N			MAJOR R								Fo	orm App	roved	£.
US Department	(۸irf	rame, Powe							a)			2120-0020	
of Transportation	(·	A II 1	rame, rowe	i pian	ц, Г	Tohem	ei, oi	Ahhi	anc	-			For FAA Use ntification	Only
Federal Aviation Administration													nuncauon	
and disposition	of this form. This	s rep	tries. See FAR 4 ort is required by deral Aviation A	/ law (4	19 U.S									
	Make	5710	Bel		<u></u>			Model			206	5L-3		
1. Aircraft	Serial No.		5154	0				Nationality and Registration N3007Q					<u> </u>	
	Name (As sho	wn on	registration certific Petroleum H	ate) Ielicor	oters	, Inc.	•	Addres	•		Eva	ngelin	e Thruway	
2. Owner					2 5					Lafayett	e, L	A 705(08-2156	
		<u> </u>	·		<u>3. FC</u>	or FAA L	Jse Oni	У						
														·
					4. L	Jnit Iden	tificatio	on					5. Type	
Unit		Make					Model Ser			Serial N	10.		Repair	Alteration
AIRFRAME		~~~~~ (As described in Ite					1 abov	e) ~~~	~~~~	~~~				x
POWERPLANT														
PROPELLER														
APPLIANCE	Туре													· · · · · · · · · · · · · · · · · · ·
	Manufacturer													
	I		I.	6.	Con	formity	Statem	ent	I		•	·,	1	
A. Agency's Nan	ne and Address				<u>B.</u>	Kind of A	gency artificate	d Maab	-				ificate No.	
	ACADIAN CO	MPOS	SITES				Certific			c			ED AIRFRAI	ME
301 V	N. PONT DES N				X		d Repai	r Statior	า				D SPECIALI	ZED
		-	eration made to f			Manufa			and	doooribod o		SERVI		nonto
hereto have	been made in a	accor	dance with the r ue and correct to	equirer	nents	s of Part	43 of th	e U.S.	Feder	al Aviation	Reg	ulations	s and that the	
Date	5-26	- ()	о <i>Ч</i>		Si	gnature	of Autho	orizoni	ndividi	ual				
	200	<u> </u>		. Appi	roval	for Ret	urn To	Service	8	·				
Pursuant to the a Administrator of	authority given p the Federal Avia	erso	ns specified belo Administration a	w, the nd is	uniti ⊗ AF	identified PPROVE	l in item D□□	4 was REJEC	inspec TED	cted in the i	man	ner pre	scribed by th	e
FAA F Inspec	it. Standards		Manufacturer		Ins	spection	Authori	zation		Other (Spe	ecify)	····	
	Designee	x	Repair Station		Tra	erson Ap ansport (rworthine	Canada	-		·	*			
Date of Approval	-	•	Certificate or Designation No		Sig	gnature o	of Autho	orized II	ndividu		/			- · · · · · · · · · · · · · · · · · · ·
5-26	<u>2-88)</u>		B1H2300	N	JI		ELANC	ON (no	E	<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.)

NOMENCLATURE: ELEVATOR PART NUMBER: 206-023-119-177 SERIAL NUMBER: WORK ORDER NUMBER: W42654AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-032, REVISION A, DATED 11/24/99.

Additional Sheets are Attached

FAA Form 337 (12-88)

								ON	m Approved 1B No. 2120-00 30/2007	Electronic Tracking Number
US Department of Transportatio Federal Aviatio Administration	n			R REPAIR AND owerplant, Prop					30/2001	For FAA Use Only
INSTRUCT instructions such violatio	and dispos	ition of this	s form.	es. See Title 14 CFF This report is require	R § ed I	43.9, Part 43 by law (49 U.	3 Appendix B, and S.C. §44701). Fai	d AC 4 llure to 1	3.9-1 (or si report can i	ubsequent revision thereof) for result in a civil penalty for each
	Nationality N320	y and Regi 7Q	stratio	n Mark			Serial No. 51540			
1. Aircraft	Make Bell						Model 206			Series L-3
	Name (As	s shown on	regist	ration certificate)		<u></u>	Address (As sl	hown or	registratio	n certificate) 1 SE Evangeline Thruway
2. Owner	PHI,	Inc.					city Lafaye	tte		State LA
					3.	For FAA Use			0	
										-
4. Тур)e				5.	Unit Identific	ation			
Repair	Alteration	Un	t	Mal	ke			Model		Serial No.
\checkmark		AIRFRAM	1E				(As described	d in Iten	n 1 above)	
		POWER	PLANT							
		PROPEL	LER	-						
	· · ·			Туре						
		APPLIAN	CE	Manufacturer		· · · · · ·	-			
		}		6.	. C	onformity St	atement		<u> </u>	
A. Agency's N	lame and A	ddress				Kind of Ager				
Name <u>PHI,</u>					L		cated Mechanic			lanufacturer
Address <u>P. O.</u> _{City} Lafay		5		State LA	1		tificated Mechanic Repair Station			
zip <u>70509</u>	- <u>0808</u> co	untry USA				Certificated	Maintenance Organi	ization		HEER617E
have be	en made in	accordan	ce with	tion made to the unit the requirements of o the best of my know	Par	t 43 of the U.	tem 5 above and S. Federal Aviation	descrit n Regul	ed on the r ations and	everse or attachments hereto that the information
Extended ran			Signa	ature/Date of Authoriz	zed	Individual	Ten	ell	K. M	relancow
per 14 CFR F App. B	all 43		L	enel K. Whit	la	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-			7-21-12
				7. Ap	pro	val for Retur				
Pursuant to Administrat	o the autho or of the Fe	ority giver deral Aviat	perso ion Ad	ons specified below, ministration and is	, th	ne unit ident	ified in item 5 v	vas ins	pected in jected	the manner prescribed by the
	A Flt. Stand	lards	Mar	ufacturer	N	laintenance C	Organization	0	epartment o	oved by Canadian f Transport
BY FA	A Designee	x	Rep	air Station	lı	nspection Aut			(Specify)	
Certificate or Designation N	lo	I	Sign	ature/Date of Authoriz	zed	Individual	74	ench	K Me	lanco-
	EER617E	i	-1	ener K Ma	1,1	ancon				7-21-12
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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 (If more space is required, atta	lished ach additional sheets	. Identify with aircraft	nationality and regis	tration mark and date	work completed.)
			N	3207Q	7-21-12
			Nationality and	d Registration Mark	Date
	Str	uctural	Ronai	M	
	50	пстан	перин		•.
	Aft. Low	er Shell A	ssembly R	epair	
Part Nomenclature:	Lower She	ell Assembly	Part Number	r. 206-(033-099-225
Repair Number:		L-RP-0213	i urt i (unito)	200-4	000000000000000000000000000000000000000
	Revis	sion IR.			
Work Accomplished	Cut out da	magad manti-	of out f		
Work Accomplished: aluminum outer fram	e filler & a	.040" thick a	01 outer fram	ne. Installed a	a .020" thick bler on shell
assembly as required u	sing materials	noted in repair	r # <u>PHI-206L-</u>	RP-0213, Revi	sion IR.
Structural repairs mad except the size of this r	e according to	the manufact	urer's helicopt	ters structural	repair manual,
except the size of this i		u me mints as	specified in th	e manual.	
Approval received for	this repair acc	ording to data a	approved on F.	AA Form 811()-3.
By DER: Lor	uis Bellott	Designation 1	Number:	DERT-7	50020-SW
Dated: Apri	13,2012	8110-3 Serial	Number:	PHI1	2-11
Weight and Balance No	egligible.				
		END			
					~
			7		
			~	*	
			heets Are Attached		
			neets Are Attached		

				PHI12-11
U.S. DEPARTMENT OF TRA	ANSPORTATION			1. DATE
				April 3, 2012
		· · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
3. MODEL NO.	4. TYPE (Airp	lane, Radio,		E OF APPLICANT
206L-3 S/N 51540				PHI, Inc.
	LIST OF D			
1		7. TITLE		
				99-225 (Corrosion LH
Structural Analysis fo on Aft Lower Shell)	or Repair Proc	cedure PHI-206L-RP-	-0213 ((Corroded L/H Outer Frame
		7		
 demonstrates consubparagraph list of the above liste 2) This form does consubstantiation of 3) Repair is performed 4) This approval is variable of the specific sections 	mpliance only ted below as ad data are ap onstitute FAA compliance to ed by PHI, Inc alid only for E	y with the regulations "Applicable Requirem proved herein. approval of all the en o necessary requirem c. Bell Helicopter Textron repair and not the wo	specifie nents". nents fo n Canad	ed by paragraph and The structural aspects only ng data necessary for r the repair. da Limited Model 206L-3 ship or installation on S/N:
24 (Structural aspects o authority vested by direct	ion of the Adm	inistrator and in accord	dance wi	th conditions and limitations
-				
Recommend approv	val of these c	iata		
Approve these data	ı			
ATED ENGINEERING REPRESE	ENTATIVE(S)	12. DESIGNATION NUM	BER(S)	13. CLASSIFICATION(S)
Bellett		DERT-750020-	SW	Structural
		И		
			· · · · · · · · · · · · · · · · · · ·	
	FEDERAL AVIATION ADM COMPLIANCE WITH A AIRCRAFT OR AI 3. MODEL NO. 206L-3 S/N 51540 Repair Procedure for Outer Frame) on a B Structural Analysis for on Aft Lower Shell) Notes: 1) This approval is e demonstrates co subparagraph list of the above liste 2) This form does co substantiation of 3) Repair is perform 4) This approval is v S/N 51540. engineering aspects or (List specific sections) 03, 27.305(a), 27.307(a) 24 (Structural aspects of authority vested by direct Read the approves and found to Recommend appro	AIRCRAFT OR AIRCRAFT COMF 3. MODEL NO. 4. TYPE (Airp Helicopter, et 206L-3 S/N 51540 LIST OF D LIST OF D Repair Procedure for Aft Lower SI Outer Frame) on a Bell Model 206 Structural Analysis for Repair Proc on Aft Lower Shell) Notes: 1) This approval is engineering de demonstrates compliance only subparagraph listed below as of the above listed data are ap 2) This form does constitute FAA substantiation of compliance to 3) Repair is performed by PHI, Ind 4) This approval is valid only for E S/N 51540. engineering aspects only of a major (List specific sections) 03, 27.305(a), 27.307(a), 27.321, 27 24 (Structural aspects only) authority vested by direction of the Adm Part 183, data listed above and on atta procedures and found to comply with approximation of comply with approximation of comply with approximation of the Adm	FEDERAL AVIATION ADMINISTRATION COMPLIANCE WITH AIRWORTHINESS STANDARDS AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION NOTE: ITTIE INTENT Notes: 1) This approval is engineering design data only. It inc.	FEDERAL AVIATION ADMINISTRATION COMPLIANCE WITH AIRWORTHINESS STANDARDS AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION 3. MODEL NO. AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION 3. MODEL NO. AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION 3. MODEL NO. AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION ILIST OF DATA 7. TITLE Repair Procedure for Aft Lower Shell Assembly P/N 206-033-0 Outer Frame) on a Bell Model 206L-3 Helicopter, S/N: 51540 Structural Analysis for Repair Procedure PHI-206L-RP-0213 (Con Aft Lower Shell) Notes: 1) This approval is engineering design data only. It indicated in demonstrates compliance only with the regulations specifie subparagraph listed below as "Applicable Requirements". of the above listed data are approved herein. 2) This form does constitute FAA approval of all the engineering substantiation of compliance to necessary requirements for 3) Repair is performed by PHI, Inc. 4) This approval is valid only for Bell Helicopter Textron Canadra S/N 51540. (List specific sections) <tr< td=""></tr<>

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

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US Department of Transportation Federal Aviation Administration		MAJOR REPA rame, Powerpla							proved. 5. 2120-0020 For FAA Use (entification	Only	
INSTRUCTI and disposit	ion of this form. I	e all entries. See FAR his report is required on 901 Federal Aviat	j by lav	v (49	U.S.C. 1421), Fa	and AC 43. ailure to re	9-1 (or subsequei port can result in	nt revisior a civil per	n thereof) for in halty not to exc	nstructions ceed \$1,000	
	Make Bell					Model					
1. Aircraft	Serial No. 5154()				Nationali	5L-3 ity and Registration	tration Mark			
		n on registration cer	tificati	e)	· · · · · · · · · · · · · · · · · · ·		207Q (As shown on reg	victration			
2. Owner		lit Corporation		.,			_				
z. Owner		in corporation		5728 Jefferson Hwy #23502							
	L	the state of the s					v Orleans, LA	7012	3-5113		
	· · · · · · · · · · · · · · · · · · ·			3.	For FAA Use O	nly					
	· · · · · · · · · · · · · · · · · · ·			4.	Unit Identificati	on			5. Type		
Unit	N	lake		Model		Serial No	D.	Repair	Alteration		
AIRFRAME	*****	(A	ls desc	ribe	d in Item 1 abov	e)	••••••			X	
POWERPLANT											
PROPELLER											
	Туре										
APPLIANCE	Manufacturer										
			6		nformity Staten						
A. Agency's Na	me and Address			r	Kind of Agency			C Cert	ificate No.	·	
Petroleum I	Helicopters, In	nc.			U.S. Certificated	Mechanic					
P.O. Box 90	808			x	Foreign Certifica		nic		e, Powerplant, a pries Limited - R		
Lafayette, L	A 70509			- ^	Certificated Rep Manufacturer	air Station			d 3 - CRS No. H		
	made in accorda	or alteration made to nce with the requirer correct to the best c	ments	$\mathbf{OI} \mathbf{P}$	identified in item	4 above a . Federal A	nd described on the Aviation Regulation	he reverse ons and th	e or attachmer nat the inform	nts hereto ation	
Date // -	19-92	3		Sig	nature of Autho	rized Indiv	idual		DAVIS		
	., .		7 4		al for Return To	D C	NJ7	•		· · · · · · · · · · · · · · · · · · ·	
Pursuant to th Administrator	ne authority give of the Federal Av	n persons specified iation Administration	below	the		in item 4	was inspected in JECTED	the man	ner prescribe	d by the	
FAA F	It. Standards	Manufacturer			ection Authorizat	<u> </u>	Other (Specify)				
FAA D	esignee X	Repair Station		Perso Cana	on Approved by ⁻ ada Airworthines	Fransport					
ate of Approval	E_	Certificate or			ature of Authori		j Jual	Bi -			
11-19	-98	Designation No. HEER617E			M-L-	D	THIT	AU	¥15		

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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 mounted crew flat window in accordance with Aeronautical Accessories, Inc. STC SH5773SW.

Installed a rubber mounted litter door window and fixed panel window in accordance with Aeronautical Accessories, Inc. STC SH7608SW.

Installed an Aeronautical Accessories, Inc. rubber mounted passenger wedge window in accordance with Supplemental Type Certificate SH5685SW.

END

Administration INSTRUCTIONS: Print or type all entries. See Tille 14 CFR 43 Sec.43.9, Part 43 Appendix B, and AC 43.9.1 (or subsequent revision therein instructions and disposition of this form. This report is required by law (49 U.S.C. Sec. 44701). Failure to report can result in a civil penalty for such violation. (49 U.S.C. Sec. 4508) (1a) Instruction and disposition of this form. This report is required by law (49 U.S.C. Sec. 44701). Failure to report can result in a civil penalty for such violation. (49 U.S.C. Sec. 4508) (1a) Instruction and Registration Mark Serial No. Instruction and Registration certificate) Model Instruction and Registration certificate) Address (As shown on registration certificate) Instruction and Registration certificate) Address (Dot) SE £TRANG£LINE T RWY Instruction and Registration certificate) Address (Dot) SE £TRANG£LINE T RWY Instruction and Registration certificate) Address (Dot) SE £TRANG£LINE T RWY Instruction and Registration certificate) Address (Dot) SE £TRANG£LINE T RWY Instruction and Registration certificate) Address (Dot) SE £TRANG£LINE T RWY Instruction and Registration and Registration certificate) Address (Dot) SE £TRANG£LINE T RWY Instruction and Registration certificate) Instruction and Registration certificate) Instruction and Registration certificate) Instruction and Registration certificate) Instruct	U.S. Department of Transportation Federal Aviation	n, (n	ion (A		REPAIR AN werplant, P			ATION or Appliance)	Form Approv OMB No. 21 11/30/2007			
Narreaft Name (As shown on registration certificate) Model Series $A - 3$ Name (As shown on registration certificate) Address (As shown on registration certificate) Address 2001 SE $\mathcal{L}VANGE\mathcal{L}TNE + RWY$ City $LAFAYE4HE$ State ΔA Zvp $Zo \pm OE^{-2154}$ Country $V \leq A$ State ΔA $\Delta C \in A$ ΔA State ΔA $\Delta C \in A$ ΔA Atteration $PHIT$, TNC $\Delta C \in A$ ΔA State ΔA ΔA ΔA Atteration Unit Make Model Serial No. \Box A A A A A \Box A A A A A A \Box A	INSTRUCTION	IS: Print o d dispositi	DNS: Print or t	n of this form. Th	ee Title 14 CFR	43 Se ed by	ec.43.9, law (49	Part 43 Appendix B, and U.S.C. Sec. 44701). Fail	AC 43.9-1 (or lure to report o	subsequent revisional subsequent revision and the subsequent revision of the subsequent revision of the subsequence of the subs	on thereof) for penalty for each	
Make BELL Model 2.06 3.73 Name (As shown on registration certificate) Address (As shown on registration certificate) Address (As shown on registration certificate) Address 2001 SE EVANGELTNE TRWY City LAFAYETHE State Ztp 72508-2156 Country Joint Make Model State State Address Ztp 72508-2156 Country Joint Make Model State Serial No. Alteration Unit Make Make Model Serial No. Alteration Unit Make Model State Alteration Unit Make Make Model Serial No. Alteration Unit Make Model Alteration Unit Make Model Alteration PowerPLANT Rolls Royce 250 C -30 F Alter-9502 Propeller Inducaturer Appliance Manufacturer Manufacturer	4		· · · ·						1540			
Name (As shown on registration certificate) Address (As shown on registration certificate) 2. Owner PHI , TNC Address $2QOI$ SE <u>EVANGELINE</u> TRWY City <u>LAFANETTE</u> State <u>LA</u> . Zip <u>ZoSOR-2156</u> Country <u>USA</u> 3. For FAA Use Only 3. For FAA Use Only Address $2QOI$ SE <u>EVANGELINE</u> TRWY City <u>LAFANETTE</u> State <u>LA</u> . Zip <u>ZoSOR-2156</u> Country <u>USA</u> Address $2QOI$ SE <u>EVANGELINE</u> TRWY City <u>LAFANETTE</u> State <u>LA</u> . Zip ZoSOR-2156 Country <u>USA</u> Address $2QOI$ SE <u>EVANGELINE</u> TRWY City LAFANETTE TRWY Address $2QOI$ SE <u>EVANGELINE</u> TRWY City LAFANETTE TRWY City LAFANETTE Address $2QOI$ SE <u>EVANGELINE</u> TRWY City LAFANETTE Address $2QOI$ SE <u>EVANGELINE</u> TRWY Address $2QOI$ SE <u>EVANGELINE</u> Aiteration Unit Make Market Model Serial No. AIRERAME POWERPLANT POWERPLANCE APPLIANCE Manufacturer 6. Conformity Statement <td>1. Анстап</td> <td>Make</td> <td>Make</td> <td>BELL</td> <td>- <u></u></td> <td></td> <td></td> <td></td> <td></td> <td colspan="3"></td>	1. Анстап	Make	Make	BELL	- <u></u>							
3. For FAA Use Only 4. Type 5. Unit Identification Repair Alteration Unit Make Model Serial No. Image:	2. Owner			-				Address (As sh Address 200 City 1AF	nown on regist SE <u>EvA</u> 4 YE++E	NGELINE T		
4. Type 5. Unit Identification Repair Alteration Unit Make Model Serial No. Image: Im						3 F	or FA/		<u>9~ 2156</u> Col	untry <u>USA</u>		
Repair Alteration Unit Make Model Serial No. Image: Serial No. AIRFRAME ~~~~~~~ (As described in Item 1 above) ~~~~~~~ Image: Serial No. POWERPLANT Rolls Royce 250 C - 30 F Image: AE - 895 Second Se												
Repair Alteration Unit Make Model Serial No. Image: Image												
Image: Normal statement All frame All fram All frame A	4. Type		e			5. U	Init Ide					
Image: Matrix Instrument POWERPLANT Rolis Royce 250 $C - 30F$ CAE - 895 Second LAG - 9.5 Gecond LAG -	Repair Alt	teration	Alteration	Unit	Make	;		Mode	el 	Seri	al No	
Image: Manufacturer Type Image: Manufacturer 6. Conformity Statement					~~~~~	~~~	~~~	(As described in	Item 1 above		~~~~~	
Image: APPLIANCE Type Manufacturer Manufacturer 6. Conformity Statement				POWERPLANT	Rolls	Royo	ce	250	D C-309			
APPLIANCE Manufacturer 6. Conformity Statement				PROPELLER								
			□ ^	APPLIANCE								
A, Agency's Name and Address B. Kind of Agency		·]	·]			6. Co	onform	ty Statement		l		
						-	Kind of	Agency				
Name H-S Tool & Parts Inc. U.S.Certificated Mechanic Manufacturer Address #140-2560 Simpson Road X Foreign Certificated Mechanic C. Certificate No.						x			ic			
Richmond State BC Certificated Repair Station 39-87 Zip V6X 2P9 Country Canada Certificated Maintenance Organization 39-87	City Richmo	ond	mond	State	BC		Certi	icated Repair Station		39-87		
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 is 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.	D. I certify that t have been m	nade in ac	at the repair a made in acco	and/or alteration	e requirements o	of Par	lentified t 43 of	in item 5 above and de	escribed on th	ne reverse or attac s and that the info	hments hereto rmation	
Extended range fuel per 14 CFR Part 43 D J. Gustafson 17/Jul/2012	per 14 CFR Par			— I ~	J. Gustafso	n		A		17/Jul/20	012	
7. Approval for Return To Service / 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 APPROVED REJECTED					pecified below, t	he un	nit ident	fied in item 5 was inspe		nanner prescribed	by the	
BY FAA FIt. Standards Manufacturer Maintenance Organization X Persons Approved by Canadian Department of Transport				rds Manufa	acturer	<u> </u>			X Persons Departm	Approved by Can ent of Transport	adian	
FAA Designee Repair Station Inspection Authorization Other (Specify)		Designee	Designee	Repair	Station	Inst	pection	Authorization	Other (Speci	ify)		
Certificate or Designation No. 39-87 J. Gustafson FAA Form 337 (10-06) Signature/Date of Authorized Individual J. Gustafson 17/Jul/2012	Designation No.	39-87	39-87	Signati			d Indivi	lual		17/Jul/20	012	

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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.

			N231F	2H	9/8/13	
D		0	Nationality and Reg	istration Mark	Date	
Description	<u>i:</u> Rolls Royce 250 Gearbox P/N 23059576, S/N HL3				· · ·	
Machined 3 A Final Inspecti		nd Outer Fla	nge To Fit Cage	4W3 72-60-0 IAW 14W3 7)0. 72-00-00.	
	ork Performed Are On File Unde ments to Follow.					
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8	J			REPAIR AN		TCØ \ T		Form Approved OMB No. 2120-00 11/30/2007	Electronic Tracking Number			
U.S. Dep of Transp Federal / Administ	ortation Aviation	•		werplant, P					For FAA Use Only			
instructio	CTIONS: Print ons and disposi ation. (49 U.S.	tion of this i	form. Thi	ee Title 14 CFR is report is requir	43 Sec ed by I	:.43.9, Part aw (49 U.S.	43 Appendix B, and C. Sec. 44701). Fai	AC 43.9-1 (or sub lure to report can	psequent revision thereof) for result in a civil penalty for each			
1. Aircraf		llity and Re $\mathcal{N}\mathcal{P}$	gistration 3) F				Serial No.	51540				
	Make	BE	LL				Model Series 206 2-3					
2. Owner		(As shown) HI, z	•	ration certificate)			Address <u>200</u> City <u>LAF</u> A	AVETTE	on certificate) <u>SELINE T R い Y</u> State <u>LA</u> USA			
	L				3. Fo	or FAA Use						
								• •				
4.	Туре				5. Uı	nit Identific	ation	<u> </u>				
Repair	Repair Alteration Unit Make						Mode	el	Serial No.			
		AIRFRAM	1E	~~~~~		~~~	(As described in	ltern 1 above)	~~~~~~~			
X		POWERF	LANT	Rolls	Rоус	e	25	C-30P	CAE-895529 CAG-95023			
		PROPELI	ER			۰.						
		APPLIAN	CE	Type Manufacturer								
A	de Name and	Adduses			-	nformity St						
	y's Name and I-S Tool & Par	-		<u>-</u> .	<u>нв. к</u>	ind of Ager	icy icated Mechanic	I	Manufacturer			
Address #	140-2560 Slm		1		X		ertificated Mechan	ic C.	Certificate No.			
	Richmond /6X 2P9	Country	State Canada				d Repair Station		39-87			
D. I certify have b	/ that the repa een made in a	ir and/or al	teration with the	made to the uni	of Part	entified in it 43 of the U		escribed on the re	everse or attachments hereto ad that the information			
	range fuel R Part 43		Signati	ure/Date of Auth J. Gustafsc		Individual			5 5 5 2 2/Sep/2011			
					he uni				ner prescribed by the			
	FAA Flt. Stand		Manufa	1			rganization	V Persons Ap	proved by Canadian of Transport			
^{3Y} ├─┼	FAA Designee	,	Repair	Station	Insp	ection Auth	orization	Other (Specify)				
	or on No.	I	Signati	ure/Date of Auth	l orized	Individual	/					

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.

