POWERPLAN	√ T								
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City	LAFAYET		tate	LA	X		ertified Repa		, 		B1H2300N Limited Airframe
Zip	70507		.S.A	•				tenance Organi	zation	Limit	ted Specialized Services
have b	been made in		th the	e requirements	sofP	⊃art 4	43 of the U.				erse or attachments hereto that the information
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Арр. Б	<u></u>			7.	App	orov	al for Retu	Irn To Service	<u>.</u>		
Pursuant te Administra	o the authori itor of the Fe	ity given persor	าร sp Adm	ecified below	v, the d is	e uni			inspected in t		nner prescribed by the
BY	FAA Flt. Inspecto	Standards or		Manufacture	эr		Maintena	nce Organizati			Persons Approved by Canadian Department of Transport
	FAA Des	signee	х	Repair Stati	on		Inspectio	n Authorizatior	C	ther (Specify)
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

	N206FS Nationality and Registration Mark	11/15/2011 Date
NOMENCLATURE: NOSE FAIRING ORIGINAL PART NUMBER: 206-031-124-101 UPGRADED TO PART NUMBER: 206-031-124-149 SERIAL NUMBER: BP0000070 WORK ORDER NUMBER: W168173AA)	
OVERHAULED PANEL MENTIONED ABOVE IN TEXTRON, INC. FAA APPROVED OVERHAUL PR 4/29/98 AND UPGRADED IN ACCORDANCE WIT DATED 10/15/02, REVISION E.	OCEDURE NUMBER PHI-4	50-OP-024 DATED
END		

US Department	· · · / Δi		AJOR REPAI					-	Form Approved OMB No. 2120- For FAA	0020 Use Only			
of Transportation Federal Aviation	n .	ana	me, i owei piai	n, F1	ohei	er, or App	mance)	ŀ	Office Identification				
INSTRUCTION and disposition	NS: Print or t	This i	Il entries. See FAR of form is required by la 01 Federal Aviation A	w (49 l	J.S.C. ⁻	Appendix B, ar 1421). Failure 1	id AC 43.9-1 to report can	(or subseque result in a civ	nt revision thereo il penalty not to e	f) for instruction	ctions 00		
	Make		lelicopters	ACT OF 1	958).		Model	206L-3					
1. Aircraft	Serial No. Nationality and Registration Mark 51506 N206FS								tion Mark				
2. Owner			on registration certifi easing Corporatio		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Address (As shown on registration certifica 1211 Ave of the Americas New York, NY 10036-8701					5 FI 21		
	······				3. For	FAA Use Only							
The data ide identical airc	ntified herei raft make, i	in co node	omplies with appli el and altered cor	icable nfigrat	airwo ion wl	rthiness req nen accomp	uirements lished by t	and is appu he original	roved for dupli modifier.	cation on	I		
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I				6.	Confor	nity Statement				L	I		
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						Manufacturer				ass 1,2,3	ſ		
have been n	nade in accord	dance	lteration made to the with the requiremen rect to the best of my	its of Pa	art 43 o	ied in item 4 at of the U.S. Fee	ove and des eral Aviation	cribed on the Regulations a	reverse or attach	ments here nation 2	ito		
Date 08-	-19-	Ŀ	000		Signa	ture of Autoria	zed Individua	and					
			7	Appro	val for	Return to Servi	ice C	1		WENU_			
Pursuant to the Administrator of	authority give the Federal A	n per viatio	sons specified below on Administration and	, the ur d is		tified in item 4 X APPROVE		d in the manr	er prescribed by	the			
FAA I Inspe	Flt. Standards ctor		Manufacturer		Inspec	tion Authoriza	tion	Other (Speci	fy)	· ·			
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AA Form 337			L			10-1	v J	Jone -	7 DIENVEN	IU			

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) NOSE SHELF, AVIONICS / TIE DOWN

Installed rack manufactured from 2024T3 aluminum sheet and aluminum angles. See PHI Drawing Number 400-206. Located rack to left hand nose of aircraft picking up existing mounting points and located others as necessary to mount rack. Secured with approved fasteners. Rack provides mounting for tie down kit, ELT, and certain radio transceivers.

Performed load analysis in accordance with Petroleum Helicopters Load Test Document Number PHI-206-ST-0006. Installed decal indicating "Max Allowable Weight" of 40 pounds on shelf.

Structure will withstand required loads as per AC 43.13-2A, chapter 1, paragraph 2. Fabrication is consistent and compatible with aircraft structure as per AC 43.13-2A, chapter 1, paragraph 5. Materials and fasteners are all of approved types according to AC 43.13-2A, chapter 1, paragraphs 4 and 5. Parts are protected from corrosion and do not interfere with required inspection.

Equipment is located where it is sufficiently cooled and would not be a smoke hazard or ignite readily inflammable parts of the aircraft, AC 43-13-2A, chapter 2, paragraphs 21a and 27e.

Adequate means of inspection are provided for racks, related parts, equipment, and adjacent components according to AC 43.13-2A, chapter 1, paragraph 8.

Amended weight and balance as required.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

This instruction for continued airworthiness gives the data that is needed to fulfill the requirements of CFR parts 23, 25, 27, 29, 33, or 35, sections 23.1529, 25.1529, 27.1529, 29.1529, 31.82, 33.4, or 35.4 as applicable.

ITEM NAME: NOSE SHELF, AVIONICS/TIE DOWN

1) INTRODUCTION:

Installed rack in the left hand nose area of the aircraft to provide mounting for the tie down kit, ELT and certain radio transceivers.

2) DESCRIPTION:

Nose shelf (rack) is manufactured of 2024T3 aluminum sheet and angle. It is secured to the aircraft structure by picking up existing mounting points and locating others as necessary.

3) CONTROL, OPERATION INFORMATION:

N/A

337 ATTACHMENT SHEET DATED

- 4) SERVICING INFORMATION: N/A
- 5) MAINTENANCE INSTRUCTIONS: Inspect for condition and security in accordance with Petroleum Helicopters, Inc. Maintenance Program or FAA Annual.

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- 6) TROUBLE SHOOTING INFORMATION: N/A
- 7) REMOVAL AND REPLACEMENT INFORMATION: Install and remove in accordance with PHI Drawing 400-206.
- 8) DIAGRAMS: PHI Drawing Number 400-206.
- 9) SPECIAL INSPECTION REQUIREMENTS: N/A
- 10) APPLICATION OF PROTECTIVE TREATMENTS: N/A
- 11) DATA: PHI Drawing Number 400-206 and PHI Load Test Document PHI 206-ST-0006.
- 12) LIST OF SPECIAL TOOLS: N/A
- 13) FOR COMMUTER CATEGORY AIRCRAFT: N/A
- 14) RECOMMENDED OVERHAUL PERIODS: N/A
- 15) AIRWORTHINESS LIMITATION SECTION: N/A

16) REVISION:

A letter will be submitted to the local FSDO with a copy of the revised FAA form 337 and revised ICA. The FAA inspector accepts the change by signing block 3.

US Departme of Transporta Federal Avia Administratio	tion tion		AJOR REPAIR ANE ne, Powerplant, Pro				le le	Form App OMB No. 11/30/200	2120-0020)7	Electronic Tracking Number For FAA Use Only
instruction	TIONS: Prin is and dispos tion. (49 U.S	sition of this	entries. See Title 14 CF form. This report is requi a))	FR §	343.9, Part 43 by law (49 U.	Appendix B, a S.C. §44701). Fa	nd AC ailure to	43.9-1 5 repor	(or sub: t can res	sequent revision thereof sult in a civil penalty for e
	Nationalii N206		tration Mark			Serial No. 51506				
1. Aircraft	Make					Model				Series
	Bell					206				L-3
2. Owner	Name (A PHI,		registration certificate)			Address (As Address 2001 City Lafay	SE Ev ette	rangel	ine Thru	IWayState LA
					For FAA Use		3-2156		Count	y USA
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4. Ty	/pe			5.	Unit Identific	ation				
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		3		\vdash		ated Mechanic			Manı C. Certific	ufacturer cate No.
Name <u>PHI</u> , Address P. O	Address P. O. Box 90808 City Lafayette State LA					Certificated Repair Station				HEER617E
Address <u>P. O</u> City Lafa	yette			1	Contineated i			1		
Address <u>P. O</u> City <u>Lafa</u> Zip <u>7050</u>	yette 9-0808_ ∽			√	Certificated I	Maintenance Organ				
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Address P. O City Lafa Zip 7050 D. I certif have b furnish Extended ra per 14 CFR App. B Pursuant Administra	yette <u>9-0808</u> co y that the rep been made in hed herein is nge faet Part 43 to the author tor of the Fee AA Fit. Stance	pair and/or a accordance true and cor	Iteration made to the uni with the requirements of rect to the best of my kno Signature/Date of Authori Patrick P. Mc Don 7. Ap persons specified below n Administration and is	Part wiec ald prov /, th	Certificated f dentified in itt t 43 of the U.S ige. Individual Val for Return e unit identif	Maintenance Organ em 5 above and Federal Aviation Luc P. M. S. to Service ied in item 5 Approved ganization	descr on Regu Www.	alations 2 specte ejected Person	d in the	erse or attachments here t the information 11-06-201 manner prescribed by d by Canadian

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

3. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft national sheets. Identify with aircraft national sheets.	ionality and registration mark and date w	ork completed.)
	N206FS	11-06-2011
	Nationality and Registration Mark	Date
Structural Repair		
Repair of Oil Cooler Deck Assembly	y. (Support Panel)	2
Part Nomenclature: Support Panel Assembly Part Number: 206-033- Repair Number: 11RL-121	322-001	
Work Accomplished: Cut out damaged area on support panel as req composite bond doubler overlay using materials noted in repair # 11F		
Structural repair made according to the manufacturer's helicopters st exceeded the limits as specified in the manual.	ructural repair manual, except the s	ize of this repair
Approval received for this repair according to data approved on Forn	n AE-100-1.	
Certification Delegate: M. Bouchard. Delegate Number: CD 029 Dated: 10-31-2011. S.O.C. Serial Number: C2434		
Actual Weight and Balance complied with.		
		•
Additional Sheet	ts Are Attached	<u></u>

Hurst, Ken	PHI-937-E-111031-01R
From:	pselight [pselight@bellhelicopter.textron.com]
Sent:	Monday, October 31, 2011 10:32 AM
То:	Hurst, Ken
Cc:	Quebedeaux, Jack (CSR); Saucier, James (CSR)
Subject:	Re: 206L-3 S/N 51506 DAMAGE (CORR) OIL COOLER DECK P/N 206-033-322-003 (REF PHI- 206L-DA-0210) <pse 2011101171-1="" no:="" request=""></pse>

Attachments: u11RL_121_3.pdf; u11RL_121_1.pdf

Good Monday morning Ken,

Please see attached sheets for approved repair procedure based on the data you have submitted.

The attached Statement Of Compliance form AE-100-1 s/n C-2434 applies only to subject aircraft or part and BHT Field Repair scheme **#11RL-121**. TC/DE approval covers the design engineering aspects only. Accomplishment may require approval as per local aviation authority requirements. This approval is applicable only to parts obtained through sources approved by Bell Helicopter Textron.

The attached repair procedure is considered to be Bell Helicopter proprietary information. The use of this information for purposes other than intended will negate the T.C. and BHT approvals, unless authorized in writing from Bell Helicopter.

NOTE: Be aware that further to the transfer of the 206 series type certificate under Transport Canada responsibility, FAA/DER 8110-3 approval form has been replaced with Statement Of Compliance form (S.O.C.) AE-100-1. FAA/DER approval form 8110-3 is no longer offered with repair schemes.

If we can provide any additional information, please advise,

Regards,

Eric Parent 5

Product Support Engineering

ВС!! н	elicopter
	A Textron Company
Canada:	(800) 361-9305
U.S. Only:	(800) 363-8023
Tel:	(450) 971-6407
Fax:	(450) 433-0272

pselight@bellhelicopter.textron.com

NOTICE: This E-mail (including attachments) is covered by both Canadian and U.S. law, including but not limited to the Electronic Communications Privacy Act, 18 U.S.C. §§ 2510-2521, is confidential, may contain proprietary information, and may be legally privileged. If you are not the intended recipient, you are hereby notified that any retention, dissemination, distribution, or copying of this communication is strictly prohibited. Please reply to the sender that you have received the message in error, then delete it.

10/31/2011

----Original Message-----From: Hurst, Ken Sent: WEDNESDAY, OCTOBER 26, 2011 1:32 PM To: pselight Cc: Subject: 206L-3 S/N 51506 DAMAGE (CORR) OIL COOLER DECK P/N 206-033-322-003 (REF PHI-206L-DA-0210)

Structural Repair Request Form

Date: 10/26/2011

Number of pages (including this one): 2

Send to:

(817) 280-2635 [for model 214 (all variants)]

(450) 433-0272 [for all other commercial models]

Sender: Ken Hurst_____

Company: PHI, Inc._____

Email address: khurst@phihelico.com_____

Tel: (337) 272-4593_____

Fax: (337) 272-4575_____

X Owner and/or Operator

Repair Facility

10/31/2011

I

Dear PSE, please provide us with an approved repair for the damage described below.

Thanks.KH (your initials)

Aircraft Information

Model: 206L-3

Serial Number: 51506

Flight Time: 12324:02

Registration: N206FS

Status:

Routine

X Work Stoppage

AOG

Damage Description

Part Number: 206-033-322-003

Serial Number:

Tailboom Part Number (if applicable):

Tailboom Serial Number (if applicable):

Description: (attach a sketch)

The following attachment (PHI-206L-DA-0210) shows damage (corrosion) on oil cooler deck P/N 206-033-322-003.

For your ref. I have attached a Bell repair (08RL-077) which was give to PHI for damage on another aircraft.

Thank you,

Ken Hurst

10/31/2011

PHI, Inc.

Engineering Department

This form may also be scanned and email with the sketch and/or other attachments to the appropriate electronic address below for action.

HYPERLINK "mailto:pselight@bellhelicopter.textron.com"pselight@bellhelicopter.textron.com for 47, 206, and 407 (all variants)

HYPERLINK "mailto:psemedium@bellhelicopter.textron.com"psemedium@bellhelicopter.textron.com for 204, 205, 212, 412 (all variants)

HYPERLINK "<u>mailto:pseinter@bellhelicopter.textron.com</u>"pseinter@bellhelicopter.textron.com for 222, 230, 427, 430 (all variants)

HYPERLINK "mailto:psemil214@bellhelicopter.textron.com"psemil214@bellhelicopter.textron.com for 214 (all variants)

<< 4 attached file(s) >>

BELL HELICOPTER TEXTRON

CANADA LTD.

CIVIL CERTIFICATION

DAO # 92-Q-01

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				S	6.301	R
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Systems; S ≊	Structures; PE = Powerplants and En	issions; AL = Avionics and L			FC	RM AE-100-1

<u>S/N 51506</u>

<u>PHI, INC.</u>

MODEL 206L-3

SUPPORT INSTL

PART NUMBER 206-033-322-001

NOTES: Refer to BHT-ALL-SRM, Sections 3 & 4 and to Appendix "A" respectively for process sheets and for standard repair materials.

Refer to BHT-ALL-SPM, Section 13 for Item C-xxx definitions.

All repair procedures to be carried out in accordance with BHT-ALL-SRM approved processes.

The Instructions for Continued Airworthiness (ICA) are not affected by this repair.

1.0 REQUIRED:

1.1	-1 doubler using Bell standard 150-021-14B.									
1.2	-2 filler using Bell standard 150-021-10B.									
1.3	Grommets MS35489-15. (Qty. 2, if required).									
1.4	Fasteners:NAS9301B-4 rivets, grip length to suit.80-004-2D20 insert.									
1.5	Bonding adhesive:	General purpose	(Item C-317 or C-562)							
1.6	Epoxy polyamide pi	rimer:	(Item C-204)							
1.7	Sealants:	High Corrosion Inhibitor Fuel exposure	(Item C-251) (Item C-308)							
1.8	Cleaners:	Methyl-Ethyl-Ketone (MEK) Acetone Isopropyl Alcohol Aliphatic Naphtha Toluene	(Item C-309) (Item C-316) (Item C-385) (Item C-305) (Item C-306)							

<u>S/N 51506</u>

1.0 REOUIRED: (CONT'D)

1.9	Process Sheets:	(Para. 3-2-3)
	Removal of Paints and Primers on Metallic Parts	
	Preparation of Bonding Surfaces	(Para. 3-2-5)
	Bonding of Flat Stock	(Para. 3-2-7)
	Potted Inserts - General	(Para. 3-2-11)
	Installation of Potted Inserts	(Para. 3-2-12)
	Removal of Potted Inserts	(Para. 3-2-13)

2.0 PROCEDURE:

2.1 Gain access to damaged area recording type, size and location of fasteners removed. Remove and retain (Qty. 2) grommets from repair area; discard and replace if damaged. Remove and discard (Qty.1) insert in repair area. See view A-A, detail B and section C-C.

2.2 Note: Take care not to damage core during cutting operation.

Cut out and remove damaged portion of upper skin. Cutout to be dimensioned as shown in detail B.

- 2.3 Inspect exposed area of upper skin and core for corrosion, damage, delamination or contamination. If any such damage exists, resubmit to PSE with additional information describing extent of damage.
- 2.4 Inspect adhesive filling at edge of core in upper skin cutout area. If adhesive fill is damaged, remove damaged adhesive.
- 2.5 Prepare -1 doubler specified in 1.1 and dimensioned as shown in detail B. Ensure doubler overlaps upper skin by a minimum of 1.70 inches except as shown in detail B.
- 2.6 Prepare -2 filler specified in 1.2 and dimensioned to fit cutout area in upper skin as shown in detail B.

2.7 Notes: Maintain 0.75 inch minimum distance with inserts. Maintain 0.25 inch minimum edge distance with upper skin cutout.

Locate -1 doubler & -2 filler in position and drill for new fasteners specified in 1.4 using fastener pattern shown in detail B, maintaining proper edge distance and spacing. Transfer (Qty. 2) 1.25 inches diameter holes into -1 doubler. Open hole in upper skin at insert location to 0.55 inch diameter as shown in detail B. Refer to Table 3-28 of BHT-ALL-SRM manual for appropriate fastener hole sizes.

<u>S/N 51506</u>

2.0 PROCEDURE: (CONT'D)

2.8 Note: Deburr not to exceed 0.005 inch depth.

Remove all repair parts; deburr all holes and edges; remove debris and loose material.

2.9 Notes: Do not soak parts to be bonded with cleaner specified in 1.8. Use of a moistened rag is recommended. Carefully air blow honeycomb cavities to remove dirt particles.

Remove paint, dirt and primer from repair area and clean for bonding.

2.10 Notes: Do not soak parts to be bonded with cleaner specified in 1.8. Use of a moistened rag is recommended. Remove "peel ply" and lightly sand composite bond material prior to bonding.

Locate and bond -1 doubler & -2 filler in position using general purpose bonding adhesive specified in 1.5.

2.11 Note: Install all rivets wet with general purpose bonding adhesive while -1 doubler adhesive is still wet.

Secure -1 doubler using fasteners specified in 1.4 and detail B, grip length to suit.

2.12 Note: Tape may be used to maintain adhesive in place.

If required, seal edge of core in upper skin cutout area using adhesive specified in 1.5 as shown in section C-C.

- 2.13 Remove excess adhesive squeeze-out.
- 2.14 Allow to cure at room temperature for 24 hours while applying a uniform bondline pressure of 0.5 to 1.0 PSI to surface of repair if dead weight is used or a minimum of 20.4 inches Hg if vacuum bagging is used.

2.15 Note: If ultrasonic inspection method is to be used, contact PSE for procedural information.

Inspect for voids or unbonded areas by performing a tap test inspection, ultrasonic inspection, or any suitable inspection approved by Bell Helicopter Textron. Voids shall not exceed 10% of total bonded area. No one void shall exceed 0.25 square inch in area. A maximum of two voids within a 6.0 inch diameter circle is allowed. No edge void is allowed.

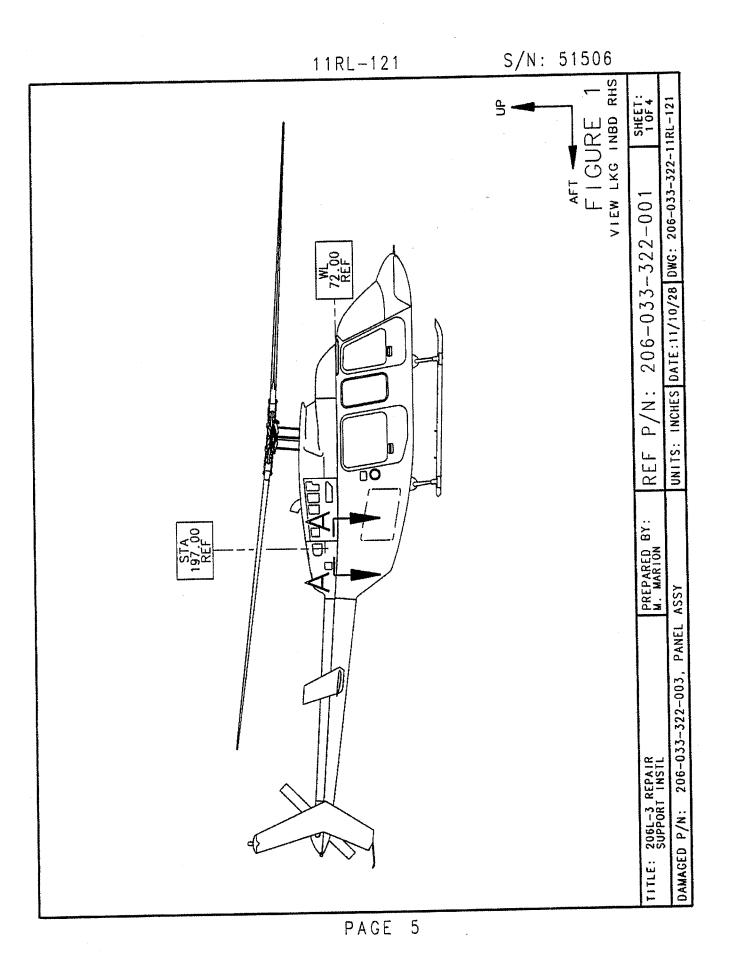
<u>S/N 51506</u>

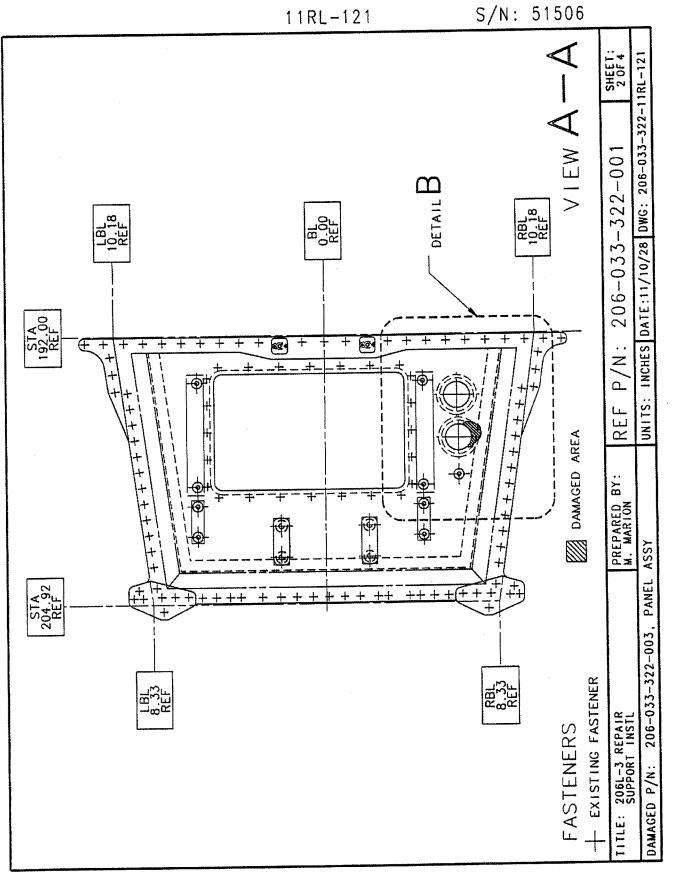
2.0 PROCEDURE: (CONT'D)

2.16 Re-install insert specified in 1.4 in original location using general purpose bonding adhesive. Insert hole installation sizes are given below. Deburr all holes.