If more space is req	Accomplished uired, attach additional sheets. Identify with aircrai	ft nationality and registration mar	k and date work completed.)
		NZJIPH	918/13	
		Nationality and Registration Mar	k Date	
Description:	Rolls Royce 250 Gearbox Cover P/N 23059576, S/N HL35419			
Installed Insert # CNA1233-GE Complete Gear Final Inspection	box Cover - NDT (FPI) IAW 14W3 72-00- n. k Performed Are On File Under Work Ord	4W PRPL 1-11 And 14W3 7 00.	-DDC-06-2009. '2-00-00 And LDA REF.	•
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instructions	tation lation fIONS: Print s and disposi ion. (49 U.S.) Nationa Make	(Airfran or type all e tilon of this C. Sec. 463 lity and Re $N \partial$ $B \mathcal{E}$	ne, Po entries. S form. Thi 301(a)) gistration 31 K	is report is req	Pro		er, or A	Serial No Model	B, and AC 1). Failure 1540 76 (As show	2	subse an res Serie	L-3 certificate)	h
2. Owner	P	HI, :	INC									INE TRWY State 2A USA	_
	- 1					3. For	FAA Use						
4. Ty	VDe						t Identific	ation					
Repair	Alteration				ake				Model			Serial No.	
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		POWER	PLANT	Roll	s R	оусе	· · · · · · · · · · · · · · · · · · ·		250	C-30P	,	CAE-895529 CAG-95023	
		PROPEL	LER										
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<u> </u>	s Name and					-	nd of Agen	cy cated Mech	anio			Manufacturer	_
	S Tool & Pa 40-2560 Sim		d					ertificated M				ertificate No.	_
City Rid	chmond		State	BC				d Repair Sta				39-87	
D. I certify f	en made in a	ir and/or a	e with the	made to the	ts of	s) ider Part 4	ntified in it 3 of the U	d Maintenar em 5 above .S. Federal	and desc	ribed on th	e reve and	erse or attachments hereit that the information	0
Extended ra per 14 CFF App. B	ange fuel R Part 43		Signat	ure/Date of A C. Trsek			L	m	/ (H- 7			18/Mar/2013	
Pursuant t	o the author	ity given pe	ersons s		w, th	e unit		n To Servic n item 5 wa		ed in the m	annei	r prescribed by the	
F	AA Flt. Stan		1	acturer			<u> </u>	rganization	X	Persons	Appro ent of	oved by Canadian Transport	
BY	AA Designe	e	Repair	Station	<u> </u>	Inspe	ction Auth	orization	Ot	her (Speci	_	<u></u>	
Certificate Designation			Signat	ure/Date of A		prized I	ndividual	m	(H-S 7			18/Mar/2013	
	n 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.

				V23IPH		9/8/13	
Description:	Rolls Royce 25		Natio ousing	onality and Registrat	ion Mark	Date	
	P/N 23035139,	S/N HL368	65				
Repaired PT Ta	imp Drive Seal Bore chometer Governo e Mounts IAW RSS	r Locating Bore	& Flange IA	W RSS 1051.			
	hemes (RSS) 1012 k Performed Are Or ents to Follow.						-* 
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6										OMB No. 2 11/30/2007	120-0020	Electronic Tracking Number	
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	Aviation	(Airtra	ime, P	owerplan	t, P	rop	eller, or	Appliance)					
		t or type a	II ontrios	Coo Till- 444				······					
	ions and dispo plation. (49 U.S			his report is re	CFR 4 equire	43 Se ed by	ec.43.9, Pa law (49 U.:	t 43 Appendix B, S.C. Sec. 44701).	and AC Failure	43.9-1 (o to report	r subse can res	quent revision thereof) for ult in a civil penalty for eac	
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	Make	Be	. 11					Model 20			Serie	s/- 3	
	Name	(As show	n on regi	stration certific	cate)			Address (A	s show	n on regis	tration of	certificate)	
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	P	4I	In	С.				City Lac	aye H	te			
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	1				6.	. Con	formity S	l			]		
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	140-2560 Sim lichmond	pson Roa	d State	BC	ł	X		ertificated Mech d Repair Station			C. Cer	tificate No.	
· _	6X 2P9	Country	Canada		ł			d Repair Station		ration		39-87	
nave be	that the repair een made in a ed herein is tru	ccordance	e with the	e requirement	ts of	Part 4	entified in it 43 of the L	em 5 above and	describ	and on the	e rever and th	se or attachments hereto at the information	
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	R Part 43		- griate	J. Gustaf			mannada	A		(H-S 9		21/Oct/2009	
								n To Service	-V.				
ursuant Iministra	to the authorit ator of the Fee	y given pe deral Aviat	ersons sp tion Adm	ecified belov inistration an	v, the d is	e unit	identified	n item 5 was ins /ED REJI	pected	in the ma	anner p	prescribed by the	
	AA Flt. Standards Manufacturer						tenance O	rganization	X	Persons Approved by Canadian Department of Transport			
F	AA Designee		Repair	Station	I	nspe	ection Auth	orization	Othe	r (Specify	1)		
rtificate signatio	φr n No.		Signatu	re/Date of Au	uthori	ized I	Individual	Γ	11	(110	$\overline{)}$		
	39-87	7		J. Gustafs	son			-	$\mathbb{H}$	(H-S 9	<u>ک</u> ک	1/Oct/2009	
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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
N320'7Q       9-12-10         Nationality and Registration Mark       Date         Description:       Rolls Royce 250 Gearbox Cover         P/N 23059576,       S/N HL38330         1.       Repaired 2 Splittine Bolt Holes IAW 14W3 72-00-00 Page 402 And PRPL 1-11.         2.       Repaired PTO Seal Bore And Flange IAW RSS 1049.Note:Sealbore I.D. Was Machined 0.020" Undersize I Customer Request.         3.       Final Inspection.         Repair Salvage Scheme (RSS) 1049 Is OEM Approved Data.         All Records of Work Performed Are On File Under Work Order 58750.         No Further Statements to Follow.
Nationality and Registration Mark       Date         Description:       Rolls Royce 250 Gearbox Cover P/N 23059576, S/N HL38330       Date         1.       Repaired 2 Splittine Bolt Holes IAW 14W3 72-00-00 Page 402 And PRPL 1-11.       Date         2.       Repaired PTO Seal Bore And Flange IAW RSS 1049.Note:Sealbore I.D. Was Machined 0.020" Undersize I Customer Request.       Date         3.       Final Inspection.       Repair Salvage Scheme (RSS) 1049 Is OEM Approved Data.         All Records of Work Performed Are On File Under Work Order 58750.       No Further Statements to Follow.
<ol> <li>Description: Rolls Royce 250 Gearbox Cover P/N 23059576, S/N HL38330</li> <li>Repaired 2 Splitline Bolt Holes IAW 14W3 72-00-00 Page 402 And PRPL 1-11.</li> <li>Repaired PTO Seal Bore And Flange IAW RSS 1049.Note:Sealbore I.D. Was Machined 0.020" Undersize R Customer Request.</li> <li>Final Inspection.</li> <li>Repair Salvage Scheme (RSS) 1049 Is OEM Approved Data. All Records of Work Performed Are On File Under Work Order 58750. No Further Statements to Follow.</li> </ol>
<ol> <li>P/N 23059576, S/N HL38330</li> <li>Repaired 2 Splittine Bolt Holes IAW 14W3 72-00-00 Page 402 And PRPL 1-11.</li> <li>Repaired PTO Seal Bore And Flange IAW RSS 1049.Note:Sealbore I.D. Was Machined 0.020" Undersize R Customer Request.</li> <li>Final Inspection.</li> <li>Repair Salvage Scheme (RSS) 1049 Is OEM Approved Data.</li> <li>All Records of Work Performed Are On File Under Work Order 58750.</li> <li>No Further Statements to Follow.</li> </ol>
<ol> <li>Repaired 2 Splitline Bolt Holes IAW 14W3 72-00-00 Page 402 And PRPL 1-11.</li> <li>Repaired PTO Seal Bore And Flange IAW RSS 1049.Note:Sealbore I.D. Was Machined 0.020" Undersize R Customer Request.</li> <li>Final Inspection.</li> <li>Repair Salvage Scheme (RSS) 1049 Is OEM Approved Data.</li> <li>All Records of Work Performed Are On File Under Work Order 58750.</li> <li>No Further Statements to Follow.</li> </ol>
<ol> <li>Repaired PTO Seal Bore And Flange IAW RSS 1049.Note:Sealbore I.D. Was Machined 0.020" Undersize F Customer Request.</li> <li>Final Inspection.</li> <li>Repair Salvage Scheme (RSS) 1049 Is OEM Approved Data.</li> <li>All Records of Work Performed Are On File Under Work Order 58750.</li> <li>No Further Statements to Follow.</li> </ol>
All Records of Work Performed Are On File Under Work Order 58750. No Further Statements to Follow.
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Additional Sheets Are Attached

U.S. Departmer of Transportation Federal Aviation	n <b>(Airfr</b>	MAJOR REPAIR ame, Powerplan			-		)		2120-0020 <b>r FAA Use C</b>	Dnly	
and disposition	i of this form. Thi	all entries. See FAR 43. is report is required by I 901 Federal Aviation A	aw (49	U.S.	C. 1421). Failu	d AC 43.9- re to repor	1 (or subsequent can result in civi	revision the I penalty not	reof) for instru to exceed \$1	uctions ,000	
1. Aircraft	Make	BELL				Model	2062	• 3	3		
	Serial No.	51540				Nationali	ty and Registrati				
2. Owner		wn on registration cer L INC	tificate	9)		ertificate) ELINE SOB-2	-				
				3. Fo	or FAA Use O	nly					
				4. Ui	nit Identificat	ion	· ///		5. Type		
Unit	P	Make			Model		Serial	No.	Repair	Alteration	
AIRFRAME	~~	~~~~~~ (	As des	scribe	ed in Item 1 at	oove) ~~	~~~~~~	~			
POWERPLANT	Rolls	Royce		250 - C-309 LAE-89 CAG-9				400 <b>405</b>	X		
PROPELLER											
APPLIANCE	Type Manufacturer		x								
A Ageneide Ne			6		formity State	ement	·····	· · · · ·			
	me and Address			В. К	ind of Agency U.S.Certificat	ted Mecha	nic	C. Certif	ficate No.	·····	
#140-2	560 Simpso			X	Foreign Certi Certificated F Manufacturer	ficated Me Repair Stat	chanic	3	39-87		
have been m	ade in accordar	r alteration made to the nce with the requireme correct to the best of m	nts of	Part	entified in item 43 of the U.S.	4 above a	nd described on viation Regulation	the reverse ons and that	e or attachme t the information	ents hereto tion	
Date 06/Jul/	2007				ature of Autho Gustafson		ridual		(H-S 9	)	
					for Return T						
Pursuant to the Administrator o	authority given f the Federal Av	persons specified beloviation Administration a	ow,the and is		identified in ite		nspected in the EJECTED	manner <b>b</b> re	scribed by th	e	
3Y FAA F	lt. Standards ctor	Manufacturer		Inspe	ection Authoriz	ation	Other (Spe	cify)			
	esignee	Repair Station	X	Pers Cana	on Approved b Ida Airworthine	proved by Transport rworthiness Group					
Date of Aprrova 06/Jul/	•	Certificate or Designation No. <b>39-87</b>		Signature of Authorized Individual J. Gustafson							
AA Form 337	(12-88)	1						TY	alt caracter		

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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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8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft national	uity and registration mark and date work completed.)
(If more space is required, attach additional sheets, identity with all chart hatond	
and the second	an at the state
Description: Rolls Royce 250 Gearbox Housing	
P/N 23064603, S/N HL75751	5 34 Jun 8 .
1Repaired 1 Bolt Hole On Splitline IAW PRPL 1-11.	
2. Repaired Engine Mounts IAW RSS 1012.	ي کار کې د کې د کې د کې د کې
3. Replaced Compressor Mounting Studs IAW RSS 1046.	
<ol> <li>Repaired Oil Pump Drive Seal Bore And Flange IAW RSS 1051.</li> </ol>	
	AW RSS 1051.
6. Final Inspection.	
	nroved Data
Repair Salvage Schemes (RSS) 1012, 1046 And 1051 Are OEM Ap	proved Data.
All Records of Work Performed Are On File Under Work Order 4866	<u> 56.</u>
No Further Statements to Follow.	
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U.S. Departme			R AN	ID ALTER	ATION			2120-0020			
of Transportation Federal Aviation	on (Airfra	me, Powerpla	nt, F	Propeller,	or Appliance	e)	Office Iden	r FAA Use C	Dnly		
INSTRUCTIO	NS: Print or type al n of this form. This	l entries. See FAR 43 report is required by 01 Federal Aviation	12W (2	19 U S C 1421	ix B, and AC 43.9 ). Failure to repo	)-1 (or subsequer rt can result in civ	t revision the vil penalty not	reof) for instru- to exceed \$1	uctions ,000		
1. Aircraft	^{Make} Be	//			Model	2061-	3				
	Serial No. 573	-40			N	ity and Registrat ろ <i>このての</i>		·····			
2. Owner	Name (As show PHI	n on registration ce	rtifica	Ficate) Address (As shown on registration certificate) 2001 SE Evengeline Throway 29 faye He, 1.A. 70508-2156							
				3. For FAA	Use Only	/~ ) /					
				4. Unit Ider	tification			5. Type			
Unit	Ma	ake		Mode	2	Seria	l No.	Repair	Alteration		
AIRFRAME	~~~	~~~~~~	(As d	escribed in Ite	em 1 above) <b>~~</b>	~~~~~	~~				
POWERPLANT	Rolls R	оусе		250		CAE-8 CAC-9	95687- 11640	x			
PROPELLER											
APPLIANCE	Type Manufacturer										
				6. Conformity							
H-S Too	me and Address ol & Parts Inc 560 Simpson	•		Foreig	gency ertificated Mecha n Certificated Me		C. Certifi	icate No. 89-87			
D. I certify that t	nd, BC, V6X	2P9, Canada	e unit	Manufa (s) identified i	n item 4 above a	and described or		orottoohmo	nts hereto		
furnished her	aue in accordance	e with the requirement rrect to the best of n	ents o	t Part 43 of th	e U.S. Federal A	viation Regulati	ons and that	the informat	ion		
Date 30/Oct	/2006			Signature of C. Trsel	Authorized Indiv	/idual	m Fr				
Pursuant to the Administrator o	authority given pe f the Federal Avia	rsons specified bel tion Administration a	ow th	e unit identifie	turn To Service	inspected in the	manner pres	scribed by the	ə		
	it. Standards	Manufacturer		Inspection A		Other (Spe	əcify)				
	esignee	Repair Station	X	Person Appr Canada Airw	oved by Transpo orthiness Group	prt					
Date of Aprroval 30/Oct	•	Certificate or Designation No.		Signature of C. Trsek	Authorized Indiv		m. (140	* . \			
A Form 337		39-87		U. ITSEK	$( \land$	Stand Stand	my ( 140)	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.

#### 8. Description of Work Accomplished

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

## Description: Rolls Royce 250 Shroud Housing P/N 23063398, S/N MK16857

- 1. Spray Repaired Contour Using XPT 268 Coating IAW 14W3 72-30-00 Page 306 Item 2.
- 2. Final Machined Contour IAW 14W3 72-00-00 Page 402 Paragraph 1A.
- 3. Plasma Sprayed Aft Flange IAW 14W3 72-30-00 Page 306 Item 2.
- 4. Final Machined Aft Flange IAW 14W3 72-30-00 Page 306 Item 3.
- 5. NDT (FPI) IAW 14W3 72-00-00 Page 310 Item 2B.
- 6. Final Inspection.

All Records of Work Performed Are On File Under Work Order 45245. No Further Statements to Follow.

U.S. Depar of Transpo Federal Av Administra	rtation viation ation	(Airfran	ne, Po	REPAIR ANI owerplant, Pr	ope	lier, or A	appliance)	d AC 4	Form Approve OMB No. 212( 11/30/2007 13.9-1 (or s	0-0020 F	Electronic Tracking Number For FAA Use Only quent revision thereof) for	
instruction	s and disposi tion. (49 U.S.)	tion of this l	orm. Th	is report is require	d by l	aw (49 U.S.)	C, Sec. 44701). Fa	ailure t	o report ca	an res	ult in a civil penalty for each	
1. Aircraft	Nationa	اity and Reg N ک	istration					515	540			
	Make	BEL.	L				Model 206				L-3	
2. Owner		(As shown [4], I		tration certificate)		Address(As shown on registration certificate)Address $\mathcal{LOOI}$ SE $\mathcal{EVANGELINE}$ City $\mathcal{LAFAYETTE}$ State $\mathcal{LA}$ Zip $\mathcal{TO50B-2156}$ Country $\mathcal{USA}$						
					3. Fc	or FAA Use	Only					
4. T	vne				5 11-	nit Identific	ation					
Repair	Alteration	Unit		Make	5. 01	in laentine	Mod	del		Т	Serial No.	
		AIRFRAM	<u></u> Е		(As described in Ite				1 above)		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
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		APPLIAN	DE	Type Manufacturer								
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<u> </u>	s Name and			<u></u>	<u>в. к</u>	ind of Agen	cy cated Mechanic		· · · ·		Manufacturer	
	S Tool & Par 40-2560 Sim				X		ertificated Mecha	inic			ertificate No.	
City Ri	chmond X 2P9			BC			d Repair Station		entic -		39-87	
D. I certify have be	that the repa en made in a	ir and/or al	teration with the	made to the unit	f Part	entified in it 43 of the U	d Maintenance C em 5 above and 6 .S. Federal Aviat	descril	bed on the	e reve and t	erse or attachments hereto that the information	
Extended ra per 14 CFF App. B			Signat	ure/Date of Autho	orized		m (H-S				19/Jul/2012	
							ī To Service	1	1 to a to a		properties by the	
Pursuant t Administra	o the authori itor of the Fe	ty given pe deral Aviat	rsons s ion Adn	pecified below, th ninistration and is	ne uni 12	t identified i	n item 5 was insj /ED	CTED	ا 		prescribed by the	
BY FAA Fit. Standards Manufacturer					Maintenance Organization X					Persons Approved by Canadian Department of Transport		
	AA Designee	÷	Repair	Station	Inspection Authorization Other (Specify)							
Certificate Designation	or n No. <b>39-8</b>	7	Signat	ure/Date of Autho C. Trsek		Individual	An (H-S)	)	۲.	_	19/Jul/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.

	N231PH	, II.	9/8	113	
	Nationality and Registra			Date	
Description: Rolls Royce 250 Shroud Housing P/N 23056637, S/N MK16817				•	
Plasma Sprayed Aft Flange And Pilot Diameter IAW 14W3 Plasma Sprayed Contour IAW 14W3 72-30-00. Final Machined Contour IAW 14W3 72-00-00.	3 72-30-00 Page 30	2.			
Final Machined Aft Flange And Pilot Diameter IAW 14W3 Applied Alseal On Contour IAW 14W3 72-30-00. NDT (FPI) IAW 14W3 72-00-00.	72-00-00.	· .		•	
Final Inspection. Records of Work Performed Are On File Under Work Orde Further Statements to Follow.	er 68662.				
		<b>.</b>			
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Additional Sheets Are Attached

US Departmen of Transportation Federal Aviation Administration	ח חנ	-		R REPAIR AND Powerplant, Pro	-							pproved o, 2120-002 007	0	ectronic Tracking Numbe	er 
INSTRUCT	IONS: Print and dispos	sition of th	is form.	ies. See Title 14 CF . This report is requi											
	· · · · ·	y and Reg		n Mark				Serial 1 51	No. 1540				≜ kar	,	
1. Aircraft	Make Bell							Model	206				Seri L	ies L-3	
ļ	· ·		n rēgist	ration certificate)								gistration ce 2001		<i>ificate)</i> Evangeline Thru	way
2. Owner	PHI	mc.			City LafavetteState LA zip 70508-2156Country USA										
	_				3	<u>3. Fo</u>	r FAA Use	Only							
		F													
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Repair	Alteration	Un	it	Ma	ike	e		-		Mode	əl			Serial No.	
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		POWERI	PLANT												
		PROPEL	LER	Turno											
		APPLIAN	ICE	Type Manufacturer											
A. Agency's N	ame and A	ddress		6			ormity Stand of Agen								
Name <u>PHI, I</u>						7	U.S. Certific		nic			Mar	nufac	turer	
Address <u>P.O.</u> City Lafay		3		State LA			Foreign Cert Certificated I					C. Certif	icate	∋ No.	
·	<u>-0808</u> cou	untry USA			¥	-	Certificated			nization				HEER617E	
D. I certify have be	that the rep en made in	air and/or accordan	alterat	ion made to the unit the requirements of the best of my know	Ρa	art 43	of the U.S								ereto
Extended ranger 14 CFR P App. B	4		Signa	iture/Date of Authori:		す	AMes	K MC		ley				OCT 11	<b>20</b> 12
				ns specified below	-			ied in ite	m 5 v				e m	anner prescribed	by the
	A Fit. Stand			ninistration and is	Γ.					R(	ejecte Persor		ed bv	/ Canadian	
BY Ins	BY Inspector Manufacturer					Maintenance Organization         Department of Transport           Inspection Authorization         Other (Specify)									
Certificate or	A Designee	•X		air Station 		· .		orization							
Designation N	o. EER617E	,		er Dale B				Roger	Dr	He_	Bi	irche	tt	OCT 1	1 2012
FAA Form	37 (10.06)		- 1	_ / _				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.

	·	N231PH	┥ -││ -	OCT 1 1 201
		L Nationality and Regis	i L_	Date
	STC II	NSTALLATION		
stalled Aeronautical A struction Report num	Accessories Inc. Skylights ber AA-90021, Revision E	in accordance with STC ated April 2, 1998.	C SH1664SC	and Installation
· · · · · · · · · · · · · · · · · · ·		, <b>uned ripin 2</b> , 1990,		
ctual Weight and Bala	ance complied with.			
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Additional Sheets Are Attached

US Department of Transportation Federal Aviation	(Airframe, Powerplant	AND ALTERATIO		Form Approv OMB No. 21 For Office Identif	20-0020 FAA Use C	Dniy				
and disposit	ONS: Print or type all entries. See FAR 43 ion of this form. This report is required by th violation (Section 901 Federal Aviation	law (49 U.S.C. 1421). Fa								
1. Aircraft	Make BELL		Model 206L-3			<del></del>				
I. Anciali	Serial No.		Nationality and Registra	ion Mark						
	51540 Name (As shown on registration certific	cate)	N3207Q Address (As shown on re	aistration cer	(ificate)					
2. Owner	Fleet Credit Corporati		111 Westminster Street							
	1	3. For FAA Use Or								
· · · · · · · · · · · · · · · · · · ·		0. 101174 030 01	,							
· · ·						•				
. <del></del>		4. Unit Identification	n	5	. Туре	<u> </u>				
Unit	Make	Model	Serial		Repair	Alteration				
AIRFRAME	••••••••••••••••••••••••••••(As c	described in Item 1 abov	e)	~		X				
POWERPLANT			· ·							
PROPELLER		· · · · · · · · · · · · · · · · · · ·								
APPLIANCE	Туре									
	Manufacturer									
		6. Conformity Staten								
	ame and Address	B. Kind of Agency U.S. Certificated		C. Certific AIRFRAM		RPT.ANT				
	m Helicopters, Inc.	Foreign Certificated				LIMITED				
P.O.Box Lafavett	90808 :e, La 70509	X Certificated Rep		TRADIO C	LASS 1,	2, & 3				
D. Icertifyth	nat the repair and/or alteration made to the made in accordance with the requirement	Manufacturer e unit(s) identified in iten ents of Part 43 of the U.S	4 above and described or Ederal Aviation Regula	CRS NO.	attachmer	nts hereto				
furnished	herein is true and correct to the best of	my knowledge.	-							
Date I	1/ 07	Signature of Autho	rized Individual							
/	-16-92	UMI. L.	X-on	/	DAVIS					
	7.	Approval for Return To	Service			· · · · · · · · · · · · · · · · · · ·				
Pursuant to Administrato	the authority given persons specified by r of the Federal Aviation Administration a	elow, the unit identified and is XXAPPROVE			r prescribe	ed by the				
	Flt. Standards ector Manufacturer	Inspection Authoriza	tion Other (Specify	/)						
FAA	Designee X Repair Station	Person Approved by Canada Airworthines	s Group							
Date of Approv	Designation No	Signature of Author	1	,						
1-1	6-92 HEER617E	///- 7.	Harr	~ ~	DAVIS					

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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.

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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			- <u></u>						Form Appro		······	
		M	AJOR REPAIR	AND A	۱LTI	ERATION				2120-0020		
US Department of Transportation Federal Aviation Administration	(Airfra	amo	e, Powerplant,	Prop	elleı	r, or Applian	ce)		Office Iden	or FAA Use ( tification	Only	
and dispositi	on of this form.	. Ihi	entries. See FAR 4 s report is required 901 Federal Aviatio	1 bv la	w (4	9 U.S.C. 1421)	id AC 43 Failure to	9-1 (or subseque report can result	ent revision t in civil pena	thereof) for i	nstructions eed \$1,000	
	Make Bell		<u> </u>			··· ··· ···	Model 2	D6L-3	<u> </u>			
1. Aircraft	Serial No. 515	40					National N32070	ity and Registratic	on Mark			
2. Owner	Name (As sho Petroleum H	own Ielic	on registration ceri copters, Inc.	tificate)								
					3.	For FAA Use O	nly			····	<u> </u>	
		-										
					4. L	Jnit Identificati	on			5. Туре		
Unit	·	M	ake			Model		Serial	No.	Repair	Alteration	
AIRFRAME				(As des	scribe	ed in Item 1 abo	ve)——		-	×		
POWERPLANT									<u></u>			
PROPELLER												
	Туре											
APPLIANCE	Manufacturer											
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Petroleum Helico P. O. Box 90808	pters, Inc.					U.S. Certificated				HEER617E		
Lafayette, LA 705	509				×	Foreign Certifica Certificated Repa		hic		ame, Powerpl ccessories Lim		
· · · · · · · · · · · · · · · · · · ·						Manufacturer			- Ra	idio Class 1, 2	and 3	
			ration made to the unit									
Date	the requirements o	лга	rt 43 of the U.S. Feder	al Aviatio					rue and correct	t to the best of n	ny knowledge.	
					Joigi	nature of Author	_	. /				
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Dune						l for Return To	Servicé					
Administrator o	of the Federal A	n pe viat	rsons specified be ion Administration a	low, the and is	e unit	identified in item	4 was in R	EJECTED		bed by the		
BY BY	It. Standards		Manufacturer			ection Authoriza		Other (Specii	fy)			
		×	Repair Station		Can	son Approved by ada Airworthine	ss Group					
Date of Approva	or rejection		Certificate or Designation No.		Sigr	ature of Authori	,					
8-3-6	04		HEER617E		<	Tenul,	と、フ	Nelancon				
FAA Form 33	7 (12-88)		•	Elect	ronic V	ersion (Adobe)		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.

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 Aft. Lower Fuselage Fairing** Part Number: 206-033-310-123 Part Nomenclature: Fairing Assy. Serial Number: 04RL-085 N/A **Repair Number:** Work performed: Removed damage ground plate area from Fairing Assembly fabricated and installed Bell standard 150-021-8B doubler in accordance with Repair Number 04RL-085. 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 Form AE-100-1. CD-022 A. Gendron Designation Number: By DER: B3747 Serial Number: 7-27-04 Dated: Weight and Balance amended. 