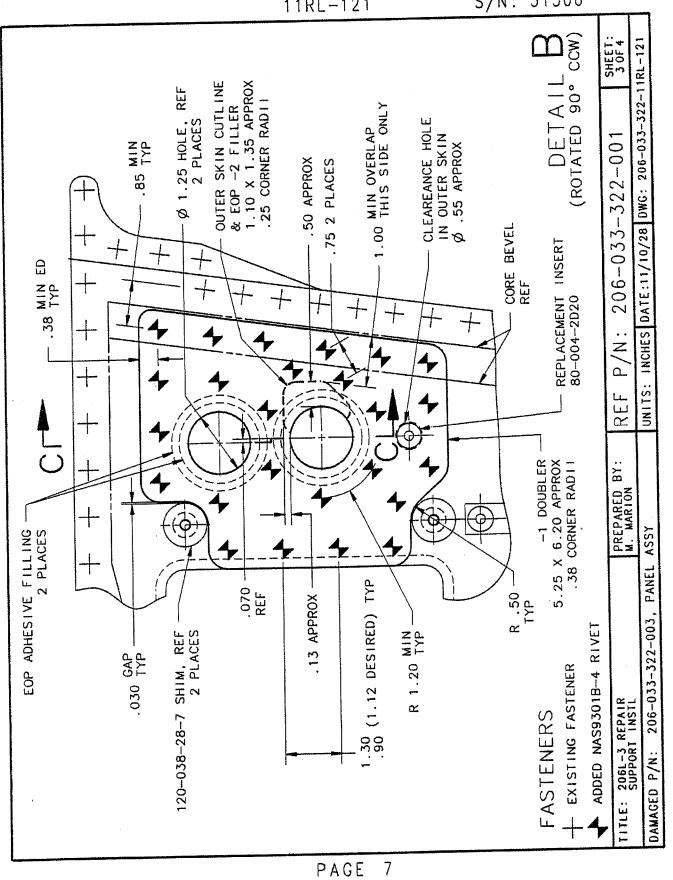
INSERT	HOLE INSTALLATION SIZE (inch)
80-004-2D20	0.55 DIA. in upper skin, 0.469/0.474 DIA. In -1 doubler, 1.00 DIA. in core.

- 2.17 Prime all bare metal surfaces using material specified in 1.6. Allow to dry.
- 2.18 Split and re-install grommet using material specified in 1.3 and fuel exposure sealant specified in 1.7 as shown in section C-C.
- 2.19 Seal all edges of repair area using high corrosion sealant specified in 1.7. Allow to dry. Re-prime sealant.
- 2.20 Re-finish as required.



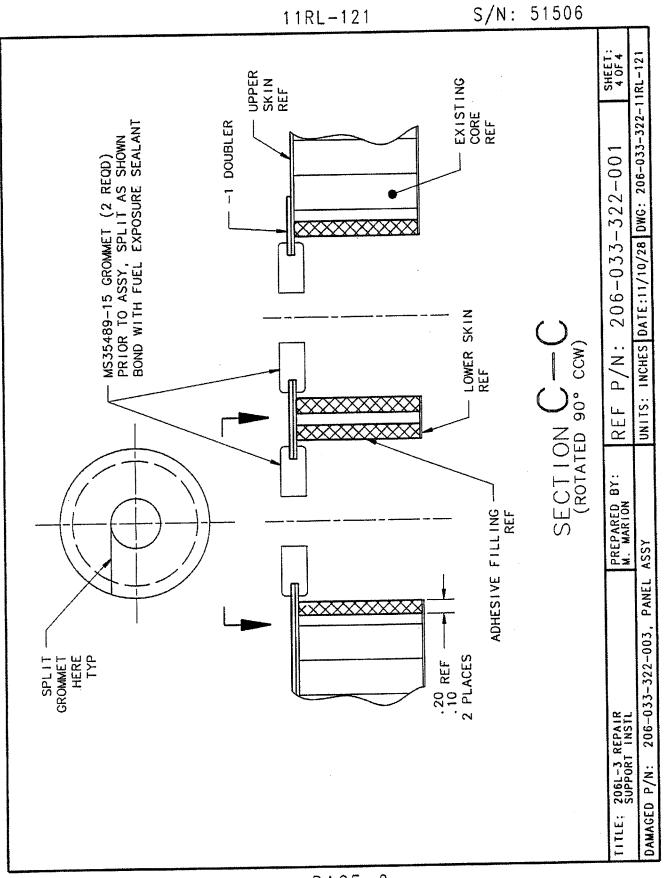


PAGE 6



11RL-121

S/N: 51506



PAGE 8

Hurst, Ken

From:	Hurst, Ken
Sent:	Wednesday, October 26, 2011 12:32 PM
To: Subject:	'pselight' 206L-3 S/N 51506 DAMAGE (CORR) OIL COOLER DECK P/N 206-033-322-003 (REF PHI-206L- DA-0210)
	THE ADDED A DATA ID ANT UPPER 077 3 pdf: image001 ipg

Attachments: PHI-206L-DA-0210_IR.pdf; u08RL_077_3.pdf; image001.jpg

Structural Repair Request Form

Date: 10/26/2011	Number of pages (including this one): 2
Send to: (817) 280-2635 [for model 214 (all variants)]
	450) 433-0272 [for all other commercial models]
Sender: Ken Hurst	Tel: <u>(337) 272-4593</u>
	Fax: <u>(337) 272-4575</u>
Company: <u>PHI, Inc.</u>	X Owner and/or Operator
Email address: <u>khurst@phihelicc</u>	p.com Repair Facility

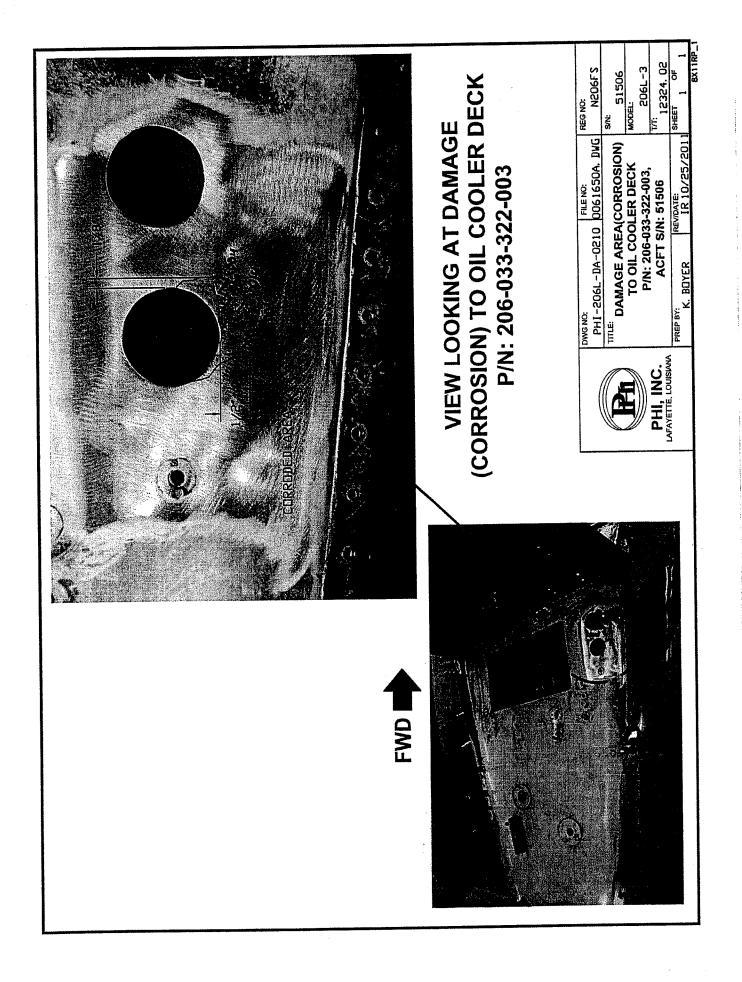
Dear PSE, please provide us with an approved repair for the damage described below. Thanks.KH (your initials)

A STATE AND A STAT	Serial Number: 51506
Model: 206L-3	
Flight Time: 12324:02	Registration: N206FS
Status: Routine	X Work Stoppage AOG
Deliie.ec	Description
Part Number: 206-033-322-003	Serial Number:
Tailboom Part Number (if applicable):	
Tailboom Serial Number (if applicable):	
Description: (attach a sketch)	
The following attachment (PHI-206L-DA-0210) 206-033-322-003.) shows damage (corrosion) on oil cooler deck P/N
For your ref. I have attached a Bell repair (08F another aircraft.	RL-077) which was give to PHI for damage on
Thank you,	
Ken Hurst	
PHI, Inc.	
Engineering Department	

This form may also be scanned and email with the sketch and/or other attachments to the appropriate electronic address below for action.

<u>pselight@bellhelicopter.textron.com</u> for 47, 206, and 407 (all variants) <u>psemedium@bellhelicopter.textron.com</u> for 204, 205, 212, 412 (all variants) <u>pseinter@bellhelicopter.textron.com</u> for 222, 230, 427, 430 (all variants) <u>psemil214@bellhelicopter.textron.com</u> for 214 (all variants)

Ref: IL GEN-04-96



	2											. 2120-0020	Electronic Tracking Number
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		Name (A	s shown d	on regis	tration certificate)				Address (A Address 20	As shown	on reg	istration (certificate)
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Zip	<u>70509</u>	0-0808Co	untry US	A				Certificated N	laintenance O	ganizatior	ו		HEER617E
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

1

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		Nationality and Registration Mark	Date
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		cordance with Outerlink Corporat Revision F, dated October 11, 20	
		nce with NTEX Aviation, L.L.C. S Revision -, dated November 9, 20	
		t No. D000-0076, dated January 2 dification and was installed in the	
Weight and Balance amended.			
Compass corrected as required.			
	ENI)	

Additional Sheets Are Attached

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Administration		$r^{*}(f,f_{0})$			$\psi^{-1}(p^{2}) f^{2} \chi^{2}$				•	dy
and disposit	tion of this form, []	entries. See FAR 4 his report is require n 901 Federal Aviati	d bv ia	w (4	19 U.S.C. 1421).	nd AC 43. Failure to	9-1 (or subsequer report can result	nt revision in civil pen	thereof) for alty not to exc	instructions eed \$1,000
1. Aircraft	Make Bell			- <u>-</u>		Model 20)6L-3			
I. Aircrait	Serial No. 51506				· · · · · · · · · · · · · · · · · · ·	Nationali N206FS	ty and Registration	Mark		
2. Owner	Name (As shown Petroleum Heli	on registration cer copters, Inc.	tificate)			2001 SE	As shown on reg Evangeline Thru te, LA 70508-215	iway	ertificate)	
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POWERPLANT										
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Lafayette, LA 70	509			<u> </u>	Foreign Certifica		ic		rame, Powerp	
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		eration made to the unit			item 4 above and					
	the requirements of Pa	art 43 of the U.S. Feder	al Aviatio	n Reg	gulations and that th	ne informatio	n furnished herin is tr	ue and corre	ct to the best of r	my knowledge.
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•			7. App	rova	l for Return To	Service				
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BY FAA	Fit. Standards ctor	Manufacturer		Insp	pection Authoriz	ation	Other (Specify	1)		
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FAA Form 337 (12-88)

Electronic Version (Adobe)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Major Alteration

Installation of Passenger Compartment Cargo Pallet in 206 Series Aircraft

Installed Passenger Compartment Cargo Pallet Assembly in accordance with:

Drawing # PHI-206L1-531 Rev. B Passenger Compartment Cargo Pallet Installation.

Drawing # PHI-206-SER-511 Rev. B Restraint Installation. Drawing # PHI-206-60190 Rev. A Installation of Cargo Tie-Down Restraints in Passenger Cabin Area.

Drawing # PHI-060-60435 Rev. IR Cargo Tie-Down Assy. With 16 "D" Ring attachment points & 8 Tie-Down Straps. Report # PHI-060-ST-0002 Rev. IR Structural Static Load Test.

Approval for Installation of Passenger Compartment Cargo Pallet Assembly was approved on FAA Form 8110-3, Serial Number 8110-03337, by: DER Michael T. Cox Designation # DERT-710057-SW Dated: June 30, 2003.

Weight and Balance amended.

-----END------

Additional Sheets Are Attached

Q	MAJOR REPAIR AND ALTERATION										Form Approved OMB No. 2120-0020 11/30/2007)	Electronic Tracking Number	
US Department of Transportation Federal Aviation Administration	n	(Airframe, Powerplant, Propeller, or Appliance)													
INSTRUCTION instructions such violatio	and disposi on. (49 U.S.(ition of this f C. §46301(a	form. i))	This report is requ	CFR uirea	§4 d by	3.9, Part 43 / law (49 U.S	5.C. §44	701). Failu	AC ure to	43.9-1 (c o report c	or sut an re	sequent i sult in a c	revision thereof) for ivil penalty for each	
		Nationality and Registration Mark N206FS					Serial No. 51506								
1. Aircraft	Make							Model				Series			
	Bell	shown	ation certificate)				206 Address (As shown on res			on realistr	L-3				
a	· ·	Name (As shown on registration certificate) PHI, Inc.					Address 2001 SE E				vangeline Thruway				
2. Owner	(°11),				Cit			70500 0450			Cour	State LA			
					3	3. Fo	or FAA Use							••••	
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Name PHI, Inc.							U. S. Certificated Mechanic				Manufacturer				
Address P. O. Box 90808 City Lafayette State LA						Foreign Certificated Mechanic					C.	. Cert	ificate No.		
Zip 70509-0808 Country USA							Certificated Maintenance Organization						HE	ER617E	
have be	en made in	accordance	e with	tion made to the u the requirements to the best of my k	of F	Part	.43 of the U.S	em 5 al 3. Feder	bove and al Aviation	deso n Reg	cribed on gulations	the re and th	everse or a hat the info	attachments hereto ormation	
Extended ran per 14 CFR F App. B	ge fuel		Signa	ature/Date of Auth	oriz	ed I	Individual	>\(\)	PMc	Z	MALO)		01-12-2012	
			In				al for Return			<u> </u>					
Pursuant to Administrat	o the auth or of the Fe	ority given deral Aviatio	perso on Adı	ons specified bel ministration and is	low,	the	e unit identi	fied in 🖌 Appi	item 5 w roved [vas	inspected Rejected	in t	he manne	er prescribed by th	
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FAA Form 337 (10-06)

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) N206FS 01 - 12 - 2012Nationality and Registration Mark Date 'Major Alteration' Passenger, Litter & Crew Door Hinge Replacement Part Nomenclature: Hinge assy. Document Number: PHI-206-60333 Rev. B. Dated 07-17-2001. Fabricated and installed Cabin Door Hinges in accordance with drawing # PHI-206-60333. Approval received for these modifications according to data approved on FAA Form 8110-3. By DER: Casey Dugas. Designation Number: DERY-750072-SW Dated: 08-02-2001. Serial Number: 2001-37. Actual Weight and Balance complied with. Additional Sheets Are Attached FAA Form 337 (10-06)

Sheet 1 of 1					Serial No. 2001-3
	FEDERAL AVIATIO	OF TRANSPORTATIO			DATE August 2, 2001
STATEMENT OF CO					
MAKE	MODEL NO.	TYPE (Airplane,	PONENT IDENTIFICA		APPLICANT
		Helicopter, etc.)	/(ualo)		
Bell Helicopter Textron	(AS NOTED)	Hel	icopter	Petr	oleum Helicopters, Inc.
		LIST OF	DATA		
IDENTIFICATION			TITLE		
Document:					
PHI-206-60333 Revision B, 7/17/01	<u>"PASSENGER, LI</u>	TTER AND CRE	W DOOR HINGE RE	PLACEM	<u>ENT"</u>
	data listed here the helicopter.2. This approval i	in and does not co	ell Model 206L-1, 200	he quality :	
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FAA Form 8110-3 (11-70) SUPERSEDES PREVIOUS EDITION (COMPUTER REPRODUCTION)

With Dependent Attribution (Airframe, Powerplant, Propeller, or Appliance) 111302207 For FAA Use Only Internation Attribution For FAA Use Only For FAA Use Only For FAA Use Only INSTRUCTONS: Print or type all entries. See Title 14 CFR \$43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent rev for instructions and disposition of this form. This report is required by law (49 U.S.C. \$44701). Failure to report can re penalty for each such violation (49 U.S.C. \$46301(a)) I. Aircraft Make Model Series Bell1 Load 206 Load Load 2. Owner PHI , Inc. Address (As shown on registration certificate) Address (As shown on registration certificate) Address (As shown on registration certificate) Load Address (As shown on registration certificate) 2. Owner PHI , Inc. Series Load Load Load Load 2. Owner PHI , Inc. Series Series Load Load <th>esult in a civil</th>	esult in a civil
NSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9. Part 43 Appendix B, and AC 43.9-1 (or subsequent revior instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can repeatly for each such violation (48 U.S.C. §44301(a)) Nationality and Registration Mark Sorial No. N206FS 51506 Aircraft Model Name (As shown on registration certificate) Address (As shown on registration certificate) PHI , Inc. Address (As shown on registration certificate) PHI , Inc. Sorial No. 200 Largette State j Zip Zip 70508-2156Country USA Usit Image: Alteration Unit Make Model Series 2001 SE Evangeline Thruccline City Lafayette State State j Zip 70508-2156Country USA AllerRAME AllerRAME (As described in Item 1 above) POWERPLANT Image: Application Road POWERPLANT Image: Application Road POWERPLANCE Type AllerGame 6. Conformity Statement Agency's Name and Address B. Kind	esult in a civil
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachm have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the informative furnished herein is true and correct to the best of rig knowledge.	ents hereto ation
Extended range fuel Signature/Date of Authorized Individual	
er 14 CFR Part 43	
7. Approval for Return To Service	
ursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed dministrator of the Federal Aviation Administration and is	d by the
Y FAA Flt. Standards Manufacturer Maintenance Organization Persons Approved Department of Tra	
FAA Designee X Repair Station Inspection Authorization Other (Specify)	
Certificate or Signature/Date of Authorized Individual JASON PICARD G/2/08	

NOTIO		t record. An alteration must be
Weight and balance or operating limitation changes shall be enter compatible with all previous alterations to assure continued confort	mity with the applicable airwort	hiness requirements.
8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft national sheets.	nality and registration mark and da	ate work completed.)
	N206FS	11/15/2011
	Nationality and Registration	
NOMENCLATURE: PASSENGER SEAT ORIGINAL PART NUMBER: 206-033-105-129 SERIAL NUMBER: BP290 WORK ORDER NUMBER: W117322AA		
OVERHAULED PANEL MENTIONED ABOVE IN A FAA APPROVED OVERHAUL PROCEDURE NU 11/23/98.		
END		

US Department of Transportation Federal Aviation Administration	(Airfram	AJOR REPAIR / e, Powerplant,				ce)	_	F	roved 2120-0020 for FAA Use (ntification	Dnly
and disposit	ion of this form. Thi	entries. See FAR 43 s report is required 901 Federal Aviatio	i by lav	N (49) U.S.C. 1421).	nd AC 43.9- Failure to re	1 (or subsequent port can result in	revision civil pen	thereof) for i alty not to exc	nstruction eed \$1,00
	Make Bell					Model 206	L-3			
1. Aircraft	Serial No. 51506					Nationality N206FS	and Registration	Mark	- 76	
2. Owner	Name (As shown Petroleum Helio	on registration cert copters, Inc.	ificate)			Address (/ 2001 SE E	As shown on regi vangeline Thruv LA 70508-2156		certificate)	
				3. F	or FAA Use O	niy				
		e.n		4. U	nit Identificat	on			5. Туре	
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P. O. Box 90808 Lafayette, LA 70	509				Foreign Certifica				frame, Powerpl	ant, and
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D. I certify the	at the renair and/or alto	ration made to the unit	(e) idaatif		Manufacturer	deceribed	ha			
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		· ····		1.0.0	for Return To	Service				
Pursuant to th Administrator	e authority given po of the Federal Avia	ersons specified be tion Administration a	low, the and is	unit	dentified in iten	n 4 was insp REJI	ected in the mani ECTED	ner preso	ribed by the	
FAA	Fit. Standards	Manufacturer		Insp	ection Authoriz	ation	Other (Specify)			
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Structural Repair

Repair of Passenger Seat Bulkhead Panel at Station 122.90

Part Nomenclature:Panel Assy.Part Number:206-033-103-009Repair Number:PHI-206L-RP-0100206-033-103-009

<u>Work performed:</u> Cut out damage areas from panel assembly as required. Filled skin cut outs using adhesive and (.012) composite bond fillers. Fabricated and installed 2 each (.020) composite bond doublers with 3 plies of fiberglass edging in accordance with repair number <u>PHI-206L-RP-0100</u>.

Structural repairs made according to the manufacturer's helicopters structural repair manual, except the size of this repair exceeded the limits as specified in the manual.

Approval received for this repair procedure according to data approved on FAA Form 8110-3.By DER:Roland M. Howard, Jr.Designation Number:DERT-710134-SWDated:10-7-04Serial Number:0410-13

Weight and balance amended.

Additional Sheets Are Attached

Electronic Version (Adobe)

0		MAJOR I	RE	PAIR AND		LTE	RATIO	N	Form Approve OMB No. 2120-0020 2/28/2011	ed	Electronic Tracking Number
US Department of Transportation Federal	, (Ai	rframe, Pow	/er	plant, Pro	pel	ller	, or Ap	oliance)			For FAA Use Only
Aviation Administratio	on										
INSTRUC	CTIONS: Print	t or type all entri sposition of this violation (49 U.S	for	m. This repor	CFR rt is	§43 req	.9, Part 4 uired by I	3 Appendix B, a aw (49 U.S.C.	and AC 43.9 §44701). Fa	-1 (or ilure	subsequent revision thereof) to report can result in a civil
	Nationality	and Registration M N206FS		· · · · · · · · · · · · · · · · · · ·				Serial No. 51	506		
1. Aircraft	t Make	Bell						Model 20	5		Series L-3
	Name (As	Name (As shown on registration certificate)						Address (As sh	own on registra	tion ce	ertificate)
2. Owner		PHI, Inc.						City Li	001 SE E afayette 0508-215		geline Thruway State <u>LA</u>
					2	For	FAA Use		1508-215	6000	ntry <u>USA</u>
					э.	FUI	FAA 036	Olly			
	Tupo	I						nit Identificatio	n		
4.	Туре						5.0				
Repair	Alteration	Unit		N	/ake	Э		M	odel		Serial No.
		AIRFRAME						(As described i	n Item 1 abo	ve)	
		POWERPLAN	T								
		PROPELLER							1 Martin 11		
		APPLIANCE		Туре				۰,			
		-		Manufacture	r						
			1		6. C	onfo	ormity St	atement			
	y's Name and		TDC		B. I	Kind	of Agenc	y ted Mechanic		1	Manufacturer
Name Address		LICOPTER TEX						ficated Mechanic	>	C. 0	Certificate No.
City	LAFAYET	TE Sta	ate	LA	Χ			air Station	Tation		S B1H2300N Limited Airframe nited Specialized Services
Zip	70507		S.A					ntenance Organi]	-
have	been made ir	pair and/or alterat accordance with true and correct	n the	requirements	of F	Part ∠	13 of the U	em 5 above and S. Federal Avia	described on tion Regulatic	the re ons ar	everse or attachments hereto nd that the information
Extended per 14 CF App. B	range fuel R Part 43		Sigr	nature/Date of	f Au	thori	zed Indivi	dual	Inst.	;	
Арр. В				7.	Apr	prov	al for Ret	urn To Service	A ser dander 1		
Pursuant Administr	to the author	ity given person ederal Aviation A	s sp Admi	ecified below	, the t is	e uni	t identifie	d in item 5 was APPROVED	inspected in	the m ED	nanner prescribed by the
		Standards		Manufacture	1	1		ance Organizati			Persons Approved by Canadian Department of Transport
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NOTICE	
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N206FS Nationality and Registration Mark 12-05-2011 Date

NOMENCLATURE: PASSENGER SEAT KICK PANEL ORIGINAL PART NUMBER: 206-033-103-009 SERIAL NUMBER: BP-74 WORK ORDER NUMBER: W177213AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH BELL HELICOPTER TEXTRON, INC. FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-005, REVISION A, DATED 3/5/99.