Additional Sheets Are Attached

US Departmen of Transportatio Federal Aviati Administration	on on		PR REPAIR ANI Powerplant, Pro					)		Form Ap OMB No 11/30/20	o. 2120-002	Electronic Tracking Number For FAA Use Only	
instructions	and dispos	or type all entr ition of this form C. §46301(a))	ies. See Title 14 C . This report is requ	FF	₹§4 ed b	43.9, Part 43 ly law (49 U.	8 Appen S.C. §44	dix B, a 1701). Fa	nd AC ailure t	43.9- o repo	1 (or su ort can re	bsequent revision thereof) esult in a civil penalty for ea	for Ich
	1	y and Registratio	n Mark				Seria						
1. Aircraft	N320 Make	)7Q	·····			. <u></u>	Mode	51540				Series	
	Bell						MOUE	206				L-3	
	Name (As	s shown on regist	ration certificate)				Addr	ess (As	shown	on rec	gistration	certificate)	
2. Owner	PHI,	Inc								urand	e 2001	SE Evangeline Thruway	
z. Owner							City	Lafay	ette 3-2156			State <u>LA</u> ntry USA	
					2 5	or FAA Use	Zip	10500	5-2150	)	Cou	ntry USA	
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Repair	Alteration	Unit	M	ak	e	·····			Mode	el		Serial No.	
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		POWERPLANT											
		PROPELLER											
		APPLIANCE	Type Manufacturer										
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A. Agency's N Name PHI,		uu1855		+	<u>в</u> . ۴	Kind of Agen U. S. Certific		hanic			Ma	nufacturer	
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_{City} <u>Lafay</u>			State LA	Ŀ	$\checkmark$	Certificated I	Repair Sta	ation				HEER617E	
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per 14 CFR F App. B	'aπ 43		enel K.		V	1.10						6-13-12	
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	FAA Flt. Standards Manufacturer					Maintenance Organization				Persons Approved by Canadian Department of Transport			
	A Designee		air Station	Inspection Authorization Othe					Other (Specify)				
Certificate or Designation N	lo. EER617E		ature/Date of Author						Ter	ve 11	K. N	Arlancon	
FAA Form		$\neg \neg \langle$	enell t.	ŗ,	V k	Khnc	White and to					6-13-12	

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	Accom	plished	

(If more space is required, attach	additional sheets. Identify with aircraft n	ationality and registration m	ark and date w	vork completed.)
		N3207Q		6-13-12
		Nationality and Registr	ation Mark	Date
	Structural	Repair		
	Aft. Lower Shell As	ssembly Repair	ir	
Part Nomenclature:	Lower Shell Assembly	Part Number:	206-	033-099-225
Repair Number:	PHI-206L-RP-0212 Revision IR.	-	ł	
-	Cut out damaged portion of f mer doubler & damaged			•
.032" thick inner double	glass inner edging to upper er, .020" thick inner edge f r skin doubler using mater	iller, .020" thick in	nner edge	doubler and 3
_	according to the manufact pair exceeded the limits as s	÷		repair manual,
Approval received for th	nis repair according to data a	pproved on FAA F	orm 8110	-3.
	<u>1. Howard, Jr.</u> Designation			710134-SW
Dated: March	<u>1 30, 2012</u> 8110-3 Seri	al Number:	120	03-85
Weight and Balance Neg	gligible.			
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an	nd dispo	osition of this fo	rm. Ti	all entries. See FAR his report is required on 901 Federal Aviat	l by law	(49	U.S.C. 1421). Fa	nd AC 43 ilure to re	.9-1 (or s eport can	ubsequer result in a	nt revision 1 a civil pena	thereof) for i lity not to ex	nstructions ceed \$1,000
		Make Be	ell					Model	20	6L-3			
1. A	ircraft	Serial No.	5154	10				Nationa		Registratio	on Mark		
2. 0	wner	Name (As :		n on registration cer eet Credit Corp				Address	(As sho 57	wn on reg 28 Jeffe		ertificate) wy #2350 70123-5	
						3.	For FAA Use Or	ly					
	a												
	1.1				<del></del>	4. 1	Unit Identificatio	on				5. Type	1
	Unit		M	ake			Model			Serial No	). 	Repair	Alteration
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PROF	PELLER												
APPL	IANCE	Type Manufactur		-									
		Manufactur											
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		eum Helicop		Inc.		D.	Kind of Agency	Mechanic			C. Certif Airframe	Powerplant, a	nd
		ox 90808					Foreign Certifica	ted Mecha	nic	·	Accessor	ies Limited - R	adio Class
Ι	afaye	tte, LA 705	509		Ľ	X	Certificated Repa	air Station			1, 2, and	3 - CRS No. H	IEER617E
	have b	een made in acc	corda	or alteration made to nce with the require correct to the best of	ments o	of Pa	identified in item art 43 of the U.S	4 above a Federal	and desc Aviation	ribed on th Regulatio	ne reverse ons and that	or attachme at the inform	nts hereto ation
Date							nature of Author	ized Indi	vidual				
		3-29-	20	900			Some	ld l	ß	ion	an	J	
	••••						al for Return To						
Pur Adr	suant f	to the authority ator of the Fede	give ral Av	n persons specified iation Administratio	below, n and is	the	unit identified	in item 4	was ins	pected in	the manr	ner prescribe	ed by the
BY		A Fit. Standards spector	3	Manufacturer	h	nspe	ection Authorizat	ion	Other	(Specify)			
		A Designee	x	Repair Station	C	Cana	on Approved by T ada Airworthiness	Group					
	•••	oval or Rejection	n	Certificate or Designation No. HEER617E	S	Sign	ature of Authori			י ארי	ns	2	

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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

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

-END-

Installed Aluminum Entrance Step manufactured by Aeronautical Accessories according to STC SH1322SO.

Additional Sheets Are Attached

US Departm	ent		MAJOR REPAIR							ОМ	n Approved 3 No. 2120-00 0/2007	Electronic Tracking Number For FAA Use Only
of Transport Federal Avi Administrat	ation Ation	(Airfra	me, Powerplant,	Pro	pe	elle	, or App	liance)			·····	
instructio		sition of th	is form. This report is									ubsequent revision thereof) for result in a civil penalty for each
		-	gistration Mark					Serial N				
1. Aircraft	N320 Make	)7Q						51 Model	540			Series
	Bell								206			L-3
	Name (A	s shown o	n registration certifica	te)								n certificate)
2. Owner	PHI,	Inc.									ince 200	1 SE Evangeline Thruway
									<u>_afaye</u> '0508	-2156	Cc	State LA untry USA
	I				3.	. Fo	FAA Use				00	
4. T	уре				5.	. Un	it Identific	ation				
Repair	Alteration	Un	lit	Ма	ke	9				Model		Serial No.
	$\checkmark$	AIRFRAI	ME					(As de	scribe	d in Item	1 above)	
		POWER	PLANT									
		PROPEL										
			Туре									
		APPLIAN	Manufacturer									
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	<u>, Inc.</u> ), Box 90808							ated Mechar				
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per 14 CFR App. B	Part 43			1.1	de la constanción de la constanci de la constanción de la constanción de la constanc				,-			
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	AA Flt. Stand	lards	Manufacturer		N	Main		ganization			sons Appro partment of	oved by Canadian Transport
BY F	AA Designee	x	Repair Station		lr	Inspe	ection Auth	orization		Other (S		
Certificate of Designation			Signature/Date of A			ø		, <b>.</b>	1	ervell	K. Whe	Hucon
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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.

For Structural Substantiation, Antenna Mount – Bell Helicopter Model 206L Rotorcraft. Refer to Report 9952-1,         Revision IR, dated 6-16-12         Approval for this alteration received on a FAA Form 8110-3.         By DER       Roland M. Howard, Jr., PE         Designation Number       DERT-710134-SW         Dated       7-11-12		nationality and registration mark and date work completed.)
Internating and Registration Mark       Date         Alteration         Contract of the second seco		N3207Q 7-25-12
Arricated and installed Antenna Mount on a Composite Battery Door for a Bell Model 206L Series in accordance with Document PHI-206-60798, Revision, IR, dated -6-12. The Structural Substantiation, Antenna Mount – Bell Helicopter Model 206L Rotorcraft. Refer to Report 9952-1, tevision IR, dated 6-16-12. Approval for this alteration received on a FAA Form 8110-3. By DER Roland M. Howard, Jr., PE Designation Number DERT-710134-SW Dated 7-11-12 8110-3 Serial Number 1207-20 Actual Weight and Balance performed.		
A shricated and installed Antenna Mount on a Composite Battery Door for a Bell Model 206L Series in accordance with Document PHI-206-60798, Revision, IR, dated -6-12. The stallation of Battery Door Safety Clip in accordance with Document PHI-206-60798, Revision, IR, dated -6-12. A structural Substantiation, Antenna Mount – Bell Helicopter Model 206L Rotorcraft. Refer to Report 9952-1, tevision IR, dated 6-16-12. A structural Substantiation received on a FAA Form 8110-3. By DER Roland M. Howard, Jr., PE Designation Number DERT-710134-SW Dated 7-11-12 8110-3 Serial Number 1207-20 Actual Weight and Balance performed.		
Arricated and installed Antenna Mount on a Composite Battery Door for a Bell Model 206L Series in accordance with Document PHI-206-60798, Revision, IR, dated -6-12. The Structural Substantiation, Antenna Mount – Bell Helicopter Model 206L Rotorcraft. Refer to Report 9952-1, tevision IR, dated 6-16-12. Approval for this alteration received on a FAA Form 8110-3. By DER Roland M. Howard, Jr., PE Designation Number DERT-710134-SW Dated 7-11-12 8110-3 Serial Number 1207-20 Actual Weight and Balance performed.	Altero	ntion
Pabricated and installed Antenna Mount on a Composite Battery Door for a Bell Model 206L Series in accordance with Document PHI-206L-PS-0111, Revision IR, dated 9-29-2011.  nstallation of Battery Door Safety Clip in accordance with Document PHI-206-60798, Revision, IR, dated -6-12.  For Structural Substantiation, Antenna Mount – Bell Helicopter Model 206L Rotorcraft. Refer to Report 9952-1, tevision IR, dated 6-16-12  Approval for this alteration received on a FAA Form 8110-3. By DER Roland M. Howard, Jr., PE Designation Number DERT-710134-SW pated 7-11-12 8110-3 Serial Number 1207-20  Actual Weight and Balance performed.  END	1 10001 0	
vith Document PHI-206L-PS-0111, Revision IR, dated 9-29-2011. Installation of Battery Door Safety Clip in accordance with Document PHI-206-60798, Revision, IR, dated -6-12. For Structural Substantiation, Antenna Mount – Bell Helicopter Model 206L Rotorcraft. Refer to Report 9952-1, tevision IR, dated 6-16-12 Approval for this alteration received on a FAA Form 8110-3. By DER Roland M. Howard, Jr., PE Designation Number DERT-710134-SW 2010 7-11-12 8110-3 Serial Number 1207-20 Actual Weight and Balance performed. END	Installation of Antenna Mount	t on Composite Battery Door
-6-12. for Structural Substantiation, Antenna Mount – Bell Helicopter Model 206L Rotorcraft. Refer to Report 9952-1, Revision IR, dated 6-16-12 Approval for this alteration received on a FAA Form 8110-3. By DER Roland M. Howard, Jr., PE Designation Number DERT-710134-SW Dated 7-11-12 8110-3 Serial Number 1207-20 Actual Weight and Balance performed. END		
Revision IR, dated 6-16-12         Approval for this alteration received on a FAA Form 8110-3.         by DER       Roland M. Howard, Jr., PE         Designation Number       DERT-710134-SW         Dated       7-11-12         8110-3 Serial Number       1207-20	nstallation of Battery Door Safety Clip in accordance with 5-6-12.	n Document PHI-206-60798, Revision, IR, dated
By DER       Roland M. Howard, Jr., PE       Designation Number       DERT-710134-SW         Dated       7-11-12       8110-3 Serial Number       1207-20         Actual Weight and Balance performed.       END		copter Model 206L Rotorcraft. Refer to Report 9952-1,
Pated 7-11-12 8110-3 Serial Number 1207-20 Actual Weight and Balance performed.  END		
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	U.S. Department of Trans Federal Aviation Admini	sponation	1. Date
STATEMENT	OF COMPLIANCE WITH A	VIRWORTHINESS STANDARDS	JUL 11 2012
	Aircraft or Aircraft C	omponent Identification	L
2. Make	3. Model No.	4. Type (Airplane, Radio, Helicopter, etc.)	5. Name of Applicar
BELL HELICOPTER TE			
CANADA LIMITED	206L-3	HELICOPTER	PHI, INC.
6. Identification	T		
		7. Title	
PHI, INC.			
DWG. PHI-206-607 REV. IR, 06-06-12	/98, 206L COI	MPOSITE BATTERY DOOR SAFETY CLIP I	NSTALLATION
DOC. PHI-206L-PS REV. IR, 09-29-11		AND SKETCH DATA FOR ANTENNA MOU POSITE BATTERY DOOR IN A BELL MODE TER	NT, INSTALLED L 206L SERIES
AERODESIGN AIR	 CRAFT ENG., INC.		
REPORT 9952-1, REV. IR, 6-16-12	STRUCT	URAL SUBSTANTIATION, ANTENNA MOUN TER MODEL 206L ROTORCRAFT	T - BELL
		STRUCTURAL APPROVAL ONLY	
		only for Bell Model 206L-3, S/N 51540.	
	demonstrates c listed below as 2. This form co	al is for design data only. It indicates the data compliance only with the regulations specified "Applicable Requirements." onstitutes FAA approval of all the engineering of compliance to necessary requirements for the ta.	by paragraph data necessary for
8. Purpose of Data	SUPPORT OF MAJOR AL	TERATION FOR S/N 51540.	
	THIS APPROVAL IS FOR	ENGINEERING DESIGN DATA ONLY	
9. Applicable Requi		ons)	
27.603(a)(b)(c)[ In accordance w certification bas 0. CERTIFICATION and limitations of ap (none) have been	as 27.301(a)(b)(c), 27.303, 1 16], 27.605(a)[16], 27.607( vith 14 CFR Part 27 with an is per TCDS H2SW (CAR 6 I - under authority vested b opointment under 14 CFR	ons) 27.305(a), 27.307(a)[3], 27.337(a), 27.601(a), b)[4], 27.609(a)(b), 27.613(a)(b)(c)(d)[16], 27. nendments 27-1 through 27-24, exceeding the 6). All are at amdt. 27-0 unless noted as [*], w y direction of the Administrator and in accorda Part 183, data listed above and on attached s vith the established procedures and found to c	625(a)(c). e original /here * is amdt. level. ance with the conditions heets numbered
14 CFR Section 27.603(a)(b)(c)[ In accordance w certification bas 0. CERTIFICATION nd limitations of ap (none) have been equirements of the A	as 27.301(a)(b)(c), 27.303, 1 16], 27.605(a)[16], 27.607( with 14 CFR Part 27 with an is per TCDS H2SW (CAR e I - under authority vested b popointment under 14 CFR examined in accordance w inworthiness Standards list	ons) 27.305(a), 27.307(a)[3], 27.337(a), 27.601(a), b)[4], 27.609(a)(b), 27.613(a)(b)(c)(d)[16], 27. nendments 27-1 through 27-24, exceeding the 6). All are at amdt. 27-0 unless noted as [*], v y direction of the Administrator and in accorda Part 183, data listed above and on attached s with the established procedures and found to c ed.	625(a)(c). e original /here * is amdt. level. ance with the conditions heets numbered
14 CFR Section 27.603(a)(b)(c)[ In accordance w certification bas 0. CERTIFICATION and limitations of ap (none) have been equirements of the A	as 27.301(a)(b)(c), 27.303, 16], 27.605(a)[16], 27.607( vith 14 CFR Part 27 with an is per TCDS H2SW (CAR of I - under authority vested by opointment under 14 CFR examined in accordance w irworthiness Standards lister Recommend an X Approve these	ons) 27.305(a), 27.307(a)[3], 27.337(a), 27.601(a), b)[4], 27.609(a)(b), 27.613(a)(b)(c)(d)[16], 27. nendments 27-1 through 27-24, exceeding the <u>6). All are at amdt. 27-0 unless noted as [*], v</u> y direction of the Administrator and in accorda Part 183, data listed above and on attached s vith the established procedures and found to c ed. approval of these data data	625(a)(c). e original /here * is amdt. level. ance with the conditions heets numbered
14 CFR Section 27.603(a)(b)(c)[ In accordance w certification bas 0. CERTIFICATION and limitations of ap (none) have been equirements of the A	as 27.301(a)(b)(c), 27.303, 1 16], 27.605(a)[16], 27.607( with 14 CFR Part 27 with an is per TCDS H2SW (CAR e I - under authority vested b popointment under 14 CFR examined in accordance w inworthiness Standards list	ons) 27.305(a), 27.307(a)[3], 27.337(a), 27.601(a), b)[4], 27.609(a)(b), 27.613(a)(b)(c)(d)[16], 27. nendments 27-1 through 27-24, exceeding the 6). All are at amdt. 27-0 unless noted as [*], w y direction of the Administrator and in accorda Part 183, data listed above and on attached s with the established procedures and found to c ed. approval of these data data	625(a)(c). e original <u>where * is amdt. level.</u> ance with the conditions heets numbered comply with applicable
14 CFR Section 27.603(a)(b)(c)[ In accordance w certification bas 0. CERTIFICATION and limitations of ap (none) have been equirements of the A	as 27.301(a)(b)(c), 27.303, 1 16], 27.605(a)[16], 27.607( with 14 CFR Part 27 with an is per TCDS H2SW (CAR ( 1 - under authority vested by pointment under 14 CFR examined in accordance w inworthiness Standards list Recommend a X Approve these esignated Engineering Rep	ons) 27.305(a), 27.307(a)[3], 27.337(a), 27.601(a), b)[4], 27.609(a)(b), 27.613(a)(b)(c)(d)[16], 27. nendments 27-1 through 27-24, exceeding the <u>6). All are at amdt. 27-0 unless noted as [*], v</u> y direction of the Administrator and in accorda Part 183, data listed above and on attached s vith the established procedures and found to c ed. approval of these data data	625(a)(c). e original <u>where * is amdt. level.</u> ance with the conditions heets numbered comply with applicable
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US Department of Transportation Federal Aviatio	ı		OR REPAIR ANI Powerplant, Pro					pproved o. 2120-002 0007	Electronic Tracking Number
instructions	and dispos	t or type all en ition of this for .C.§46301(a))	tries. See Title 14 C m. This report is requ	FR ired	§43.9, Part 43 by law (49 U.	3 Appendix B, and A S.C. §44701). Failure	C 43.9- e to repo	-1 (or sul ort can re	bsequent revision thereof) sult in a civil penalty for e
		y and Registrat	ion Mark			Serial No.			
1. Aircraft	N231	PH		51540					
	Make Bell					Model 206			Series L-3
	Name (As	s shown on rea	istration certificate)			Address (As show	In on re	nistration	
2. Owner	PHI,	-	· · · · · · · · · · · · · · · · · · ·			Address Quality As			SE Evangeline Thruwa
2. Owner	}					city <u>Lafayette</u> _{Zip} 70508-21	56	Cour	State <u>LA</u> htry USA
				3.	For FAA Use	-*			
					·				
4. Type	e i			5.	Unit Identific:	ation			
Repair	Alteration		Ma	ake		Mo	del		Serial No.
		AIRFRAME				(As described in	ltem 1 a	bove)	
									·
		POWERPLAN	T						
		PROPELLER							
			Туре	•					
		APPLIANCE	Manufacturer						
			6	i. Co	onformity Stat	tement			<u> </u>
A. Agency's Na	ime and Ad	idress	· · · · · · · · · · · · · · · · · · ·	_	Kind of Agend				
Name <u>PHI, In</u> Address <u>P, O, E</u>				$\vdash$	~	ated Mechanic			ufacturer
city Lafaye			State LA	5		ficated Mechanic		C. Certifi	
^{zip} 70509-0	0808_cour	ntry USA				laintenance Organizatio	n		HEER617E
have bee	n made in a	accordance wit	ation made to the unit h the requirements of to the best of my know	Part	t 43 of the U.S				erse or attachments hereto t the information
		Sigr	Tature/Date of Authoriz	zed	Individual		vso	n	OCT 1 8 2012
per 14 CFR Pa							./ +		
per 14 CFR Pa App. B Pursuant to	the author		7. Ap	pro\	val for Return e unit identifi	to Service ed in item 5 was i		ed in the	manner prescribed by
Administrator FAA	the author	eral Aviation Ac	7 Ap	prov , the	val for Return e unit identifi	to Service ed in item 5 was Approved 1 ganization	inspecte Rejected Person Depart	ed in the 1 s Approve ment of Tra	d by Canadlan
Pursuant to Administrator Administrator	the author of the Fede Fit. Standa	ards Ma	7 Ap ons specified below Iministration and is	prov , the Ma	val for Return e unit identifi v	to Service ed in item 5 was Approved 1 ganization Othe	inspecte Rejected Person	ed in the 1 s Approve ment of Tra	

escription of Work Accomplished f more space is required, attach add	itional sheets. Identify	with aircraft natio	nality and registration	mark and date	work com	pleted.)
			N231P	н ,	1001	8 2012
			Nationality and Reg	istration Mark		Date
	S	<b>FC INSTA</b>	LLATION			
<ol> <li>Installed Bell Helicopt SH1990SO and Aerona Revision L, dated Apri Revision P, dated Sept</li> </ol>	autical Accessori 1 14, 2004, AA-8	es, Inc. Insta	llation Instructio	n Reports r	umber .	AA-86010,
Actual Weight and Balance	e complied with.		<u>7</u> 7			
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0		MAJOR	RE	PAIR AND	) Al	LTE	ERATIO	N		OMB No. 2120-0020 11/30/2007			
US Department of Transportation Federal Aviation Administratio	n	rframe, Pov		-								For FAA Use Only	
INSTRUC for instruc	TIONS: Print tions and di	t or type all entr sposition of this violation (49 U.S	s foi	m. This repo	CFR rt is	§43 req	8.9, Part 43 uired by I	3 Appendix B aw (49 U.S.C	8, aı 2. § [,]	nd AC 43.9-′ 44701). Fail	l (or ure 1	subsequent revision thereof) to report can result in a civil	
<u> </u>		and Registration N	/lark					Serial No. 51540					
1. Aircraft	Make							Model				Series	
	Bell			(1 <del>1)</del> (1)		206 L-3 Address (As shown on registration certificate)							
2. Owner		shown on registra I, Inc.	tion (	ertificate)				Address         Quality Assurance 2001 SE Evangeline Thruws           City         Lafavette         State         LA					
					Zip 7 <u>0508-2156</u> Country USA								
					3.	For	FAA Use	Only					
4 1	Гуре	I					5. U	nit Identificat	tio	n			
					Males	-			Мо			Serial No.	
Repair					Make M					uei		Genariuo.	
		AIRFRAME						(As described	d in	Item 1 abov	ve)		
		POWERPLAN	IT										
		PROPELLER											
		APPLIANCE		Туре									
				Manufacture	er								
				L	6. C	onfo	ormity Sta	itement					
	's Name and		70		B. I		of Agenc	/ ted Mechanic				Manufacturer	
Name Address		LICOPTER TEX						ficated Mechar	nic		C. (	Certificate No.	
City Zip	LAFAYET 70507	TE S	tate .S.A	LA	X	Ce	ertified Rep			ation		S B1H2300N Limited Airframe nited Specialized Services	
D. I certi have	fy that the rep	pair and/or altera	tion h the	made to the u	s of F	) ide Part 4	ntified in ite 43 of the U	em 5 above an	nd d	escribed on t	he re	everse or attachments hereto Id that the information	
Extended per 14 CFI App. B	range fuel R Part 43		Sig	nature/Date o	f•Au رٌ	thor	ized, Indivi 3/ 11	dual					
				7.	Apr	orov	al for Ret	urn To Servio	ce				
Pursuant Administra	to the author ator of the Fe	ity given persor ederal Aviation	ns s Adm	pecified below	v, the d is	e uni	it identified	l in item 5 was APPROVED	is ir C	spected in t	he m ED	nanner prescribed by the	
ВΥ	FAA Flt Inspecte	. Standards or		Manufactur	er		Mainten	ance Organiza	atic	'n		Persons Approved by Canadian Department of Transport	
	FAA De	signee	Х	Repair Stat	ion		Inspection	on Authorizatio	on	C	Other	(Specify)	
Certificate Designation			Sig	nature/Date of		ithor	rized Indiv	dual , ,					
B1H2300			GR		IEL	/-	,X//	3/27/1					

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.)

30-2<u>012</u> N231PH Nationality and Registration Mark Date NOMENCLATURE: AUX FIN ORIGINAL PART NUMBER: 206-023-126-101 **UPGRADED TO PART NUMBER: 206-023-126-111** SERIAL NUMBER: BP0000149 WORK ORDER NUMBER: W164933AA OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH BELL HELICOPTER TEXTRON, INC. 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------END-------

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US Department of Transportation		(Air			t, Propeller, o		ce)		. 2120-0020 For FAA Use	Only			
Federal Aviation					·	-	-		entification	J			
Administration	IS: Print or type	all e	ntries. See FAR 4	3.9 F/	AR 43 Appendix B,	and AC 43 9	-1 (or subsequ	ent revisi	on thereof) fo	rinstructions			
and disposition	of this form. Th	is re	port is required by ederal Aviation Ac	law (4	9 U.S.C. 1421). Fa	ilure to repoi	t can result in	a civil per	nalty not to ex	ceed \$1,000			
	Make		Bel		<u></u>	Model		206L-3					
1. Aircraft	Serial No.		5154	0		Nationality a	and Registration	NB1207Q					
	Nome (As al			4-1					· · · · · · · · · · · · · · · · · · ·				
	Name (As sh	owno	n registration certifica Petroleum H		pters. Inc.	ation certifi Cvangelii		7					
2. Owner					pters, Inc. 2001 SE Evangeline Thruway Lafayette, LA 70508-2156								
	J				3. For FAA Use O	nly	· · · · · · · · · · · · · · · · · · ·						
						,							
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			· •										
					4. Unit Identificat	ion			5. Type				
Unit		Mak	e ·		Model		Serial No	<b>)</b> .	Repair	Alteration			
AIRFRAME			~~~~~ (A	s desc	cribed in Item 1 abo	ve) ~~~~~-				x			
POWERPLANT				:			· · · · · · · · · · · · · · · · · · ·						
PROPELLER	-						· · · · · · · · · · · · · · · · · · ·						
	Туре												
APPLIANCE									-				
	Manufacturer												
	<b>_</b>			6.	Conformity Stater	nent				[			
A. Agency's Nar	me and Address	;			B. Kind of Agency			C. Cert	ificate No.	,			
	ACADIAN CO		OITEO		U.S. Certificat				H2300N	<u> </u>			
301	W. PONT DES I				Foreign Certif X Certified Repa				ED AIRFRAN D SPECIALI				
	LAFAYETT				Manufacturer	· · ·		SERVI	CES				
hereto have	e been made in a	acco	rdance with the re	quirem	(s) identified in item nents of Part 43 of t st of my knowledge	he U.S. Fede	d described on eral Aviation Re	the rever egulations	se or attachn s and that the	nents			
Date	6.3	·			Signature of Auth		dual						
	<u> </u>			Appr	oval for Return To	Service							
					unit identified in iter			anner pre	scribed by the	Э			
FAA F Inspec	Fit. Standards		Manufacturer		Inspection Author	ization	Other (Spec	ify)					
	Designee	x	Repair Station		Person Approved Transport Canada Airworthiness Gro	a		1	1				
Date of Approva	-		Certificate or		Signature of Auth	orized Individ	dual	/	//				
6.30	1-04		Designation No. B1H2300N		JIMMIE MELANO	ON	Hu	The.	~				

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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.)