Additional Sheets are Attached

								1. 6.000 1				
2											pproved o. 2120-0020	Electronic Tracking Number
US Departmer	nt	Ν	IAJO	R REPAIR A	ND	A	TERATIC	N		11/30/2	007	For FAA Use Only
of Transportati Federal Aviat Administratio	on Ion	(Airfra	me, P	Powerplant, I	Pro	pel	ler, or Ap	pliance)				
instruction	TIONS: Prin s and dispos ion. (49 U.S	sition of thi	s form.	es. See Title 14 . This report is r	4 CF equir	R § red	343.9, Part 4 by law (49 L	3 Appendix B, a .S.C. §44701). F	and A(ailure	C 43.9- to repo	-1 (or sub ort can res	sequent revision thereof) for sult in a civil penalty for each
		ty and Reg		n Mark				Serial No.				
1. Aircraft	N206	6FS						51506				
	Make Bell							Model 206				Series L-3
			n regist	ration certificate)			Address (As Address 2001				
2. Owner	PHI,	, Inc.						City Lafa				State LA
						2	For FAA Us		0-210	0	Coun	try USA
	<u></u> . <u></u>											
4. Ty	pe					5.	Unit Identifi	cation				
Repair	Alteration	Uni	t		Ма	ke			Мос	lel		Serial No.
	\checkmark	AIRFRAM	١E					(As describ	ed in l	tem 1 a	above)	
		POWERF	PLANT									
		PROPEL	LER									
		APPLIAN	CE	Type Manufacturer				-				
		•			6	. Co	onformity St	atement				
A. Agency's N		ddress				В.	Kind of Ager					
Name <u>PHI,</u> Address P. O.		2						cated Mechanic tificated Mechanic			Man C. Certifi	ufacturer
city Lafay		,		State LA	-	./		Repair Station			C. Certin	
Zip 70509	- <u>0808</u> cou	untry <u>USA</u>				Y		Maintenance Orga	nizatio	1		HEER617E
have be	en made in	accordanc	e with	on made to the the requirement o the best of my	s of I	Part	43 of the U.	tem 5 above and S. Federal Aviati	d desc on Reg	cribed o gulation	on the reve ns and tha	erse or attachments hereto t the information
Extended ran per 14 CFR P App. B			Signa	ture/Date of Aut チ ビル				D.I.,	15		son	SEP 1 8 2009
					mandare			n to Service				
Pursuant to Administrate	o the autho or of the Fed	rity given Ieral Aviatio	persoi on Adm	ns specified be ninistration and i	elow, s	the	e unit identi [fied in item 5		nspect Rejecte		e manner prescribed by the
1 1	A Flt. Stand pector	ards	Manu	ufacturer		Ma	aintenance C	rganization		Depar	tment of Tra	d by Canadian ansport
	A Designee	x	Repa	ir Station		Ins	spection Aut	norization	Othe	r (Spe	cify)	
Certificate or Designation N HI	o. EER617E		Signat	ture/Date of Aut				and the second	g ing Bang H. Bang	a market s	son	SEP 1 8 2009
FAA Form	337 (10-06)											

Ŧ

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Description of Work Accomplished (If more space is required, attach additional sheets. Identify with a	ircraft nationality and registration mark and date v	work completed.)
	N206FS	SEP 1 8 2009
	Nationality and Registration Mark	Date
Precise Flight	Pulselight System	
Installed Precise Flight Pulselite System according to Pre Data Document No. PHI-206L-PS-0040 Revision A and		
Precise Flight, Inc. Rotorcraft Flight Manual Supplemen approved revision is required for this installation and is in		, or later FAA
Weight and balance amended.		
Compass corrected as required.		

END

Additional Sheets Are Attached

1

US Department of Transportatic Federal Aviatic Administration	in on			OR REPAIR AN Powerplant, Pro			-			Approved No. 2120-0020 2007	Electronic Tracking Number For FAA Use Only
INSTRUCT instructions such violati	and dispos	sition of thi	is form	ies. See Title 14 C . This report is requ	CFR uireo	R §43 ed by	3.9, Part 43 / law (49 U.:	Appendix B, and S.C. §44701). Failu	AC 43.9 re to rep)-1 (or sub port can re	osequent revision thereof) for sult in a civil penalty for each
d Alucusti	Nationalii N206	ty and Reg SFS	istratio	n Mark				Serial No. 51506			
1. Aircraft	Make Bell			х.				Model 206			Series L-3
	Name (A PHI,		n regis	tration certificate)				Address (As sho Address 2001 SE			
2. Owner	сти,	, inc.						city Lafayette zip 70508-21		Cour	state LA try USA
					3	3. Fo	r FAA Use	Only			
4. Typ		ľ			5	5. Un	nit Identifica	ation			
Repair	Alteration	Uni	it	м	lake				odel		Serial No.
		AIRFRAM						(As described ir		above)	
		POWERF	PLANT								
		PROPEL	LER							·	
		APPLIAN	ICE	Type Manufacturer							
A. Agency's N	ame and A	dress			_		ormity Stat				
Name PHI, I					+		-	y ated Mechanic		Man	ufacturer
Address P. O.		3					Foreign Certi	ficated Mechanic		C. Certifi	cate No.
city <u>Lafaye</u> zip <u>70509</u> -	∙ <u>0808</u> ⊂oı	untry USA		State <u>LA</u>	¥		Certificated F	Repair Station faintenance Organizati	ion		HEER617E
have bee furnishee Extended rang	en made in d herein is t je fuel	accordanc	ce with prrect to	ion made to the uni the requirements of o the best of my kno ture/Date of Author	f Pa owle	art 43 edge	3 of the U.S	m 5 above and de . Federal Aviation R	scribed egulatio	ns and tha	
per 14 CFR Pa App. B			way		<u>;</u>		ay Me				2-14-2011
Pursuant to Administrato	the autho r of the Fed	rity given Ieral Aviati	perso on Adr					ed in item 5 was	inspec Rejecte		e manner prescribed by the
	A Flt. Stand pector	ards	Man	ufacturer	N	Main	tenance Or		Depa	rtment of Tr	d by Canadian ansport
	A Designee	x	Repa	air Station		Inspe	ection Autho	orization	ner (Spe	əcify)	
Certificate or Designation No HE FAA Form 3	ER617E		-	ture/Date of Author ווא ב Pip Kin				Pipkins		12.	14.2011

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

			N206FS	12-14-201,
		Nati	ionality and Registration Mark	Date
	I	Structural Al	teration	
	Installati	on of Radar Altim	eter Antenna M	ount
Tailboom	n lower skin a	Radar Altimeter Anten at Station 50.22 and 206-60735, Revision A	Station 71.44 in	accordance with
		ort for Installation of a		Altimeter Syste
Approval 3.	received for th	nis alteration according	; to data approved o	on FAA Form 81
By DER Dated	Louis Bellott 11-16-2011	Designation Number 8110-3 Serial Number	· · · · · · · · · · · · · · · · · · ·	-750020-SW HI11-40
Weight a	nd Balance Neg	ligible. END		

Additional Sheets Are Attached

	U.S. DEPARTMENT OF TRANSPORT	ATION	PHI11 1. DATE						
	FEDERAL AVIATION ADMINISTRAT		November 16, 201						
STATEMENT OF	ATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS								
		COMPONENT IDENTIFICATION							
2. MAKE	3. MODEL NO. 4. TYP	E (Airplane, Radio, oter, etc.)	5. NAME OF APPLICANT						
Bell Helicopter Textron Canada Limited	206L-3 S/N 51506	Helicopter	PHI, Inc.						
	LIST	OF DATA							
6. IDENTIFICATION		7. TITLE							
PHI Document Number:									
PHI-206-60735, Rev. A, Dated 11/09/11	Radar Altimeter Antenna Mou	int Installation on a Bell 206	L Series Helicopter						
PHI-206L-SA-0088, Rev. A, Dated: 06/02/11	Structural Analysis Report for 4500/RAD-40) Interfaced with Model 206L-3/206L-4 Helicop	an Aural Warning System							
	 demonstrates compliance subparagraph listed below of the above listed data at 2) This form does not constitut substantiation of compliant aspects are not approved 	e only with the regulations sp v as "Applicable Requireme re approved herein. ute FAA approval of all the e nce to necessary requireme and require separate appro	ents". The structural aspects of engineering data necessary for ents for the alteration. Electrica oval.						
	 3) This approval only covers installation of a radar altineseparate approval. 4) Alteration is performed by 	neter system is not included	ting provisions; subsequent in this approval and will requi						
			Canada Limited Model 206L-3						
51506. 9. APPLICABLE REQUIREMENT 14 CFR Part 27.301, 27.3	engineering aspects only of an (List specific sections) 303, 27.305(a), 27.307(a), 27.32 t 27-24 (Structural aspects only	21, 27.337(a), 27.561, 27.60							
of appointment under 14 CF	authority vested by direction of th R Part 183, data listed above and o I procedures and found to comply Recommend approval of th Approve these data	n attached sheets numbered a with applicable requirements o	is applicable have been examined						
11. SIGNATURE(S) OF DESIG	NATED ENGINEERING REPRESENTATIVE	(S) 12. DESIGNATION NUMB	BER(S) 13. CLASSIFICATION(S)						
	~ 11								

ŝ,

FAA Form 8110-3 (03/10) Supersedes Previous Edition

2								Approved No. 2120-0020	Electronic Tracking Number
	of Transportation (Airframe, Powerplant, Propeller, or Appliance) Federal Aviation						For FAA Use Only		
instructions	and dispos								sequent revision thereof) for sult in a civil penalty for each
	Nationalit N206	ty and Registratio	on Mark			Serial No. 51506			
1. Aircraft	Make					Model		5	Series
	Bell					206		<u> </u>	L-3
		0	tration certificate)			Address (As sh Address 2001 S			
2. Owner	PHI,	IIIC.				city <u>Lafaye</u> zip 70508-			state <u>LA</u> ry USA
. <u> </u>				3.	For FAA Use		2150	Counti	
Dat	de		aft, subject to co	nfor	1	1			oproved for the above § 43.7" _ SW-BTR-FSDO
4. Ту	pe			5.	Unit Identific	ation			
Repair	Alteration	Unit	м	lake	lake N		Model		Serial No.
		AIRFRAME				(As described in Item 1 above)		above)	
		POWERPLAN	r						
		PROPELLER							
		APPLIANCE	Type Manufacturer						
				6. Ca	onformity Sta	tement			
A. Agency's N		ddress		В.	Kind of Agend				
Name <u>PHI,</u> Address P. O.		8		\vdash		ated Mechanic		Man C. Certifi	ufacturer cate No.
city Lafay	ette	untry USA	State LA	V	Certificated I	Repair Station	zation		HEER617E
D. I certify have be	that the rependent that the rependent the the the the the tensor of te	pair and/or altera accordance with true and correct Sigr	h the requirements o to the best of my kno nature/Date of Author furm (D) 5	of Pár owlec rized	identified in ita t 43 of the U.S dge. Individual	em 5 above and 8. Federal Aviation	described Regulatio	ons and tha	erse or attachments hereto at the information
Pursuant #	the suth	<u> </u>	7 ." Aj		val for Return		as insper	ted in the	e manner prescribed by the
			ministration and is	<i>w</i> , u		Approved [Reject		
	A Flt. Stand	tards Ma	nufacturer	м	laintenance O		Depa	artment of Tr	ed by Canadian ansport
	A Designee	e X Re	pair Station	Ir	spection Auth	orization	Other (Sp	ecity)	
Certificate or Designation N H	lo. EER617E	Sigr	nature/Date of Author))	W BEGIN			1-12-12

			NOTICE		
				e appropriate aircraft record th the applicable airworthine	
3. Description (If more spa	of Work Accomplished ce is required, attach additi	onal sheets. Ide	ntify with aircraft nationality	and registration mark and date	e work completed.)
				N206FS	1-12-12
			Nati	onality and Registration Mark	Date
	RADAR ALTIMETE	R SYSTEM R	4-4500/RAD-40 INTE	RFACED TO AURAL WA	RNING SVSTEM
1				AFACED TO AURAL WA	RUNG STSTEM
1.	No equipment removed	1 for this install	lation.		
2.	dated December 5, 201	1, and PHI Pic	ture & Sketch PHI-206L	dance with PHI Drawing No -PS-0107, Rev. A, dated Dec proved revision for proper op	D. PHI-206L-12910, Rev. H, cember 6, 2011. Radar peration of the system installed
3.	Installed the following	Avionics comp	oonents:		
	<u>MFG</u>	Type	Description	Station/Location	Circuit Breaker
	Freeflight Systems	RA-4500	RCVR/XMTR Unit	160.00 / Hatrack	2 Amp
	Freeflight Systems	RAD-40	Indicator	39.00/ Instrument Par	nel 2 Amp
	NAT	NAT-247	Audio Mixing Amp	164.00 / Hatrack	1/2 Amp
	NAT	611-027	Aural Warn Gen	19.00 / Avionics She	lf 1/2 Amp
	Sensor Systems	S67-2002	Antenna RX	271.00 / Tailboom	N/A
	Sensor Systems	S67-2002	Antenna TX	250.00 / Tailboom	N/A
4.	All Avionics circuit bro labeled. All wire used i	eakers are locat is MIL-W-2275	ed in the aircraft manufa 59 and MIL-W-27500 int	cturer's supplied panels and erconnect wire.	are appropriately
5.	These avionics installa	tions are in acc	ordance with the manufa	cturer's installation instruction	ons as follows:
	<u>MFG</u>	<u>Type</u>	Installation Manual Nur	nber Revision	

MFGTypeInstallation Manual NumberNAT611-027611-16-1NATNAT-247SM247-16-1Freeflight SystemsRA450084629Freeflight SystemsRAD4084948

6. All work accomplished in accordance with:

 work accomprished i	if accordance with,		
A.C. 43.13-1B	CHAPTER 11	SECTION 3-6	Electrical loading and protection.
	CHAPTER 11	SECTION 8-17	Wire routing, marking and connecting.
	CHAPTER 10	SECTION 1-2	Weight and balance considerations.
A.C. 43.13-2B	CHAPTER 1	PARA 106 - 111	Structural mounting data.
	CHAPTER 2	PARA 202 - 206	Equipment physical mounting techniques.
	CHAPTER 3	PARA 305 - 310	Antenna physical mounting techniques.
PHI ESM-1	CHAPTER 1		Helicopter Electrical Specification and
	THRU 12		Standard Practices Manual

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7. Work performed meets the requirements of Rotorcraft Airworthiness Standards for 14 CFR Part 27 of the following paragraphs:

27.1301	Equipment installed performs its intended function
27.1309(c)	Equipment installed is not a hazard in the event of a malfunction
27.1321	Arrangement and visibility
27.1351	Electrical loads does not exceed generator capacity
27.1357	Circuit device protection
27.1365	Electric cable type and load
27.1541	Placards and Markings
27.1547	Compass system tested and corrected
27.1581(b)	Flight Manual Supplement provided if required

Additional Sheets Are Attached

<u>337</u>	ATTACHI	MENT SHEET DATED 🖌	-12-12	N206FS	S/N 51506	MODEL 206L-3
8.		ural installation aspects of a proved on a Bell Model				
	By:	Louis Bellot	_ Designation Nu			.0-3:
	Dated:	12-16-2011	Serial Number:		PHI11-44	
9. 10.	The electr previously	ical installation aspects of a approved on a Bell Model	an RA-4500/RAD- 206L-3, aircraft se	40 Altimeter s rial number 5	ystem interfaced to an a 1184 on FAA Form 811	ural warning system was
	By:	Verl Herd	Designation N		DERT-710121-SW	
	Dated:	12-14-2011	Serial Number	-	DERT-710121-SW-1	1/280
11.	aural warr approved	st is required for the aircrating system. PHI Flight Teston FAA Form 8110-3:	st Plan No.PHI-050	-TP-0014, Rev	v. IR, dated April 22, 20	ystem interfaced to an DI I was previously
	By:	Robert Williams	Designation N	-	DERT-710526-SW	
	Dated:	12-27-2011	Serial Number		N/A	

PHI-050-TP-0014 successfully completed on date 1-22-2012

- 12. Freeflight Systems Operation/Installation Manual 84948, Rev. B, or later revision, must be carried on board when operating the RA-4500/RAD-40 Radar Altimeter system.
- 13. A decal will be installed on the instrument panel in lieu of a flight manual supplement to alert the pilot of the Radar Altimeter alerts and will read as follows:

RADIO ALTIMETER VOICE ALERTS DH – "MINIMUMS, MINIMUMS" 200FT AGL – "ALTITUDE, ALTITUDE"

- 14. Equipment list updated to reflect installation of this system.
- 15. Weight and balance amended as required.
- 16. Compass system tested and corrected.
- 17. For additional installation details, refer to the following documents, PHI Drawing No. PHI-206L-12910, Rev. H, and PHI Picture & Sketch PHI-206L-PS-0107, Rev. A.
- 18. Instructions for continued airworthiness document PHI-915-206L-ICA-0017, Rev. IR, dated December 28, 2011 are attached.

END

Q US Departmen			MAJ	OR REPAIR AND) A	L1	FERATION	i .			pproved o. 2120-0020 007	Electronic Tracking Number For FAA Use Only	
of Transportati Federal Aviati Administration	on on n	•		Powerplant, Pro	-								
instructions	FIONS: Print s and dispos ion. (49 U.S.	ition of	f this for	tries. See Title 14 Cl m. This report is requi	FR ired	§4 I by	3.9, Part 43 / law (49 U.s	Appendi S.C. §447	x B, and '01). Failu	AC 43.9- re to repo	1 (or sub ort can re	sequent revision thereof) for sult in a civil penalty for each	
	Nationalit	y and F		ion Mark				Serial	No. 1506				
1. Aircraft	aft N206FS Make							Model				Series	
	Bell								206		·	L-3	
			n on regi	stration certificate)	-			Address	ss (As sho 2001 SE	wn on re Evange	<i>gistration</i> eline Thr	certificate) uway	
2. Owner	PHI,	Inc.						City	Lafayette	Э		State LA	
				11				Zip	70508-2	156	Country USA		
				بر مربق المربق ا	3.	. Fo	or FAA Use	Only			<u> </u>		
4. Ту							nit Identifica	ition				Carial No.	
Repair	Alteration	<u> </u>	Unit	Mi	ake				iodel		Serial No.		
\checkmark		AIRFI	RAME					(As described in Item 1 above)			above)		
		POW	ERPLAN	п									
		PROF	PELLER										
				Туре									
		APPL	IANCE	Manufacturer									
لـــا				Manulacture									
				1	6. C	Con	formity Sta	tement					
A. Agency's I	Name and A	ddress			E	3. K	and of Agend	;y					
Name PHI,	Inc.						U. S. Certific	· · · · · · · · · · · · · · · · · · ·				nufacturer	
Lafa	<u>Box 90808</u>	8		State LA			Foreign Certi				C. Certif	icate No.	
city <u>Lafay</u>	9-0808_co		ISA	State LA	¥	-	Certificated F			tion	4	HEER617E	
				· · · · · · ·	<u> </u>						on the rev	erse or attachments hereto	
have b	een made in	accord	dance wi	th the requirements of	f Pa	art 4	43 of the U.S	. Federal	Aviation I	Regulatio	ns and the	verse or attachments hereto at the information	
furnish	ed herein is	true an		t to the best of my kno									
Extended rar			Sig	nature/Date of Author	ize	d Ir	ndividual						
per 14 CFR I App. B	Part 43		V	itch P.M. DM	<i>.</i> .1	1	PATRI	DA	A.D.	NALC	\	11-21-2011	
							al for Return	_		NINU	,		
Pursuant t Administrat	to the authorito the Feo	ority gi deral A	ven per viation A				unit identif		em 5 wa	s inspec	ted in th ed	e manner prescribed by the	
F/	AA Flt. Stand			anufacturer		Mai	intenance Or	ganizatio	n		ons Approv rtment of T	ed by Canadian ransport	
BY	spector AA Designee)	X Re	epair Station		Ins	pection Auth	orization	0	ther (Sp	ecify)		
Certificate or			Sia	nature/Date of Author	ize	d Ir	ndividual		I				
Designation N	No. IEER617E		10	etch P. M. S.			\sim	TRICK	PM	Dr	IALD	11-21-2011	
FAA Form	007									,			

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

cription of Work Accomplished nore space is required, attach additi	ional sheets. Identify with aircrat	t nationality and registration ma	rk and date work completed.)
		N206FS Nationality and Registra	tion Mark Date
	Structu	ral Repair	
		ower Shell Assen	nbly
Part Nomenclature:	Lower Shell Assy.	Part Number:	206-033-099-225
Work performed:			

Repair # <u>PHI-206L-RP-0209</u>, <u>Revision IR</u>: Cut out the damaged area of outer skin as required at aft seam under RH crosstube support mount. Fabricated & installed 1 each prebond aluminum filler and 2 each prebond aluminum doublers with 3 plies of fiberglass overlays for under side repair. Applied 2 each layers of fiberglass to top side area as required. Repair was installed using materials noted in repair procedure.

Repair # <u>PHI-206L-RP-0210</u>, <u>Revision IR</u>: Cut out the damaged area of outer skin as required at aft seam under LH crosstube support mount. Fabricated & installed 1 each prebond aluminum filler and 2 each prebond aluminum doublers with 3 plies of fiberglass overlays for under side repair. Applied 2 each layers of fiberglass to top side area as required. Repair was installed using materials noted in repair procedure.

Structural repairs made according to the manufacturer's helicopters structural repair manual, except the size of these repairs exceeded the limits as specified in the manual.

Approval	received for these repairs	according to data approve	d on FAA Form 8110-3.
By DER:	Roland M. Howard, Jr.	Designation Number:	DERT-710134-SW
Dated:	11-10-2011	8110-3 Serial Number:	1111-44

Weight and balance Negligible.

END

Additional Sheets Are Attached

				1111-44						
U.S. Department of Transportation 1. Date										
Federal Aviation Administration NOV 10 2011										
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS										
	Aircraft or Aircraft Component Identification									
2. Make	3. Model No. 4. Type (Airplane, Radio, Helicopter, etc.) 5. Name of Applicant									
BELL HELICOPTER TEX	•									
CANADA LIMITED	206L-3		HELICOPTER	PHI, INC.						
		LIST OF DATA								
6. Identification 7. Title										
DOC. PHI-206L-RP	DOC. PHI-206L-RP-0209, REPAIR PROCEDURE FOR AFT LOWER SHELL ASSEMBLY P/N REV. IR, 11-07-11 206-033-099-225 (RH AFT CROSSTUBE MOUNT AREA) ON A									
			PTER, ACFT S/N: 51506							
DOC. PHI-206L-RP	-0210. REPAIR PROC	EDURE FOR AF	T LOWER SHELL ASSEMBLY	Y P/N						
REV. IR, 11-08-11			SSTUBE MOUNT AREA) ON							
			PTER, ACFT S/N: 51506							
RPT. PHI-206L-SA-		ANALYSIS FOR	R REPAIR PROCEDURES PHI	-2061 -RP-0209						
			TED AFT EDGE ON AFT LOV							
REV. IR, 11-10-11		VULUIGEF ANA								
		STRUCTURAL	APPROVAL ONLY							
		only for Bell Mo	del 206L-3, S/N 51506.							
	Notos: 1 This approv	ol is for design d	ata only. It indicates the data li	sted ahove						
	Notes: 1. This approv	ans for design d	with the regulations specified by	v paragraph						
		"Applicable Req		y paragraph						
	listed below as		oproval of all the engineering da	ta popossan/for						
	2. This form c	onstitutes FAA ap	proval of all the engineering us	ata necessary ioi						
			necessary requirements for the	repairs as specified						
	in the above da	ala.								
0 Dete	I									
8. Purpose of Data			N 51508							
	SUPPORT OF MAJOR R									
	THIS APPROVAL IS FOR		DESIGN DATA UNLT.							
9. Applicable Requ	irements (List specific sec	uons)								
	07 004/ 3/13/ 3 07 000	07 000/-> 07 00	7(~)[0] 07 007(~) 07 004(-)							
14 CFR Section	$rs \ge 7.301(a)(b)(c), 27.303$	21.3U3(a), 21.3U)7(a)[3], 27.337(a), 27.601(a),	25(a)(c)						
27.603(a)(b)(c)	[10], 27.005(a)[16], 27.607	(U)[4], 21.009(a)	(b), 27.613(a)(b)(c)(d)[16], 27.6	original						
In accordance	with 14 CFR Part 2/ with a		through 27-24, exceeding the	orginal para * is amdt level						
certification basis per TCDS H2SW (CAR 6). All are at amdt. 27-0 unless noted as [*], where * is amdt. level. 10. CERTIFICATION - under authority vested by direction of the Administrator and in accordance with the conditions										
10. CERTIFICATIO	N - under authority vested	by airection of the	stod above and on attached ab	eets numbered						
and limitations of a	ppointment under 14 CFF	with the estential	sted above and on attached sh	mnly with annlicable						
	(none) have been examined in accordance with the established procedures and found to comply with applicable									
requirements of the Airworthiness Standards listed.										
		approval of these	data							
	Kecommend	approval of these	s uald							
I (We) Therefore										
X Approve these data										
11. Signature(s) of Designated Engineering Representatives 12. Designation Number(s) 13. Classifications										
	Vn L-1									
Roland M. Howard,	Ir., PE Charoff. F	ART-AL	DERT-710134-SW	Structures						
			I							

FAA Form 8110-3

					1111-44					
U.S. Department of Transportation 1. Date										
Federal Aviation Administration NOV 10 2011										
STATEMENT C	STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS Aircraft or Aircraft Component Identification									
0. Malua										
2. Make		Model No. 4. Type (Airplane, Radio, Helicopter, etc.) 5. Name of Applicant								
CANADA LIMITED		206L-3 HELICOPTER PHI, INC.								
		2002-3	LIST OF DATA							
6. Identification										
DOC. PHI-206L-RP REV. IR, 11-07-11	-0209, 	0209, REPAIR PROCEDURE FOR AFT LOWER SHELL ASSEMBLY P/N 206-033-099-225 (RH AFT CROSSTUBE MOUNT AREA) ON A BELL MODEL 206L-3 HELICOPTER, ACFT S/N: 51506								
DOC. PHI-206L-RP REV. IR, 11-08-11	-0210,	206-033-099-22	25 (LH AFT CRO	FT LOWER SHELL ASSEM DSSTUBE MOUNT AREA) (PTER, ACFT S/N: 51506						
RPT. PHI-206L-SA- REV. IR, 11-10-11	 0102, 			R REPAIR PROCEDURES I ATED AFT EDGE ON AFT L						
			STRUCTURAL	APPROVAL ONLY						
			only for Bell Mo	del 206L-3, S/N 51506.						
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	Notes:			ata only. It indicates the dat						
			"Applicable Req	with the regulations specifie	u by paragraph					
				oproval of all the engineering	g data necessary for					
				necessary requirements for						
		in the above da	•							
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8. Purpose of Data										
		T OF MAJOR RE								
				DESIGN DATA ONLY.						
9. Applicable Requ	irements (i	List specific secu	ons)							
27.603(a)(b)(c) In accordance v certification bas 10. CERTIFICATION and limitations of a	[16], 27.60 with 14 CF sis per TCI N - under a ppointmen n examined	5(a)[16], 27.607(R Part 27 with ar DS H2SW (CAR authority vested b t under 14 CFR d in accordance v	b)[4], 27.609(a) nendments 27- 6). All are at an y direction of th Part 183, data I with the establis	07(a)[3], 27.337(a), 27.601(a (b), 27.613(a)(b)(c)(d)[16], 2 1 through 27-24, exceeding f adt. 27-0 unless noted as [*], 2 Administrator and in accor sted above and on attached ned procedures and found to	27.625(a)(c). the original , where * is amdt. level. dance with the conditions I sheets numbered					
	Becommond entrovel of these date									
I (We) Therefore	Recommend approval of these data									
X Approve these data										
11. Signature(s) of Designated Engineering Representatives 12. Designation Number(s) 13. Classifications										
TT. Signature(s) of L	vesignated	VA K-1	and a second sec	Trz. Designation Number(S						
Roland M. Howard, J	r., PE	lothers 1.P	arondy.	DERT-710134-SW	Structures					
FAA Form 8110-3			,	1						

0	<u>, , , , , , , , , , , , , , , , , , , </u>	MAJOR R	EPAIR AND A		DN	Form Approved OMB No. 2120-0020 11/30/2007	Electronic Tracking Number
US Department of Transportation Federal Aviation Administratio	'n		rplant, Prope				For FAA Use Only
INSTRUC for instruc	FIONS: Print tions and di	t or type all entries sposition of this f violation (49 U.S.C	orm. This report i	R §43.9, Part 4 s required by	13 Appendix B, a law (49 U.S.C.	and AC 43.9-1 §44701). Failur	(or subsequent revision thereof) re to report can result in a civil
	Nationality	and Registration Mar	<		Serial No.		
1. Aircraft	N Make	1206FS			Model	51506	Series
I. Allolat		Bell				206	L-3
2. Owner		s shown on registration PHI,Inc.	certificate)		Address City	own on registration 2001 SE Ex Lafayette 508-2156 C	vangeline ThruwayState <u>LA</u>
						508-2156	USA
 			3	. For FAA Use	e Only		
4. T	уре			5. l	Jnit Identificatio	on	
Repair	Alteration	Unit	Mak	(e	Ma	odel	Serial No.
		AIRFRAME	L		(As described i	n Item 1 above)
		POWERPLANT					
		PROPELLER	Туре				
			libe				
		•	Manufacturer				
				Conformity St			
A. Agency' Name	s Name and	Address COMPOSITES	<u>B.</u>	Kind of Agence	y ated Mechanic		Manufacturer
Address	301 W. PO	NT DES MOUTO	NROAD	Foreign Cert	ificated Mechanic		C. Certificate No.
City Zip	LAFAYET 70507	TE State Country U.S.			pair Station Intenance Organiz		RS B1H2300N Limited Airframe
D. I certif have b	y that the rep been made in	pair and/or alteration	made to the unit(s) identified in it Part 43 of the L	em 5 above and c	lescribed on the	reverse or attachments hereto and that the information
Extended ra per 14 CFR App. B	ange fuel Part 43	S	nature/Date of Au	uthorized Indiv			
· · · · · · · · · · · · · · · · · · ·			7. Ap		turn To Service		
Pursuant to Administra	the author tor of the Fe	ity given persons s deral Aviation Adr	pecified below, th ninistration and is	e unit identifie	d in item 5 was i APPROVED [nspected in the	manner prescribed by the
BY	FAA Flt. Inspecto	Standards or	Manufacturer	Mainten	ance Organizatio	on	Persons Approved by Canadian Department of Transport
	FAA Des	signee X	Repair Station	Inspecti	on Authorization	Oth	er (Specify)
Certificate Designatio B1H2300N	n No.		gnature/Date of Au	uthorized Indiv		R	
EAA For	n 337 (10-06)			<u> </u>	- <u> </u>		

NOTICE Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be
compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.
8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
N206FS 11/15/2011 Nationality and Registration Mark Date
NOMENCLATURE: REAR FACING KICK PANEL ORIGINAL PART NUMBER: 206-033-113-011 SERIAL NUMBER: AO-02514 WORK ORDER NUMBER: W144395AA
OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-013, REVISION B, DATED 2/23/99.
Additional Sheets are Attached

8		N	AJOR REPAIR A			TERATIO			Form Appr OMB No. 2 11/30/2007	2120-0020	
US Departme of Transportat Federal Aviat Administratio	ion ion		ne, Powerplant,								For FAA Use Only
instruction		ition of this	s form. This report is r								sequent revision thereof) for sult in a civil penalty for each
	Nationalit N230		stration Mark				Serial No 515				
1. Aircraft	Make Beli	H					Model 20	6		5	Series L-3
			registration certificate)			Address Address 20				certificate) uway
2. Owner	PHI,	IIIC.						afayette 1508-215	56	Count	state LA try USA
					3. F	or FAA Use	Only				
4. Ty	vpe				5. l	Jnit Identific	ation				
Repair __	Alteration	Uni	t	Ma	ke			Moo			Serial No.
	. 🔽	AIRFRAN	ле <u></u>		(As described in a				ltem 1 ab	ove)	
		POWERF	PLANT								
		PROPEL									
		APPLIAN	CE Manufacturer								
				6		nformity Sta					· · · · · · · · · · · · · · · · · · ·
A. Agency's Name PHI,		ddress			<u>В</u> .	Kind of Agend	y ated Mechanic		<u>_</u>	Man	ufacturar
	. Box 90808	3					ficated Mechanic		C	l	ufacturer
city Lafa	/ette	untry USA	State LA		\checkmark	Certificated F	Repair Station				HEER617E
D. I certify have b	/ that the rep een made in	air and/or	alteration made to the e with the requiremen prrect to the best of my	ts of I	Part	dentified in ite 43 of the U.S	em 5 above	and desc	cribed on		erse or attachments hereto at the information
Extended rai per 14 CFR App. B	0		Signature/Date of Au Wayne P			ndividual <i>U</i> S	104 me. 01 / 19 /	P.p./k 2012	lint.		
	····		7	. App	orov	ai for Return					
			persons specified b on Administration and		, the	e unit identifi	ied in item	·	inspected Rejected	d in the	e manner prescribed by the
	AA Flt. Stand spector	ards	Manufacturer		Ma	aintenance Or	ganization		Persons Approved by Canadian Department of Transport		
	AA Designee	x	Repair Station		Ins	spection Author	orization	Othe	er (Speci	fy)	
Certificate or Designation I			Signature/Date of Au				vayne	-PI	P flor	no	
	IEER617E		Wayne P	ipk	in	3	<i>' 01</i>	19/8	2012		³

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

scription of Work Accomplished more space is required, attach additional sheets. Identify	with aircraft nationality and registration mark and date work completed.)
	N230PH 01/19/2012
	Nationality and Registration Mark Date
ST	FC INSTALLATION
Installed Reconfigured Cockpit Instrument PHI Master Drawing and Document List No later FAA approved revision.	Panel in accordance with PHI, Inc. STC SR09594RC and lo. PHI-206L-DL-0012 Rev. B dated December 28, 2011 or
Rotorcraft Flight Manual Supplement numb or later FAA approved revision and is inser	ber PHI-959-206L-INST-001 Rev. O dated January 5, 2012 rted into rotorcraft flight manual.
Instructions for Continued Airworthiness ar September 26, 2011 or later FAA accepted	re in PHI Document No. PHI-206L-ICA-0003 Rev. IR dated revision.
Compass tested and corrected as required.	
Actual weight and balance complied with.	
	END END
	А
	Additional Sheets Are Attached

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FAA Form 337 (10-06)

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Q US Departmen			MAJ	OR REPAIR AND) A	L1	FERATION	i .			pproved o. 2120-0020 007	Electronic Tracking Number For FAA Use Only
of Transportati Federal Aviati Administration	on on n	•		Powerplant, Pro	-							
instructions	FIONS: Print s and dispos ion. (49 U.S.	ition of	f this for	tries. See Title 14 Cl m. This report is requi	FR ired	§4 I by	3.9, Part 43 / law (49 U.s	Appendi S.C. §447	x B, and '01). Failu	AC 43.9- re to repo	1 (or sub ort can re	sequent revision thereof) for sult in a civil penalty for each
	Nationalit N206	y and F		ion Mark				Serial	No. 1506			
1. Aircraft	Make	5-3		2.00 m				Model				Series
	Bell								206		· .	L-3
			n on regi	stration certificate)	-			Address	ss (As sho 2001 SE	wn on re Evange	<i>gistration</i> eline Thr	certificate) uway
2. Owner	PHI,	Inc.						City	Lafayette	Э		State LA
				11				Zip	70508-2	156	Cour	try USA
				بر مربق المربق ا	3.	. Fo	or FAA Use	Only			<u> </u>	
4. Ту							nit Identifica	ition		iodel		Carial No.
Repair	Alteration	<u> </u>	Unit	Mi	ake							Serial No.
\checkmark		AIRFI	RAME			(As described ir				n Item 1	above)	
		POW	ERPLAN	п								
		PROF	PELLER									
				Туре								
		APPL	IANCE	Manufacturer								
لـــا				Manulacture								
				1	6. C	Con	formity Sta	tement				
A. Agency's I	Name and A	ddress			E	3. K	and of Agend	;y				
Name PHI,	Inc.						U. S. Certific	· · · · · · · · · · · · · · · · · · ·				nufacturer
Lafa	<u>Box 90808</u>	8		State LA			Foreign Certi				C. Certif	icate No.
city <u>Lafay</u>	9-0808_co		ISA	State LA	¥	-	Certificated F			tion	4	HEER617E
				· · · · · · · · · · · · · · · · · · ·	<u> </u>						on the rev	erse or attachments hereto
have b	een made in	accord	dance wi	th the requirements of	f Pa	art 4	43 of the U.S	. Federal	Aviation I	Regulatio	ns and the	verse or attachments hereto at the information
furnish	ed herein is	true an		t to the best of my kno								
Extended rar			Sig	nature/Date of Author	ize	d Ir	ndividual					
per 14 CFR I App. B	Part 43		V	itch P.M. DM	<i>.</i> .1	1	PATRI	DA	A.D.	NALC	N N	11-21-2011
							al for Return	_		NINU	,	
Pursuant t Administrat	to the authorito the Feo	ority gi deral A	ven per viation A				unit identif		em 5 wa	s inspec	ted in th ed	e manner prescribed by the
F/	AA Flt. Stand			anufacturer		Mai	intenance Or	ganizatio	n		ons Approv rtment of T	ed by Canadian ransport
BY	spector AA Designee)	X Re	epair Station		Ins	pection Auth	orization	0	ther (Sp	ecify)	
Certificate or			Sia	nature/Date of Author	ize	d Ir	ndividual		I			
Designation N	No. IEER617E		10	etch P. M. S.			\sim	TRICK	PM	Dr	IALD	11-21-2011
FAA Form	007									,		

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

cription of Work Accomplished nore space is required, attach additi	ional sheets. Identify with aircrat	t nationality and registration ma	rk and date work completed.)
		N206FS Nationality and Registra	tion Mark Date
	Structu	ral Repair	
		ower Shell Assen	nbly
Part Nomenclature:	Lower Shell Assy.	Part Number:	206-033-099-225
Work performed:			

Repair # <u>PHI-206L-RP-0209</u>, <u>Revision IR</u>: Cut out the damaged area of outer skin as required at aft seam under RH crosstube support mount. Fabricated & installed 1 each prebond aluminum filler and 2 each prebond aluminum doublers with 3 plies of fiberglass overlays for under side repair. Applied 2 each layers of fiberglass to top side area as required. Repair was installed using materials noted in repair procedure.

Repair # <u>PHI-206L-RP-0210</u>, <u>Revision IR</u>: Cut out the damaged area of outer skin as required at aft seam under LH crosstube support mount. Fabricated & installed 1 each prebond aluminum filler and 2 each prebond aluminum doublers with 3 plies of fiberglass overlays for under side repair. Applied 2 each layers of fiberglass to top side area as required. Repair was installed using materials noted in repair procedure.

Structural repairs made according to the manufacturer's helicopters structural repair manual, except the size of these repairs exceeded the limits as specified in the manual.

Approval	received for these repairs	according to data approve	d on FAA Form 8110-3.
By DER:	Roland M. Howard, Jr.	Designation Number:	DERT-710134-SW
Dated:	11-10-2011	8110-3 Serial Number:	1111-44

Weight and balance Negligible.

END

Additional Sheets Are Attached

				1111-44							
	U.S. Department of Trans	portation		1. Date							
	Federal Aviation Adminis			NOV 10 2011							
STATEMENT C	OF COMPLIANCE WITH A	IRWORTHINES	S STANDARDS								
	Aircraft or Aircraft C	omponent Identifi	cation								
2. Make	3. Model No.		ne, Radio, Helicopter, etc.)	5. Name of Applicant							
BELL HELICOPTER TEX	•	· · ·) }- (· · · · · · ·	·								
CANADA LIMITED	206L-3		HELICOPTER	PHI, INC.							
		LIST OF DATA									
6. Identification			7. Title	······································							
		<u>_</u>									
DOC. PHI-206L-RP			T LOWER SHELL ASSEMBLY DSSTUBE MOUNT AREA) ON								
BELL MODEL 206L-3 HELICOPTER, ACFT S/N: 51506											
DOC. PHI-206L-RP	-0210. REPAIR PROC	EDURE FOR AF	T LOWER SHELL ASSEMBLY	Y P/N							
REV. IR, 11-08-11											
	REV. IR, 11-08-11 206-033-099-225 (LH AFT CROSSTUBE MOUNT AREA) ON A BELL MODEL 206L-3 HELICOPTER, ACFT S/N: 51506										
RPT. PHI-206L-SA-		ANALYSIS FOR	R REPAIR PROCEDURES PHI	-2061 -RP-0209							
			TED AFT EDGE ON AFT LOV								
REV. IR, 11-10-11		VULUIGEF ANA									
		STRUCTURAL	APPROVAL ONLY								
		only for Bell Mo	del 206L-3, S/N 51506.								
	Notos: 1 This approv	ol is for design d	ata only. It indicates the data li	sted ahove							
	Notes: 1. This approv	ans for design d	with the regulations specified by	v paragraph							
		"Applicable Req		y paragraph							
	listed below as		oproval of all the engineering da	ta popossan/for							
	2. This form c	onstitutes FAA ap	proval of all the engineering us	ata necessary ioi							
			necessary requirements for the	repairs as specified							
	in the above da	ala.									
0 Dete	I										
8. Purpose of Data			N 51508								
	SUPPORT OF MAJOR R										
	THIS APPROVAL IS FOR		DESIGN DATA UNLT.								
9. Applicable Requ	irements (List specific sec	uons)									
	07 004/ 3/13/ 3 07 000	07 000/-> 07 00	7(~)[0] 07 007(~) 07 004(-)								
14 CFR Section	$15 \ge 7.301(a)(b)(c), 27.303$	21.3U3(a), 21.3U)7(a)[3], 27.337(a), 27.601(a),	25(a)(c)							
27.603(a)(b)(c)	[10], 27.005(a)[16], 27.607	(U)[4], 21.009(a)	(b), 27.613(a)(b)(c)(d)[16], 27.6	original							
In accordance	with 14 CFR Part 2/ with a		through 27-24, exceeding the	onymai bara * is amdt levol							
certification bas	sis per TODS H2SW (CAR	o). All are at an	dt. 27-0 unless noted as [*], wh	ice with the conditions							
10. CERTIFICATIO	N - under authority vested	by airection of the	e Administrator and in accordar	eets numbered							
and limitations of a	ppointment under 14 CFF	rail 100, Uala II	sted above and on attached sh	mnly with annlicable							
			ned procedures and found to co	mpiy will applicable							
requirements of the	Airworthiness Standards lis	sieu.									
		approval of these	data								
	Kecommend	approval of these	s uald								
I (We) Therefore		o doto									
	X Approve these data										
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Roland M. Howard,	Ir., PE Charoff. F	ART-AL	DERT-710134-SW	Structures							
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FAA Form 8110-3

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		artment of Trans			1. Date						
		Aviation Adminis			NOV 10 2011						
STATEMENT C		IANCE WITH A									
0. Malua		raft or Aircraft Co									
2. Make	3. Model	NO.	4. Type (Airpia	ne, Radio, Helicopter, etc.)	5. Name of Applicant						
CANADA LIMITED		206L-3		HELICOPTER	PHI, INC.						
		2002-3	LIST OF DATA								
6. Identification]			7. Title							
DOC. PHI-206L-RP REV. IR, 11-07-11	-0209, 	206-033-099-22	25 (RH AFT CR	FT LOWER SHELL ASSEM DSSTUBE MOUNT AREA) PTER, ACFT S/N: 51506							
DOC. PHI-206L-RP REV. IR, 11-08-11	-0210,	206-033-099-22	25 (LH AFT CRO	FT LOWER SHELL ASSEM DSSTUBE MOUNT AREA) (PTER, ACFT S/N: 51506							
RPT. PHI-206L-SA-0102, REV. IR, 11-10-11STRUCTURAL ANALYSIS FOR REPAIR PROCEDURES PHI-206L-RP-0209 & -0210 (CORRODED/SEPARATED AFT EDGE ON AFT LOWER SHELL)											
STRUCTURAL APPROVAL ONLY											
			only for Bell Mo	del 206L-3, S/N 51506.							
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	Notes:			ata only. It indicates the dat							
			"Applicable Req	with the regulations specifie	u by paragraph						
				oproval of all the engineering	g data necessary for						
				necessary requirements for							
		in the above da	•								
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8. Purpose of Data											
		T OF MAJOR RE									
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27.603(a)(b)(c) In accordance v certification bas 10. CERTIFICATION and limitations of a	[16], 27.60 with 14 CF sis per TCI N - under a ppointmen n examined	5(a)[16], 27.607(R Part 27 with ar DS H2SW (CAR authority vested b t under 14 CFR d in accordance v	b)[4], 27.609(a) nendments 27- 6). All are at an y direction of th Part 183, data I with the establis	07(a)[3], 27.337(a), 27.601(a (b), 27.613(a)(b)(c)(d)[16], 2 1 through 27-24, exceeding f adt. 27-0 unless noted as [*], 2 Administrator and in accor sted above and on attached ned procedures and found to	27.625(a)(c). the original , where * is amdt. level. dance with the conditions I sheets numbered						
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	X] Approve these	e data								
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Roland M. Howard, J	r., PE	lothers 1.P	arondy.	DERT-710134-SW	Structures						
FAA Form 8110-3			,	1							

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INSTRUCTIO			entries. See FAR				Ind AC 43.9- Lilure to repo	t (or subseque ort can result in	entrev n a civi	vision the	ereof) for ins y not to exce	tructions ed \$1,000	
for each such	Make Or	on 90	1 Federal Aviat				Interdel						
1. Aircraft	BEL	<u></u>	-			.	Nationality and Registration Mark N 206 FS						
	Serial No. 5	15	06				Address	As shown on r	eaistr	JV ation ce		3	
			registration cer				2400	Corporate	Exc	hange	Drive		
2. Owner	BANC ONE -	TEX	AS LEASING	CORP.			Columb	us OH.	43	3231			
	[~			3. Fc	or FAA Use O	Iniy	<u></u>					
					4. U	nit Identifica	tion				5. Type		
Unit		Make	2	[Model		Seria	l No.		Repair	Alteration	
AIRFRAME				As desci	ribed	ibed in Item 1 above)							
	1			I								1	
POWERPLANT													
PROPELLER	·	•	· .		<u> </u>								
· · · · · · · · · · · · · · · · · · ·	Туре						-						
APPLIANCE	Manufacturer										, 		
				6	i. Co	nformity Sta	tement						
A. Agency's	Name and Addre	\$S			8.	Kind of Ager	ted Mechanik				lificate No.		
Ablem	Itallic '	S	rvices				ificated Mech			UD	TBR 6	24K	
3200	N. Delo	ررب			X		Repair Station	1					
D. I certify	in 2000		alteration made	Tentente		dir 40 01 1110	Less dabour	and described	d on th julatic	ne revers	e or attachm that the info	ients hereto rmation	
furnishe Date	d herein is true	and	correct to the be	st or my	Sig	pature of Au	ithorized ynd	dividual	Π		,	······································	
	-18-95				ł	(Am	b	che	an			
·····				7. A	pprot	al for Return	To Service						
Pursuant t Administra	o the authority tor of the Federa	giver al Av	n persons specili iation Administr	lied belo ation and	w,th dis	NAPPRO	VED 0			the ma	anner presci		
FA	A Fit. Standards		Manufacturer			pection Author	orization	Other (Sp	ecity)	· .			
BY FA	A Designee	X	Repair Station		Ca	nada Airworlt	iness Group	2	<u> </u>	7			
	oval or Rejection	1	Certificate or Designation No	-	Sic	prature of Au	ithorized hi	dividual	4.	han	\sim		
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Weight and balanc	e or operating limi	itation changes shall be eq	ntered in the appropriate airci	ralt record. An alteration must be e airworthiness requirements.
		<u>.</u>		
Description of Worl	Accomplished	onal sheefs. Identify with airc	rall nationality and registration	mark and date work completed.)
Job H: 14073				
PIN: 206.0	40-530-0			•
51N: A-46				
Repair of 1	core #2 or	ily I.A.W. AD	le Metallic SP-2	BYNNC INIZ
is a FA	I approved	l repair: 12-18-	95. End.	
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8		M	JOR REPAIR			RATION	···· , .		Form Appro OMB No. 2	oved 2120-0020	
US Department of Transportation Federal Aviation			, Powerplant,				ce)		Fo Office Iden	or FAA Use C	Only
and disposit	ion of this form.	This	ntries. See FAR 43 report is required 901 Federal Aviatic	l by la	w (4	9 U.S.C. 1421).	d AC 43. Failure to	9-1 (or subseque report can resul	ent revision t in civil pena	thereof) for i	nstructions eed \$1,000
	Make Bell		. , , , , , , <u></u>				Model 2				
1. Aircraft	Serial No. 515	06					National N206FS	ty and Registration	on Mark	<u> </u>	
2. Owner	Name (As sho Petroleum H		on registration cert opters, Inc.	ificate)			2001 SE	: (As shown on re Evangeline Thi te, LA 70508-21	ruway	ertificate)	
	I				3. F	For FAA Use O	nly				
					4. L	Init Identificati	on			5. Туре	
Unit		Ma	ke			Model		Serial	No.	Repair	Alteration
AIRFRAME	-			(As de:	scribe	ed in Item 1 abo	ve)	-	×		
POWERPLANT							-				
PROPELLER											
	Туре							· · • • • • • • • • • • • • • • • • • •			
APPLIANCE	Manufacturer										
				6	. Cor	formity State	nent			· · ·	I
A. Agency's Na		SS			B. I	Kind of Agency			C. Certif	icate No.	
Petroleum Helico P. O. Box 90808	pters, Inc.				<u> </u>	U.S. Certificated	Mechanic		_	HEER617	
Lafayette, LA 70	509				-	Foreign Certifica		nic		rame, Powerpl ccessories Lin	
					×	Certificated Rep Manufacturer	alr Station			adio Class 1, 2	
D. Icertify the	at the repair and/o	r alter	ation made to the unit	(s) identi	fied in		described o	on the reverse or att	achments here	to have been m	ade in
accordance with	the requirements	of Pa	t 43 of the U.S. Feder	al Aviatio	on Reg	julations and that th	e informatio	on furnished herin is	true and correc	t to the best of r	ny knowledge.
Date					Sig	nature of Autho	ized Indiv	ridual			
9-	29-00	4			-	Terull K	E W	alance			
				7. App	orova	I for Return To	Service				
			rsons specified be ion Administration			identified in iten		spected in the m	anner prescr	ibed by the	
BY FAA	Flt. Standards		Manufacturer			pection Authoriz		Other (Spec	ify)		
1 1	Designee	×	Repair Station		Car	son Approved b ada Airworthin	ess Group	>			
Date of Approv	•		Certificate or Designation No.		· ·	nature of Author		idual Mancon			
9-29	-04		HEER617E	2		und "		uanco			

FAA Form 337 (12-88)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Structural Repairs

Repair of L/H Nose Panel Assy.