NOMENCLATURE: AUX FIN ORIGINAL PART NUMBER: 206-023-126-101 UPGRADED TO PART NUMBER: 206-023-126-111 SERIAL NUMBER: WORK ORDER NUMBER: W43033AA

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

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an	d dispo	TIONS: Print or t sition of this form uch violation (Se	i. Thi	s report is r	equired by	/law	(49 L	J.S.C. 1421). Fa	nd AC 43.9- ilure to repo	l (or subseque rt can result in	nt revision a civil pena	thereof) for ir alty not to exc	nstructions eed \$1,000
		Make	Bell						Model	206L-3			
1. A	rcraft	Serial No.	5154	40					Nationality	and Registrat N32070			· · · · · · · · · · · · · · · · · · ·
2. 0	wner	Name (As sh	own	-	tion certifi Credit C				Address (A	s shown on re 111 We	gistration o stminster		
								· ·		Provide	nce, RI	02903	<u></u>
							3. F	or FAA Use O	nly				
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		······································					4. L	Jnit identificati	on			5. Type	
	Unit		Ma	ke				Model		Serial N	<b>l</b> o.	Repair	Alteration
AIRFI	RAME	~		••••••	As	desc	ribed	l in Item 1 abo	(e) •••••••	********	▲ ¹ · · · · · · · · · · · · · · · · · · ·		X
POWI	ERPLAN	T			· · · ·								
PROF	ELLER										· · ·		
		Туре				<u> </u>							
APPL	IANCE	Manufacture	r			•	-						
						6		nformity State				: <i>6</i> :	
		Name and Addr		· · · · · · · · · · · · · · · · · · ·			В.	Kind of Agency				ificate No. e, Powerplant, a	
		Im Helicopte	rs, I	nc.				Foreign Certific		c		rics Limited - R	
		x 90808 te, LA 70509	9				X	Certificated Re Manufacturer	pair Station			d 3 - CRS No. 1	
	I certif	y that the repair a sen made in acc ed herein is true	nd/o ordai	nce with the	e requirem	ents	of P	identified in ite art 43 of the U.	m 4 above an S. Federal A	d described or viation Regula	the revers tions and t	e or attachme hat the inforr	ents hereto nation
Date		or 18,1						nature of Auth	Dized Individ	dual			
								al for Return T			-		
Pu Ad	rsuant ministr	to the authority ator of the Feder	give al Av	n persons s iation Adm	specified I inistration	and	v, the	unit identifie	d in item 4 v D □ RE.	was inspected	in the ma	nner prescrit	bed by the
D.V		AA Flt. Standards spector		Manufactu	rer		Insp	ection Authoriz	ation	Other (Specify	()		
BY	F	AA Designee	x	Repair Sta	tion			on Approved by ada Airworthine				·	
		oval or Rejection		Certificate Designation HEE	or on No. R617E		Sigi	Tol	orized Individ				

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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 baggage compartment extender manufactured by Aeronautical Accessories according to STC SH227WE.

END

									4	Flastrania Tracking Number
		MAJOR	REPAIR AN	D A	LT	ERATIC	N	Form Approved OMB No. 2120-0020 11/30/2007	a	Electronic Tracking Number
US Department of Transportation Federal Aviation Administrati	n (A	irframe, Po	werplant, Pro	ope	ller	r, or Ap	pliance)			For FAA Use Only
INSTRUC	CTIONS: Prin ctions and d	isposition of thi								subsequent revision thereof) to report can result in a civil
		/ and Registration I	Mark				Serial No. 51540			
1. Aircraf		sell					Model 206			Series L-3
	Name (A	s shown on registra	ation certificate)					own on registrati		ertificate) 01 SE Evangeline Thruway
2. Owner	F	PHI, Inc.					City Lafa	vette		StateA
				3.	For	r FAA Use	Only			
4.	Туре					5. U	nit Identificatio	n		
Repair	Alteration	Unit		Make	e		Ма	odel		Serial No.
		AIRFRAME					(As described i	n Item 1 abov	e)	
		POWERPLAN	IT		<u></u>					
		PROPELLER		- 44.4						
		APPLIANCE	Туре							
			Manufacture	er						
	1			6. C	onfo	ormity Sta	itement			· · · · · · · · · · · · · · · · · · ·
A. Agency Name	's Name and	Address COMPOSITES		B. I		of Agency	/ ted Mechanic			Manufacturer
Address		NT DES MOUT					icated Mechanic		<u>C.</u> C	Certificate No.
City Zip	LAFAYET 70507		ate LA S.A.	X		rtified Rep rtified Mair	air Station Itenance Organiz			B1H2300N Limited Airframe ited Specialized Services
have	been made in	accordance with	tion made to the u h the requirements to the best of my l	s of P	Part∤	43, of the U	m 5 above and c S. Federal Aviati	lescribed on th on Regulation	ie re s an	verse or attachments hereto d that the information
Extended per 14 CFI App. B			Signature/Date c	f Au	thori		duar 18/18			
	• • • • • • • • •		7.	App	orov	al for Ret	urn To Service			
Pursuant Administra	to the authori ator of the Fe	ty given person deral Aviation A	s specified below	, the d is	e uni	it identified		spected in th		anner prescribed by the
BY	FAA Flt. Inspecto	Standards r	Manufacture	er		T	ince Organizatio			Persons Approved by Canadian Department of Transport
	FAA Des	<u> </u>	X Repair Stati			1 7	n Authorization	Ot	ther	(Specify)
Certificate Designatio B1H2300I	on No.		Signature/Date o		thori			W.		
	rm 337 (10-06)					$\eta \sim$	160			

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NOTICE				
Weight and balance or operating limitation changes shall be entered	ed in the appro	priate aircraft reco	ord. An altera	tion must be
compatible with all previous alterations to assure continued conformity	y with the appli		Stequienci	
8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft national	ality and registrati	on mark and date wo	ork completed.)	
٦	POT N	231PH	8-3	0-2012
L		nd Registration Mark		Date
NOMENCLATURE: BAGGAGE COMPT FWD WALL ORIGINAL PART NUMBER: 206-032-125-175 SERIAL NUMBER: BP36 WORK ORDER NUMBER: W113503AA OVERHAULED PANEL MENTIONED ABOVE IN AC FAA APPROVED OVERHAUL PROCEDURE NUMI 11/3/99.	CORDAN	CE WITH AC <i>I</i> 50-OP-018, F	ADIAN CO REVISION	MPOSITES A, DATED
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Additional Sheets are Attached

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Q		MAJOR I	REPAL	R Al	ND ALTERA	TION		OMB No. 2120-0020		
US Department of Transportation	(A	Airframe, Pow	/erplar	nt, P	ropeller, or	Appli	ance)			Only
Federal Aviation			•	-	• •	••		Office	For FAA Use Identification	Only
Administration	S: Drint or type of	Lantrian Can FAF	2 42 0 5	40.40	Annella		0.0.1 (	L		
and disposition	of this form. This	l entries. See FAF report is required Federal Aviation	by law (	49 U.S	S.C. 1421). Faili	nd AC 4 ure to re	9.9-1 (or subseq eport can result in	a civil	penalty not to ex	r instructions ceed \$1,000
	Make Bell					Model	206L-3			
1. Aircraft	Serial No.	51540				Nationa	lity and Registration	Mark	N3207Q	
	Name (As show	n on registration certi	ficate)			Address	(As shown on regis	tration ce	rtificate)	
2. Owner	Petrole	um Helicopt	ers In	nc.			) 01 SE Evan afayette La			
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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: BAGGAGE FLOOR ORIGINAL PART NUMBER: 206-031-313-159 UPGRADED TO PART NUMBER: 206-031-313-199 SERIAL NUMBER: WORK ORDER NUMBER: W43867AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-003, REVISION A, DATED 10/20/99 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)

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2. Owner	fleet	Capital Corpo	ratio	5728 Jefferson Hwy # 23502 New Orleans, LA 70123-5-113								
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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.)

Description: Bell Case Assembly

P/N 206-040-531-105, S/N A-8

1. Repaired 13 Corroded Bolt Holes IAW RSS 3469 Issue 2, Log#00-0772.

2. NDT (FPI) IAW Bell SPM 6-00-00 Para 6-4.

3. Final Inspection.

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Repair Salvage Scheme (RSS) 3469 is FAA/Transport Canada Approved.

All Records of Work Performed are on file under Work Order 22702.

No Further Statements to Follow.

ENStalled ON 2066 Series TRANS P/N 206-040-004-107 SIN B-51711 TT 10167:00 TSI -0-TSO - 1591:15

# NOT INSTALLED

Additional Sheets Are Attached

								Form Appr OMB No. 1	oved 2120-0020	
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	Make Bell					Model 20	6L-3			
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	Name (As show	n on registration cer	rtificate)	)		-	(As shown on re	nistration c	ertificate)	
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	h the requirements of F	Part 43 of the U.S. Fede	ral Aviatio					rue and correc	t to the best of r	ny knowledge.
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			7. App	prova	for Return To	Service				
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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.) B. F. Goodrich SKY497 Skywatch Traffic Advisory System No equipment removed for this installation. 1. Installed the following avionics components: 2. Description Station/Location C/B. MFG Type B. F. Goodrich **TRC-497** Trans/Receiver Computer 156.00/Aft bag. Comp. 5.0 amp 87.00/ Aft Servo Cowling N/A B. F. Goodrich NY-164 **Directional Antenna** 38.00/ Instrument panel N/A B. F. Goodrich WX-1000 Display 3. All Avionics circuit breakers are located in the aircraft manufacturer's supplied panels and are appropriately labeled. All wire used is MIL-W-22759 and MIL-W- 27500 interconnects wire. These components were previously installed on a BE-58P in accordance with STC.SA00733CH. 4. This Avionics installation is in accordance with the manufacturers installation instructions as follows: 5. Installation Manual Revision MFG TYPE Number Rev. C B. F. Goodrich SKY-497 009-10800-001 6. All work accomplished in accordance with: Electrical loading and protection. A.C. 43.13-1B CHAPTER 11 SECTION 3-6 Wire routing, marking and connecting. CHAPTER 11 SECTION 8-17 Weight and balance considerations. CHAPTER 10 SECTION 1-2 CHAPTER 1 A.C. 43.13-2A **PARA 1-12** Structural mounting data. Equipment physical mounting techniques. CHAPTER 2 PARA 21-28 Antenna physical mounting techniques. PARA 36-43 CHAPTER 3 Helicopter Electrical Specification and PHI ESM-1 CHAPTER 1 Standard Practices Manual **THRU 12** 7. This installation meets the following Federal Regulations: 14 CFR, Section 27.1321 Arrangement and visibility 14 CFR, Section 27.25 Weight Limits **Circuit Protective Devices** 14 CFR, Section 27.27 Center of Gravity 14 CFR, Section 27.1357 Limits Factor of Safety 14 CFR, Section 27.1381 Instrument Lights 14 CFR, Section 27.303 Function and 14 CFR, Section 27.1309 Equipment, Systems, and 14 CFR, Section Installations 27.1301 Installation Equipment list updated to reflect installation of this system. ାର୍ଟି କରୁ ମଧ୍ୟ 8. Weight and balance amended as required. 9. 10. Compass system tested and corrected. 11. EMC testing will be conducted in accordance with SKYWATCH Installation Manual for Qualitative EMI ground and flight test. 12. Electrical load tested found to be within limits. MAN 2 1 1 2 Additional Sheets Are Attached

## 337 ATTACHMENT SHEET DATED AUG 2 5 2004 N3207Q S/N 51540 MODEL 206L-3

- 13. An approved Rotorcraft Flight Manual Supplement No. PHI-959-206L3SKY497-001 Rev. 0 dated <u>AUG 2 5 2004</u> or later revision is required for installation and must be carried on board when operating B. F. Goodrich SKY497 SKYWATCH TRAFFIC ADVISORY SYSTEM.
- 14. Installation checkout, ground and flight tests are to be performed in accordance with SKY497 install Manual. For additional installation details see PHI Picture & Sketch Data document no. PHI-206L-PS-0036 Rev. D and PHI electrical diagram no. PHI-206L-12715 Rev. C Option 1.
- 15. Instructions for continued airworthiness are attached

## **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: B. F. Goodrich SKY497 Traffic Advisory System Installation

1) INTRODUCTION:

Installation of a B. F. Goodrich SKYWATCH Traffic Advisory System, Model SKY497, Installed in a Bell Helicopter Model 206L-3

2) DESCRIPTION:

The B. F. Goodrich SKY497 Traffic Advisory System consists of a receiver, including its' mounting rack, display, an antenna, associated wiring, and any related hardware. The primary function of the system is to advise the flight crew where to look for aircraft that may pose a collision threat. SKY497 alerts the flight crew to nearby Transponder equipped aircraft and assist the pilot in the visual acquisition of aircraft that may represent a danger.

3) CONTROL, OPERATION OR SPECIAL PROCEDURES: The manufacturer supplied Operation Manuals and the approved Flight Manual Supplement should be consulted for detail information on the operation of the individual units. A listing of these manuals is attached to this ICA.

#### 4) SERVICING INFORMATION:

The B. F. Goodrich SKY497 system is on condition and there is no periodic, preventive, or scheduled maintenance required for continued operation for this system.

## 5) MAINTENANCE INSTRUCTIONS:

The scheduled Maintenance program as follow:

- a) SKY497 Display.
  - 1. Check that indicator cable is properly mated and secured
  - 2. Check to ensure unit is properly installed and secured at the instrument panel.

## **CAUTION**

### Do not use cleaning solvents on the viewing face.

3. Check face-plate for cleanliness. Wipe the viewing face using an eyeglass lens cleaner which is specified as safe for anti-reflective coating and a clean, lint-free cloth.

- b) TRC:
  - 1. Check that connectors are properly mated and secured.
  - 2. Check to ensure that the hold-down knobs on the mounting tray are secured to the TRC.
- c) Antenna:

1. Check for dents, cracks, and punctures.

### **CAUTION**

## Do not paint the Antenna.

## Do not use cleaning solvents on the antenna.

- 2. Remove all dirt and grease from surface. Clean with a soft cloth moistened with mild soap and water.
- 3. Visually inspect sealant around the antenna base. Reapply sealant if required.

## 6) TROUBLE SHOOTING INFORMATION:

In order to properly trouble shoot the system, the mechanic must have available the wiring diagrams provided With the FAA Form 337 and have a good working knowledge of basic electrical troubleshooting. Individual items of equipment will not be addressed, but a general matrix is provided to serve as a guide for the Technician to use. Troubleshooting systems as follow;

No **Trouble Symptom** 

**Problem Cause** 

- Unit has power but functions improperly (1) Defective unit 1.
- 2. Unit does not operate
- (1) Defective unit

Correction Action (1) Replace (1) Replace unit (2) Defective circuit breaker (2) Replace circuit breaker

7) REMOVAL AND REPLACEMENT:

Location for various items of equipment are found by reference to this 337 or the supplied Avionics Wiring Diagram of the installed equipment is as follows;

- 1. Instrument panel mounted radios and equipment Display unit requires no special access instruction.
- 2. Antenna

Antenna is mounted to allow removal without the requirement to access from inside a panel. Antenna is sealed with Proseal 890A/B sealant. If antenna is replaced reseal the base with Proseal 890A/B, mixing in Accordance with label directions.

3. Aft overhead baggage compartment

The Transmitter Receiver Computer is a tray mounted unit located in this area, can be easily accessible by easily accessed by loosening of hold-down knobs.

- 4. Circuit Breaker The SKY497 circuit breaker is located in the Overhead circuit breaker panel.
- 8) DIAGRAMS:

Complete wiring diagrams accompany the FAA Form 337. These wiring diagrams along with the 337's contain station location of the equipment installed.

- 9) SPECIAL INSPECTION REQUIREMENTS: Special inspection requirements are not applicable.
- 10) APPLICATION OF PROTECTIVE TREATMENTS: Avionics removed for inspection, repair, or storage shall be protected from dirt and damage as necessary.

## 337 ATTACHMENT SHEET DATED AUG 2 5 2004 N3207Q S/N 51540 MODEL 206L-3

- DATA: No other data is required that is not contained in this document or that an appropriately rated repair station would be required to have to repair and adjust the individual units.
- 12) LIST OF SPECIAL TOOLS: Special tools are not required for field level maintenance.
- 13) FOR COMMUTER CATEGORY AIRCRAFT: Not applicable, this aircraft is not a commuter category aircraft.
- 14) RECOMMENDED OVERHAUL PERIODS: There are no additional overhaul time limitations.
- 15) AIRWORTHINESS LIMITATION SECTION: There are no additional airworthiness limitations.
- 16) REVISION:

No revision of these instructions is anticipated. The Operation Manuals provided as part of the data package cover the installed equipment. Replacement of installed equipment with later models may require new installation approvals and new ICA's.

		Available Pilot Operations Ma	nuals and Installation	Manual
<u>MFG.</u>	Equipment	Description	Pilot Manual No.	Install Manual No.
B. F. Goodrich	SKY497	Skywatch Traffic Adv. System	009-10801-001	009-10800-001
		END		

US Department of Transportation Federal Aviation Administration	(Airframe, Powerpla	IR AND ALTERAT ant, Propeller, or A		»)	Form Approved OMB No. 2120-0020 For FAA Use Only Office Identification			
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have been	harde in accordance with the require herein is true and correct to the best	ements of Part 43 of the L	J.S. Federal	Aviation Regulation	ons and th	at the inform	ation	
	-16-92	7. Approval for Return	A.	n D'y	•	DAVIS		
Pursuant to t Administrator	the authority given persons specifier r of the Federal Aviation Administration	d below, the unit identifi	ed in item	4 was inspected in EJECTED	n the man	ner prescribe	ed by the	
BY FAA I	Flt. Standards Manufacturer	Inspection Author		Other (Specify)				
	Designee X Repair Station	Person Approved I Canada Airworthir	ess Group					
Date of Approva	al or Rejection Certificate or Designation No. HEER617E	Signature of Auth		vidual	-	DAVIS	-	

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

_____END_____END_____END_____END_____END_____

			MAJOR REPA						Form Approved OMB No. 212	0-0020	•		
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	Serial No.	5154	0					and Registra	tion Mark				
. Owner			on registration certifi Deum Helicopters			Address (As shown on registration certificate) 2001 SE Evangeline Thruway Lafayette La. 70508-2156							
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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

**Bulkhead Instl – Passenger Seat** 

Part Nomenclature:	Bulkhead Instl – Passenger Seat	Part Number:	206-033-103-011
Repair Number:	04RL-068	Part Serial Number	N/A

Work Performed: Cut out and removed damaged portion of forward skin and core. Filled cavity in core flush with forward skin. Fabricated and installed 1 each doubler and 2 each tapered shims. All work performed in accordance with repair procedure 04RL-068.

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 AE-100-1

By	M. Bouchard	Designation Number	CD029
2	06-17-04	Serial Number	B4573

Actual Weight and Balance Complied With.

8		ľ	IAJO	R REPAIR AN	D A	LTERATIO	 N		Form Approved OMB No. 2120 11/30/2007	-0020	Electronic Tracking Number
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instructions	TIONS: Print and dispos ion. (49 U.S	sition of thi	s form.	es. See Title 14 0 This report is requ	CFR {	§43.9, Part 43 by law (49 U.9	Appendix E S.C. §44701	3, and AC ). Failure	C 43.9-1 (or to report ca	subs n res	equent revision thereof) for ult in a civil penalty for each
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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.

			N3207Q	06-02-2012
			Nationality and Registration M	
			Repair	
	Duiknea	u mstan	lation Repair	
Part Nomenclature	e: Bulkhead In	stallation	Part Number:	206-033-103-011
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Additional Sheets Are Attached

FAA Form 337 (10-06)

Hurst, Ken	HI- 937-E- 120419-01R
From:	pselight [pselight@bellhelicopter.textron.com]
Sent:	Thursday, April 19, 2012 10:54 AM
То:	Hurst, Ken
Cc:	Quebedeaux, Jack (CSR); Saucier, James (CSR)
Subject:	Re: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <pse request<br="">no: 2012040201-1&gt; <pse 2012040201-1="" no:="" request=""> <pse <pse="" no:="" no:<br="" request="">2012040201-1&gt;</pse></pse></pse>
Attachments	: u12RL_041_3.pdf; u12RL_041_1.pdf

Dear 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 C2607 applies only to subject aircraft or part and BHT Field Repair scheme #12RL-041. 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 you require any further information please feel free to contact Product Support Engineering Regards,

Noel Paquette 👓

Product Support Engineering

## Bell Helicopter

	A Textron Company
Canada:	(800) 361-9305
U.S. Only:	(800) 363-8023
Tel:	(450) 971-6407
Fax:	(450) 433-0272
pselight@be	Ilhelicopter.textron.com

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-----Original Message-----

From: Hurst, Ken Sent: WEDNESDAY, APRIL 18, 2012 12:33 PM To: pselight Cc: Subject: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1> Noel,

The following attachment is the information you requested this morning by phone.

If you have any questions please call me at 337-272-4593.

Thank you,

Ken Hurst

PHI, Inc.

**Engineering Department** 

From: Hurst, Ken Sent: Monday, April 16, 2012 11:29 AM To: pselight Subject: FW: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1>

Noel,

Checking on status on T- angle low ED issue.

Thanks,

Ken Hurst

PHI, Inc.

4/19/2012

Engineering Department

From: Hurst, Ken Sent: Friday, April 13, 2012 10:53 AM To: pselight Subject: RE: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1>

Noel,

The following attachment is the hole data you requested on the T-angle.

Sheetmetal will work on this T- angle installation this weekend.

If you have any questions please call me at 337-272-4593.

Thank you,

Ken Hurst

PHI, Inc.

Engineering Department

From: pselight [mailto:pselight@bellhelicopter.textron.com] Sent: Thursday, April 12, 2012 5:10 PM To: Boyer, Kenneth; Hurst, Ken Cc: Quebedeaux, Jack (CSR); Saucier, James (CSR) Subject: Re: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1>

Hi Kenneth,

How about the other flange? Can you provide edge distance and fasteners holes diameter, same as the other flange?

Regards,

Noel Paquette Product Support Engineering

Canada: (800) 361-9305

U.S. Only: (800) 363-8023

 Tel:
 (450) 971-6407

 Fax:
 (450) 433-0272

 HYPERLINK
 mailto:pselight@bellhelicopter.t

<< 3 attached file(s) >>

## BELL HELICOPTER TEXTRON

## CIVIL CERTIFICATION

CANADA LTD. DAO # 92-Q-01

Cage Code 66738		DATE:		S.O.C. SE	RIAL NO:	ISSUE :	
		DATE: 04/1	9/12				
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## 12RL-041

## <u>S/N 51540</u>

## PHI INC.

#### MODEL 206L-3

## **BULKHEAD INSTL - STA 121.44**

## PART NUMBER 206-033-103-011

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 strap using 7075-T6 A1 alloy per AMS-QQ-A-250/12, 0.090 inch	hick.
---------------------------------------------------------------------	-------

1.2	Bonding adhesive:	General purpose	(Item C-317 or C-562)	
1.3	Epoxy polyamide p	rimer:	(Item C-204)	
1.4	Sealants:	High Corrosion Inhibitor Fuel exposure	(Item C-251) (Item C-308)	
1.5	Vinyl Tape #472.		(Item C-453)	
1.6	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)	
1.7	Preparation of B Bonding of Flat	Stock Iral repair inside a fuel cell cav	(Para. 3-2-5) (Para. 3-2-7)	

#### 12RL-041

#### S/N 51540

## 2.0 PROCEDURE:

#### WARNING

Prior to attempting repair in fume tight area, ensure all fumes have been dissipated before using switches, or spark and/or heat producing tools. This may require venting cavity for a minimum of 24 hours.

- Note: Remaining low edge distance fastener holes not addressed in this repair are acceptable as is.
- 2.1 Gain access to damaged area recording type, size and location of fasteners removed. Remove and discard (Qty. 2) existing doublers (P/N 206-033-103-029) from repair area. See figure 1, view A-A and detail B.
- 2.2 Inspect exposed areas of splice, FWD & AFT lower shells and bulkhead panel assembly for corrosion, damage, delamination or contamination. If any such damage exists, resubmit to PSE with additional information describing extent of damage.

## 2.3 Note: Minimum chamfer radius to be 0.09 inch.

Prepare -1 strap specified in 1.1 and dimensioned as shown in detail of -1 strap on page 9. See detail B, View C-C and section D-D.

2.4 Notes: Maintain 0.32 inch minimum edge distance with existing fasteners in -1 strap.

Maintain 0.21 inch minimum edge distance with existing fasteners in existing splice under -1 strap.

Maintain 1.5D minimum edge distance with existing fasteners in existing splice outside footprint of -1 strap.

Locate splice (P/N 206-033-103-037) and -1 strap in position and transfer existing fastener holes same size as originals. Transfer (Qty. 4) 0.249/0.255 inch diameter holes common to cargo hook supports kit into -1 strap. Refer to Table 3-28 of BHT-ALL-SRM for appropriate fastener hole sizes.