Part Nomenclature:

Nose Panel

Part Number:

206-031-124-111

<u>Work performed:</u> Removed damaged area from nose panel assembly as required. Fabricated and installed composite bond doubler with fiberglass overlays to L/H nose panel at vent area in accordance with Procedure B of repair number: <u>206-031-124-all</u>.

Structural repairs made according to the manufacturer's helicopters structural repair manual, except the size of this repair exceeded the limits as specified in the manual.

Approval received for this repair according to data approved on FAA Form 8110-3.

By DER:	Glenn R. Grimes	Designation Number:	SW 715
Dated:	7-12-91	Serial Number:	8110-12731

Weight and Balance amended.

Additional Sheets Are Attached

						. •:			<u>_</u>		•		
Í	>									Form App			
			N	AJOR REPA	IR AI	ND	ALTERATIO	ON	-		. 2120-0020		
	Departmer transportate	on (A i	irfra	ime, Powerpla	ant, P	rop	eller, or Ap	pliance) -	For FAA Use Only Office Identification			
	deral Aviat ministratio							- -			nuncation		
an	d dispos	ition of this form	n. Th	all entries. See FAF is report is required n 901 Federal Avia	d by lav	v (49	U.S.C. 1421). Fa	nd AC 43. illure to re	9-1 (or subseque port can result in	nt revision a civil pena	thereof) for ir alty not to exc	eed \$1,000	
		Make						Model				· · · · · · · · · · · · · · · · · · ·	
1. A	ircraft		e11						206L-3				
		Serial No.	1506	\$				National	ity and Registrati N206FS	on Mark	•		
	•			on registration ce	rtificate)		Address	(As shown on re	gistration	certificate)		
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2. 0	WIICI								Providence	, RI (02903		
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•					· · · ·	4.	Unit Identificati	on .			5. Type		
	Unit	s	Ма	ike			Modei		Serial N	0.	Repair	Alteration	
AIRF	RAME	~	••••	•••••••••••••••••••••••••••••••••••••••	As des	ہ cribed in Item 1 above) میں			~	x .			
DOW		-						•					
PUW	ERPLANT		•										
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APPL	IANCE	Manufacture	er								•		
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A. A	gency's	Name and Addi	ress	· · · · · · · · · · · · · · · · · · ·		-	nformity Staten Kind of Agency		······································	C. Cert	ificate No.	· · · ·	
	*·	um Helicop		a Tao			U.S. Certificated			AIRFR	AME, POWI	ERPLANT	
		x 90808	LET	5, Inc.			Foreign Certific	ated Mecha	inic		ESSORIES		
		ce, LA 70	509			X	Certificated Rep	air Station		-	CLASS 1		
			·	· · · · · · · · · · · · · · · · · · ·			Manufacturer				O. HEER61		
D.	I certify have be	that the repair a en made in acc	ınd/o ordaı	r alteration made to nce with the require	o the ur ements	nit(s) s of P	identified in iten Part 43 of the U.S	n 4 above a S. Federal	and described on Aviation Regulat	the reverse ions and t	e or attachmei hat the inform	nts hereto ation	
		d herein is true	and	correct to the best	of my					-1414			
Date		•				Sig	nature of Autho	rized Indi	vidual				
	N	Q-)9-9	21			C		S			SCHNEIDE	<u>ا</u> ۲	
					7. Ap	prov	al for Return To	Service					
				n persons specifie iation Administrati			e unit identified XXAPPROVE		was inspected	in the mar	nner prescribe	ed by the	
BY	1 1	A Fit. Standards pector		Manufacturer		Insp	pection Authoriza	ition	Other (Specify)			
		A Designee	x	Repair Station		Can	son Approved by ada Airworthines	s Group					
Date	of Appro	val or Rejection	1	Certificate or Designation No.		Sig	nature of Author	cized Indiv	vidual		Critilet Parameter		
	0 - 2	9-91		HEER617E		<	Bruce	52			SCHNEIDER		

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Repaired Manual, in the m	d Honeyco except t manual.	mb pan the siz	iels a e of :	ccordin some re	ıg to I epairs	Bell Heli exceeded	icopters 1 the li	s Struc	tural R s speci	epair fied	
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2		<u> </u>	-		_				Form App OMB No. 11/30/200	2120-0020	Electronic Tracking Number		
US Department of Transportation Federal Aviation Administration	on on	••		R REPAIR ANI owerplant, Pro							For FAA Use Only		
instructions	TONS: Print and disposition. (49 U.S.)	tion of thi	s form.	es. See Title 14 C This report is requ	FR	8 §43.9, Part 43 d by law (49 U.S	Appendix B, 5.C. §44701).	and A Failure	C 43.9-1 to repor	(or sub t can re	sequent revision thereof) for sult in a civil penalty for each		
Nationality and Registration Mark							Serial No. 5150	6					
1. Aircraft					Model 206			Series L-3					
2. Owner	Bell Name (As shown on registration certificate) Owner PHI, Inc.						Address (<i>As shown on registration certificate</i>) Address 2001 SE Evangeline Thruway City Lafayette state LA						
							zip <u>705</u> Only	Cour	Country USA				
4. Ty	pe					5. Unit Identifica	ation						
Repair	Alteration	Ur	it	Make			Model				Serial No.		
\checkmark		AIRFRA	ИE				(As described in Item 1 above)						
		POWERPLANT											
		PROPELLER											
		APPLIA	NCE	Type Manufacturer									
	1	<u> </u>				Conformity Sta							
	Name and A	ddress			_	B. Kind of Agen	cy ated Mechanic			Ма	nufacturer		
Name PHI, Inc. Address P. O. Box 90808							eign Certificated Mechanic C. Certificate No.						
City Lafayette						Y	Certificated Repair Station HEER617E						
D. certif	y that the re	accordar	nce with	tion made to the un the requirements to the best of my kr	of I	Part 43 of the U.S	em 5 above 5. Federal Av	and de ation F	escribed c Regulatior	on the re ns and th	verse or attachments hereto nat the information		
Extended ra per 14 CFR App. B			0	ature/Date of Author	na	4 PATRIC	KP.M.	Doni	ALO		01-12-2012		
Pursuant Administra	to the auth ator of the Fe	ority give deral Avia	n pers					5 was	s inspect Rejecte	ed in ti ed	he manner prescribed by the		
F	AA Fit. Stan			nufacturer		Maintenance C	rganization				ved by Canadian Transport		
BY	AA Designe	e >	(Rej	pair Station		Inspection Aut	norization	01	ther (Spe	ecify)			
Certificate or Designation				ature/Date of Autho		-							
	HEER617E		la	the P. M. Dn	N	al PATRICI	(P.McI	Dona	nD		01-12-2012		
FAA Forn	n 337 (10-06)												

Weight and balance or operating limitation changes shall be entered compatible with all previous alterations to assure continued conform	l in the appropriate aircraft r ity with the applicable airwo	ecord. An alteration must be rthiness requirements.
Description of Work Accomplished		
(If more space is required, attach additional sheets. Identify with aircraft national sheets.	onality and registration mark an	d date work completed.)
	N206FS	01-12-2012
	Nationality and Registration N	Mark Date
Structural Repair Replacement of Aft. Firewall Aft. Su	oport Angles	
Part Nomenclature: Support Angle Repair Number: PHI-206L-RP-006 Part Number: 206-064-902-028 and 206-064-902-027. Part Serial Nu	88 Rev. A mber: N/A	
Fitted, located & installed stainless steel angles on Aft. side of Aft. Fir A.	ewall in accordance with Re	pair # PHI-206L-RP-0068 Rev.
Structural repairs made according to the manufacturer's helicopters s exceeded the limits as specified in the manual.	tructural repair manual, exc	ept the size of some repairs
Approval received for these repairs according to data approved on FA	A Form 8110-3 .	
By DER: Michael T. Cox. Designation Number: DERT-710057-SW Dated: 9-22-2003. Serial Number: 8110-03478		
Actual Weight and Balance complied with.		
Additional Sheet	s Are Attached	

2		MA.IOF		EPAIR ANI		. т	FRATIC)N		Form Appr OMB No.		Electronic Tracking Number
US Department	(Δ ί	irframe, Po							:e)	2120-0020 2/28/2011		For FAA Use Only
of Transportation Federal Aviation Administratio		innanic, i c		i piant, i it	she		i, oi Ap	pnanc	,			
INSTRUC for instruc	TIONS: Prin		nis fo	orm. This repo								r subsequent revision thereof) to report can result in a civil
	Nationality	and Registration			4 1	• •		Seria			uuni -	
1. Aircraft		206FS						Mode	<u>51506</u>			Series
		ell s shown on registr	ation	certificate)				Addre	206 ess (As sho	wn on regisi	ration c	L-3
2. Owner		HI, Inc.		,				Addı City Zip	ress <u>20</u> La		Evan e	geline Thruway State LA
					3	Fo	r FAA Use			508-21	5600	intry <u>USA</u>
					5.	FUI	I FAA USE	Only				
4. 1	Гуре			1			5. U	nit Ider	ntificatio	1		
Repair	Alteration	Unit			Mak	e			Мо	del		Serial No.
		AIRFRAME						(As de	scribed in	Item 1 at	oove)	
		POWERPLAI	ΝT									
		PROPELLER										
		APPLIANCE		Туре								
				Manufacture	er							
					6 0	onf	ormity St	tomon	4			
A. Agency	's Name and	Address					ormity Sta of Agency		[
Name Address		ICOPTER TE					S. Certifica				0.0	Manufacturer
City	LAFAYET	NT DES MOU TE S	tate	LA	х		ertified Rep					Certificate No. S B1H2300N Limited Airframe
Zip	70507	Country U	.S.A				ertified Mair			ation	Lim	ited Specialized Services
have l	been made in	air and/or altera accordance wi true and correc	th the	e requirements	of F	Part	43 of the U	m 5 abo S. Fede	ove and de eral Aviatio	escribed of Regulat	n the re ions an	everse or attachments hereto d that the information
Extended r per 14 CFF App. B			Sig	nature/Date o	f Au	thor	ized Indivi	dual		10/1	3/1	,
				7.	Арр	orov	al for Ret	urn To	Service	(- 1 (]	
Pursuant t Administra	o the authori itor of the Fe	ty given perso deral Aviation	ns sp Adm	pecified below inistration and	, the d is	e uni	it identified	in item APPRO		spected ir] REJEC		anner prescribed by the
ВҮ	FAA Fit. Inspecto	Standards r		Manufacture	ər		Maintena	ince Or	ganizatio	ו ע		Persons Approved by Canadian Department of Transport
	FAA Des	signee	X	Repair Statio	on		Inspectio	n Autho	orization		Other	(Specify)
Certificate Designatic			Sig	nature/Date o	f Au	thor	ized Indivi	dual	$ \Lambda $		/	/
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FAA For	m 337 (10-06)						·····		7	· · · / ···		

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NOTIOE
NOTICE Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be
compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.
8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
N206FS
Nationality and Registration Mark Date
NOMENCLATURE: RH SIDE PANEL ORIGINAL PART NUMBER: 206-033-115-183 SERIAL NUMBER: BP0000121 WORK ORDER NUMBER: W176390AA
OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH BELL HELICOPTER TEXTRON, INC. FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-055 DATED 9/15/99.
ENDEND
ENDEND

49

□ Additional Sheets are Attached

S	<u>a wangangan sana kangang sana</u>		MΔ	JOR REPAIR AN			1		Form App OMB No. 11/30/200	2120-00	Electronic Tracking Number 20 For FAA Use Only
US Department of Transportatio Federal Aviatio Administration	'n	•	rame	, Powerplant, Pro	op	eller, or App	liance)				
instructions	and disposi on. (49 U.S.)	tion of C. §463	this fo 301(a))	orm. This report is requ)	CFR uire	t §43.9, Part 43 d by law (49 U.t	5.C. §447	101). Fallur	AC 43.9-1 e to repor	(or su t can r	ibsequent revision thereof) for esult in a civil penalty for each
	Nationality N206		Registra	ation Mark			Serial 5	No. 1506			
1. Aircraft	Make					······································	Model				Series
	Bell							206			L-3
	Name (As	showr	n on re	gistration certificate)			Address	ss (As show 2001 SE	<i>vn on regi</i> Evangel	istratioi ine Th	n certificate) nruway
2. Owner	PHI,	Inc.					City	Lafayette			State LA
							Zip	70508-21	56	Co	untry USA
						3. For FAA Use	Only				
4. Ty						5. Unit Identific	ation				
Repair	Alteration		Unit	ł	Mak				odel		Serial No.
	X	AIRFI	RAME				(As c	described in	n Item 1 a	bove)	
		POW	ERPLA	ANT							
		PROF	PELLE	R					<u></u>		
				Туре							
		APPL	.IANCE	E Manufacturer			-				
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A. Agency's	Jame and A	ddroes				B. Kind of Agen					
Name PHI.				····		U, S. Certifi		nanic			lanufacturer
1	Box 9080	8		State LA	-	Foreign Cer				C. Cei	rtificate No.
· · · · · · · · · · · · · · · · · · ·	<u>-0808</u> 0	_{untry} L	ISA		-	-X		ice Organiza	tion		HEER617E
D. I certify	that the re	pair an	d/or all dance	teration made to the u with the requirements ect to the best of my k	of F	Part 43 of the U.	em 5 ab S. Federa	ove and de al Aviation F	escribed c Regulatior	on the r ns and	reverse or attachments hereto that the information
Extended rar				Signature/Date of Auth							
per 14 CFR	0			KETATASANAN K. K.		\neg	Ĺ	. ^		- 14	
Арр. В				THOMAS LANE		Chronical for Retur	<u>n to Serv</u>		18-20		
Pursuant Administra	to the auth	ority g deral A	iven p		ow,			tem 5 wa	s inspect	ed in ed	the manner prescribed by the
F,	AA Fit. Stan			Manufacturer		Maintenance C					roved by Canadian of Transport
BY	AA Designer	Э	x	Repair Station		Inspection Aut	horization		ther (Spe	ecify)	
Certificate or				Signature/Date of Auth	ioriz	zed Individual		l			
Designation	No. IEER617E			THOMAS LAN		31	S.		10.000	1ž	
}				THOMAS LAN	٤٢	Stomes 6	Jane	- 12-	18.201	(

FAA Form 337 (10-06)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

nore space is required, attach additional sheets	s. Identify with aircraft nationa	lity and registration mark and	date work completed.)
		N206FS	12-18-2011
	N	lationality and Registration M	
	STC INSTAL	LATION	
nstalled Right Hand Skylight Wind H1664SO and installation instructi	ow in accordance with ion report number AA	n Aeronautical Access -90021, Revision E, da	ories, Inc. STC ated April 2, 1998.
ctual weight and balance complied			-
	END		
			· · ·

FAA Form 337 (10-06)

Hanted Scares of America

Department of Transportation —federal Aviation Administration

Supplemental Type Certificate

Number

SH1664SO

This certificate, issued to

Aeronautical Accessories, Inc. P.O. Box 3689 Bristol, Tenne-1826 37625

cortifies that the change in the type design for the following product with the limitations und conditions therefor as specified hereon meets the sinor the requirements of Part 6 of the Civil Air

Regulations.

Original Product - Type Certificator Number B25W Make: Bell Madel: 206A, 206B, 206L, 206L-1, 206L-3, 206L-4

Description of Type Design Change: Installation of replacement windows and windshields in accordance with Aeronautical Accessories, Inc. Report No. KR-362, Drawing List Replacement Windshield and Window Installation dated August 23, 1984, or later FAA approved revision.

Limitations and benditions: 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 of the fuselage.

This cortificate and the supporting data which is the basis for approval shall remain in effect until sur-

rendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the

Federal Iviation Id	ministration.	
Date of application :	May 9, 1984	Dute ressued:
Late of issuance .	August 29, 1984	Due Aprection of the Softministrator
TO HINIS	TRAIL .	Paul C. Sconsgame, Acting 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.

FAA FORM 8110-2110-081

This certificate may be transferred in accordance with FAR 21.47



Aeronautical Accessories, Inc P.O. BOX 3689 BRISTOL, TENNESSEE 37625-3689 U.S.A. TELEPHONE: 423-538-5151 800-251-7094 TELEFAX: 423-538-8469 E-MAIL: sales@aero-access.com

TO:Petroleum Helicopters, Inc.ATTN:Lee PrejeanDATE:January 31, 2007REF:Authorization Letter

Aeronautical Accessories, Inc. authorizes your company to install all of our "STC" products on your "fleet of aircraft".

Our "STC" products are listed in our product catalog.

Regards, James Rumley Marketing/Sales Mgr.

US Department of Transportation Federal Aviatio Administration	n (Airfr a	MAJOR REPA ame, Powerpla						ON	n Approved IB No. 2120- For FAA e Identification	Use Only	
and disposition	n of this form. This	all entries. See FAR form is required by la 901 Federal Aviation	aw (49	U.S.C.	. 1421). Failure to	AC 43.9-1 report car	or subsequ	ient re ivil pe	evision thereo nalty not to e	of) for instru exceed \$1,0	uctions 200
	Make	Helicopters				Model	206L-3				
1. Aircraft	Serial No. 5150	6	•			Nationality	and Registr	ation	Mark		
2. Owner		n on registration certif easing Corporatio				Address (/	1211 Ave o	of the	tration certific e Americas 10036-8701	FI 21	
				3. Fo	r FAA Use Only						
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	l	······	<u> </u>	4. Un	it Identification		T			5. Type	-
Unit	· · ·	Make			Model			Seria	No.	Repair	Alteration
AIRFRAME		****	(As d	lescril	bed in item 1 ab	ove) 🟎	****			×	
POWERPLANT				÷							
PROPELLER				4. 							
	Туре		•	<u> </u>	an marite de la const enciente de la constenciente de la constenc						
APPLIANCE	Manufacturer										
[6.	Confo	rmity Statement	······································	<u> </u>				
	me and Address	· · · · · · · · · · · · · · · · · · ·		B. K	ind of Agency				C. Certificat	e No.	
Petroleum He P.o. Box 908	elicopters, Inc. 08				U.S. Certificated Me Foreign Certificated		········		CRS NO. Airframe		
Lafayette, LA				x	Certificated Repair				& Acces	sories Lt	d.
<u></u>	· · · · · · · · · · · · · · · · · · ·				Manufacturer				Radio Cl		
have been n	nade in accordanc	alteration made to the e with the requiremer rrect to the best of m	nts of P	art 43	of the U.S. Feder	ve and de: al Aviation	scribed on the Regulations	and 1	erse or attach hat the inforr	ments here nation	eto
Date	-19-20	000		Sign	ature of Arthonize	a Individua	epile.		BIEM	/ENU	
					Return to Service			{			
Pursuant to the Administrator of	authority given per the Federal Aviati	rsons specified below on Administration and	/, the ui d is	nit ider	ntified in item 4 wa	inspecte	ed in the mar REJECTE		rescribed by	the	
FAA F Inspe	Fit. Standards ctor	Manufacturer		Inspe	ection Authorizatio	n	Other (Spec	cify)			
	Designee X	Repair Station		Perso Cana	on Approved by Tr dian Airworthings	ánsport s Group/		2	7 1		
Date of Approval $D \mathcal{E} - 19 - $	-	Certificate or Designation No. HEER617E			ature of Authorized		end	L	- OHEAN	/Fan :	

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

ST	RUCTURA	L REPAIF	RS	
Part Nomenclature:	Roof Beam	P/N:	206-033-210-101	
Field Repair:	N/A	ACFT. S/N:	51506	
Approval received for the by DER Gailey, Designation	nese repairs accordin	g to data approve	ecified in the manu d on FAA Form 8 2. S.O.C. serial nu	110-3
Approval received for th	nese repairs accordin	g to data approve 59, dated 05-12-92	d on FAA Form 8	ual. 110-3
Approval received for the by DER Gailey, Designation	nese repairs accordin ation Number SW-5	g to data approve 59, dated 05-12-92	d on FAA Form 8	ual. 110-3
Approval received for the by DER Gailey, Designation	nese repairs accordin ation Number SW-5	g to data approve 59, dated 05-12-92	d on FAA Form 8	ual. 110-3
Approval received for the by DER Gailey, Designation	nese repairs accordin ation Number SW-5	g to data approve 59, dated 05-12-92	d on FAA Form 8	ual. 110-3
Approval received for the by DER Gailey, Designation	nese repairs accordin ation Number SW-5	g to data approve 59, dated 05-12-92	d on FAA Form 8	ual. 110-3

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US Departi of Transpo Federal Av Administra	rtation /iation		IAJOR REPAIR AI ne, Powerplant, P					Form Ap OMB No 11/30/20	0. 2120-0020 007	Electronic Tracking Number For FAA Use Only
instructi	JCTIONS: Print ons and dispos plation. (49 U.S.	ition of this	s form. This report is re-	CFR quired	§43.9, Part 43 d by law (49 U.9	Appendix B, ar S.C. §44701). Fa	nd A0 iilure	C 43.9- to repo	1 (or sub ort can res	sequent revision thereof) for sult in a civil penalty for each
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	I, Inc.				<u></u>	ated Mechanic			Man	ufacturer
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-	fayette 509-0808 ^{cor}	untry USA	State LA	- 1		Repair Station	izatio	n		HEER617E
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Extended per 14 CF App. B	range fuel R Part 43		Signature/Date of Auth			Ten	reU	K. 1	MelAn	10-17-2011
		e			roval for Return	to Service			,	(- 1 1 401)
				low,	the unit identif			inspect Rejecte		e manner prescribed by the
	FAA Flt. Stand Inspector	lards	Manufacturer		Maintenance O	rganization		Depar	tment of Tr	ed by Canadian ransport
BY	FAA Designee	x	Repair Station		Inspection Auth	orization	Othe	er (Spe	cify)	
Certificate Designatio		1	Signature/Date of Auth	norize	ed Individual	7.	ew	11 10	-Mel	Ancon
	HEER617E		Lend K.	M	lanc					10-117-2011

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

ption of Work Accomplished e space is required, attach addition	al sheets. Identify with aircraft na	tionality and registration mark and d	ate work completed.)
		N206FS	10-17-2011
		Nationality and Registration Mar	k Date
	Structura	l Repair	
	Roof Bear	n Repair	
Part Nomenclature:	Beam Assembly	Part Number:	206-033-210-101
Repair Number:	11RL-103	Serial Number:	N/A

<u>Work Accomplished:</u> Blended chafed areas on L/H and R/H side of Roof Beam as required. Performed fluorescent penetrant inspection of areas. Applied shimming compound to blended areas and sanded smooth. Re installed rivets in accordance with Field Repair 11RL-103.

Structural repairs made according to the manufacturer's helicopters structural repair manual, except the size of these repairs exceeded the limits as specified in the manual.

Approval received for this repair according to data approved on Form AE-100-1.

By DER	M. Bouchard	Designation Number	CD 029
Dated	09-22-2011	S.O.C. Serial Number:	C2420

Actual Weight and Balance complied with.

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8.

BELL HELICOPTER TEXTRON

CANADA LTD.

CIVIL CERTIFICATION

DAO # 92-Q-01

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11RL-103

<u>S/N 51506</u>

<u>PHI, INC</u>

MODEL 206L-3

ROOF BEAM INSTL

PART NUMBER 206-033-210-101

NOTES: Refer to BHT-ALL-SRM, Sections 3 & 4 and to Appendix "A" respectively for process sheets and for standard repair materials.

Refer to BHT-ALL-SPM, Section 13 for Item C-xxx definitions.

All repair procedures to be carried out in accordance with BHT-ALL-SRM approved processes.

The Instructions for Continued Airworthiness (ICA) are not affected by this repair.

1.0 REOUIRED:

1.1	Chemical film m	aterial:	(Item C-	100)	
1.2	Epoxy polyamid	e primer:	(Item C-	204)	
1.3	Shimming comp	ound:	(Item C-	567)	
	Mix ratio: Pot life at 65° to Drill time at 65° Cure time at 65°	to 85°F:	100 parts A for 14.4 parts B by 1 hour A minimum hardness of Shore (Recommended minimum 4 ho A minimum hardness of Shore (Recommended minimum 6 ho	D 55 ours) D 75	
1.4	Fasteners:	MS20	615-5MP rivets, grip length to s	uit.	(Qty 2)
1.5	Cleaners:	Aceto Isopro	pyl Alcohol (Item C atic Naphtha (Item C	-316) -385) -305)	
1.6	Process Sheets:				(Down 2.2.2)

Removal of Paints and Primers on Metallic Parts (Para. 3-2-3) Chemical Film Application on Aluminum and Titanium Parts (Para. 3-2-14)

11RL-103

<u>S/N 51506</u>

2.0 PROCEDURE:

2.1 Gain access to damaged areas recording type, size and location of fasteners removed. See figure 1 and detail A.

2.2 Notes: Do not increase existing depth of damage. Ensure smooth transition all around reworked areas. Surface roughness of roof beam upper outboard flange shall be 63 microinches or better. Suggested method: lightly abrade roof beam upper outboard flange surface with 180 grit or finer abrasive paper. Blending to be performed by sanding in beam longitudinal (FWD-AFT) direction as shown in page 5.

2.3 Blend chafed areas of LHS & RHS roof beams upper outboard flanges smooth as shown in view B-B, view C-C and section D-D. Maintain a 20:1 length ratio along roof beam axis. Minimum material thickness to be as shown in detail E.

2.4 Note: Do not soak parts to be bonded with cleaner specified in 1.5. Use of a moistened rag is recommended.

Clean reworked areas for inspection.

2.5 Note: Care to be taken to prevent fluorescent penetrant fluid from flowing between roof beams and roof shell.

Fluorescent penetrant inspect reworked areas of LHS & RHS roof beams to ensure no damage remains and that surface is smooth per BHT-ALL-SPM manual, paragraphs 6-2 to 6-16. If any such damage exists, resubmit to PSE with additional information describing extent of damage.

2.6 Notes: Do not soak parts to be bonded with cleaner specified in 1.5. Use of a moistened rag is recommended. Ensure no fluorescent penetrant fluid remains.

Clean inspected areas to remove penetrant.

2.7 Note: Do not apply excessive amount of chemical film material.

Brush apply chemical film material specified in 1.1 to reworked areas of LHS & RHS roof beams upper outboard flanges.

2.8 Prime all bare metal surfaces using material specified in 1.1. Allow to dry.

<u>11RL-103</u>

<u>S/N 51506</u>

2.0 PROCEDURE: (CONT'D)

- 2.9 Lightly abrade primer to remove gloss.
- 2.10 Note: Do not soak parts to be bonded with cleaner specified in 1.5. Use of a moistened rag is recommended.

Clean reworked areas.

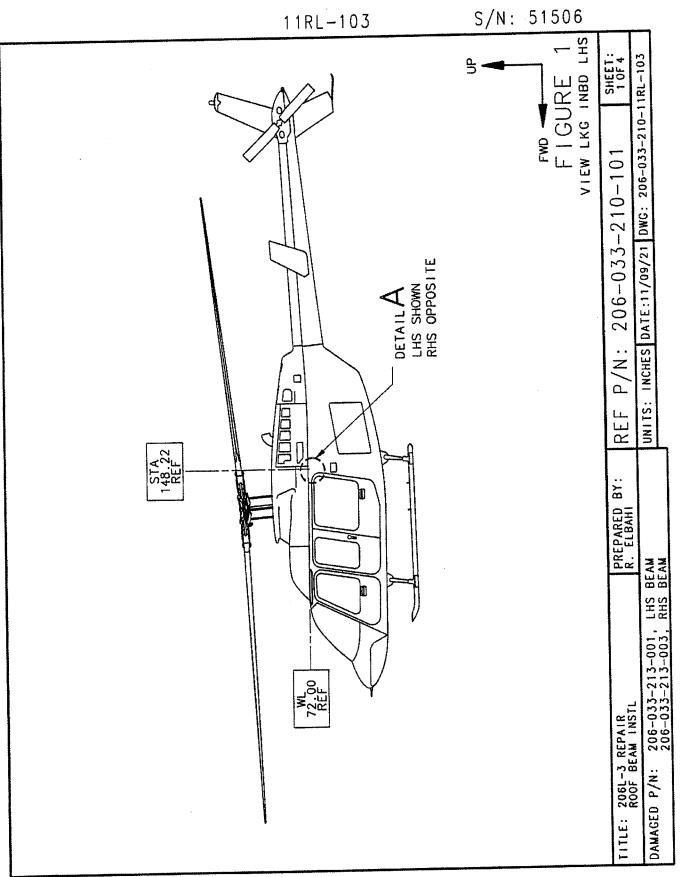
- 2.11 Note: There shall be no substitute for shimming compound specified in 1.3. Refer to step 1.3 for shimming compound preparation and curing data.
 Prepare shimming compound specified in 1.3.
 2.12 Apply shimming compound specified in 1.3 to faying surface of reworked areas. See detail A.
- 2.13 Allow to cure at room temperature for 6 hours.
- 2.14 Sand shimming compound smooth to surface of LHS & RHS roof beams upper outboard flanges.
- 2.15 Note: Do not soak parts to be bonded with cleaner specified in 1.5. Use of a moistened rag is recommended.

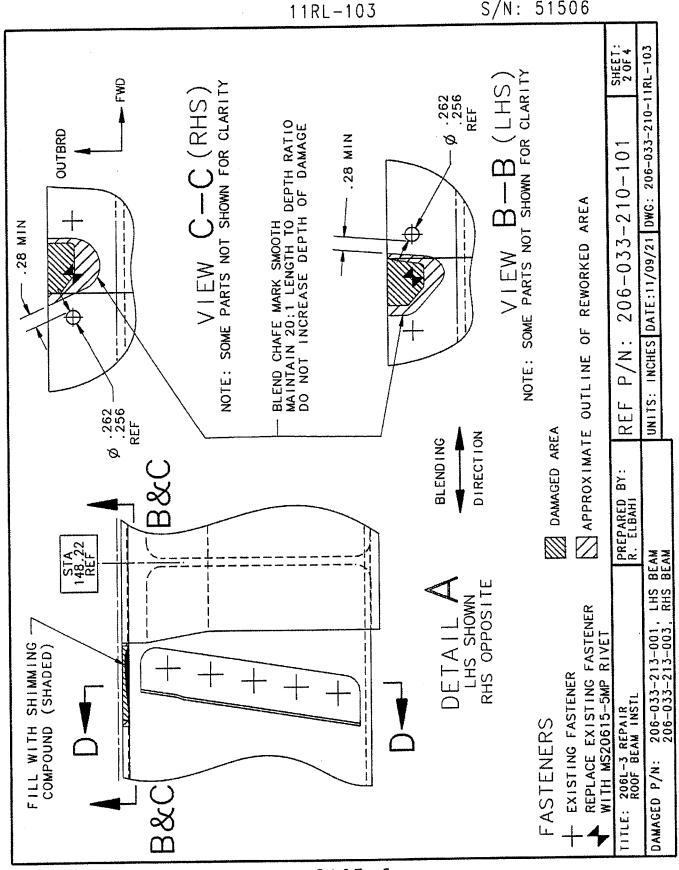
Clean reworked areas.

- 2.16 Inspect cured shimming compound for discrepancies, pinhole, porosity and voids less than 0.15 inch diameter and at least one inch apart are acceptable as is.
- 2.17 If required, touch-up primer. Allow to dry.
- 2.18 Note: Install rivets wet with sealant.

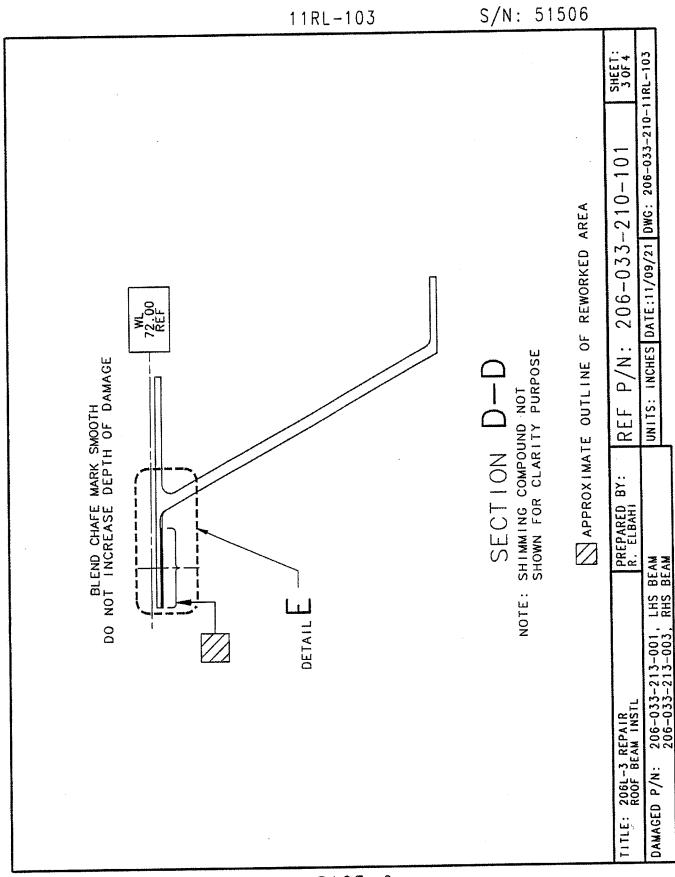
Replace (qty 2) existing rivets in chafed areas with fasteners specified in 1.4 and as shown in view B-B and view C-C, grip length to suit.

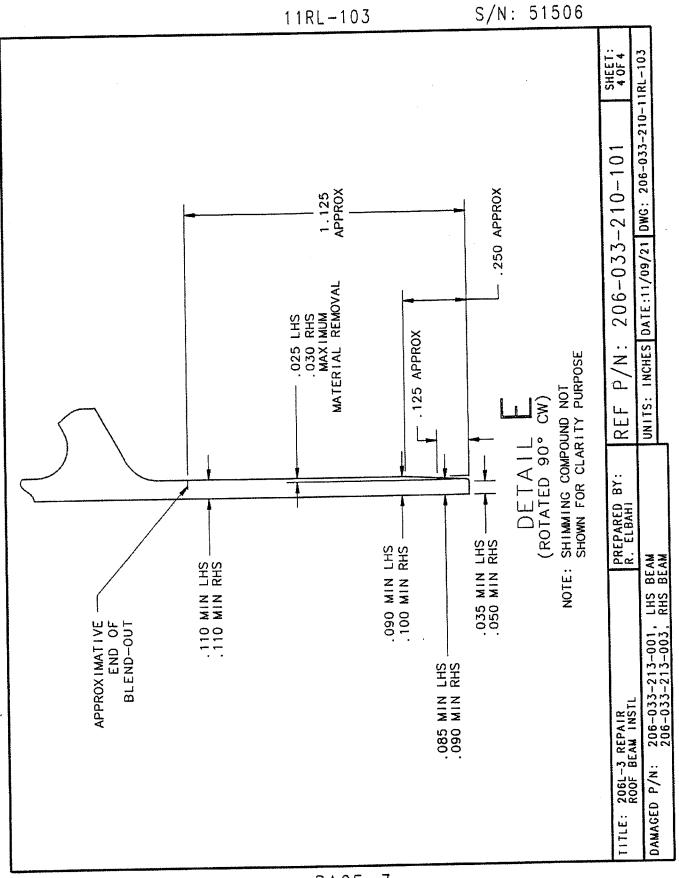
- 2.19 Prime all bare metal surfaces using material specified in 1.2. Allow to dry.
- 2.20 Ensure means are taken to prevent further chafing.
- 2.21 Re-finish as required.





51506 S/N:





Hurst, Ken

From:	Hurst, Ken
Sent:	Tuesday, September 20, 2011 3:10 PM
To: Subject:	'pselight' 206L3 \$/N 51506 DAMAGE (CHAFED AREAS) RHS AND LHS OF UPPER ROOF BEAM CAPS P/N 206-033-210-125 (REF PHI-206L-DA-0208) REQUESTING APPROVED REPAIR PROCEDURE

Attachments: PHI-206L-DA-0208_IR.PDF; image001.jpg

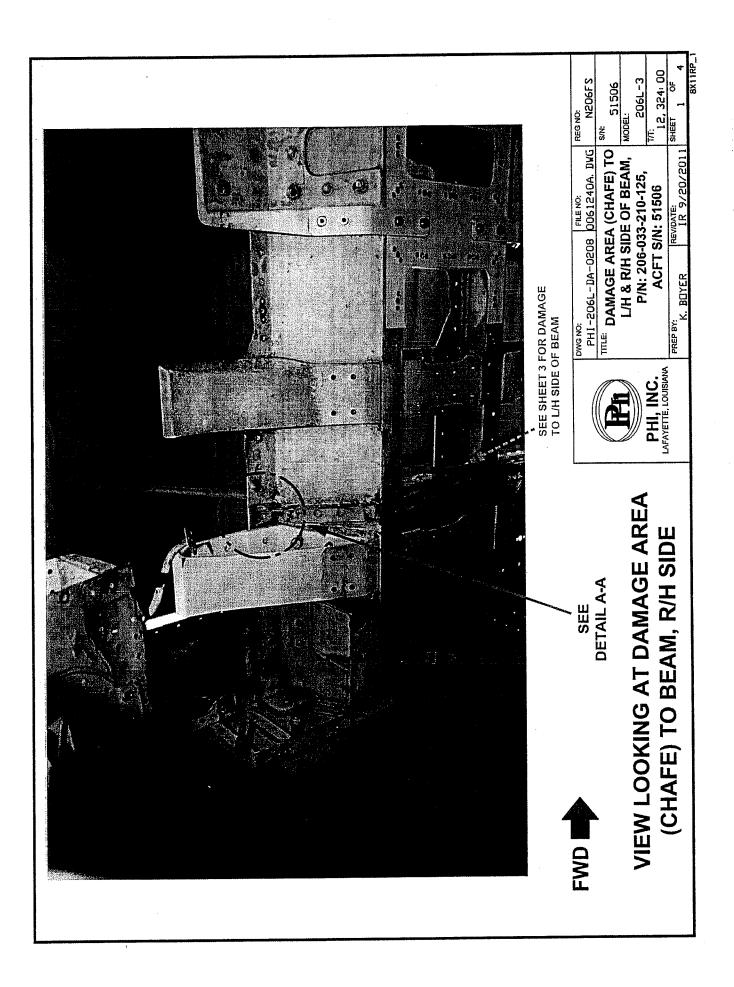
Structural Repair Request Form

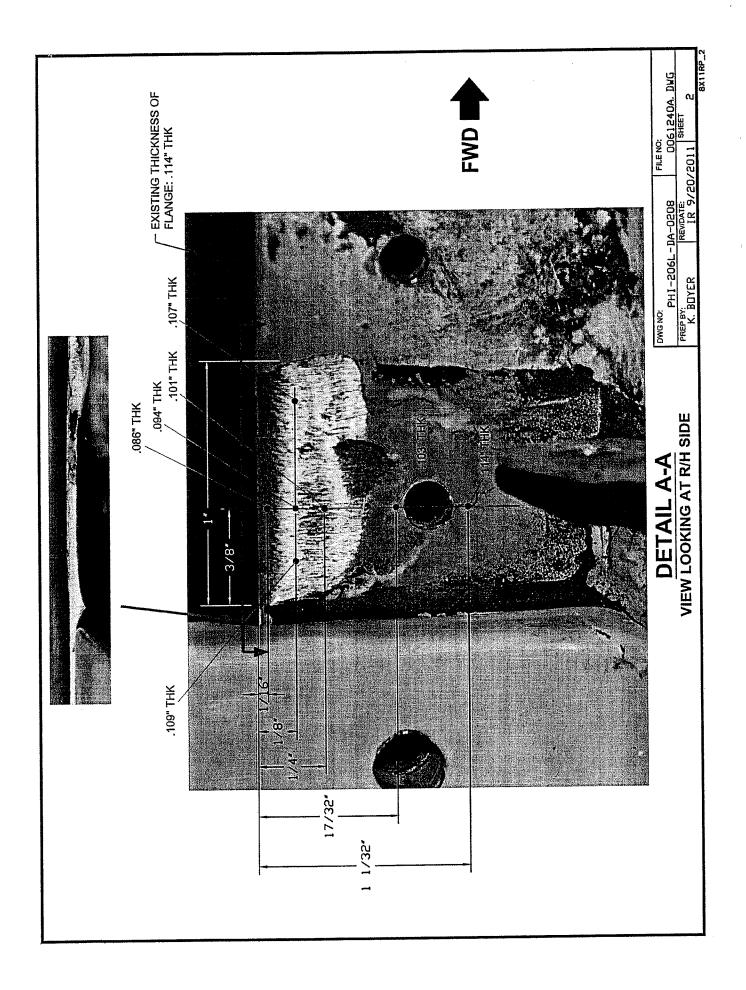
Date: 9/20/2011	Number of pages (including this one): 5
Send to: (817) 280-2635 [for model 214 (all variants)]
Self Helicopter A Textrem Commenter (450) 433-0272 [for all other commercial models]
Sender: Ken Hurst	Tel: <u>(337) 272-4593</u>
	Fax: <u>(337) 272-4575</u>
Company: <u>PHI, Inc.</u> Email address: <u>khurst@phihelico.co</u>	X Owner and/or Operator m Repair Facility
Dear PSE, please provide us with an Thanks. <u>KH</u> (your initials)	approved repair for the damage described below.
	Aircraft Information
Model: 206L3	Serial Number: 51506
Flight Time: 12,324:00	Registration: N206FS X Work Stoppage AOG
Status: Routine	
	Damage Description
Part Number: 206-033-210-125	Serial Number:
Tailboom Part Number (if applicable) Tailboom Serial Number (if applicable)	
Description: (attach a sketch)	<i>c).</i>
	L-DA-0208) shows damage (chafed areas) on both right and
left hand roof beam upper caps.	
Work stoppage in this area.	
Thanks,	
Ken Hurst	
PHI, Inc.	
Engineering Department	

This form may also be scanned and email with the sketch and/or other attachments to the appropriate electronic address below for action.

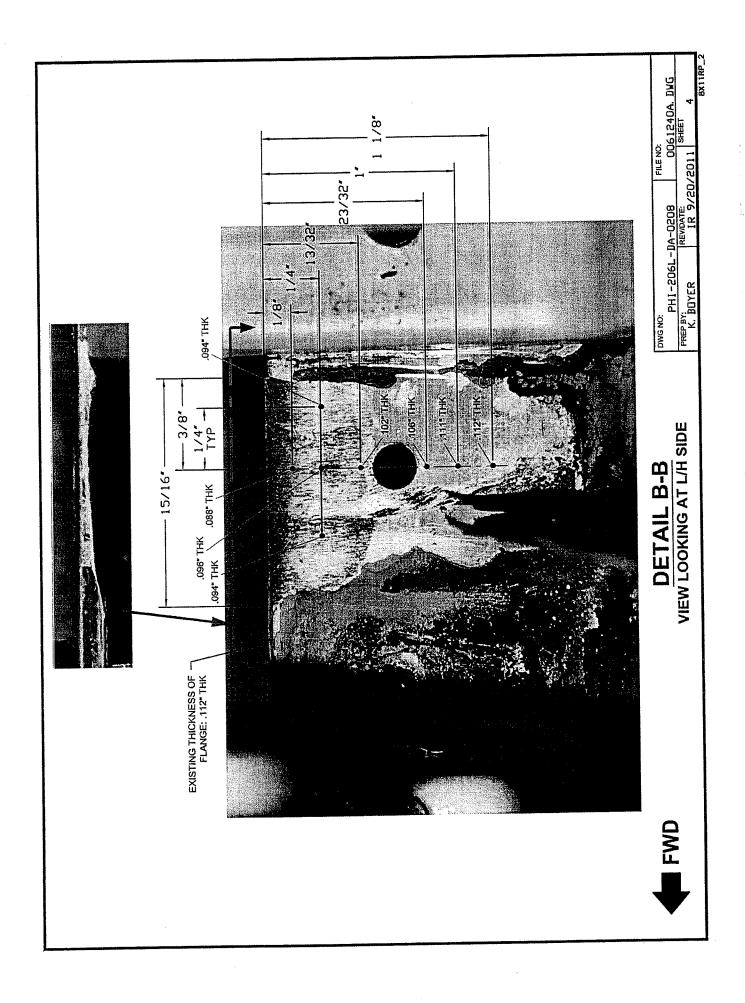
pselight@bellhelicopter.textron.com for 47, 206, and 407 (all variants) psemedium@bellhelicopter.textron.com for 204, 205, 212, 412 (all variants) pseinter@bellhelicopter.textron.com for 222, 230, 427, 430 (all variants) psemil214@bellhelicopter.textron.com for 214 (all variants)

Ref: IL GEN-04-96









0		MAJOR	REPAIR AN	D A	LTE	RATIO	DN	Form Appro OMB No. 2120-0020 2/28/2011	oved	Electronic Tracking Number
US Department of Transportation Federal Aviation Administrati	n (A	irframe, Po	werplant, Pro	ope	ller,	or Ap	pliance)			For FAA Use Only
INSTRUC	CTIONS: Prir ctions and d	lisposition of th								r subsequent revision thereof) to report can result in a civil
		y and Registration	Mark				Serial No.			
1. Aircraf		N206FS					5150 Model)6		Series
		Bell					206			L-3
	-	s shown on registra	ation certificate)				Address (As sh Address 2			
2. Owner	I	PHI, Inc.					City I	afayett	e	ngeline Thruway
								70508-21	56:00	untry <u>USA</u>
		A.1.20		3.	For I	FAA Use	Only			
4.	Туре						nit Identificatio			
Repair	Alteration	Unit		Make				odel		Serial No.
Repair		AIRFRAME		wake	3					Serial No.
							(As described in Item 1 abov			
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		PROPELLER								
		APPLIANCE	Туре							
			Manufacture	er						
						rmity Sta				L
A. Agency Name	s Name and BELL HEL	Address	TRON, INC.	B. K		of Agenc Certifica	/ ted Mechanic			Manufacturer
Address	301 W. PC	ONT DES MOUT	ON ROAD		Fore	eign Certi	ficated Mechanic			Certificate No.
City Zip	LAFAYET 70507		ate LA S.A.	X			air Station itenance Organiz	ation		S B1H2300N Limited Airframe nited Specialized Services
D. I certi have l	fy that the rep been made ir	pair and/or altera	tion made to the u	ofP	ident art 43	ified in ite 3 of the U	em 5 above and c	lescribed or	the re	everse or attachments hereto d that the information
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

	NOCES	12-05-2011
	N206FS Nationality and Registration Mark	Date
	reationality and Registration Mark	Balo
NOMENCLATURE: ROOF		
ORIGINAL PART NUMBER: 206-033-201-275		
SERIAL NUMBER: BP0000164		,
WORK ORDER NUMBER: W171748AA		
WORK URDER NUMBER: WITTT40AA		
OVERHAULED PANEL MENTIONED ABOVE IN		
TEXTRON, INC. FAA APPROVED OVERHAUI	L PROCEDURE NUMBER	PHI-450-OP-049
DATED 4/19/99.		
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US Department		MAJOR REPA							. 2120-0020	
of Transportatio	n (Airfr	ame, Powerpla	ant, F	Prop	beller, or Ap	opliance)			For FAA Use (Intification	Uniy
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and disposi	tion of this form. T	e all entries. See FAI his report is require on 901 Federal Avia	d by lav	n (49	U.S.C. 1421), F	and AC 43.9- ailu r e to repo	1 (or subseque ort can result i	ent revision n a civil pen	thereof) for in alty not to exc	nstructions ceed \$1,000
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		n on registration ce		•		Address (A	s shown on r	gistration	certificate)	<u> </u>
2. Owner	Ba	nc One Texas I	easir	ıg C	borp.		2400 C	orporate	Exchange	Drive
							Columb	us, OH	43231	
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P.O. Box				x	Foreign Certific		;	Accessor	ries Limited - Ra	dio Class
Lafayette,	LA 70509				Manufacturer			1, 2, and	13 - CRS No. H	EER617E
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BY FAA	Flt. Standards ector	Manufacturer		Insp	ection Authoriza	ition	Other (Specify)		
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FAA Form 337 (12-88)

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed rubber seal mounted crew door windows according to Aeronautical Accessories, Inc., STC SH5773SW.