2.5 Note: Deburr not to exceed 0.005 inch depth.

Remove splice & -1 strap; deburr all holes and edges; remove debris and loose material.

2.6 Note: Do not soak parts to be bonded with cleaner specified in 1.6. Use of a moistened rag is recommended.

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

#### 12RL-041

#### S/N 51540

### 2.0 PROCEDURE: (CONT'D)

2.7 Notes: Do not soak parts to be bonded with cleaner specified in 1.6. Use of a moistened rag is recommended. Fill gap in bend radius between -1 strap & splice (P/N 206-033-103 -037) with adhesive as shown in section D-D.

Locate and bond -1 strap in position using general purpose bonding adhesive specified in 1.2.

## 2.8 Note: Install all rivets wet with general purpose bonding adhesive while -1 strap adhesive is still wet.

Secure -1 strap using same type and size rivets as originals, grip length to suit.

- 2.9 Remove excess adhesive squeeze-out.
- 2.10 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.

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

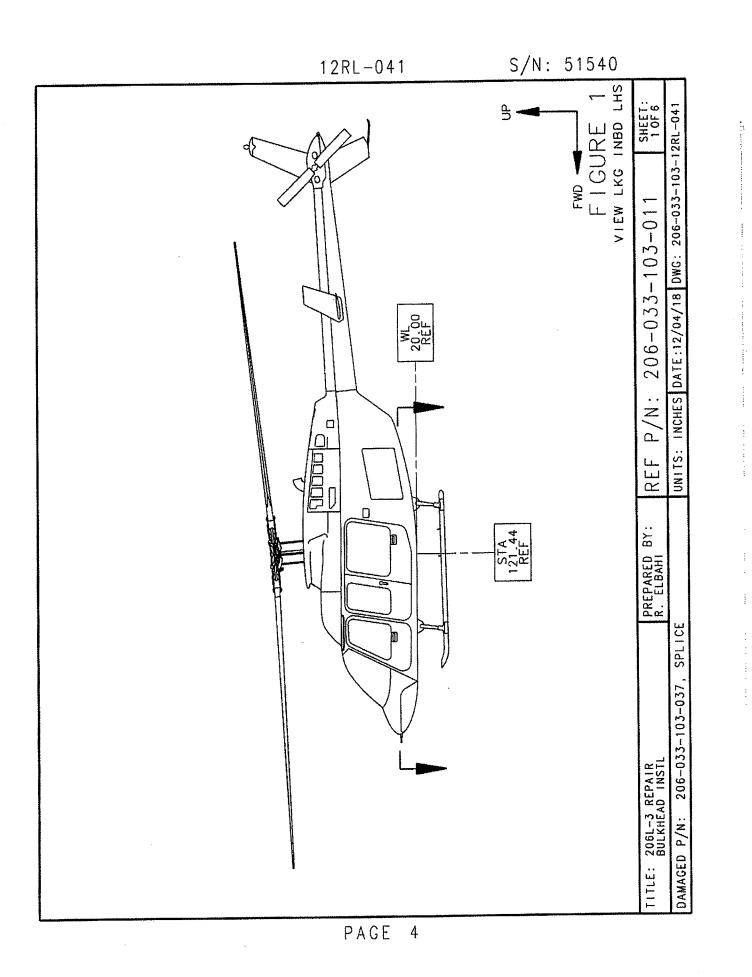
Inspect for voids or unbonded areas by performing a tap test inspection, ultrasonic inspection, or any suitable inspection approved by Bell Helicopter Textron. Voids shall not exceed 10% of total bonded area. No one void shall exceed 0.25 square inch in area. A maximum of two voids within a 6.0 inch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

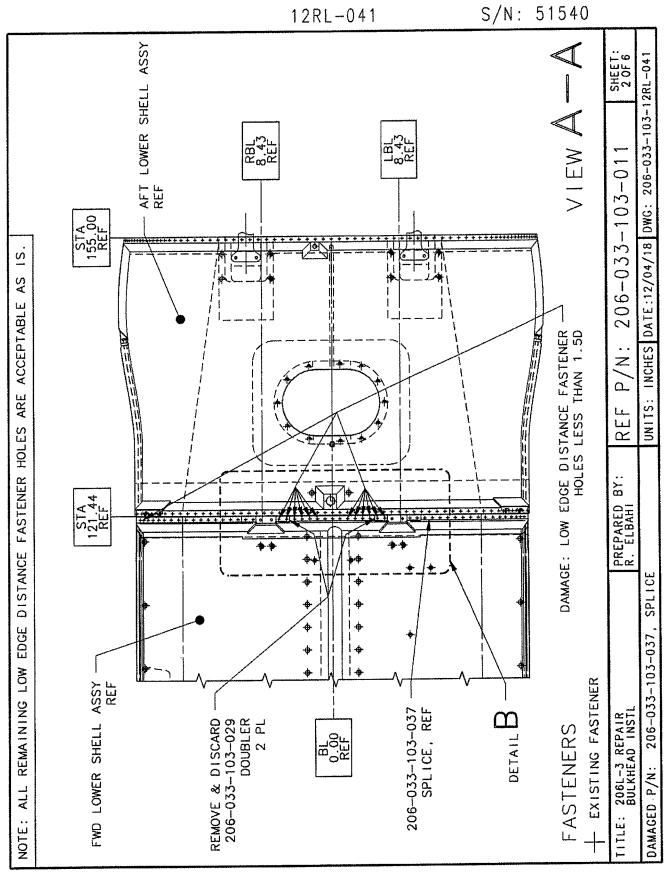
2.12 Prime all bare metal surfaces using material specified in 1.3. Allow to dry.

## 2.13 Note: Fill gap between FWD lower shell panel and -1 strap with sealant as shown in section D-D.

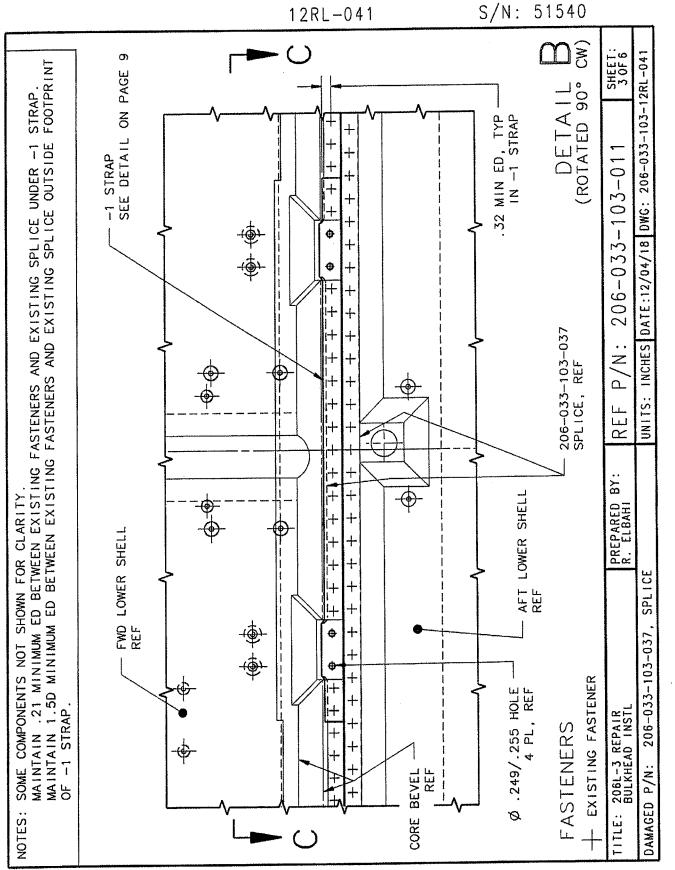
Seal all edges of repair area outside fuel cells using high corrosion inhibitor sealant specified in 1.4. Ensure that fuel cell areas are sealed and that rivets in fuel cells are coated with fuel exposure sealant specified in 1.4. Allow to dry. Re-prime sealant. Cover all rivets in fuel cells with tape specified in 1.5.

2.14 Re-finish as required.

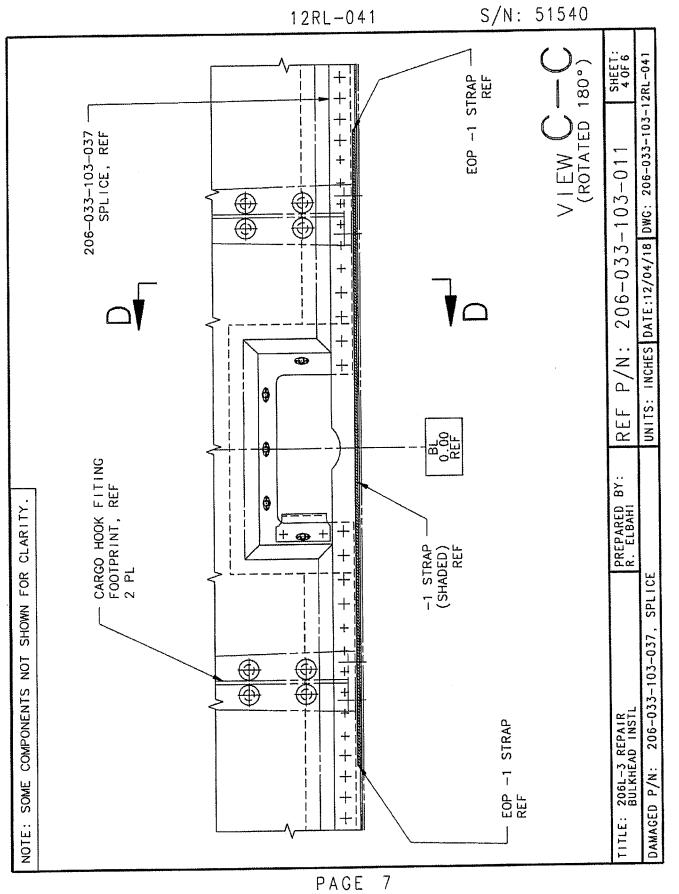


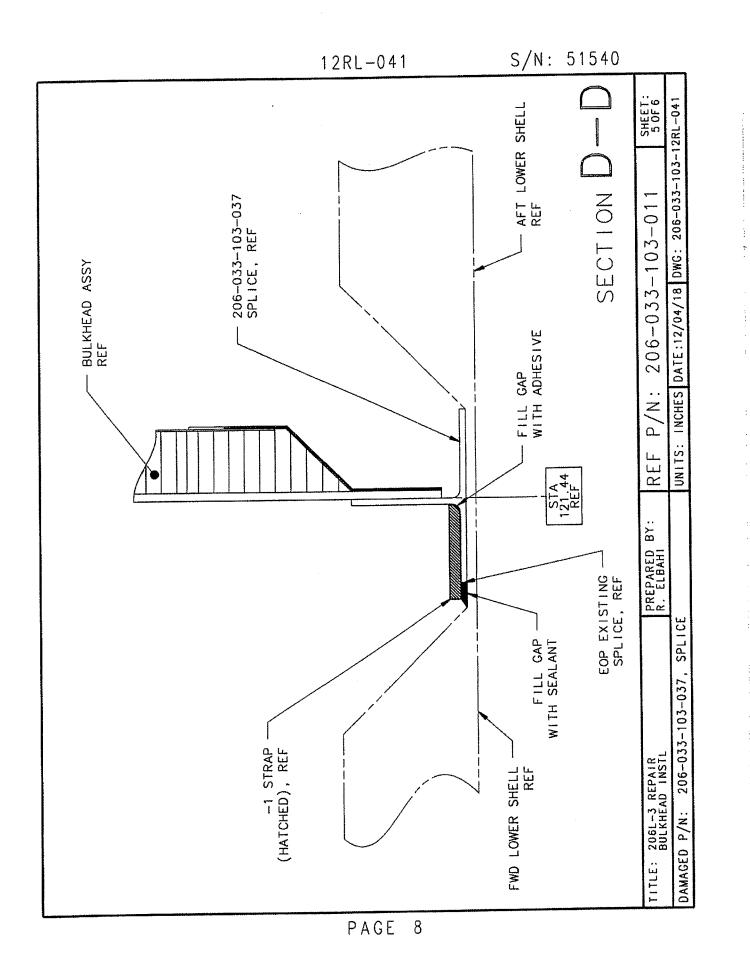


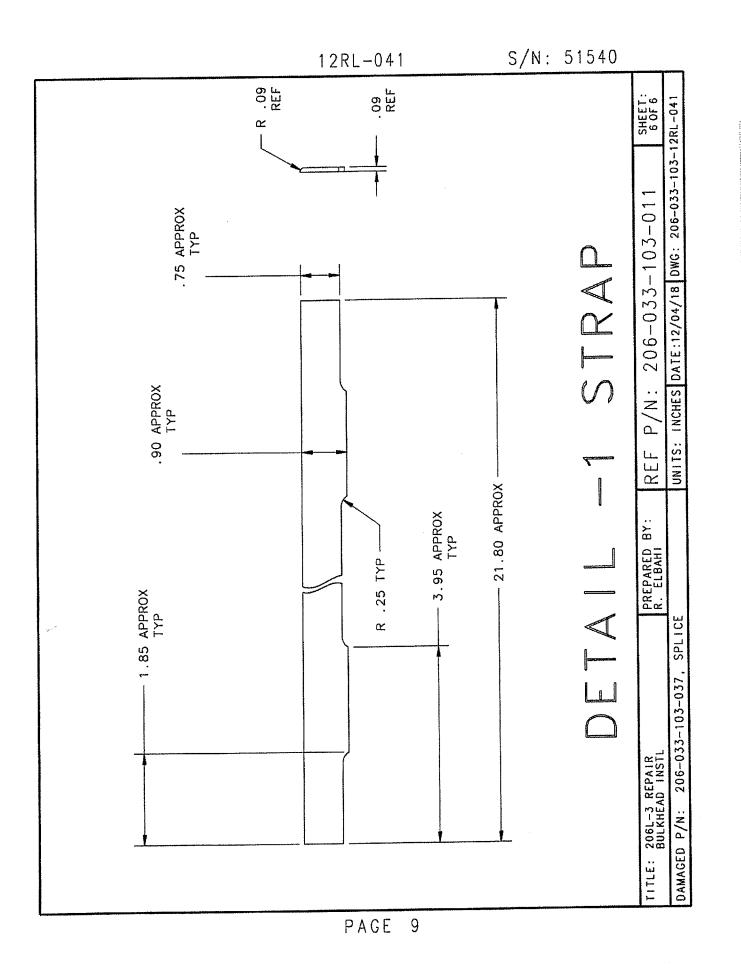
PAGE 5



PAGE 6







#### Hurst, Ken

From:	Hurst, Ken
Sent:	Wednesday, April 18, 2012 11:33 AM
То:	'pselight'
Subject:	FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <pse 2012040201-1="" no:="" request=""> <pse 2012040201-1="" no:="" request=""> <pse 2012040201-1="" no:="" request=""></pse></pse></pse>

Attachments: T-angle 4-18-2012.pdf

Noel,

The following attachment is the information you requested this morning by phone.

If you have any questions please call me at 337-272-4593.

Thank you, Ken Hurst PHI, Inc. Engineering Department

From: Hurst, Ken Sent: Monday, April 16, 2012 11:29 AM To: 'pselight' Subject: FW: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1>

Noel,

Checking on status on T- angle low ED issue.

Thanks, Ken Hurst PHI, Inc. Engineering Department

From: Hurst, Ken Sent: Friday, April 13, 2012 10:53 AM To: 'pselight' Subject: RE: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1>

. .. . . . . . . . . . .

Noel,

The following attachment is the hole data you requested on the T-angle.

# Sheetmetal will work on this T- angle installation this weekend.

.....

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Thank you, Ken Hurst PHI, Inc. Engineering Department From: pselight [mailto:pselight@bellhelicopter.textron.com]
Sent: Thursday, April 12, 2012 5:10 PM
To: Boyer, Kenneth; Hurst, Ken
Cc: Quebedeaux, Jack (CSR); Saucier, James (CSR)
Subject: Re: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1>

Hi Kenneth,

How about the other flange? Can you provide edge distance and fasteners holes diameter, same as the other flange?

Regards, Noel Paquette

Product Support Engineering 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

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-----Original Message-----From: Boyer, Kenneth Sent: THURSDAY, APRIL 12, 2012 3:53 PM To: Paquette, Noel Cc: Hurst, Ken; Martin, Dave Subject: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1>

Noel,

The following attachment shows hole edge distance and rivet sizes on Splice T-angle at requested by phone call today with Ken Hurst.

If you have any questions, please call 337-272-4267

Thanks, Kenneth Boyer for Ken Hurst

PHI, Inc. Engineering Department 337-272-4267

From: Hurst, Ken Sent: Thursday, April 12, 2012 12:39 PM To: Boyer, Kenneth Subject: FW: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1>

From: Paquette, Noel [mailto:npaquette@bellhelicopter.textron.com] Sent: Thursday, April 12, 2012 10:55 AM To: Hurst, Ken Cc: Quebedeaux, Jack (CSR); Saucier, James (CSR) Subject: Re: 206L-3 SPLICE T-ANGLE LOW FLANGE WIDTH P/N 206-033-103-037S <PSE Request no: 2012040201-1> <PSE Request no: 2012040201-1>

Ken,

Here is the reply from our QA;

19 Parts rejected to J236301¿Requirement: .760 +/- .030 DIM¿. Actual CK s .610-.630

Call me to discusses when you have a chance.

Regards,

Noel Paquette cid:image003.gif@01CA98E2.3C95C6C0 Product Support Engineering cid:image004.gif@01CA98E2.3C95C6C0 Canada: (800) 361-9305

U.S. Only: (800) 363-8023

Tel: (450) 971-6407

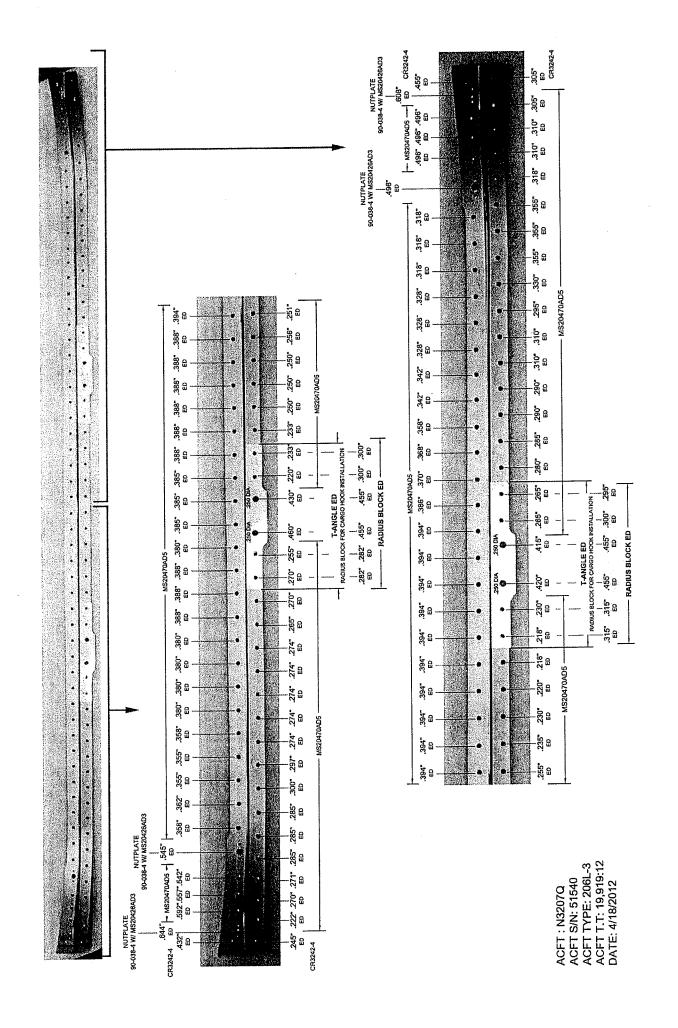
Fax: (450) 433-0272

HYPERLINK "mailto:pselight@bellhelicopter.textron.com"pselight@bellhelicopter.textron.com

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-----Original

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FAA	Designee	×	Repair Station		Can	son Approved b ada Airworthine	ss Group				
Date of Approv	al or Rejection		Certificate or Designation No.		Sigr	nature of Author				· · · · · · · · · · · · · · · · · · ·	
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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

Repair of Bulkhead Stiffener

Part Nomenclature:	Stiffener	Part Number:	206-033-107-055
Repair Number:	PHI-206L-RP-0077	Part Serial Number	N/A

Fabricated / installed .040 7075-T6 shim and .032 7075-T6 stiffener in accordance with repair # PHI-206L-RP-0077.

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.

**DERT-710057-SW** 

8110-03379

Approval received for these repairs according to data approved on FAA Form 8110-3.

ByMichael T. CoxDesignation NumberDatedJuly 28, 2003Serial Number

Weight and Balance Amended

Additional Sheets Are Attached

Electronic Version (Adobe)

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	Name (As shown	on registration ce	ertificate	)		Address	s (As shown on re	gistration	certificate)	
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POWERPLANT	Allison			25	0	t de argele ange ange et e plane ange	CAE-895 GAT-901	132	x	
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	& Parts Inc				U.S. Certificate	d Mechanic				
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Date					ature of Autho	prized Indi	voiual			
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			7. App	rova	for Beturn Fo	Service		······································		
Pursuant to r Administrator	he authority given of the Federal Avi	n persons specified ation Administration	d below, on and is	the s 2	unit identified	t in item 4	vas inspected i EJECTED	n the mani	ner prescape	d 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.

	of Mark Accomplished
	of Work Accomplished access to a second s
	Description: Allison 250 C30 GP Support
	P/N 23034775, S/N DW47037
1.	Pressure Tested IAW 14W3 72-50-00 Pg. 338.
	Welded & Blended Wear Marks on Struts IAW 14W3 72-50-00 Pg. 338 & OIL 11 Item B.
3.	Weld Repaired (3) Support Pads IAW 14W3 72-50-00 Pg. 340A & OIL 11 Item B and Machined.
4.	Weld Repaired and Final Machined Tang Slots & Containment Rings IAW 14W3 72-50-00 Pg. 340A & OIL 11 Item G. (1/8 eitherside).
5.	Coldworked Inner Wall to Maintain .010" clearance Around Containement Ring IAW 14W3 72-50-00 Pg. 411.
	Welded & Blended Wear Marks on Wall iAW 14W3 72-50-00 Pg. 338 & OIL 11 Item B.
	Provided Datum for Chrome IAW 14W3 72-00-00 Pg. 401.
8.	Chrome Repaired and Final Ground Bearing Bore IAW 14W3 72-50-00 Pg. 340 & OIL 11 Item A.
9.	Plasma Sprayed and Final Machined Forward Flange & Pilot Dia. IAW 14W3 72-50-00 Pg. 340A & OIL 3 Item 18.
10.	Plasma Sprayed and Final Machined 1st Stage Nozzle Mounting Surface IAW 14W3 72-50-00 Pg. 340A & OIL 3 Item 18.
	Skimmed Aft Flange IAW 14W3 72-50-00 Pg. 340A.
	Installed Plug on Bearing Bore IAW 14W3 72-00-00 Pg. 401.
	NDT (FPI) IAW 14W3 72-00-00 Pg. 308.
	Final Cleaned & Checked Air/Oil Passages IAW 14W3 72-50-00 Pg. 201. Final Inspection.
. A11 R	ecords of Work Performed are on file under Work Order 23521.
No Fu	rther Statements to Follow.
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# NOT INSTALLED

C Additional Sheets Are Attached

US Department of Transportatio Federal Aviatio Administration	(Airframe, Powerpla		pplianc	e) Offi	m Approved /B No. 2120-0020 For FAA Use ce Identification				
INSTRUCT and disposi for each suc	IONS: Print or type all entries. See FAR tion of this form. This report is required ch violation (Section 901 Federal Aviati	43.9, FAR 43 Appendix B, by law (49 U.S.C. 1421). F on Act of 1958).	and AC 4: ailure t <b>o r</b>	3.9-1 (or subsequent re eport can result in a civ	vision thereof) for vil penalty not to ex	instructions ceed \$1,000			
1. Aircraft	Make Bell Helicopt	er lanada	Model	2066-3					
	51540		Nationa	N 32079	Mark				
2. Owner	Name (As shown on registration cert FIBEF CAPITAL LOD		Address (As shown on registration certificate) 5728 JEFF Erson Hwy#23501 NEW Or/EANS 20123-5113						
		3. For FAA Use (				\$ 113			
				· · · · ·					
······	T	4. Unit Identifical	ion		5. Type				
Unit	Make	Model		Serial No.	Repair	Alteration			
AIRFRAME	······ (A	s described in Item 1 abo	ve)	~~~~~~					
POWERPLANT	Allison	250	-2	CAE-895132 CAT-90180	X				
PROPELLER									
APPLIANCE	Type Manufacturer								
		6. Conformity State	nent						
	ame and Address & Parts Inc.	B. Kind of Agency	/ ,	C.	Certificate No.				
#140-256 Richmond	0 Simpson Road 1, B.C. V6X 2P9 Canada	U.S. Certificate Foreign Certific X Certificated Re Manufacturer	ated Mecha bair Station		39-87				
D. I certify th have beer furnished	at the repair and/or alteration made to to made in accordance with the requiren herein is true and correct to the best o	he unit(s) identified in iter nents of Part 43 of the U. f my knowledge.	n4above S. Federal	and described on the re Aviation Regulations a	everse or attachmen and that the inform	nts hereto ation			
June 14,	2001	Signature of Autho	prized Indi	vidual	H-S				
		7. Approval for Return To	Servico	2 Amile					
Pursuant to t Administrator	he authority given persons specified r of the Federal Aviation Administration	helow the unit identified	I in item 4	was inspected in the EJECTED	manner prescribe	d by the			
FAA Inspe	FIL Standards Manufacturer	Inspection Authoriza	1 1	Other (Specify)					
	Cesignee Repair Station	X Person Approved by Canada Airworthines	Transport is Group						
June 14,	Designation No.	Signature of Autho C. Trşek	nzed indiv	mun	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.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) Description: Allison 250 C30 PT Inner Shaft P/N 23071313, S/N 80002 Applied AlSeal Coat IAW CEB 72-3238 - Reidentified to P/N 23071313. 1. NDT (MPI) IAW 14W3 Sect. 72-00-00 Pg. 306. 2. 3. Final Inspection. All Records of Work Performed on file Under Work Order 25593. No Further Statements to Follow. NOT **INSTALLED** Additional Sheets Are Attached

US Departmen of Transportation Federal Aviatt Administration	on (Air on	MAJOR REPA frame, Powerpl				e)		proved b. 2120-0020 For FAA Use entification	Only
		pe all entries. See FA This report is require tion 901 Federal Avia			B, and AC 43 Failure to r	9-1 (or subseque port can result in	nt revisior a civil pen	n thereof) for i alty not to ex	nstructions ceed \$1,000
1. Aircraft	Make BEL	L HELICO	PTER	\$	Model	206	L-3		
	Serial No.	51540			Nationa	lity and Registrati		· · · · · · · · · · · · · · · · · · ·	
2. Owner	Name (As sho	wn on registration ce CAPITAL COI	ertificate) RPORA	TION	5728	(As shown on re JEFFER ORLEANS	gistration SON H	Wy # 23	502 13
				B. For FAA Use	Only				<u> </u>
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	ame and Addres			. Kind of Agend		· · · · · · · · · · · · · · · · · · ·	C. Certi	ficate No.	
#140-256	& Parts I O Simpson , B.C. V6X	Road		U.S. Certificat Foreign Certif Certificated R Manufacturer	icated Mecha	nic		39-87	
		/or alteration made to lance with the require id correct to the best		a) identified in ite	em 4 above a .S. Federal	nd described on t Aviation Regulation	he reverse	or attachmer at the inform	its hereto ation
Date	il 20, 1999			ignature of Auth	orized Indi	vidual (10)	J. Gu	stafson	
Pursuant to 1	he authority giv	en persons specified	t below t	val for Return T	ed in item 4	was inspected in	the man		d by the
FAA	Flt. Standards	Manufacturer		204		UECTED Other (Specify)			u by the
BY FAA	Designee	Repair Station	v Pe	spection Authoriz	v Transport				
Date of Approva		Certificate or		nada Airworthine	ess Group	dual	······		
A*7	20, 1999.	Designation No. 39–87	ĺ	14	1 U	(m.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.