US Depa of Transp Federal A Administ	ortation Aviation tration	(Airframe	JOR REPAIR AN , Powerplant, Pr	oF	beller, or A	ppliance		OMB N 11/30/2		Electronic Tracking Number For FAA Use Only
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	Repa	ir of Seat Fr	ame	
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Repair Number:	PHI-050	-SS-0001	Serial Number:	N/A
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Additional Sheets Are Attached

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E M	AIRCR/	TYPE (Alcolane, Red)o, H		PLICANT	
Helicopter	206L-1,L-3, L-4, &	•re.) Helicopter		PHI, Inc.	
Textron	407	LIST OF DAT	ТА		
IDENTIFICATION	N		TITLE		
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-050-SS-0001, 03-02-07		cification for Damaged S Attached procedure is 1		on Bell Model 2	06/407
-050-SA-0001, 03-02-07	Rev. Structural Ana	alysis for Process Speci	fication PHI-050-SS-0	001	
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Additional Sheets Are Attached

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Textron	407	LIST OF DAT	ТА		
IDENTIFICATION	N		TITLE		
Document Nun	nber:				
-050-SS-0001, 03-02-07		cification for Damaged S Attached procedure is 1		on Bell Model 2	06/407
-050-SA-0001, 03-02-07	Rev. Structural Ana	alysis for Process Speci	fication PHI-050-SS-0	001	
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U.S. Department M						AJOR REPAIR AND ALTERATION							Form Approved Electronic Tracking Number OMB No. 2120-0020 11/30/2007 For FAA Use Only				
O F							Powerplant, Propeller, or Appliance)						F0	r FAA USO UNIY			
in	struct	ions a	DNS: Print and disposi n. (49 U.S.	ition of	this for	rm. Thi	ee Title 14 C is report is re	CFR 4 equire	I3 Se d by	c.43.9, Part law (49 U.S	43 Appendix B, an C. Sec. 44701). Fa	d AC 43.9-1 (or ailure to report of	subseq san resul	uent revision thereof) for It in a civil penalty for each			
			Nationa	ality an	d Regis	stration	Mark			<u></u>	Serial No.			· · · · · · · · · · · · · · · · · · ·			
1.	Aircr	aft		•	N2,		<u>F\$</u>		5			5150	1506				
			Make	BELL '						Model 206 L- 3				Series			
			Name	(As sh	own on	n regist	ration certific	cate)			Address (As	•					
2. (Owne	ər	f	PHI INC					Address <u>JOCI SE EVA</u> City <u>LAPAYZATZ</u> Zip <u>70503-2156</u> Country					<u>State</u> <u>LA</u>			
									3. F	or FAA Use	e Only						
		·								:							
	4. Type 5. Unit Identification																
F	Repair Alteration Unit Make					lake			Мос	lel		Serial No.					
							~~	~~~	(As described i	n ltem 1 above)	~~~~~~					
						olls Royce			25	50 <i>C30</i>		4E-890175 AC = 91056					
	PROPELLER										<u></u>						
APPLIANCE Manufacturer																	
		. 1. 51						6	*****	nformity St							
A. Agency's Name and Address Name H-S Tool & Parts Inc.									В. К	3. Kind of Agency U.S.Certificated Mechanic			М	anufacturer			
Addr	ess	#140-)-2560 Simpson Road							**************************************	ertificated Mecha	nic	C. Certificate No.				
City Zip		Richr V6X 2		State BC Country Canada					X		d Repair Station			39-87			
D. I ۲	nave	been i	made in a	ir and/ ccorda	or alter	ration i ith the	requiremer	nts of	Part	entified in it 43 of the U	d Maintenance O em 5 above and c .S. Federal Aviati	escribed on th	e revers and the	se or attachments hereto at the information			
per	furnished herein is true and correct to the best of my know Extended range fuel Signature/Date of Author ber 14 CFR Part 43 C.Trsek App. B C.Trsek								_	\mathcal{L}^{-}	Son (K S)	2	5/Jan/2008			
		11. 11				ï					1 To Service	<u>з</u> а, а,					
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is X APPROVED C REJECTED																	
ΒY			A Flt. Standards pector			Manufacturer			Maintenance Organization				Persons Approved by Canadian Department of Transport				
		FAA	Designee	Designee Repa			Station	Insp	ection Auth	orization	Other (Speci	er (Specify)					
Certificate or Designation No. 39-87 C.Trsek						rized	Individual	Jon ("	(.8) 7	2	5/Jan/2008						
FΔ	A Ec	rm 33	37 (10-06)					$\overline{}$	Ì					· · · · · · · · · · · · · · · · · · ·			

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft	t nationality and registration mark	and date work completed.)									
	N206F5	Jan. 25, 2008									
	Nationality and Registration Mark	Date									
Description: Rolls Royce 250 Shroud Housing	Hadonany and Regionation many										
P/N 23056637, S/N MK16912											
	Do Bara 402 Bara K										
 Skimmed (High Spot) Forward Flange IAW 14W3 72-00-0 Plasma Sprayed Aft Flange IAW 14W3 72-30-00 Pg. 306 	& PRPL 1-2 Item 18.										
3. Final Machined Aft Flange IAW 14W3 72-00-00 Pg. 402 F	Para. 1A.										
 Applied Al Seal On Contour IAW 14W3 72-30-00 Page 305. NDT (FPI) IAW 14W3 72-00-00 Page 310 Item 2B. 											
6. Final Inspection.											
All Records of Work Performed Are On File Under Work Orde	er 51529.										
No Further Statements to Follow.											
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4 ¹ 4	ţî. î										
	Sheets Are Attached										
FAA Form 337 (10-06)		A									

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2. Owner	Name (As PHI,		registration certificate)	1		Address (<i>As shown on registration</i> Address 2001 SE Evangeline Thr _{City} Lafayette					certificate)		
3. For FAA Use Only													
		T											
4. Ty Repair		Linit		Mal	5. Unit Identification				el		Serial No.		
						(As described				bove)	, 		
									i d				
		POWERP	LANT										
		PROPELL	.ER	_									
APPLIANCE Manufacturer							komo ====						
A. Agency's I	Name and A	ddress		6		formity Stat ind of Agence							
Name PHI.	Inc.					U. S. Certific	ated Mechanic				nufacturer		
Address P. O.	Box 9080	8	State LA			Foreign Certificated Mechanic Certificated Repair Station				C. Certificate No.			
		untry USA			T	Certificated Maintenance Organization HEER617E						617E	
D. I certify have b furnish	/ that the rep een made in ed herein is	pair and/or a accordance true and co	alteration made to the e with the requirement rrect to the best of my	ts of knov	t(s) ide Part 4 wledge	entified in ite I3 of the U.S e.	em 5 above ar	nd desc	cribed c	on the rev and the	erse or attac at the informa	hments hereto	0
Extended range fuel per 14 CFR Part 43 App. B DJ Llyson D.L. Ellyson SEP 1 8 20										009			
Pursuant t Administrat	o the authorist of the Fee	ority given deral Aviatio	7/ persons specified be on Administration and i	elow		unit identif	n to Service fied in item 5 Approved		inspect Rejecte		e manner p	rescribed by	the
	AA Flt. Stand	dards	Manufacturer		Mair	<u></u>	ance Organization		Persons Approved by Canadian Department of Transport				
BY	spector AA Designee	e X	Repair Station		Inspection Auth		orization		er (Spe				
Certificate or Designation N	No. IEER617E	^	Signature/Date of Aut			ndividual		and the constant of	an a tai tai tai tai tai tai tai tai tai t	Second Second	Ot SI	EP 182	009
FAA Form	337 (10-06)			1	1								

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

	N206FS	SEP 1 8 7009
	Nationality and Registration Mark	Date
SKYLIGHTS S	TC INSTALLATION	
SKYLIGHTS S Installed a L/H skylight in accordance with A Installation instructions Report AA-90021, R	Aeronautical Accessories, Inc. STC SH166	54SO

Additional Sheets Are Attached

US Depariment of Transportatic Federal Aviatit Administration	on (Airfr on	MAJOR REPA ame, Powerpla					e)	OMB	pproved No. 2120-0020 For FAA Use dentification	Only
anddisposi	ition of this form. T	e all entries. See FAI his report is require on 901 Federal Avia	d by la	w (49	U.S.C. 1421) Fa	and AC 43 ailure to re	9.9-1 (or subsequ eport can result i	ient revision n a civil pe	on thereof) for i enalty not to exc	nstruction: ceed \$1,000
	Make Bell				······································	Model	206L-3			
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2. Owner		n on registration ce c One Texas Lea		•	rp.	Address	(As shown on r	orporate	Exchange	Drive
				3.	For FAA Use Or	niy				
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Unit	M	ake		4.	Unit Identification	on	Serial		5. Type	
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APPLIANCE	Type Manufacturer							-		
	L	I		6. Co	onformity Statem	nent		<u></u>		L
	ame and Address			В.	Kind of Agency			C. Ce	ertificate No.	· · · · · · · · · · · · · · · · · · ·
Petroleun P.O. Box	1 Helicopters,	Inc.			U.S. Certificated Foreign Certifica			- Airfra	me, Powerplant, a	nd
	, LA 70509			X				Acces	sories Limited - R	adio Class
D. I certify th have beer	nat the repair and/c n made in accorda	or alteration made to nce with the require correct to the best	ements	i of P	art 43 of the U S	14 above a 5. Federal	and described or Aviation Regula	the rever	nd 3 - CRS No. H se or attachmer that the inform	
Date	6-19-98				nature of Autho	Lev	vidual \sim			
Pursuant to 1	the authority give	n persons specified			al for Return To		was inspected	in the m		
	r of the Federal Av Flt. Standards	n persons specified iation Administratio	on and	[EJECTED		anner prescribe	d by the
BY Inspe		Manufacturer Repair Station			ection Authorization			-		
Date of Approva	al or Rejection	Certificate or Designation No. HEER617E		Can	ada Airworthines	s Group	idual			

FAA Form 337 (12-88)

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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed Aircraft Parts Corporation, starter generator in accordance with STC SH401NE.

12:11

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US Department of Transportation Federal Aviation	m -		MAJOR REPA ame, Powerpla						;)	I	proved b. 2120-0020 For FAA Use (entification	Dnly
and disposi	tion of this for	m. Tł	all entries. See FAR his report is required on 901 Federal Aviat	by lav	N (49	9 U.S	S.C. 1421), Fa	and AC 43 ailure to re	.9-1 (or subseque port can result in	ent revision a civil pen	thereof) for ir alty not to exc	eed \$1,000
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; POWERPLANT								.	······································		c.	
PROPELLER							- - -					· · · · ·
APPLIANCE	Type Manufacture	er				•						••
<u> </u>						4				<u>.</u>	·	
A. Agency's N	ame and Add	ress					ormity Staten and of Agency	ient		C. Cert	ificate No.	
Petroleur P.O. Box Lafayette	90808	ter 509		-	X	F	.S. Certificated preign Certifica ertificated Rep	ited Mecha		∆ ACC	AME, POWE ESSORIES CLASS 1,	LIMITED
D. I certify th have beer	at the repair an acc	nd/c	or alteration made to nce with the require	ments	of Pa) ide Part	43 of the U.S	4 above a . Federal	nd described on Aviation Regulat	the reverse	0. HEER61 or attachmentat the information	ts hereto
Date		and	correct to the best o				ige. ure of Autho	rized Indiv	vidual			
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BY FAA	Fit. Standards actor		Manufacturer				ion Authoriza		Other (Specify)	•		
FAA Date of Approva	Designee	x	Repair Station Certificate or		Cana	nada	Approved by Airworthines	s Group	idual			
	,		Designation No.		oign	ait				SCH	NEIDER	
10-7	7-91		HEER617E			1	See	12			neipen	

FAA Form 337 (12-88)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed starter sequence according to Petroleum Helicopters, Inc. Drawing Number 206-L-RI-511 4 each sheets, Drawing Number PHI 11647 2 each sheets, Drawing Number 10140 and Drawing Number 11200 sheet 2a of 2.

Checked switch installation to verify that it would not cause throttle to roll off the stop.

This installation approved for VFR flights only.

This modification is in accordance with data previously approved on FAA form dated October 21, 1986 for Bell Model 206L-3 N31821 S/N 51076 and approved for duplication on identical aircraft make, model and altered configuration when accomplished by the original modifier.

FND

Additional Sheets Are Attached

US.Departmen of Transportatio	it (Ai i		AJOR REPAI ne, Powerplar						OM		Use Only	
Federai Aviati Administration									Offic	e Identificati	on	
and disposition	on of this form.	This i	Il entries. See FAR form is required by la 01 Federal Aviation /	w (49	U.S.C	. 1421). Failure	and AC 43.9-1 to report can	(or subsection of the subsecti	quent civil (revision the penalty not to	reof) for ins o exceed \$	structions 1,000
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1. Aircraft	Serial No.	1506					Nationality a	and Registr	ation	Mark		
2. Owner	Name (As st	nown	on registration certifi asing Company,				Address (As	s shown on 211 AVE.	oft	tration certifi ne America 10036-870	as FL21	
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						Model			Seria	I NO.	Repair	Alteration
AIRFRAME	~	~~~	********	(As d	escri	oed in item 1 a	above) 👞		~~~	~~~		x
POWERPLAN	т					. <u></u> ,						
PROPELLER	-											
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P. O. Box 9		Inc.				U.S. Certificated Foreign Certificat				HEER61 Airframe	7E e, Powerp	plant
Lafayette, L	_A. 70509				x	Certificated Repa				& Acces	sories Lt lass 1,2,	d.
have been	made in accor	dance	alteration made to the with the requirement	nts of I	Part 4	3 of the U.S. Fre	above and de deral Aviation	scribed on Regulatio	the re	everse or atta d that the inf	achments h	nereto
furnished f	herein is true ar	nd co	rrect to the best of m	y knov	viedge		// *	-6			7	
Date	7-19-	\mathcal{A}	201		Sign	ature of Authori	zed Individua		/	Pacia Pacia	WENU	
	//			Appro	l val fo	Return to Serv	ice	man	01		WENU	
Pursuant to th Administrator	e authority give of the Federal /	en per Aviati	sons specified below on Administration an	v, the u			4 was inspect	ed in the m REJECTE		r prescribed	by the	-
	Fit. Standards ector		Manufacturer		Inspe	ction Authoriza	tion	Other (Spe	cify)			
	Designee	x	Repair Station		Perso Cana	n Approved by dian Ainworthin	Transport ss Group		\leq	\exists		
Date of Approva	al or Rejection		Certificate or Designation No. HEER617E	-I	Signa	ture of Authoriz	ed individual	X	\geq		<u></u>	. f

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

STC INSTALLATIONS

- 1. Installed Pop-Out chin bubble windows in accordance with STC-SH5850SW.
- 2. Installed Aeronautical Accessories, Inc. left folding maintenance step assembly according to STC-SH2243SO.
- 3. Installed Aeronautical Accessories, Inc. step handles in accordance with STC-SH1366SO.
- 4. Installed Aeronautical Accessories, Inc. air deflectors on crew and passenger door windows in accordance with STC-SR01582AT.
- 5. Installed Aeronautical Accessories, Inc. passenger door rubber mounted wedge windows in accordance with STC-SH5685SW.
- 6. Installed Aeronautical Accessories, Inc. litter door and fixed panel rubber mounted windows in accordance with STC-SH7608SW.
- 7. Installed Aeronautical Accessories, Inc. Battery Door in accordance with STC SR00044AT.
- 8. Weight and Balance amended

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US Department	(Airfrai	AJOR REPAIR ne, Powerplan					OMB N	proved lo. 2120-0 F or FAA I		
of Transportation Federal Aviation Administration						C	Office Id	entificatio	n	
and disposition	n of this form. This i	Il entries. See FAR 4 form is required by la 01 Federal Aviation A	w (49 U.S.C	C. 1421). Failure	nd AC 43.9- to report car	l (or subsequ n result in a ci	ient rev ivil pena	ision there alty not to	eof) for ins exceed \$1	tructions I,000
	Make Bell H	elicopters			Model	206L-3				
1. Aircraft	Serial No. 51506				-	and Registrat	tion Mai	rk		
2. Owner		on registration certific easing Company,			1	s shown on re 211 AVE. o lew York, N	of the /	America	ate) s FL21	
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Unit	M	lake		Model		S	erial No).	Repair	Alteration
AIRFRAME	~~~		(As descri	ibed in item 1 a	above) 🛲			~	x	
POWERPLANT										
PROPELLER										
APPLIANCE	Type Manufacturer									
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		rsons specified below	w, the unit ic		4 was inspec			rescribed	by the	
	of the Federal Aviat	ion Administration an Manufacturer			<u>L</u> _	REJECTED				
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more spece is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

STRUCTURAL REPAIR PASSENGER SEAT BACK

PART NOMENCLATURE :Panel AssemblyPART NUMBER :206-032-118-141S/N:N/A

STRUCTURAL REPAIRS WERE MADE TO AFT PASSENGER SEAT BACK PANEL AT STATION 142.75 IN ACCORDANCE WITH FIELD REPAIR 00RL-133. STRUCTURAL REPAIRS MADE ACCORDING TO THE MANUFACTURER'S HELICOPTERS STRUCTURAL REPAIR MANUAL, EXCEPT THE SIZE OF SOME REPAIRS EXCEEDED THE LIMITS AS SPECIFIED IN THE MANUAL.

APPROVAL RECEIVED FOR THESE REPAIRS ACCORDING TO DATA APPROVED ON DOT FORM AE-100-1 BY DER - <u>A. GENDRON</u> DESIGNATION NUMBER-<u>DE-022</u>, DATED <u>JUNE 19, 2000</u>, SERIAL NUMBER-<u>A9906</u>.

ROOF BEAM INSTALLATION

PART NOMENCLATURE :ROOF BEAMPART NUMBER :206-033-210-101S/N:N/A

STRUCTURAL REPAIRS WERE MADE TO FORWARD END, L/H SIDE OF BOX BEAM AT STATION 85.00 IN ACCORDANCE WITH FIELD REPAIR 00RL-136. STRUCTURAL REPAIRS MADE ACCORDING TO THE MANUFACTURER'S HELICOPTERS STRUCTURAL REPAIR MANUAL, EXCEPT THE SIZE OF SOME REPAIRS EXCEEDED THE LIMITS AS SPECIFIED IN THE MANUAL.

APPROVAL RECEIVED FOR THESE REPAIRS ACCORDING TO DATA APPROVED ON DOT FORM AE-100-1 BY DER - <u>A. GENDRON</u> DESIGNATION NUMBER-<u>DE-022</u>, DATED <u>JUNE 19, 2000</u>, SERIAL NUMBER-<u>A9905</u>.

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	C Additional Shoots Am Attached

Address Zasa Christian State MS Certificated Mechanic C. Certificate No. Sty Pass Christian State MS Certificated Mechanic C. Certificate No. Sty 39571 country USA Certificated Repair Station A&P3367832 D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. Extended range fuel we refuel the reference of the unit of the the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administration and is Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administration and is FAA Fit. Standards Manufacturer Maintenance Organization Persons Approved by Canadian						_		_			_		H. 0100 000		
All Transe, Powerplant, Propeller, or Appliance) Provide data INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent reaction thereof) for instructions and disposition of this form. The report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each value data. Nationality and Registration Mark. Seriels No. Nationality and Registration certificate) Model Name (As shown on registration certificate) Address (As shown on registration certificate) Name (As shown on registration certificate) Address (As shown on registration certificate) Name (As shown on registration certificate) Address (As shown on registration certificate) Name (As shown on registration certificate) Address (As shown on registration certificate) Name (As shown on registration certificate) Address (As shown on registration certificate) . Ower PHI, INC. Mate Model Serial No. . Type 6. Unit Identification Courty USA Serial No. . Appendy: Name and Address B. Kind of Agency Manufacture . POWERPLANT . . Serial No. . Approve Name and Address B. Kind of Agency Manufacture . POWERPLANT . . .							_							Electronic Tracking	Number
Animistration Animistration INSTRUCTORS: Finit or type at entities. See Tale 14 CPR §43.6, Part 43 Appendix B, end A 43.9-1 (or subsequent revision thereof), for instructions and deposition of this form. This report is required by law (49 U.S.C. \$44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. \$44701). Failure to report can result in a civil penalty for each is circle violation. (49 U.S.C. \$44701). Failure to report can result in a civil penalty for each Mater. (40 U.S.C. \$45001). (40 U.S.C. \$44701). Failure to report can result in a civil penalty for each Mater. (40 U.S.C. \$45001). (40 U.S.C. \$44701). Failure to report can result in a civil penalty for each Mater. (40 U.S.C. \$45001). (40 U.S.C. \$45001). (40 U.S.C. \$44701). Failure to report can result in a civil penalty for each Mater. (48 chown on registration cartificate) Mater. (48 chown on registra	of Transporta	lion	(Airfr											For FAA Use Only	·
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. Extended range fuel per 14 CFR Part 43 Signature/Date of Authorized Individual Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administration and is Pursuant to the Federal Aviation Administration and is Image: California function and is Y FAA Fit. Standards Manufacturer		_			_State									A 9 D226 7020	
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FAA Form 337 (10/06)

ight and balance or operating limitation changes shall be en	ntered in the appropriate aircraft record	An alteration must be
npatible with all previous alterations to assure continued con	formity with the applicable airworthines	ss requirements.
cription of Work Accomplished		
nore space is required, attach additional sheets. Identify with aircr	aft nationality and registration mark and da	te work completed.)
	N230PH	08/11/2015
	Nationality and Registration Mark	Date
X		
STC Installation Tail Rotor Blade		
Installed Van Horn Tail Rotor Blades in accord STC Number SR02249LA Master Document Li 19-2011 and Instructions for Continued Airwort 307, Revision H 10-09-2013	st (MDL) 206MDL-001, Revision G,	07-
FAA approved Rotorcraft Flight Manual Supple Revision 2, 07-02-2012 is apart of this installation Manual.	ment, Document No.206L3-FMS-903 on and is installed in the Rotorcraft Fl	ight
Weight and Balance Negligible		
END		

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Additional Sheets Are Attached

				<u>an an a</u>						Form A			
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	Department ansportatio	n (Ai	rfra	ime, Powerpla	int, P	rop	eller, or Ap	pliance)		Office		or FAA Use O tification	iniy
	eral Aviation												
and	d disposi	tion of this form	i. Th	all entries. See FAF is report is required n 901 Federal Avia	i by law	(49)	U.S.C. 1421). Fa	and AC 43.9 Addression to rep	-1 (or subseque ort can result in	nt revis a civil p	ion t penal	hereof) for in Ity not to exce	structions eed \$1,000
		Make Be	11				<u> </u>	Model	206L-	3			· .
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			506						<u>N206F</u>	S			
		Name (As sh	iown	on registration ce	rtificate	り		Address (As shown on re	gistrati	ion c	ertificate)	
2. 0	wner	Banc O	ne	Texas Lea	sing	C	orp.	2400 Colu	Corpora mbus, OH	te E 43	Exc 23	hange D 1	rive
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	Unit		Ма	ake	-		Model		Serial N	lo.		Repair	Alteration
AIRFF	RAME	~	••••	•••••••••••••••••••••••••••••••••••••••	As desc	cribe	d in Item 1 abo	ve)		•			X .
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Pe	trole	eum Heli	cor	oters, Inc	•		Foreign Certific	ated Mechan	ic	Acce	esso:	ries Limited	d
		ox 90808 tte, LA	70	0509		X	Certificated Re	pair Station				lass 1, 2, 8 HEER617E	x 3
D.	I certify f	that the repair a en made in acc	nd/c orda	or alteration made to nce with the requir	ements	of P	Part 43 of the U.			the rev	erse	orattachmer	
	turnishe	d herein is true	and	correct to the best	ofmy								
Date		10-9-	-92	2		Sig	nature of Autho		5. Ma	una	n		
					7. An	prov	al for Return To						
				n persons specifie viation Administrati	d belov	v, th		d in item 4	was inspected JECTED	in the	man	ner prescribe	ed by the
BY	1 1	A FIt. Standards pector		Manufacturer		Insp	pection Authoriz	ation	Other (Specify)			
BY	FA/	A Designee	X	Repair Station			son Approved by ada Airworthine						
Date	of Appro	val or Rejection)	Certificate or Designation No.		Sig	nature of Autho						
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

TAILBOOM MOUNTED ANTENNA

Installed antenna mount at station __________ on lower tailboom skin. Antenna mount base reinforced with 2024T3.040 aluminum using MS20470AD-4 rivets. Reinforcing plates are protected from corrosion and do not interfere with required inspections. See PHI Drawing Number 206L-3-RI-513. This antenna mount is a multiple use installation to accommodate antenna systems for VHF and FM's.

Wiring was installed in a suitable manner for protection against fuel, oil, water, and other detrimental substances and abrasion damage, also supported by insulated clamps to prevent chafing according to AC 43.13-1A and AC 43.13-2A.

Weight and balance computed.

No compass correction is necessary.