, 8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) Allison 250 C30 Rear Support Description: P/N 23007196, S/N ER12840 Chrome Plated Bearing Bore IAW DOIL 5 Item C and Final Ground. 1. Both Seals Metallized IAW DOIL 3 Item W and Machined to .010 Undersize. 2. NDT (FPI) IAW 14W3. 3. Final Inspection. 4. All Records of Work Performed are on file under Work Order 17569. No Further Statements to Follow. NOT INSTALLED Constant Stores of the Standard State of the State of the

Additional Sheets Are Attached

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1. Aircraft	Serial No.					Nation	206L-3 Nationality and Registration Mark						
		154		dificate 1			N3207Q						
2. Owner			n on registration cer			Address (As shown on registration certificate) 111 Westminster Street							
z. Owner	riee	E U	redit Corpora	tion			vidence,			-			
				3.	For FAA U	se Only							
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<u> </u>	6, 1992		Designation No. HEER617E		า	R. E.	10	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.

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) 10. Installed cabin accessory steps in accordance with Paravion Technology, Inc. report 206CS100DL, Revision B dated 3/25/88 or later FAA approved revision and STC SH3899NM. ____ END -----NOT **INSTALLED** Additional Sheets Are Attached 11

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					Form App		
US Department		REPAIR AND AL		•		. 2120-0020	
of Transportatio	Airframe, Por	werplant, Propelle	er, or Applia	nce)	the second s	or FAA Use	Only
Federal Aviation					Office Ide	ntification	
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	Make	<u> </u>	Mod	el	·····	· · · · · · · · · · · · · · · · · · ·	
1. Aircraft	Bell	1		206L-3			
	Serial No.		Nati	onality and Registrati	on Mark		
	51540			<u>N3207Q</u>			
	Name (As shown on registre	ation certificate)	Add	ress (As shown on re	gistration	certificate)	
2. Owner	Fleet Credit Corpora	ition	4	728 Jefferson H	wy #23:	502	
			1	New Orleans, LA	70123	-5113	
		3. For F	FAA Use Oniy				
The da	ta identified herein comp	lies with applicable	airworthiness	requirements and	is appro	ved for the	abovo
	described aircraft subject						
	11/6/98	FAA Inspector:					
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	T	4. Unit !	Identification	·····		5. Type	
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P.O. Box 9	0808		ign Certificated Me	the second data and the second se		e, Powerplant,	
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			ufacturer		1	13 - CRS No. 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

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

Install cargo hook provisions in accordance with Bell 206-SI-2012 except for the following:

Removed the ICS switch from the Bell position on top of the cyclic stick and installed the cargo release switch in the same position in accordance with Petroleum Helicopters, Inc. Drawing Number PHI-206-60168.

This data was previously approved on FAA 8110-3, dated 8-20-97, approved by DER Michelle M. Corning, Designation Number SW-777, Serial Number, 97450, for Bell 206L-1, N27766.

For continued airworthiness requirements, inspect these items according to PHI FAA Approved Aircraft Inspection Program or during FAA Annual.

Weight and balance amended as required.

# **INSTRUCTIONS FOR CONTINUED AIRWORTHINESS**

- 1) INSTALLING INSTRUCTIONS: Reference drawing PHI-206-60168
- 2) REMOVAL INSTRUCTIONS: Opposite of installation.
- INSPECTION INSTRUCTIONS: Inspect cyclic stick cargo hook switch extension for security, switch for proper operation, wires for chafing or loose connections and decal for security and legibility
- 4) INSPECTION INTERVALS: Airframe 150 hour/6 month or Annual Inspection
- 5) SERVICING INSTRUCTIONS: None required.
- 6) TROUBLESHOOTING INSTRUCTIONS: Normal electrical troubleshooting procedures

Additional Sheets Are Attached

END

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US Department of Transportation Federal Aviation Administration	n (Airfra		AIR AND ALTERAT iant, Propeller, or A		e)	F	oroved 2120-0020 For FAA Use	Only
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	Make			Model		<u> </u>		
1. Aircraft	Bell Serial No.				6L-3			
	51540				lity and Registrat	on Mark		
		on registration c	ertificate)	Address	207Q (As shown on re	gistration (	certificate)	
2. Owner	Fleet Credit	t Corporation			28 Jefferson H			
		p mion				•		
			3. For FAA Use	<u>I INEV</u> Only	w Orleans, LA	<u>10123</u>	-5113	
de	escribed aircraf	t subject to conf	th applicable airworth formity inspection by a $AA$ Inspector: <u>$cc$</u>	n person a	uthorized in F	AR 43, Se		
			4. Unit Identifica	tion			5. Type	
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AIRFRAME	******		As described in Item 1 abo	ove)				X
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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.) Removed cargo net in the hat rack area, installed on FAA Form 337, dated 1-16-92.

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

See PHI Drawing, PHI-206-60201.

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

- 1) INSTALLATION INSTRUCTIONS: In Accordance with drawing PHI-206-60201
- 2) REMOVAL INSTRUCTIONS: Opposite of installation
- 3) INSPECTION INSTRUCTIONS: Inspect cargo restraint for condition and security
- 4) INSPECTION INTERVAL: Petroleum Helicopters Airframe 150 hour inspection or FAA annual
- 5) SERVICING INSTRUCTIONS: None required
- 6) TROUBLESHOOTING INSTRUCTIONS: None required.

Additional Sheets Are Attached

END

US Department of Transportation Federal Aviation Administration		MAJ (Airframe,	OR REPAIR AN Powerplant, Pre	D A ope	LTERATIO eller, or App	N oliance)		Form Approved OMB No. 2120-( 11/30/2007	0020	actronic Tracking Num
such violation.	(49 U.S.C	C. §46301(a))	ries. See Title 14 C n. This report is requ	FR	§43.9, Part 43 I by law (49 U	3 Appendix E S.C. §44701	, and AC Failure to	43.9-1 (or s report can	subsequ reșult i	ient revision the n a civil penalty
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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.)

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Nationality and Registration Mark			D	ate	9		

# **COMPOSITE BAGGAGE DOOR**

Installed Aeronautical Accessories, Inc. Composite Baggage Door in accordance with STC SH3110SO and Installation Instruction Report number AA-91062, Revision K, dated November 17, 2000. Instructions for Continued Airworthiness are covered under Report number AA-00020, No Revision, dated November 17, 2000.

Actual Weight and Balance complied with.

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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 THE FOLLOWING: Door Actuators on all (4) four cabin main entrance doors according to STC-SH1990SO. Door Actuator on the Baggage Door according to STC-SH1503NM. _____END_____END_____END_____ Additional Sheets Are Attached

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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.)

and Fr -

Nomeclature: Elevator Original Part Number: 206-023-119-159 Upgraded To Part Number: 206-023-119-179 Serial Number: BP0000198 Work Order Number: J0313337

OVERHAULED ABOVE MENTIONED PANEL IN ACCORDANCE WITH PETROLEUM HELICOPTERS, INC. D.B.A. ACADIAN COMPOSITES, L.L.C. FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-032, REVISION A, DATED 11/24/99 AND UPGRADED IN ACCORDANCE WITH OVERHAUL PROCEDURE PHI-450-OP-050 DATED 10/15 /02, REVISION E.

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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: ELEVATOR PART NUMBER: 206-023-119-159 UPGRADED TO PART NUMBER: 206-023-119-179 SERIAL NUMBER: BP0000360 WORK ORDER NUMBER: W43428AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-032, REVISION A, DATED 11/24/99 AND UPGRADED IN ACCORDANCE WITH OVERHAUL PROCEDURE PHI-450-OP-050 DATED 10-15-02, REVISION E.

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.)

Installed Emergency Float Electrical System according to STC SH1715SW.

#### ADDITIONAL SHEETS ARE ATTACHED

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Unit		M	ake			Model		Serial	No.	Repair	Alteration
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PROPELLER									**** <u>**</u> ***		
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	Manufacturer										
			I	6	. Cor	formity Stater	nent				
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Petroleum Helico P. O. Box 90808	pters, Inc.					U.S. Certificated	Mechanic			HEER617E	;
Lafayette, LA 70	509				<u> </u>	Foreign Certifica		ic		rame, Powerpla ccessories Lim	
					×	Certificated Rep	air Station			adio Class 1, 2	
D. Icertify the	at the repair and/o	or alte	ration made to the unit(	s) identi	fied in	Manufacturer	lescribed or	the reverse or atta	achments here	to have been ma	ide in
accordance with	the requirements	of Pa	rt 43 of the U.S. Federa	al Aviatio	on Reg	ulations and that th	e information	n furnished herin is t	true and correc	t to the best of m	iy knowledge.
Date				·	Sig	nature of Author	ized Individ	dual			-
07 Jun	e 2004					Wayne	Pipk	lins			
						I for Return To				· · · · · · · · · · · · · · · · · · ·	
Pursuant to the Administrator	e authority give of the Federal /	en pe Aviat	ersons specified be ion Administration a	low, the and is	e unit	identified in item	4 was ins RE	pected in the ma JECTED	anner prescr	ibed by the	
BY FAA I	Flt. Standards ctor		Manufacturer		Insp	ection Authoriza	ition	Other (Speci	fy)		
FAA I	Designee	×	Repair Station		Can	son Approved by ada Airworthine	ss Group				
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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.)

Structural Repair

**Engine Pan Repair** 

Part Nomenclature:	Engine Pan	Part Number:	206-032-315-141
Repair Number:	PHI-206L-RP-0071	Part Serial Number	N/A

<u>Work Performed</u>: Removed damaged area on Engine Pan as required. Performed fluorescent penetrant inspection to cut out area. Fabricated & installed .020 ½ hard stainless steel composite bond doubler repair in accordance with Petroleum Helicopters, Inc. Repair # PHI-206L-RP-0071.

Structural repairs made according to the manufacturer's helicopter 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	Michael T. Cox	Designation Number	DERT-710057-SW
Dated	June 20, 2003	Serial Number	8110-03311

Weight and balance amended as required.

Electronic Version (Adobe)

Additional Sheets Are Attached

						Form	Approved	Electronic Tracking Number			
		MA.I		ND ALTERATIO	NAI	ОМВ	No. 2120-0020 /2007				
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Federal Avi Administrat	ion										
	tion. (49 U.S	S.C. §46301(a))		CFR §43.9, Part 4 quired by law (49 U	3 Appendix B, a S.C. §44701). F	nd AC 43. ailure to rep	9-1 (or sub port can res	sequent revision thereof) fo sult in a civil penalty for eac			
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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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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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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

Nationality and Registration Mark     Date       REF. W/O #     EXHAUST COLLECTOR     PIN# 23032325     SIN# 44805       88809     250-C30     TSO: 0     TSN: UNK     CYCLES: UNK       ITEM     1 O/H INSPECTED IAW RR250 C30 14W3 O/H/M 2ND EDITION REV.15     2 PLASMA SPRAY REPAIRED & FINAL MACHINED THE FOLLOWING IAW RR250 C30 14W3 O/H/M 2ND ED REV.15     8 PRPL 2-0008: A FT. PILOT DIAMETER AFT. FLANGE       NOZZLE MOUNT FACE FORWARD PILOT     BEARING BORE SEAL BORE & SHOULDER     3 WELD REPAIRED THE FOLLOWING IAW RR250 C30 14W3 O/H/M 2ND ED REV.15       S WELD REPAIRED THE FOLLOWING IAW RR250 C30 14W3 O/H/M 2ND ED REV.15     CRACKS       ABOYE CIRCLIP GROOVE FOR RE-ENFORCEMENT     4 NDT INSPECTED & ACCEPTED IAW PRPL 1-8       S COLDWORKED TO IMPROVE RUNQUTS, REWORKED DENTS & RESTORE SHEETMETAL IAW RR250 C30 14W3 O/H ED.2 REV.15 & PRPL 2-D008       6 COMPLIED WITH CEB 72.3210 (PMI D002)       7 GRIT & GLASS BEAD TREATED FOR APPEARANCE IAW 250 C30 14W3 O/H/M 2ND ED REV.15 & PRPL 2-D008       8 INSTALLED THE FOLLOWING OEM DETAIL PARTS: 23065496       9 FINAL INSPECTION       ADDITIONAL MAINTENANCE REQUIRED: NONE       ALL RECORDS OF WORK PERFORMED ARE ON FILE UNDER W/O: NO FURTHER STATEMENTS TO FOLLOW.			an a		N3207	7 (1)		118/201	D
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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.)

## **External Oil Filters**

Removed engine external oil filter, associated lines, and hardware previously installed according to FAA Form 337 dated 1-16-92.

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

#### Additional Sheets Are Attached

US Department of Transportation						F	2120-0020 or FAA Use (	Dnly
Federal Aviatio	n	1540         shown on registration certificate)         t Credit Corporation         3. For FAA U         A Unit Identified in the second of the second		••••••••••••••••••••••••••••••••••••••		Office Ide	ntification	
INSTRUCT and disposi	IONS: Print or type all entries. See FAR 43. tion of this form. This report is required by	'law (49 l	J.S.C. 1421). Fa	ind AC 43. illure to re	9-1 (or subsequer port can result in	nt revision a civil pena	thereof) for in alty not to exc	nstructions eed \$1,000
	Make			Model		-		
1. Aircraft	BELL				206L-3	• • • •		
	Serial No.			l ·	ty and Registration N3207Q	on Mark		
	Name (As shown on registration certific	cate)			As shown on reg	nistration o	ertificate)	· · · · · · · · · · · · · · · · · · ·
2. Owner	Fleet Credit Corporati			111	Westminster idence, RI	r Stree		
	<u></u>	3. 1	For FAA Use O					
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· · · · · · · · · · · · · · · · · · ·		4, 1	Unit Identificati	on	· · · · · · · · · · · · · · · · · · ·		5. Type	<u></u>
Unit	Make				Serial N		Repair	Alteration
Onit					Senaria	<u> </u>		Alteration
AIRFRAME		described	d in Item 1 abov	(e)	••••••	<b>`</b>		X
POWERPLANT						· · · · · · · · · · · · · · · · · · ·		
PROPELLER								
APPLIANCE	Туре				· · · · · · · · · · · · · · · · · · ·			
	Manufacturer							
		6. Co	nformity Stater	nent			1	L
A. Agency's N	Name and Address		Kind of Agency			1	ificate No.	
Petrole	um Helicopters, Inc.		U.S. Certificated	d Mechanic			AME, POW	
P.O.Box		V	Foreign Certific		nic		ESSORIES CLASS 1	
Lafayet	te, La 70509		Manufacturer	bair Station			O. HEER6	
have bee	en made in accordance with the requireme	ents of Pa	identified in iter art 43 of the U.S			the reverse	orattachme	nts hereto
Date		•	nature of Autho	prized Indiv	vidual			
/	-16-92		ill. Z.	De	, joint	•	DAVIS	
Administrato	or of the Federal Aviation Administration a	elow, the and is	a unit identified		EJECTED		ner prescrib	ed by the
	Sector		ection Authoriza		Other (Specify,	1		
		Can	ada Airworthine	ss Group				
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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 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.

Weight & balance amended as required and equipment list amended according to AC 43.13-2A, Chapter 1, paragraph 9. Total weight 4 lbs.

____END----

# NOT INSTALLED

Additional Sheets Are Attached

US Department of Transportation		Bell         ame (As shown on registration certified PHI, Inc.         PHI, Inc.         arration       Unit         Image: All and the second processing of the second procesing of the second processing of the second proces and							Form Ap OMB No 11/30/20	. 2120-002	Electronic Tracking Number For FAA Use Only
Federal Aviatio Administration	n	•									
instructions	and disposi	ition of this form.	es. See Title 14 CFI This report is require	R { ed	§4: by	3.9, Part 43 / law (49 U.S	Appendi C. §447	x B, and 01). Fai	d AC 43.9- lure to repo	1 (or sub ort can re	osequent revision thereof) for sult in a civil penalty for each
. (		-	n Mark				Serial	No. 1540			
1. Aircraft	N231 Make	PH					Model	1340			Series
								206			L-3
	Name (As	shown on regist	ration certificate)						nown on reg		<i>certificate)</i> SE Evangeline Thruway
2. Owner	PHI,	Inc.					City	Lafaye		2001	State LA
							Zip	70508-	2156	Cou	ntry USA
				3.	Fo	or FAA Use	Only				
4. Typ	е			5.	. U	nit Identifica	ation				
Repair	Alteration	Unit	Ma	ke					Model		Serial No.
		AIRFRAME					(As c	lescribe	d in Item 1 a	above)	
	<b>Y</b> ]							, <u> </u>			
		POWERPLANT									
		PROPELLER									
			Туре								
		APPLIANCE	Manufacturer								
			6	1 -		nformity Stat					
		ddress		В	3. K	U.S. Certific		anic		Ma	nufacturer
Name <u>PHI, I</u> Address P. O.		3		┝	+	Foreign Certi				<u> </u>	ficate No.
city Lafay		,	State LA			Certificated F					
		untry USA		<b>–</b>	+	Certificated N	Maintenan	ce Organ	ization	1	HEER617E
D. I certify have be	that the rep en made in	pair and/or altera accordance with	the requirements of	Pa	art 4	43 of the U.S	em 5 abo 5. Federa	ove and I Aviatio	described n Regulatio	on the re ns and th	verse or attachments hereto nat the information
			ature/Date of Authori:			-					
Extended ran per 14 CFR P			)	•							SEP 2 9 2012
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		<i>#</i> .		pro	ova	al for Return	n to Šerv	ice I			÷
Pursuant to Administrate	o the author or of the Fee	ority given perso deral Aviation Ad	ons specified below ministration and is	, t	the	unit identif	ied in it Appro	em 5 v ved	vas inspec	ted in t ed	ne manner prescribed by the
Ins	A Fit. Stand pector	lards Mar	nufacturer	N	Ma	intenance O	ganizatio	on	Depa	rtment of	ved by Canadian Transport
BY FA	A Designee	e X Rep	pair Station		ins	pection Auth	orization		Other (Sp	ecify)	
Certificate or	0	Sign	ature/Date of Authori	zeo	dl	ndividual	1	$\Lambda^{-}$		1	1 1 2.0 0010
Designation N H	o. EER617E	Ko	gerbale	k	<u> </u>  2	mitel	Ela	oger	DAle	-6	urchett SEP 29 2012
FAA Form	337 (10-06)		1					ι			

escription of Work Accomplishe If more space is required, attach ac	d Iditional sheets. Identify with	aircraft nationality and registration mark	k and date work completed.)
		N231PH	SEP 2 9 2012
		Nationality and Registrati	on Mark Date
	STC	INSTALLATION	
Instruction Report numbe Airworthiness are covered	r AA-90060, Revisio 1 under Report numb	ep Kit in accordance with STO n X, dated March 1, 2006. Ins er AA-01161, Revision B, dat	tructions for Continued
Actual Weight and Balan	ce complied with.	END	
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FAA Form 337 (10-06)

						_				Form Approved OMB No.		Electronic Tracking Number
			MAJOR	RE		D A	LTE	ERATIC	DN	2120-0020 2/28/2011		
US Departmer of Transportati Federal Aviation Administra	ion	<b>(A</b> i	irframe, Po	we	rplant, Pro	ope	ller	, or Ap	pliance)			For FAA Use Only
INSTRU	CTIC	ns and di	t or type all ent isposition of th violation (49 U.	is fo	rm. This repo	CFF ort is	२ §43 s req	9.9, Part 4 uired by	3 Appendix B, a law (49 U.S.C.	and AC 43.9-1 §44701). Failu	(or s ure to	subsequent revision thereof) o report can result in a civil
			and Registration	Mark					Serial No. 51540			
1. Aircra	ıft	Make	31PH						Model		S	Series
		Bell		otion	outificato)				206	own on registratio	ncort	L-3
			s shown on registr I, Inc.	auon	cenincale)				Address Qua	lity Assurance		1 SE Evangeline Thruway
2. Owne	ſ		, 110.							vette 08-2156 (	Count	
						3.	For	FAA Use	Only			······································
4.	Тур	e						5. L	Init Identificatio	n		
Repair	A	Iteration	Unit		I	Mak	е		Мс	odel		Serial No.
		$\boxtimes$	AIRFRAME						(As described in	n Item 1 abov	э)	
			POWERPLA	١T								
			PROPELLER									
[]			APPLIANCE		Туре							
					Manufacture	er						
A Agong	wie N	lamo and	Address					ormity Sta of Agenc				
Name			ICOPTER TEX	(TRC	DN, INC.	D.	U.S	6. Certifica	ted Mechanic			Manufacturer
Address			NT DES MOU			X			ficated Mechanic			rtificate No. B1H2300N Limited Airframe
City Zip		AFAYET 0507		tate .S.A	LA	X			air Station ntenance Organiz			ted Specialized Services
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have	e bee	n made in	ar and/or altera accordance with true and correct	th the	e requirements	of F	Part 4	3 of the U	.S. Federal Aviati	on Regulations	e reve s and	erse or attachments hereto that the information
Extended					nature/Date of				dual 1	/ /		
per 14 CF App. B								K	$M = \omega$	, oli-		
<u>. 1947 p</u>			kara .	L	7.	App	orova	al for Ret	urn To Service	WII		
			ity given persor				e unit			spected in the		nner prescribed by the
BY			Standards		Manufacture			****	ance Organizatio		F	Persons Approved by Canadian Department of Transport
		FAA Des		х	Repair Statio	on		Inspectio	on Authorization	]Ot	her (S	Specify)
Certificat		•		Sig	nature/Date o		thori:		10	1	/	
Designat B1H2300		NO.		-	SON PICARD				NV	4.0/1	Z	
FAA Fo	orm 3	<b>337</b> (10-06)	)						W			

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.)

	N231PH Nationality and Registration Mark	8-30-2012 Date
NOMENCLATURE: FORWARD SHELL ORIGINAL PART NUMBER: 206-033-100-291 SERIAL NUMBER: N1014E WORK ORDER NUMBER: W186586AA		
OVERHAULED PANEL MENTIONED ABOVE IN TEXTRON, INC. FAA APPROVED OVERHAUL REVISION A, DATED 10/10/00.	ACCORDANCE WITH E PROCEDURE NUMBE	BELL HELICOPTER R PHI-450-OP-053,
END		

Additional Sheets are Attached

					2 A N	D ALTERA	TION		Form Ap			
US Department		A ;£							OMB No	. 2120-0020		
of Transportation	n (	AIN	rame, Powe	erpian	τ, ΡΙ	opeller, or	Applia	nce)		For FAA Use	Only	
Federal Avia Administrati									Office Ide	entification		
<b>INSTRUCT</b>	IONS: Print or type	all en	tries. See FAR	43.9, FA	R 43	Appendix B. ar	nd AC 43	9-1 (or subseq	L uent revisi	on thereof) for	instruction	
and dispos	ition of this form. Th	is rep	ort is required b	y law (4	9 U.S	.C. 1421). Failu	ire to rep	ort can result ir	a civil pe	nalty not to ex	ceed \$1,000	
tor each vie	Diation (Section 901	ot Fe	deral Aviation A	ct of 19	58).		Model				-	
	Bell							5L-3				
1. Aircraft	Serial No.							y and Registration	Mark		••• •••••	
	5154	0					1	,				
	Name (As sh	own or	registration certific	ate)	Address (As shown on registration							
2. Owner	Petrole	ินก ไ	Helicopter	s Inc				Thruway				
2. Owner					•		Lafa	ayette La.	70508	-2156		
					3. Fo	r FAA Use Onl	У					
					4 11	nit identificatio	<u>,</u>	· ·		5. Type		
	·····	· · · · · · -		1						J. Type	· · · · · · · · · · · · · · · · · · ·	
Unit		Make	Ð			Model Serial				Repair	Alteration	
AIRFRAME	E		~~~~~	(As des	cribed	in Item 1 abov	e) ~~~~	~~~~			×	
POWERPL	ANT											
PROPELLI	ER								<u>u</u>			
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APPLIANC												
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	Manufacture							· · · · · · · · · · · · · · · · · · ·				
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			· · · · · · · · · · · · · · · · · · ·	6.		ormity Statem	ent					
A. Agency'	s Name and Addres	s			B. I	(ind of Agency	d Mart			rtificate No.		
	ACADIAN CO	MPO	SITES			U.S. Certificate Foreign Certific				31H2300N TED AIRFRA	ME	
	301 W. PONT DES				X	Certified Repai				ED SPECIAL		
	LAFAYETT					Manufacturer			SERV			
hereto	y that the repair and have been made in ation furnished here	acco	rdance with the	require	ments	of Part 43 of th	e U.S. F					
Date						inature of Author		lvidual				
	6-15-	09	(			Ma	alo.					
		/		7. App	roval	for Return To	Service					
Pursuant to Administrat	the authority given or of the Federal Av	perso iation	ons specified bel	low, the	unit i	dentified in item	n 4 was in	spected in the ED	manner pi	escribed by th	e	
1 1	FAA Flt. Standards nspector		Manufacturer		Ins	pection Authori	ization	Other (Sp	ecify)	49, <u>4,,</u> 4, 4 4 <b>19</b> ,440 ,		
BY	AA Designee	x	Repair Station	۱   	Tra	rson Approved Insport Canada worthiness Gro	1		Λ			
Date of Ap	proval or Rejection		Certificate or Designation N			nature of Autho		lividual	$\square$			
6-1	F ALL		Designation A	<b>U</b> .	1	MIE MELANC			/			

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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: FORWARD SHELL ORIGINAL PART NUMBER: 206-033-100-291 SERIAL NUMBER: ------WORK ORDER NUMBER: W43630AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-053, REVISION A, DATED 10/10/00.

Additional Sheets are Attached

FAA Form 337 (12-88)

								Form Approve OMB No.	d	Electronic Tracking Number
		MAJOR RE						2120-0020 2/28/2011		For FAA Use Only
US Department of Transportation Federal Aviation Administration	on	rframe, Powe	-							
INSTRUC	CTIONS: Prin ctions and di	t or type all entries sposition of this fo violation (49 U.S.C	rm. This repo	CFR rt is	§43 requ	.9, Part 4 uired by I	3 Appendix B, a law (49 U.S.C.	and AC 43.9- §44701). Fail	1 (or lure	subsequent revision thereof) to report can result in a civil
	1 -	and Registration Mark					Serial No. 51540			
1. Aircraf		31PH					Model	, , , , , , , , , , , , , , , , ,		Series
	Bell						206 Address (As sho	wp on registrat	ion ce	L-3
		s shown on registration	centricate)				Addressuality			SE Evangeline Thruway
2. Owner	PH	I, Inc.					City Lafave Zip 70508-		Cou	I ^{ntry} USA
				3.	For	FAA Use				
·										
4.	Туре					5. U	Init Identificatio	n		
Repair	Alteration	Unit	Γ	Make	9		Мо	odel		Serial No.
		AIRFRAME					(As described i	n Item 1 abov	ve)	
		POWERPLANT								
		PROPELLER		***						
		APPLIANCE	Туре							
			Manufacture	r						
						ormity St				
A. Agency Name	y's Name and ACADIAN	Address	1	B. F	Kind U.S	of Agenc 6. Certifica	y ited Mechanic			Manufacturer
Address	301 W. PC	NT DES MOUTON					ficated Mechanic			Certificate No. S B1H2300N Limited Airframe
City Zip	LAFAYET 70507	TE State Country U.S.A		Х			air Station ntenance Organiz	ation		nited Specialized Services
D. I cert have	been made ir	pair and/or alteration	e requirements	of F	°art 4	3 of the U	em 5 above and c I.S. Federal Aviat	described on t ion Regulation	he rens ar	everse or attachments hereto nd that the information
Extended per 14 CF		Sig	inature/Date o	f Au	thori	zed Indiv	idual	·//	~/	1
Арр. В			7.	Арр	orova	al for Ref	urn To Service	-771		
Pursuant Administr	to the author ator of the Fe	ity given persons s ederal Aviation Adn	pecified below	, the	e uni	t identifie	d in item 5 was i APPROVED	nspected in t	he m ED	nanner prescribed by the
BY		Standards	Manufacture	T		Mainten	ance Organizati	on A		Persons Approved by Canadian Department of Transport
	FAA De	signee X	Repair Stati	on		Inspecti	on Authorization	/	Othei	r (Specify)
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B1H2300	N	L	SON PICARD	1			//	4/17	Ĺ	7
FAA Fo	orm 337 (10-06	)					1/4	1.2		

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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

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

	N231PH	8-30-2012
L	Nationality and Registration Mark	Date
NOMENCLATURE: FUEL CELL BULKHEAD PANEL ORIGINAL PART NUMBER: 206-032-118-123 UPGRADED TO PART NUMBER: 206-032-118-143 SERIAL NUMBER: AO-04552		
WORK ORDER NUMBER: W186587AA		
OVERHAULED PANEL MENTIONED ABOVE IN ACC FAA APPROVED OVERHAUL PROCEDURE NUME	BER PHI-450-OP-016, RE	EVISION A, DATED
2/3/99 AND UPGRADED IN ACCORDANCE WITH DATED 10/15/02, REVISION E.	OVERHAUL PROCEDUF	₹E PHI-450-OP-050
END		
LND		

US Departmen			DR REPAIR A						Approved No. 2120-0020 2007	Electronic Tracking Numb For FAA Use Only
of Transportati Federal Aviati Administratio	lon	(Airframe, I	Powerplant, P	rot	bel	ler, or App	oliance)			
instruction	s and dispos									sequent revision the sult in a civil penalty t
	Nationali N320	ty and Registratio	on Mark				Serial No. 51540			
1. Aircraft	Make Bell						Model 206		Ş	Series L-3
		s shown on regis , Inc.	tration certificate)					Assurar	gistration of ce 2001 s	certificate) SE Evangeline Thru
2. Owner							city <u>Lafayet</u> zip 70508-2		Count	slate <u>LA</u> ny <u>USA</u>
					3. I	For FAA Use	Only			
									·	
4. Ту	pe				5, 1	Unit Identifica	ation			
Repair	Alteration	Unit ·		Mak	æ			Model		Serial No.
	$\checkmark$	AIRFRAME					(As described	in Item 1	above)	
		POWERPLANT								
		PROPELLER								
		APPLIANCE	Type Manufacturer							
				_		nformity Star				
A. Agency's N		ddress			<b>8</b> . J	Kind of Agend				
Name <u>PHI, I</u> Address P. O.	Inc Box 90808	3		-	+		ated Mechanic		C. Certific	ifacturer
city Lafay	ette		State LA	_ [	$\checkmark$		Repair Station			
zip <u>70509</u>	- <u>0808</u> cou	untry USA		-		Certificated N	laintenance Organiza	ation		HEER617E
have be furnishe Extended ran	een made in ed herein is f ge fuel	accordance with true and correct t		of P now	ert led	43 of the U.S ge.	em 5 above and d Federal Aviation			rse or attachments he t the information
per 14 CFR P App. B	art 43		un CDB	> 2 App	rov	AARON al for Return	() BEGN to Service	AND.		10-11-12
			ons specified belo ministration and is		lhe	e unit identifi	ed in item 5 wa Approved	s inspect		manner prescribed
	A Flt. Stand	ards Man	ufacturer	-	Ma	intenance Or	-	Depa	tment of Tra	l by Canadian Insport
	A Designee		air Station			spection Autho	orization	ther (Spe	ыну) 	
Certificate or Designation N	•	Signa	ature/Date of Author	orize	3 7	ndividual				

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ription of Work Accomp	plished ach additional sheets. Identify with	aircraft nationality a	 ad registration mark ar	d date work compl	eted )
ne space is required, alla	ach additional sheets. Identity with		a registration more as		
			N3207Q	10-1	1-12
	,	Nation	ality and Registration		Date
	Garmin GDL 69/69A XM Sate	ellite Datalink Int	erfaced to GNC420	W GPS	
		· ·			
No equipment remov	wed for this installation.				
PHI-206L-13122, Re	GDL69/69A XM Satellite Datalite evision A. Installation was appro , by DER Verl Herd, Designation	oved on FAA Form	n 8110-3, dated July		
	eets the requirements of Rotorcra	ift Airworthiness S	tandards for 14 CFR	Part 27 of the fol	lowing
paragraphs: 27.1301	Equipment installed perfor	ms its intended fur	nction		
27.1309(c)	Equipment installed is not	a hazard in the eve			
27.1321 27.1351	Arrangement and visibility Electrical loads does not ex		nacity		
27.1351	Circuit device protection	ceed generator caj	pacity		
27.1365	Electric cable type and load				
27.1547	Compass system tested and				
27.1581(b)	Flight Manual Supplement	provided if require	ed		
Equipment list update	ted to reflect installation of this	system.			
Actual weight and ba	alance complied with.				
Compass system test	ted and corrected.				
Electrical load does r	not exceed 80% generator outpu	ıt.			
Pilot's Guide addend	dum number 190-00356-30, Rev	vision H, or later ar	proved revision is re	quired for this in	stallation
	on board when operating the Ga				-
		1.M.D			
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FAA Form 337 (10-06)

				DEF	RT-710121-SW-12/201
	U.S. DEPARTMENT O				1. DATE
				200	July 24, 2012
STATEMENT OF		R AIRCRAFT COMPO			· · · · · · · · · · · · · · · · · · ·
2. MAKE	3. NODEL NO.	4, TYPE (Alcoraft, En		5. NAME OF	APPLICANT
Bell	206L-3	Helico	pter	PHI, Inc Lafayette,	LA.
· · · · · · · · · · · · · · · · · · ·		LIST OF DA		· · · · · · · · · · · · · · · · · · ·	
6. IDENTIFICATION			7. TITLE		
PHI-206L-13122 Rev A, Dated 8/30/11	Garmin GDL 69	XM Satellite Radio	Data Link Rece	lver	
	Notes: 1. This 8110-3 ag	pproves the desigr	aspects of the a	avionics/ele	ctrical data only.
			-		
	· · · · ·				
8. PURPOSE OF DATA In support of a major alt	eration on Bell 206L-3	3 S/N 51540, N320	17Q only.		
9. APPLICABLE REQUIREMEN	TS (List specific sections)				
14 CFR: 27.1301(a,b,c)	Amdt 27-0; 27.1357(a	a,b,c) Amdt 27-13;	27.1365(a,b,c)	Amdt 27-35	
10. CERTIFICATION - Under a Part 183, data listed above and with applicable requirements of th	on altached sheets numbered	d <u>XXXXXXXXX</u> have been	in accordance with co examined in accordar	nditions and lim nce with establis	Italians of appointment under 14CFR shad procedures and found to comply
l ( <del>We</del> ) Therefore		proval of these da	ta		
	Approve these o			,	
11. SIGNATURE(S) OF DES	NGNATED ENGINEERING REPRE	SENTATIVE(S)	DERT-71012		13. CLASSIFICATION(S) Electrical Systems & Equipment
Un a					
			. <u> </u>	<u> </u>	

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FAA Form 8110-3 (03/10) SUPERCEDES PREVIOUS EDITION COMPUTER GENERATED FORM BY Aviation Design Management

US Department of Transportation Federal Aviation Administration			PR REPAIR ANI Powerplant, Pro		-		Approved Jo. 2120-0020 2007	Electronic Tracking Number For FAA Use Only
instructions a	and dispos	t or type all entr sition of this form .C. §46301(a))	ies. See Title 14 C . This report is requ	FR §43.9, Part 43 ired by law (49 U.9	Appendix B, a 5.C. §44701). F	nd AC 43.9 ailure to rep	-1 (or sub ort can res	sequent revision thereof) for solut in a civil penalty for eac
	Nationalit N320	ty and Registratio	n Mark		Serial No. 51540			
1. Aircraft	Make				Model			Series
	Bell				206			L-3
2. Owner	Name (A. PHI,	-	ration certificate)		Address (As Address 2001 City Lafay	SE Evange		
				3. For FAA Use	-	8-2156	Count	y USA
Date	- Ý	23/12	ift, subject to coa	nformity inspector:	tion py/a per	son autho	rized in {	§ 43.7" _ SW-BTR-FSDO
4. Type				 5. Unit Identifica	itlon			
Repair A	Alteration	Unit	Ma	ake		Model		Serial No.
		AIRFRAME			(As describe	ed in Item 1 a	above)	
		POWERPLANT						
		PROPELLER						
			Type Manufacturer					
			6	. Conformity Stat				
A. Agency's Name PHI, Inc		dress	<u> </u>	B. Kind of Agenc U. S. Certifica		· · · · · ·	Мари	ufacturer
ddress P. O. B	ox 90808	}		Foreign Certif	icated Mechanic		C. Certific	
الي <u>Lafayet</u> به 70509-0		mtry USA	State <u>LA</u>	Certificated R	epair Station aintenance Organ	Ization		HEER617E
D. I certify th have beer	nat the rep n made in	air and/or alterati accordance with rue and correct to	the requirements of the best of my know	(s) identified in ite Part 43 of the U.S. wledge.	m 5 above and	described of	on the reve as and that	rse or attachments hereto t the information
er 14 CFR Par pp. B				ANON US		Ð		10-11-12
						vas inspecto		manner prescribed by th
Inspe	Fit. Stand: ector	ards Manu	lfacturer	Maintenance Org		Persor		d by Canadian Insport
FAA	Designee	X Repa	ir Station	Inspection Autho	rization	Other (Spe	cify)	
ertificate or esignation No. HEE	R617E		ture/Date of Authoriz	Andividual	) Recu	415		10-11-12

1

ription	of Work Accomplish	ned		<i></i>			
iore spa	ace is required, attach	additional sheets. Identify	y with aircraft n	ationality an	d registration	mark and dat	e work completed.)
					N32070	2	10-11-12
				Nationa	ality and Regis	tration Mark	Date
	Garmin GNC 420V	V System Interfaced v	vith L-3 Com	m SKY497	7 Skywatch :	and KCS 55	A Compass System
1.	Domovod Trimble	CDS materia for a this in			•		
1.	Kemoved Trimble	GPS system for this in	stallation.				
2.	Installed a Garmin PHI Electrical Dia 206L-PS-0104, Re	GNC 420W GPS inter grams. PHI-206L-1290 ev. IR.	faced to a L-3 08, Rev. C, PI	3 Communi 11-206L-12	cations SKY 763, Rev. B,	497 Skywat and PHI Pic	ch in accordance with ture & Sketch PHI-
3.	Installed the follow	wing Avionics compone	ents:				
		vpe <u>Descrip</u>		Station/L		Circuit Bre	
		420W GNC NAV/ A-56 GPS An		41.00/Cente		5 Amp	)
		121 VHF An		85.25/Serve 65.00/Serve		N/A N/A	
		525A HS		39.00 / In		N/A	
4.	All Avionics circu labeled. All wire u	it breakers are located i sed is MIL-W-22759 a	in the aircraft nd MIL-W-27	manufactur 7500 interco	er's supplied	l panels and	are appropriately
5.	These components	were previously instal	led on a PA-3	2 in accord	ance with ST	°C SA00705	WI.
6.	These avionics inst	tallations are in accorda	ance with the	manufactur	er's installat	ion instruction	ons as follows:
	<u>MFG</u>	<u>Ty</u>	pe		lation Manua		Revision
	Garmin	400W			190-00356		G
	L-3 Communicat				009-10800-		G
	Allied Signa	1 KCS 55A Cor	npass System		006-00111-0	007	11
7.		shed in accordance wit					
	A.C. 43.13-1B	CHAPTER 11		ON 3-6			d protection.
		CHAPTER 11	SECTIO				ig and connecting.
	A.C. 43.13-2B	CHAPTER 10	SECTI				considerations.
	A.C. 45.15-2D	CHAPTER 1 CHAPTER 2	PARA 1 PARA 2			I mounting	data. mounting techniques.
		CHAPTER 3	PARA 2 PARA 3				nounting techniques.
	PHI ESM-1	CHAPTER 1	1711015	05-510			Specification and
		THRU 12				Practices M	
8.	Work performed m following paragrap	eets the requirements of the test the requirements of the test of test	of Rotorcraft A	Airworthine	ss Standards	for 14 CFR	Part 27 of the
	27.1301	Equipment installed	performs its i	intended fu	nction		-
	27.1309(c)	Equipment installed	is not a hazar			inction	
	27.1321	Arrangement and vi					
	27.1351	Electrical loads does	s not exceed g	enerator ca	pacity		
	27.1357	Circuit device protect			-	5. 	
	27.1365 27.1547	Electric cable type a Compass system test		vtod	•		
	27.1581(b)	Flight Manual Suppl	lement provid	led if requir	ed		
	Reviewer			-			
9.	-	ated to reflect installation		æm.			
10.	Actual weight and l	balance complied with,					

#### <u>337ATTACHMENT SHEET DATED 10-11-12</u>

ά,

- 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 2 dated <u>4-23. 20/2</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 <u>10-26-2012</u> to assure that the accuracy requirements of AC20.138, paragraph 6 were met during flight (X) YES () NOT APPLICABLE.
- 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 C, PHI-206L-12763, Rev. B, and PHI Picture & Sketch PHI-206L-PS-0104, Rev. IR.
- 17. Instructions for continued airworthiness PHI-915-206L-ICA-0018, Revision 1, dated April 10, 2012 are attached.

US Departme of Transporta			DR REPAIR AN				OMB	Appr No. 2 )/2007	120-0020	Electronic Tracking Number
Federal Avia Administratio	tion	(Mirirame, )	Powerplant, Pro	pel	ier, or App	mance)				
instruction	is and dispo tion. (49 U.S	sition of this form .C. §46301(a))	. This report is requ	FR §	343.9, Part 43 by law (49 U.	S.C. §44701).	and AC 43. Failure to re	9-1 port	(or subs can res	sequent revision thereo ult in a civil penalty for
	Nationali	ty and Registratio				Serial No.	515-			
1. Aircraft	Make	N 320		· · · · ·		Model	4.9			Series
		BELL					206			L-3
	Name (A	s shown on regis	tration certificate)				s shown on r			
2. Owner	F	THE	INC				-WFA48			GELINE TRU State LVA
							508-2	56	Countr	y U.S.A.
				3.	For FAA Use	Only				·
4. Ty	/pe	1	· · · · · · · · · · · · · · · · · · ·	5. 1	Unit Identific:	ation				
Repair	Alteration	Unit	м	ake			Model			Serial No.
		AIRFRAME				(As descri	bed in Item 1	abo	ve)	·····
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		PROPELLER				-				011 10011
	······		Туре	e a li si						
Π		APPLIANCE	Manufacturer							
			manufacturer							
					nformity Stat				1	
A. Agency's I Neme Cador				B. I	Kind of Agenc	y ated Mechanic				
Address 2070	Logan Ave.			H		ficated Mechanic	;	C	Manuf Certifica	acturer ate No.
Man Pon	peg		state <u>Manitoba</u>	Ë	Certificated R	tepair Station				
210 R2R (	territoria de la constante de la const	intry Canada				laintenance Org			86-91	
		accordance with	ion made to the uni the requirements of 5 the best of my kno	Pan	43 OF IDE H S	m 5 above an Federal Aviat	d described ion Regulatio	on th ns a	ne rever nd that	se or attachments here the information
Extended ran		Signa	ture/Date of Authori	zed l	ndividual					
per 14 CFR F App. B	'art 43 [	$\square$ $\square$	THE G	M	TCHELL				J	IAN 0 6 2009
			7. Ap	prov	al for Return	to Service				
Administrat	or of the Fed	rity given perso eral Aviation Adn	os specified below ninistration and is	, the	unit 'identifie	ed in item 5 Approved	was inspect	ted i ed	in the	manner prescribed by
	A Fit. Stand	ards Manu	ufacturer X	Ма	intenance Org	anization	X Perso Depar	ns Aj tmen	pproved I It of Tran	by Canadian sport
	A Designee	Repa	ir Station	Ins	pection Autho	rization	Other (Spe	cify)		
Certificate or Designation N	0.	Signal	ture/Date of Authori:	zed Ir	ndividual		- <b>1</b>			
86-91		2	-m I	). W	ITCHELL	CAI 09			JAN	V 0 6 2009
1. A. A. B. S. Mat.										

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 Acc (If more space is required	complished d, attach additional sheets. Identify with aircra	ft nationality and registration mark and date work completed.)	
	an a	N 32076 5+4-09	
		Nationality and Registration Mark Date	
• ************************************			
REF. W/O #	GP SUPPORT	N# 23066726 S/N# DW33800	
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<b>TSO:</b> 0.00	TSN: UNK	CYCLES: UNK	
2	RR250 C30 14W3 OHM 2ND EDITIC & PRPL 2-D003: FORWARD FLANGE & PILOT AFT PILOT CHROME REPAIRED AND FINAL G O/H/M 2ND ED TR E2R14-72-3 DTI BEARING BORE SE GRIT & GLASS BEAD TREATED FC 2ND EDITION TR E2R14-72-3 DTD COMPLIED WITH CEB 72-3221 FINAL INSPECTION ADDITIONAL MAINTENANCE REQ NONE	W PRPL 1-8 TS IAW RR250 C30 4-72-3 DTD JULY 15/08 G IAW RR250 C30 14W3 OHM JULY 15/08 & PRPL 2-D003 ALMACHINED THE FOLLOWING IAW DN TR E2R14-72-3 DTD JULY 15/08 AFT FLANGE NOZZLE MOUNT FACE SROUND THE FOLLOWING IAW RR250 C30 14W3 D JULY 15/08 AND PRPL 2-D003: AL BORE SHOULDER DR APPEARANCE IAW RR250 C30 14W3 OHM JULY 15/08 & PRPL 2-D003 UIRED:	
1913 - 1913A	ALL RECORDS OF WORK PERFOI NO FURTHER STATEMENTS TO F		
JAN 0 6 2009 DATE:	SIGNATURE:	CAI 09 STAMP	
		Sheets Are Attached	

FAA Form 337 (10-06)

US Department of Transportation Federal Aviation Administration			AJOR REPAIR e, Powerplant,				ce)				2120-0020 or FAA Use (	Only
and disposit	tion of this form	ı. ihr	entries. See FAR 4 s report is require 901 Federal Aviati	d bv law	R 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof w (49 U.S.C. 1421). Failure to report can result in civil penalty not of 1958).							instructions eed \$1,000
	Make Bell				Model 206L-3							
1. Aircraft	Serial No.	540							Registration	Mark		
2. Owner	Name (As sh	Name (As shown on registration certificate) Petroleum Helicopters, Inc.				N3207Q Address (As shown on reg 2001 SE Evangeline Thru Lafayette, LA 70508-2150					ertificate)	
						or FAA Use C	nly		·			
				<u>,</u>	4. Uı	nit Identificat	on	<del></del>			5. Туре	
Unit		Ma	ake	-		Model			Serial N	0.	Repair	Alteration
AIRFRAME	-			(As desc	ribed	t in Item 1 abc	ve)———					×
POWERPLANT									·			
PROPELLER										···· · · ·		
	Туре					<u></u>						
APPLIANCE												
APPLIANCE	Manufacturer								÷.			I
						ormity State	ment					
A. Agency's N	ame and Addre				B. Ki	nd of Agency				C. Certific	·····	
A. Agency's Na Petroleum Helico P. O. Box 90808	ame and Addre opters, Inc.				B. Ki		1 Mechanic				cate No. HEER6171 ame, Powerpl	
A. Agency's Na Petroleum Helico	ame and Addre opters, Inc.				B. Ki	nd of Agency U.S. Certificated Foreign Certifica Certificated Rep	Mechanic ted Mechan	ic		Airfr	HEER6171 ame, Powerpl ccessories Lin	lant, and hited -
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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, Revision 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.

2) DESCRIPTION:

Installation of a cargo retraining net mounted across the hat rack opening.

- CONTROL, OPERATION INFORMATION: Secure top out board straps over threaded studs and retain with lock pins.
- 4) SERVICING INFORMATION: None required.

Additional Sheets Are Attached

Electronic Version (Adobe)

### <u>337 ATTACHMENT SHEET DATED N3207Q S/N 51540 MODEL 206L-3</u>

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- 5) MAINTENANCE INSTRUCTIONS: Petroleum Helicopters Inc. Maintenance program or FAA Annual. Inspect for condition and security.
- 6) TROUBLE SHOOTING INFORMATION: None required.
- 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 END

0		MAJOR				ERATIO	DN		Form Approve OMB No. 2120-0020 2/28/2011	əd	Electronic Tracking Number
US Department of Transportation Federal Aviation Administration	n		werplant, P								For FAA Use Only
for instruc	tions and d	isposition of th	ries. See Title 1 is form. This re S.C. §46301(a))	port i	R §4 s re	43.9, Part 4 equired by	l3 Appendix law (49 U.S	B, a .C. §	nd AC 43.9- 44701). Fai	-1 (o llure	r subsequent revision thereof) to report can result in a civil
		and Registration					Serial No. 5154	0			
1. Aircraft	Make Bell	1PA					Model 206	<b></b>			Series
2. Owner	Name (A	s shown on registra , Inc.	ation certificate)	ertificate)				Qui L <del>af</del> i	L L3 shown on registration certificate) Quality Assurance 2001 SE Ey Lafayette Country 70508-2156 US		2001 SE Evangeline Thruway State
				3.	. Fo	r FAA Use	Only				
<b>4.</b> T	уре					5. L	Init Identific	atio	n		
Repair	Alteration	Unit		Mak	e			Мо	del		Serial No.
	$\boxtimes$	AIRFRAME					(As describ	ed in	Item 1 abov	/e)	<b></b>
		POWERPLAN	лт		-						
		PROPELLER	Туре								
		APPLIANCE	Manufactu	rer				<u></u>			
						formity Sta					
A. Agency's Name	BELL HE	Address	TRON INC	<u> </u>		d of Agency S. Certifica	/ ted Mechanic	;			Manufacturer
Address City Zip		NT DES MOUT		x	Fo	oreign Certi ertified Rep	ficated Mecha	anic	ition	CR	Certificate No. S B1H2300N Limited Airframe Nited Specialized Services
have b	een made in	accordance wit	tion made to the h the requirement to the best of my	ts of F	Part	43 of the U	em 5 above a .S. Federal A	nd de viatio	escribed on the scribed on the scrib	he re ns an	verse or attachments hereto d that the information
Extended ra per 14 CFR App. B	nge fuel		Signature/Date				dual				_
ם .קקר			7	. App	orov	al for Ret	urn To Serv	ice			
Pursuant to Administrat	the authori or of the Fe	ty given persor deral Aviation A	s specified belo Administration ar	w, the nd is	e un	it identified	l in item 5 wa APPROVED	as in	spected in th REJECTE	ne m D	anner prescribed by the
BY	FAA Flt. Inspecto	Standards r	Manufactu	rer		Maintena	ance Organiz	ation	<u>ו</u>		Persons Approved by Canadian Department of Transport
	FAA Des	signee	X Repair Stat	tion		Inspectio	n Authorizat	ion	0	ther	(Specify)
Certificate of Designation B1H2300N			Signature/Date		thoi	rized Indivi	dual .	2	h		

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FAA Form 337 (10-06)

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Weight and balance or oper		NOTICE be entered in the appropriate a	sizes of the second second second	
compatible with all previous a	Iterations to assure continued	conformity with the applicable a	ircraft record. An alter irworthiness requireme	ration must be ents.
8. Description of Wor (If more space is required, attach a	rk Accomplished dditional sheets. Identify with aircr	aft nationality and registration mark	and date work completeo	.)
		N231E	н 8-3	0-2017
•		. Nationality and Regis	tration Mark	Date
NOMENCLATURE: HOI ORIGINAL PART NUME SERIAL NUMBER: AO-4 WORK ORDER NUMBE	3ER: 206-023-119-151 04209	R		
OVERHAULED PANEL TEXTRON, INC. FAA REVISION A, DATED 8/3	APPROVED OVER	E IN ACCORDANCE IAUL PROCEDURE	WITH BELL HE NUMBER PHI-4	ELICOPTER 50-OP-052
	END			
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	Additional St	eets are Attached		

63	MAJOR REPAIR AND ALTERATION								Form Approved				
US Department	(/	(Airframe, Powerplant, Propeller, or Appliance)								OMB No. 2120-0020 For FAA Use Only			
of Transportation Federal Aviation							· _	Office Identification					
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and disposition	of this form. This n (Section 901 c	s rep	ort is required b	y law (	(49	U.S.C. 1421), Failu	ire to re	port	can result in a	civil pe	enalty not to exc	eed \$1,000	
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Administrator of	the Federal Avia					APPROVED			<b></b>			-	
Inspe	It. Standards		Manufacturer			Inspection Authori			Other (Speci	fy)			
BY FAA I	Designee	x	Repair Station			Person Approved Transport Canada Airworthiness Grou	•			- 64.0- 10-10-10-10-10-10-10-10-10-10-10-10-10-1			
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FAA Form 337 (1	2-88)				· · · ·			6					

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: HORIZONTAL STABILIZER ORIGINAL PART NUMBER: 206-023-119-151 SERIAL NUMBER: WORK ORDER NUMBER: W53192AA 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------END------

Additional Sheets are Attached

FAA Form 337 (12-88)

US Departin of Transport Federal Avi Administra	tation ation	(Airf		DR REPAIR AN Powerplant, Pi				OMB	Approved No. 2120-0020 /2007	Electronic Tracking Number 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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FAA Form 337 (10-06)

1.2. A									
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and dispo	CTIONS: Print or type all entries. See FAR 43. sition of this form. This report is required by such violation (Section 901 Federal Aviation	law (49 U.S.C. 1421). Fa	ind AC 43 ailure to r	3.9-1 (or subseque eport can result in	nt revision a civil pena	thereof) for i alty not to exc	nstructions ceed \$1,000		
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Date	-16 - 92	Signature of Autho	rized Indi	ividual	7	DAVIS			
	7. /	Approval for Return To	Service		·				
Pursuant to Administrat	o the authority given persons specified be tor of the Federal Aviation Administration a	low, the unit identified	in item 4 )□ R	4 was inspected i EJECTED	n the man	ner prescribe	ed by the		
	A Flt. Standards Manufacturer	Inspection Authoriza	tion	Other (Specify)					
	A Designee X Repair Station	Person Approved by Canada Airworthines	s Group						
	by al or Rejection Certificate or Designation No. HEER617E	Signature of Author		vidual		DAVIS			

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 a cargo net to restrain cargo in the hat rack area--Station 148.