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US Department of Transportation Federal Aviation	on			OR REPAIR AN Powerplant, Pr									For FAA Use Only
Administration	n		_ 11 _ /			<u> </u>	100 D 1 10	A			40.5	4 /	
instructions	s and dispos ion. (49 U.S.	ition of th .C. §4630	is form 1(a))	. This report is req				5.C. §447	01). Fa				sequent revision thereof) for sult in a civil penalty for each
	Nationalit N206		gistratio	n Mark				Serial 5	No. 1506				
1. Aircraft	Make							Model				3	Series
	Bell		a na mia						206				L-3
	Name (A		n regisi	tration certificate)				Address	2001	SE E		eline Thru	certíficate) Iway
2. Owner	Г I II,	me.							Lafaye 70508		3		State <u>LA</u>
				и. 1		3.1	For FAA Use		10000	-210		Count	
4. Ту	ре			1		5.	Unit Identific:	ation					
Repair	Alteration	Ur	nit	N	Иa	ke				Mod	el		Serial No.
	\mathbf{V}	AIRFRA	ME					(As d	escribe	ed in It	em 1 a	above)	
		POWER	PLANT										
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				Туре									
		APPLIA	NCE	Manufacturer									
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A. Agency's N Name PHI,		ddress				В.	Kind of Agend		anic			Man	ufacturer
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

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				N206FS	1-12-1R
				Nationality and Registration Marl	
		TECHNIS	SONIC TFM-5	550 FM TRANSCEIVER	
Ins ST	stallation and	Operation Ma Y. A minor v	anual 99RE262 viring deviation	ceiver in accordance with Rev. A. This document is was done in accordance v	approved under
Co	ompass tested	and corrected	l as required.		
W	eight and bala	nce amended	as required.		
			E	ND	
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Technisonic Industries Limited

240 Traders Blvd. E Mississauga, ON L4Z1W7 CANADA 905-890-2113 Fax: 905-568-8817 web site: www.til.ca Email: info@til.ca

January 12, 2012

Permission Letter for STC Number SR000811NY

This letter of Permission is provided to authorize the installation of the following Technisonic equipment:

1.TFM-550, VHF/VHF Lo/UHF/FM Transceiver

by Equipment Installer/Operator:

PHI, Inc. 2001 SE Evangeline Thruway Lafayette, LA 70508-2156 Aaron W. Begnaud, QA Inspector T: 337-272-4382 E: abegnaud@phihelico.com

into the aircraft identified below:

Item 1 installed into aircraft N230PH, Model Bell 206L-3, aircraft serial number 51506.

The above referenced Supplementary Type Certificates (STC's) provide information on the applicable Manufacturing Data, Installation Data and Maintenance Data for the above equipment.

It is the responsibility of the Installer to verify that the equipment can be installed into the above aircraft as provided for in the STC approval. Any incompatibility with other equipment or the applicable aircraft configurations will require a separate engineering assessment and approval as required by the local Airworthiness Authority.

Technisonic Industries should be contacted for guidance if any difficulties are experienced to install the STC in accordance with the Installation Instructions.

Technisonic Industries should be advised by the Installer, Owner or Operator of any service difficulties experienced with the equipment.

Yours truly

<u>52:</u>\

Robert Riel Vice President, Operations Technisonic Ind Ltd

United States of America

Bepartment of Transportation - Federal Abiation Administration

Supplemental Type Certificate IMPORT

Number SR00811NY

This certificate issued to

Technisonic Industries Limited 250 Watline Avenue Mississanga, ON, CN L4Z 1P4

Make :

Model :

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 * of the * Regulations.

Original Product -- Type Certificate Number :---

*See attached FAA Approved Model List (AML) No. SR00811NY for list of approved airplane models and applicable airworthiness regulations.

Description of Type Design Change: All TFM-138 series transceiver models are manufactured to TIL Engineering Release 921012, Revision B, dated November 24, 1997. The TFM-403 is manufactured to TIL Engineering Release 941059, Revision A, dated October 27, 1999. The TFM-500 is manufactured to TIL Engineering Release 971083, Revision N/C, dated March 16, 1999.

The TFM-30 is manufactured to TIL Engineering Release 961082, Revision N/C, dated April 19, 1999. The Remote Control RC-500

model is manufactured to TII. Engineering Release 991097, Revision N/C, dated November 17, 1999. The TDFM-136 is manufactured to TIL Engineering Release 981087, Revision N/C, dated January 13, 2000. The TFM-550 is manufactured to TIL Engineering Release 991095, Revision N/C, dated March 1, 2000. The RC-550 is manufactured to TIL Engineering Release 991099, Revision N/C, dated March 27, 2000. The ATC-550 is manufactured to TIL Engineering Release 991102, Revision N/C, dated March 20, 2000.

(See Continued Sheet Page 2)

Bimitations and Conditions . 1. Compatibility of this design change with previously approved modifications must be determined by the installer.

2. If the holder agrees to permit another person to use this certificate to after the product, the holder shall 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, recoked or a termination date is otherwise established by the Administrator of the

Date of application : December 23, 1997

Date of issuance : March 24, 1998

Federal Aviation Administration.



Date reissued :

Date amended : February 5,1999; February 15, 2000 November 8, 2000.

direction of the Administrator Vito A. Pullera

Manager, New York Aircraft Certification Office

(Title)

key alteration of this continizate is punishable by a fine of not exceeding \$1,000, of imprisonment not exceeding 3 years, or both. This cortificate may be transferred in accordance with rak 11.47. FAA Form 0110-2:10-681 Page 1 of 2

United States of America

Bepartment of Transportation - Federal Abiation Administration

Supplemental Type Certificate (Continuation Sheet)

Number SR00811NY

Date of Amendment: November 8, 2000

Description of Type Design Change (Continued)

Configuration 1: Installation of Technisonic Industries Limited TFM-138, -138A, and -138B, (does not include TFM-138, s/n 1540 and up, TFM-138B, s/n 1500 and up) in accordance with TIL Installation and Operating Manual 95RE177, Revision E, dated April 1998.

Configuration 2: Installation of Technisonic Industries Limited TFM-138B, in accordance with TIL Installation and Operating Instructions Manual 97RE221, Revision N/C, dated November 1997.

Configuration 3: Installation of Technisonic Industries Limited TFM-138C, in accordance with TEL Installation and Operating Instructions Manual 96RE192, Revision B, dated January 1997.

Configuration 4: Installation of Technisonic Industries Limited TFM-138 (s/n 1540 and up with F10-B Software), in accordance with TIL Installation and Operating Instructions Manual 98RE229, Revision N/C, dated March 1998.

Configuration 5: Installation of Technisonic Industries Limited TFM-403, in accordance with TIL Installation and Operating Instructions Manual 95RE175, Revision A, dated July 1998.

Configuration 6: Installation of Technisonic Industries Limited TFM-500 in accordance with TIL Installation and Operating Instructions Manual 98RE243, Revision N/C, dated May 1999

Configuration 7: Installation of Technisonic Industries Limited TFM-30 in accordance with TIL Installation and Operating Instructions Manual 98RE244, Revision N/C, dated August 1999.

Configuration 8: Installation of Technisonic Industries Limited RC-500 in accordance with TIL Installation and Operating Instructions Manual 99RE260, Revision N/C, dated January 2000.

Configuration 9: Installation of Technisonic Industries Limited TDFM-136 in accordance with TIL Installation and Operating Instructions Manual 99RE255, Revision A, dated March 2000.

Configuration 10: Installation of Technisonic Industries Limited TFM-550 in accordance with TIL Installation and Operating Instructions Manual 99RE262, Revision A, dated April 2000.

Configuration 11: Installation of Technisonic Industries Limited RC-550 in accordance with TIL Installation and Operating Instructions Manual 00RE270, Revision N/C, dated March 7, 2000.

Configuration 12: Installation of Technisonic Industries Limited ATC-550 in accordance with TIL Installation and Operating Instructions Manual 00RE269, Revision A, dated May 8, 2000.

.....END.....

Any alteration of this certificate is punishable by a find of not exceeding \$1,966, or imprisonment not exceeding 3 years, or both.

FAA Form 8110-2-1(10-69) Page 2 of 2

This pertificate may be transferred in accordance with FAR 22.47.

For Installation of the TFM-30, -138, -138B, -138B, -138C, -403, -500, RC-500, TDFM-136, TFM-550, RC-550 and ATC-550. Issue Date: March 24, 1998 FAA APPROVED MODEL LIST (AML) NO. SR00811NY Technisonic Industries Limited

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATE BASIS FOR ALTERATION	AML AMENDMENT DATE
1	Agusta	A109A,A109A II	H7EU	FAR 27	N/A
2	Bell Helicopter Textron	204B,205A-1	MSIH	CAR 7	N/A
e	Bell Helicopter Textron	214B,214B-1	MS9H	FAR 29	N/A
4	Bell Helicopter Textron	212,412	H4SW	FAR 29	N/A
5	Bell Helicopter Textron	222,222B/U,230, 430	MS6H	FAR 29	N/N
Q	Bell Helicopter Textron	206A,A-1,B,L, L-1,L-3,L-4,407	H2SW	CAR 6	N/A
L	Boeing Defense & Space Group	234	H9EA	FAR 29	N/A
∞	Enstrom	480	HICE	CAR 6	N/A
6	Eurocopter Canada	B0105 LS A-3	H6NE	FAR 27	N/A

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Pape 1 of 3

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FAA APPROVED MODEL LIST (AML) NO. SR00811NY Technisonic Industries Limited For

Installation of the TFM-30, -138, -138B, -138B, -138C, -403, -500, RC-500, TDFM-136, TFM-550, RC-550 and ATC-550. Issue Date: March 24, 1998

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATE BASIS FOR ALTERATION	AML AMENDMENT DATE
10	Eurocopter Deutschland	BO105C,BO105S	H3EU	FAR 27	N/A
Ξ	Eurocopter Deutschland	BK117 A-1(D),A-3(D), A-4(D),BK117 B-1(D), B-2(D)	HIJEU	FAR 29	N/A
12	Eurocopter France	SA341 G	H6EU	FAR 27	N/A
13	Eurocopter France	SA315B,SA316B/C, SA319B,SE3160	HIN	CAR 6	N/A
14	Eurocopter France	SA3180,SA318 B/C, SE3130,SE313B	IHL	CAR 6	N/A
15	Eurocopter France	AS332 C/L, SA330 F/G/J	H4EU	FAR 29	N/A
16	Eurocopter France	SA360 C	H8EU	FAR 29	N/A
17	Eurocopter France	AS350 B,B1,B2, B3,BA,C,D,D1	Н9ЕИ	FAR 27	2/15/2000
18	Eurocopter France	SA365 C,C1,N	HIOEU	FAR 29	N/A

FAA APPROVED MODEL LIST (AML) NO. SR00811NY Technisonic Industries Limited For Installation of the TFM-30, -138, -138B, -138C, -403, -500, RC-500, TDFM-136, TFM-550, RC-550 and ATC-550.

Issue Date: March 24, 1998

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NIIMBED	CERTIFICATE BASIS FOR	AML AMENDMENT DATE
			WINDU		atvo
61	Eurocopter France	AS355E,F,F1,F2	HITEU	FAR 27	Y/N
20	Karman Acrosnace	K1200	TR7BO	FAR 27	2/15/2000
21	McDonnell Douglas Helicopter	369, 369A, 369H, 369HM, 369HS, 369HE, 369D, 369E, 369F, 369FF. 500N. 600N	H3WE	CAR 6	2/15/2000
22	Robinson	R44	HIINM	FAR 27	N/A
23	Sikorsky	S-61 L, N	IHI5	CAR 7	N/A
24	Sikarskv	S-76A,C	HINEW	FAR 29	N/A
25	Eurocopter France	EC120B	R0001RD	FAR 27	2/15/2000

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Con Manager, New York Aircraft Certification Office Vito A FAA Approved:

Page 3 of 3

Amended: November 8, 2000

0		MAJOR R	EPAIR AND) A	LTE	RATIO	N	Form Approv OMB No. 2120-0020 2/28/2011	red	Electronic Tracking Number
US Department of Transportation Federal Aviation Administratio	on	irframe, Powe	•	-						For FAA Use Only
INSTRUC	TIONS: Prin ctions and di	t or type all entries sposition of this f violation (49 U.S.C	orm. This repo	CFR ort is	§43 req	.9, Part 4 uired by I	3 Appendix B, aw (49 U.S.C.	and AC 43.9 §44701). Fa)-1 (or ailure	subsequent revision thereof) to report can result in a civil
	Nationality	and Registration Mar				**************************************	Serial No. 515()6		
1. Aircraft	t Make	Bell					Model 206			Series L3
2. Owner	Name (As	PHI, Inc.	certificate)				Address (As sh Address 20 City La		vanc	ertificate) g <u>eline Thruway</u> State <u>LA</u>
				3.	For	FAA Use	Only	e		
4	Туре	r				5. 1	nit Identificatio			
	1	11:4						odel		Serial No.
Repair	Alteration			Make	e					
							(As described i	In item 1 abo	ove)	
		POWERPLANT								
		PROPELLER								
		APPLIANCE	Туре							
			Manufacture	er						
		1				ormity Sta				
	/'s Name and	Address		B. ł		of Agenc	/ ted Mechanic			Manufacturer
Name Address		NT DES MOUTO					ficated Mechanic	;	C. 0	Certificate No.
City	LAFAYET	TE State	LA	Χ			air Station		_	S B1H2300N Limited Airframe
Zip	70507	Country U.S.	۹.		Cer	tified Maiı	ntenance Organi	zation	Lin	nited Specialized Services
have furnis Extended	been made ir shed herein is range fuel	n accordance with the true and correct to	ne requirements	of F	Part 4 ledge	3 of the U ^{e.}	.S. Federal Aviat	described on tion Regulatio	the re ons an	everse or attachments hereto Id that the information
per 14 CFI App. B	R Part 43					\square		1/11		
			7.	Арр	orova	al for Ret	um To Service			· · · · · · · · · · · · · · · · · · ·
Pursuant Administra	to the author ator of the Fe	ity given persons s ederal Aviation Adr	pecified below	, the d is	e unit	identified	l in item 5 was i APPROVED	nspected in	the m ED	anner prescribed by the
BY		Standards	Manufacture	T		Maintena	ance Organizati	on		Persons Approved by Canadian Department of Transport
	FAA De	signee X	Repair Stati	on		Inspectio	on Authorization		Other	(Specify)
Certificate Designatio B1H2300	on No.		gnature/Date o		thori			8/11/	1 11	
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N206FS 12-05-2011 Nationality and Registration Mark Date NOMENCLATURE: FORWARD SHELL **ORIGINAL PART NUMBER: 206-033-100-261** UPGRADED TO PART NUMBER: 206-033-100-291 SERIAL NUMBER: AO-01113 WORK ORDER NUMBER: W171766AA OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH BELL HELICOPTER TEXTRON, INC. FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-053, REVISION A, DATED 10/10/00 AND UPGRADED IN ACCORDANCE WITH OVERHAUL PROCEDURE PHI-450-OP-050 DATED 10/15/02, REVISION E. -----END-----END------

US Departr of Transpor	nent (Airfra tation		R AND ALTER		0	m Approved MB No. 2120- For FAA	Use Only	
Federal Av Administra						ice identification	011	
and dispos	sition of this form. This	all entries. See FAR s form is required by la 901 Federal Aviation	43.9, FAR 43 Appendix w (49 U.S.C. 1421). Fa Act of 1958).	B, and AC 43.9 ailure to report ca	-1 (or subsequer in result in a civil	nt revision the penalty not to	reof) for ins o exceed \$	tructions 1,000
	Make	Helicopters		Model	206L-3			
1. Aircraft	Serial No. 5150	6			and Registration	n Mark		
2. Owner	Name (As show	n on registration certifi .easing Company,		Address (A	As shown on regi 1211 AVE. of New York, NY	the America	as FL21	
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PROPELLE	R							
APPLIANCE	Type Manufacturer							
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Lafayette	, LA 70509			rtificated Mechanic		🗏 & Acces	e , Power sories Lt	d.
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	3-28	-01		<u>I</u> L	Saza			
Purcuant	the suthority given -		Approval for Return to					
Administrat	or of the Federal Avia	tion Administration an	w, the unit identified in i id is [X] APPR		REJECTED		by the	
	AA Fit. Standards ispector	Manufacturer	Inspection Auth	orization	Other (Specify))		
	AA Designee X		Person Approve Canadian Airwo	ed by Transport orthiness Group				
	oval or Rejection	Certificate or Designation No.	Signature of Au	thorized Individu	al			<u> </u>

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Structural Repairs

Structural Repair Of The Upper Shell Assembly

Part Nomenclature:	Upper Shell Assembly	Part Number:	206-033-201-275
Repair Number:	PHI-206L-RP-0031 Rev. IR, 3/27/01	Part Serial Number	N/A

This approval is valid only for Bell Model 206L-3 helicopter serial number 51506, total time 9141:00.

Structural repairs made according to the manufacturer's helicopters structural repair manual, except the size of some repairs exceeded the limits as specified in the manual.

Approval received for these repairs according to data approved on FAA Form 8110-3ByCasey DugasDesignation NumberDERY-750072-SWDatedMarch 27, 2001Serial Number2001-22

END

Additional Sheets Are Attached

	U.S. DEPARTMENT	OF TRANSPORTATION		Serial No. 2
STATEMENT OF CO	FEDERAL AVIATI	ON ADMINISTRATION THE FEDERAL AVIATION RE	GULATIONS	DATE March 27, 2
	AIRCRAFT	OR AIRCRAFT COMPONENT IDEN		
MAKE	MODEL NO.	TYPE (Airplane, Radio,	NAME OF A	PLICANT
Bell Helicopter Textron	206L-3	Helicopter, etc.)	D	TT 11
	200L-3	Helicopter LIST OF DATA	Petro	leum Helicopters,
IDENTIFICATION	T	LIS ; OF DATATITLE		
Document:	1			
PHI-206L-RP-0031 Revision IR, 3/27/01		DURE FOR UPPER SHELL ASS 3/N: 51506 TOTAL TIME: 9141:0		5-033-201-275 ON E
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	data listed here	aspects of the above listed data a an and does not constitute approve		
	the helicopter. 2. This approval is			
	$\sim z_{\rm c}$ = 1 ms addroval is	s valid only for Bell Model 2061 -	3 heliconter serial	number 51506 Tota
		s valid only for Bell Model 206L- in support of a major repair to this		number 51506 Tota
				number 51506 Tota
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PURPOSE OF DATA MAJOR REPAIR TO BI	9141:00 and is ELL 206L-3 S/N 515	in support of a major repair to this 06 Total Time 9141:00.		number 51506 Tota
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FAA Form 8110-3 (11-70) SUPERSEDES PREVIOUS EDITION (COMPUTER REPRODUCTION)

of T Fec	Department Fransportatio deral Aviation ministration	n (C an		MAJOR REPA ame, Powerpla						0	m Approved MB No. 2120 For FAA ce Identificat	Use Only	·····
and	l dispositio	n of this form.	This	all entries. See FAR form is required by la 901 Federal Aviation	aw (49 U	I.S.C	. 1421). Failure to	d AC 43.9- p report ca	1 (or subseque n result in a civ	ent n /il pe	evision there enalty not to o	of) for instri exceed \$1,0	uctions 000
		Make		Helicopters				Model	206L-3		<u></u>	······································	
1. AI	rcraft	Serial No.	5150	£				Nationalit	y and Registra N206FS	tion	Mark		
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Lata	ayette, LA	10509			ŀ	X	Certificated Repair		<u> </u>		& Access Radio Cla	sories Ltd	•
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ha	ave been n	nade in accom	Janc	alteration made to the e with the requirement frect to the best of my	nts of Pai	t 43	fied in item 4 abo of the U.S. Feder	ve and des al Aviation	scribed on the Regulations a	reve	rse or attach b at the infom	ments here nation	to
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зy [FAA F Inspec	It. Standards		Manufacturer	1		ction Authorizatio		Other (Specify	y)			•••••
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Date of	Approval	or Rejection		Certificate or Designation No.	s	Signa	ture of Authorized	Individua	K+	X	<u> </u>		

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

STRUCTURAL REPAIRS

Part Nomenclature: _____ Document: ____

Upper Shell (Roof) PHI-206L-RP-0010 Rev. IR, 6/28/00
 P/N:
 206-033-201-275

 ACFT. S/N:
 51506

Made repair to aft left hand roof upper surface at station 146.00.

Structural repairs made according to the Manufacturer's Helicopters Structural Repair Manual, except the size of some repairs exceeded the limits as specified in the manual.

Approval received for these repairs according to data approved on FAA Form 8110-3 by DER Casey Dugas, Designation Number DERY-750072-SW, dated June 28, 2000, serial number 2000-22.

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

NOMENCLATURE: VERTICAL FIN ORIGINAL PART NUMBER: 206-020-113-131 UPGRADED TO PART NUMBER: 206-020-113-163 SERIAL NUMBER: 703D83051 WORK ORDER NUMBER: W69244AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-041, REVISION A, DATED 11/23/99 AND UPGRADED IN ACCORDANCE WITH OVERHAUL PROCEDURE PHI-450-OP-050 DATED 10/15/02, REVISION E.

Additional Sheets are Attached

FAA Form 337 (12-88)

US Departme	nt (Airfra			n Approved IB No. 2120 For FAA	0020 Use Only	,				
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) STRUCTURAL REPAIRS P/N: 206-020-113-163A Vertical Fin Part Nomenclature: **DP-500** Part S/N: H6057-503-091790 Field Repair: Structural repairs made according to the Manufacturer's Helicopters Structural Repair Manual, except the size of some repairs exceeded the limits as specified in the manual. Approval received for these repairs according to data approved on FAA Form 8110-3 by DER Eugene L. Turner, Designation Number SW-566, dated 10/23/92 TAI Serial Number 92-072. Weight And Balance Amended. END CHAR STR

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FAA Form 337 (12-88)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed PHI modified Whelen Siren System Model WS295. PHI part number PHI 002-000002. See PHI Drawing Number PHI 206L-11118.

The amplifier/control was mounted at Station 19 on the underside of the Avionics/tie down rack which was previously installed on a Form 337. A bracket enclosure was manufactured at .050 2024T3 aluminum measuring 6 1/4" X 6" X 2 1/2" and riveted to the underside of the Avionics/tie down rack using MS20426AD-4 rivets. Amplifier/control is bolted to the bracket with hardware supplied by the manufacturer.

Speaker installed on forward cross tube at station 73.0 with two half clamps fabricated of 6061T6 aluminum block 4 1/8" X 3 3/8" with 2 1/4" holes. Fastened with 4 each AN4-36A bolts; AN365-428 nuts, and AN960PD416L washers. Speaker at center of cross tube and aimed in aft direction.

Power taken from main buss. Used 18 gauge MIL-W-22579/41 wire for power and ground circuit. Used 20 gauge MIL-C-27500/SM wire to speaker. Circuit protected by MS26574-7.5 circuit breaker. Placarded circuit breaker.

----END----

Completed actual weight and balance.

Additional Sheets Are Attached

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US Department of Transportatio Federal Aviatio Administration	n n		e, Powerplant, Pro							For FAA Use Only
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

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		STC INST	ALLATION	
Installed wir number AA-	ndshields in accordar 89001, Revision I, d	nce with Aeronautica ated April 17, 2000	al Accessories, Inc STC SH16	64SO installation report
Actual weig	ht and balance compl	lied with.		
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Aeronautical Accessories, Inc P.O. BOX 3689 BRISTOL, TENNESSEE 37625-3689 U.S.A. TELEPHONE: 423-538-5151 800-251-7094 TELEFAX: 423-538-8469 E-MAIL: sales@aero-access.com

- TO: Petroleum Helicopters, Inc.
- ATTN: Lee Prejean
- DATE: January 31, 2007
- **REF:** Authorization Letter

Aeronautical Accessories, Inc. authorizes your company to install all of our "STC" products on your "fleet of aircraft".

Our "STC" products are listed in our product catalog.

Regards, **James Rumley** Marketing/Sales Mgr.

Bepartment of Transportation—federal Aviation Administration Supplemental Type Certificate

Number SH166450

This certificate, issued to

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

cortifies 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 Cortificator Number: H2SW Make: Bell

Medel: 206A, 206B, 206L, 206L-1, 206L-3, 206L-4

Description of Type Design Change: Installation of replacement windows, and windshields in accordance with Aeronautical Accessories, Inc. Report No. KR-362, Drawing List Replacement Windshield and Window Installation dated August 23, 1984, or later FAA approved revision.

finitations and bonditions 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 of the fuselage.

This certificate and the supporting data which is the basis for approval shall remain in effect until sur-

rendored, suspended, revoked, or a termination date is otherwise established by the Administrator of the

Federal Aviation Idministration.

Late of application :	May 9, 1984	Date reissued :
Late of issuance .	August 29, 1984	Date amended: October 5, 1992
94 44 44 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1		By direction of the Aministrator
* • • • • • • • • • • • • • • • • • • •		Paul C. Sconyange, Acting Manager, (Atlanta Aircraft Certification Office
		(Tille)

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

FAA FORM 8110-2 (10-08)

This certificate may be transferred in accordance with FAR 21.47.