See PHI Drawings 206L-507, sheets 1,2, and 3 of 3.

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.

The weight and balance was computed and equipment list amended as necessary.

Installed placard on hat rack as follows:

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

--END--

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# NOT INSTALLED

Additional Sheets Are Attached

and disposition for each such v	MAJOR REP (Airframe, Powerp) NS: Print or type all entries. See FA of this form. This report is require iolation (Section 901 Federal Avi	lant, F		ALTERATI			Form App		br.
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P.O.Box 90 Lafayette,			X Certificated Repair Station			RADIO CLASS 1,2, & 3 CRS NO. HEER617E			
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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 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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			5. Conformity Staten	ient			<u> </u>	L
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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 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.

Structure will withstand required loads AC 43.13-2A, Chapter 1, Paragraph 2. Fabrication is consistent and compatible with aircraft structure AC 43.13-2A, Chapter 1, Paragraph 5. Materials and fasteners all of approved types AC 43.13-2A, Chapter 1, Paragraphs 4 and 5. Parts are protected from corrosion and do not interfere with required inspection.

Equipment located where it is sufficiently cooled and would not be a smoke hazard or ignite readily flammable 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.

#### ----END-----

## NOT INSTALLED

Additional Sheets Are Attached

US Departmen of Transportali Federal Aviat	on <b>(Airfra</b> Ion	MAJOR REPAI ame, Powerpla					:)	0	F	roved 2120-0020 o <b>r FAA Use</b> ntification	Only
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FAA Form 337 (12-88)

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(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-SR000113BO and PHI drawing number PHI-206-60387 Rev. IR, dated 10-02-2001. This installation is in conjunction with Altair Avionics Corporation-Allied Signal Aerospace Intellistart STC-SE00026EN. Complied with ASB-0002 Rev. A and ASB-0003 Rev. A.

Weight and balance amended.

Additional Sheets Are Attached

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US Department of Transportation Federal Aviation Administration		rframe, Powe	•				12/28/2011		r FAA Use Only
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	\square	AIRFRAME				(As described	in Item 1 abov	e) -	
		POWERPLANT							
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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 sheets. Identify with aircraft nationality and registration mark and date work completed.)

	N231PH Nationality and Registration Mark	8-30-2012 Date
NOMENCLATURE: KICK PANEL ORIGINAL PART NUMBER: 206-031-102-055 UPGRADED TO PART NUMBER: 206-031-102-125 SERIAL NUMBER: BCJ3297R WORK ORDER NUMBER: W175890AA		
OVERHAULED PANEL MENTIONED ABOVE IN TEXTRON, INC. FAA APPROVED OVERHAUL REVISION A, DATED 5/1/98 AND UPGRADE PROCEDURE PHI-450-OP-050 DATED 10/15/02, RI	PROCEDURE NUMBE D IN ACCORDANCE	R PHI-450-OP-002,
END		
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Additional Sheets are Attached

0		MAJOR	RE			LTE	RATIC)N	OMB	-0020	Electronic Tracking Number
US Department of Transportation	(Ai	rframe, Po	wei	plant, Pro	pel	ller,	or Ap	pliance)			For FAA Use Only
Federal Aviation											
Administratio		t or type all ont	rige	See Title 11	CER	8/3	9 Part 4	3 Annendix	B and A(2 43 9-1	(or subsequent revision thereof)
for instruc	tions and di	sposition of thi	s fo	rm. This repo	ort is	requ	uired by	law (49 U.S.	C. §4470	1). Failu	re to report can result in a civil
penalty for		violation (49 U.		§46301(a))				Serial No.			
		31PH	VICIN					51540	D		
1. Aircraft								Model	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Series
	Bell		tion	artificata				Address (As	shown on	rogistration	L-3
		s shown on registra		sentinoate)				Address			e 2001 SE Evangeline Thruway
2. Owner	PH	l, Inc.						City Zip	Lafayette	_	State <u>LA</u>
									70508-2	1560	ountry USA
					3.	For	FAA Use	Only			
4. 1	Гуре						5. L	Init Identifica	ation		
Repair	Alteration	Unit		ſ	Make	e			Model		Serial No.
		AIRFRAME						(As describe	ed in Item	1 above)
		POWERPLAN	١T								
		PROPELLER									
				Туре							
		APPLIANCE		NA							
				Manufacture	er						
					6. C	onfo	ormity St	atement			
	's Name and					Kind	of Agenc	у			
Name Address		ICOPTER TEX						ted Mechanic ficated Mecha			Manufacturer
City	LAFAYET		tate	LA	X			air Station			CRS B1H2300N Limited Airframe
Zip	70507	Country U	.S.A			Cer	tified Mai	ntenance Org	anization	L	imited Specialized Services.
have	been made ir		h the	e requirements	s of P	Part 4	3 of the L				e reverse or attachments hereto and that the information
Extended r per 14 CFF App. B			Sig	nature/Date o	Aut	thoriz	zed Indiv	dual			
			(7.	App	próva	al for Ref	urn To Serv	ice		
		ity given person ederal Aviation				e unit		d in item 5 wa APPROVED		ted in the	e manner prescribed by the
BY		Standards		Manufacture	- 1			ance Organiz			Persons Approved by Canadian Department of Transport
	FAA De		Х	Repair Stati			Ineposti	on Authorizat	ion	Oth	ner (Specify)
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Designation B1H23001			-	ANT McDAN			A	(/4/4			

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.)

		8-30-2012
	N231PH Nationality and Registration Mark	Date
NOMENCLATURE: KICK PANEL ORIGINAL PART NUMBER: 206-031-102-057 UPGRADED TO PART NUMBER: 206-031-102-153 SERIAL NUMBER: BCSBJ98	3	
WORK ORDER NUMBER: W189803AA		
OVERHAULED PANEL MENTIONED ABOVE IN TEXTRON, INC. FAA APPROVED OVERHAUL REVISION A, DATED 5/1/98 AND UPGRAD PROCEDURE PHI-450-OP-050 DATED 10/15/02, R	PROCEDURE NUMBE	R PHI-450-OP-002,
END		

Additional Sheets are Attached

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		Make						Model				
1. A	ircraft	BE	LL		· · · · · ·				206L-3	,		
		Serial No.	540						y and Registra	tion Mar	k	
				on registration ce	rtificate	e)	<u></u>		N3207Q As shown on re	aistratio	on certificate)	
2. 0	wner			edit Corpora				111 1	Westminste idence, RI	er Str	eet	
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POW	ERPLANT								· · · · · · · · · · · · · · · · · · ·			
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Lč	arayett	:e, La 70	509				Manufacturer				NO. HEER6	
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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 THE FOLLOWING EQUIPMENT STATION DRAWING NUMBER MODEL 1 ea. King KT76A Transponder System 40.00 PHI-20611-11094 PHI-20611-11094 1 ea. ACK A-30 Blind Encoder System 30.00 Individual systems protected by following circuit breakers: KT76A - 3.0 amp, ACK A-30 3 amp. Battery and generator are sufficient for electrical load according to AC43.12-2A, 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 against fuel, oil, water and other detrimental substances and abrasion damage AC43.13-2A, Chapter 2, Para. 27A-2. Wires and cables are supported by insulated clamps to prevent chafing according to AC43.13-1A, Chapter 11, Section 7, Para. 518. Equipment located where it is sufficiently cooled and would not be a smoke hazard or ignite readily inflammable parts of the aircraft. AC43.13-2A, Chapter 2, Para. 21A and 27E. Equipment switches and circuit breakers placarded for radio installation as required AC43.13-2A, Chapter 2, Para. 27C (4). Adequate means of inspection are provided for racks, related parts, equipment and adjacent components according to AC43.13-2A, Chapter 1, Para. 8. Antenna installation located and installed similar to AC 43.13.2A, Chapter 3, paragraphs 36a and b and 38b. Also followed guides of paragraph 42. * For Transponder Certification: I certify that Transponder, Part Number KT-76A, has been tested and inspected and found to comply with (FAR 91.413 and (FAR 43 Appendix F.) For Automatic Pressure Altitude Reporting Certification: I certify that the installed Automatic Pressure Altitude Reporting System has been tested and inspected and found to comply with (FAR 91.411) and (FAR 43 Appendix E, paragraphs a and c) Compass corrected as required. Amended weight and balance as required. -END-

Additional Sheets Are Attached

☆U.S.G.P.O. 1990-761-753

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US Department of Transportation Federal Aviation	(Airframe, Powerpla	IR AND ALTERATI Int, Propeller, or Ap		2)		2120-0020 or FAA Use	Only
and disposi	TONS: Print or type all entries. See FAR ition of this form. This report is required ch violation (Section 901 Federal Aviat	l by law (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
1. Aircraft	Make BELL Serial No.		Model	206L-3 lity and Registrati	oo Mark		
	51540 Name (As shown on registration cer	tificate)	Address	N3207Q (As shown on reg	gistration c		
2. Owner	Fleet Credit Corpora	tion		Westminster vidence, RI		t	
		3. For FAA Use O	nly	·····			
	· · · · · · · · · · · · · · · · · · ·						
		4. Unit Identificat	ion	·····	•	5. Type	
Unit	Make	Model		Serial N	0.	Repair	Alteration
AIRFRAME	······································	As described in Item 1 abo	ve)	·····	•		X
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P.O.Box	um Helicopters, Inc. 90808 te, La 70509	Foreign Certific X Certificated Rep Manufacturer	ated Mecha	Inic	& ACCI RADIO	ESSORIES CLASS 1 . HEER6	LIMITED
have bee	hat the repair and/or alteration made to an made in accordance with the require d herein is true and correct to the best o	the unit(s) identified in iter ments of Part 43 of the U.	n 4 above a S. Federal	and described on t Aviation Regulati	he reverse	orattachme	nts hereto
Date	-16-92	Signature of Autho	orized Indi	vidual		DAVIS	,
· · · · · · · · · · · · · · · · · · ·		7. Approval for Return To	<u>A</u>	a Di	<u> </u>		
Pursuant to Administrato	the authority given persons specified or of the Federal Aviation Administratio	below, the unit identified	d in item 4	was inspected in	n the man	ner prescrib	ed by the
	Fit. Standards Manufacturer	Inspection Authoriza	ation	Other (Specify)	·		
FAA	Designee X Repair Station	Person Approved by Canada Airworthines	ss Group				
Date of Approv	val or Rejection Certificate or Designation No. HEER617E	Signature of Autho	rized Indiv	ridual	ź~ I	DAVIS	

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 THE FOLLOWING EQUIPMENT MODEL STATION DRAWING NUMBER 1 ea. King KY196A VHF System 1 ea. PHI COLL Mixer Box & ICS System 1 ea. RNAV 20/21 Loran System 1 ea. Avionics Master Circuit 2 ea. FF-40 FM Radio System 1 ea. DK100 Dukane Pinger PHI-11368 PHI-11360 43.30 48.00 47.54 PHI-206B/L-11181 PHI-206L3-11698 73.00 PHI-11170/11108 44.00 403-206L+B 225.00 The Dukane "pinger" is a self contained battery unit and does not use any aircraft systems. It is utilized as an aid in locating underwater wreckage of crashed aircraft. Individual systems protected by following circuit breakers: VHF KY196 - 7.5 amp, PHI mixer box/ICS - 5 amp, RNAV Loran - 5 amp, and FF 40 Radio - 5 amp. Battery and generator are sufficient for electrical load according to AC43.12-2A, 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 against fuel, oil, water and other detrimental substances and abrasion damage AC43.13-2A, Chapter 2, Para. 27A-2. Wires and cables are supported by insulated clamps to prevent chafing according to AC43.13-1A, Chapter 11, Section 7, Para. 518. Equipment located where it is sufficiently cooled and would not be a smoke hazard or ignite readily inflammable parts of the aircraft. AC43.13-2A, Chapter 2, Para. 21A and 27E. Equipment switches and circuit breakers placarded for radio installation as reguired AC43.13-2A, Chapter 2, Para: 27C (4). Adequate means of inspection are provided for racks, related parts, equipment and adjacent components according to AC43.13-2A, Chapter 1, Para. 8. Antenna installation located and installed similar to AC 43.13.2A, Chapter 3, paragraphs 36a and b and 38b. Also followed guides of paragraph 42. Installation of Loran meets the requirements of Advisory Circular 20-121, paragraph 6a1, 2, and 3 App. 1 and App. 3. Loran is a stand alone unit and for V.F.R. use only. Compass corrected as required. Performed Actual Weight and Balance. -----END-----END------

US Department of Transportation Federal Aviation Administration		(Air		PR REPAIR Al Powerplant, P					•	Form Ap OM8 No 11/30/20	2120-002	Electronic Tracking Number For FAA Use Only
	and dispos	ition c	of this form									osequent revision thereof) for sult in a civil penalty for each
	Nationalil N320	-	Registralio	n Mark				Serial No. 51540				
1. Aircraft	Make Bell	// St						Model				Series
		s show	vn on reais	tration certificate)				206 Address (As	shown	on rea	istration	L-3 certificate)
2. Owner	PHI,		, on ogio					Address 2001	SE Ev			uway
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scription more spa	of Work Accomplis	hed additional sheets. Ic	dentify with aircraft n	ationality and regis	stration mark and date	e work comple	eted.)
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				L	13207Q	10-11-	
				•	nd Registration Mark		Date
	L-3 Communica	itions SKY497 Sky	/watch Traffic Ad	ivisory System Ir	nterfaced to a Gar	min GNC-42	20W GPS
I.	No equipment ren	noved for this insta	illation.		4		
2.	Installed an L-3 (Communications Sk		to a Garr	min GNC-420W GF	DC in accorda	·
£	electrical diagram	is no. PHI-206L-12	2763, Rev. B, PHI-2	206-12908, Rev. 0	C, and PHI Picture	28 in accordant & Sketch PF	nce wim r 111 41-206L-PS-
	0036, Rev. G. "O	ption – 1" of PHI-2	:06L-12763 is bein	g used for this ins	stallation.	••	
3.		wing avionics com	ponents:	-			
	<u>MFG</u>	Type	<u>Des</u>	scription	Station/Lo		<u>C/B.</u>
	L-3 Communica L-3 Communica			eiver Computer	202.00/Aft ba 88.00/ Aft Serv		5.0 amp N/A
						Ū.	
3.	All Avionics circu	uit breakers are loca AIL-W-22759 and N	ated in the aircraft	manufacturer's su	upplied panels and a	are appropriat	tely labeled.
4.	These components	s were previously i	nstalled on an A23	CE aircraft in acc	cordance with STC	SA00733CH	i.
5.	These Avionics in	stallations are in a	ccordance with the	manufacturers in	stallation instruction	ons as follows	e,
	<u>MFG</u>	<u>T</u>	<u>YPE</u> <u>Ins</u>	stallation Manual i	<u>Number</u>	<u>Revision</u>	1
	L-3 Communica Garmin		Y-497 Series GPS	009-10800-00 190-00356-02		Rev. G Rev. G	
_				190-00505 -	2	Nov. 5	
6.	All work accompl A.C, 43.13-1B	lished in accordance CHAPTER 11		1. Elantri	I I the ord pre	·	
	Π.Ο. τσ. ισ. ισ.	CHAPTER II			cal loading and protouting, marking and	d connecting.	
		CHAPTER 10) SECTION	1-2 Weight	t and balance consid	iderations.	
	A.C. 43.13-2B				iral mounting data.		
		CHAPTER 2 CHAPTER 3			nent physical moun		
	PHI ESM-1	CHAPTER 1			na physical mountin pter Electrical Spec		
		THRU 12			rd Practices Manua		
7.	Work performed r	meets the requirement	ents of Rotorcraft	Airworthiness Sta	Indards for 14 CFR	Part 27 of the	e following
	paragraphs:	-					, 10.10
	27.1301 Eq	uipment installed p	erforms its intende	d function	· .1		
	27.1309(c) Eq 27.1321 Ar	uipment installed is rangement and visi	3 not a hazard in th ibility	e event of a main	anction		
		ectrical loads does i		or canacity			
	27.1357 Cir	rcuit device protect	tion	· · · ·			
		ectric cable type and			·		
		ompass system teste ight Manual Supple		equired			
	21.1001(0) 11	giit manuai Suppis	ment provided in re	quired	s and the second s		
8.	Equipment list upo	dated to reflect insta	allation of this syst	æm.			
9.	Actual weight and	balance complied	with.				

Additional Sheets Are Attached

- 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>4/23/12</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. C, and PHI Picture & Sketch PHI-206L-PS-0036, Rev. G.
- 15. Instructions for continued airworthiness PHI-915-206L-ICA-0019, Revision 1, dated April 17, 2012 are attached.

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and di	sposition	of this form.	This f	Il entries. See FAR a form is required by la 01 Federal Aviation A	w (49	AR 43 Appendix B, a U.S.C. 1421). Failure 1958).	and AC 43.9 to report ca)-1 (or subsequ an result in a ci	ent revision the vil penalty not	ereof) for ins to exceed \$	structio	
		Make Bo	ell H	elicopters			Model	206L-3				
1. Aircı	aft	Serial No. 51	1540		- 1		Nationality and Registration Mark N3207Q					
2. Own	er			on registration certific Credit Corporatio			Address (As shown on registration certificate) 5728 Jefferson Hwy #23502 New Orleans, LA. 70123-5113					
				······································		3. For FAA Use Only	1					
				· · · · · · · · · · · · · · · · · · ·		4. Unit Identification				5. Type		
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hav	e been m	nade in accord	dance	Iteration made to the with the requirement rect to the best of my	ts of F) identified in item 4 a Part 43 of the U.S. Fe rledge.	above and d deral Aviation	lescribed on the	e reverse or att and that the in	achments I formation	nereto	
Date						Signature of Authoriz	zed Individu	al	R.P.M. 1			
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Pursua Admini	strator of	the Federal A	Aviatio		, the u	nit identified in item 4	was inspe	REJECTED	• •	by the		
BY	FAA F Inspec	it. Standards tor		Manufacturer		Inspection Authorizat	tion	Other (Specif	y) `(
		esignee	x	Repair Station		Person Approved by Canadian Airworthine	Transport ess Group					
	Approval	or Rejection		Certificate or	·	Signature of Authoriz	ed Individu	al			-	

ę. 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 Installation

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 as required.

END 30

US Departmer of Transportatik Federal Aviat Administratio	(Airframe, Power	PAIR AND ALTE plant, Propeller, o			proved b. 2120-0020 For FAA Use entification	Only
anduispos	FIONS: Print or type all entries. See ition of this form. This report is required violation (Section 901 Federal A	// Integ by law (49 U S C 1)	ndix B, and AC 43.9-1 (o 421). Failure to report c	r subsequent revision an result in a civil per	n thereof) for i alty not to ex	nstructions ceed \$1,000
	Make	·····	Model			, <u></u>
1. Aircraft	Bell Serial No.	······	206L-3			
	51540			d Registration Mark		
	Name (As shown on registration	certificate)	N3207C) hown on registration	certificate)	
2. Owner	Fleet Credit Corporation	n			,	
	Theet creat corporation	**		ferson Hwy #23		
	1			eans, LA 70123	3-5113	
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Lafayette,	LA 70509	Manufaci	ed Repair Station		3 - CRS No. H	
	nat the repair and/or alteration made n made in accordance with the requ herein is true and correct to the be		in item 4 above and des he U.S. Federal Aviatio	scribed on the reverse on Regulations and th	or attachmer at the inform	nts hereto ation
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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 the Following Equipment:

- 1. Left folding step part number 206-536-105 according to STC SH2243SO.
- 2. Passenger and crew door air deflectors part number 206-249-015 and 206-249-005, respectively, according to STC SR01582AT.
- 3. Step-handle on the upper fuselage according to Aeronautical Accessories STC SH1366SO.

END

4. Aeronautical Accessories, Inc. replacement battery door in accordance with STC SR00044AT.

US Departmen of Transportat Federal Aviat Administratio	nt (Airfr Ion Ion	MAJOR REPAII ame, Powerplan	it, Prope	eller, or Ap	pliance)	0	ffice Identificati	Use Only		
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FAA Inspe	Flt. Standards ctor	Manufacturer		tion Authorizatio		ther (Specify)	<u></u>			
	Designee X			Approved by T ian Airworthines	-					
ate of Approval	-	Certificate or Designation No. HEER617E	Signat	ure of Authorize		Surchett	L			

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.)

Modification to input Pinion

Transmission S/N B-51792 T:T 4433:40 T.S.O. -0-

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.

NOT INSTALLED

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Additional Sheets Are Attached

US Department of Transportation Federal Aviation Administration				R REPAIR AND owerplant, Proj				Form Ap OMB No 11/30/20	2120-0020	Electronic Trackir For FAA Use Only	
INSTRUCT	and dispos	ition of this	form.	es. See Title 14 CF This report is requi	R §4 red b	43.9, Part 43 by law (49 U.S	Appendix B, a 5.C. §44701). Fa	nd AC 43.9-1 ailure to repo	l (or sub rt can res	sequent revisions and the sequent revision of the sequence of	on thereof) for enalty for each
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	Bell						206			L-3	
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FAA Form 337 (10-06)

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		7. Approval for Return To				
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1 1	Designee X Repair Station	Person Approved by Canada Airworthine	ss Group			
ate of Approv	al or Rejection Certificate or Designation No. HEER617E	Signature of Author				

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.

a a chaire a tha an a chair 8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) The PANDARA STATE OF THE SECTION AND THE PARTY OF THE NARCO ELT 910 (206L-3) 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 tiedown kit, ELT, and certain radio transceivers. Installed a Narco emergency locator transmitter ELT 910 and rack at Station 20 on the top shelf of the Avionics A/C tiedown rack. Installation done according to AC 43.13-2A, chapter 2, paragraph 28 of the Narco Owner's Manual and PHI Drawing Number 411-206L. Whip antenna was installed onto the top of the battery door at Station 16 according to AC 43.13-2A, chapter 2, paragraph 28 of the Narco Owner's Manual and PHI Drawing Number PHI-206-SER-504. Remote switching added and located to instrument panel and secured with approved fasteners. See PHI Drawing Numbers 409-206L and PHI 206L-12025. This work A STRATE SHOP TO THE OWNER AND A STRATE OF THE STRATE OF T 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 Materials and fasteners are all of approved types according 5. to AC 43.13-2A, chapter 1, paragraphs 4 and 5. Parts are protected from corrosion and do not interfere with required Ŧ inspection. Equipment is located where it is sufficiently cooled and would not be a smoke hazard or ignite readily flammable 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. Attaching hardware conforms to AC 43.13-2A, chapter 1, paragraph S. 199 6. Installation does not affect the safe operation of the aircraft according to AC 43.13-2A, chapter 1, paragraph 10. era in the second statement Compass corrected as necessary. Amended weight and balance as required. This modification is in accordance with data previously approved on FAA form dated May 15, 1991, for Bell 206L-3, N8587X, Serial Number 51464 and approved for duplication on identical make, model, and altered configuration when accomplished original modifier. END INSTAL

Additional Sheets Are Attached

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US Department		OR REPAIR							For FAA Use (July		
of Transportation Federal Aviation		Powerplant,	Prope	ller,	or Applian	ce)		Office lo	dentification	<u></u>		
Administration			-									
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	Make Bell					Model 20)6L-3					
1. Aircraft	Serial No. 51540					4	ty and Registratio	on Mark				
÷	Name (As shown on	registration cert	ificate)			N3207Q Address	(As shown on re	aistration	n certificate)			
2. Owner	Petroleum Helicop	ters, Inc.		2001 SE Evangeline Thruway Lafayette, LA 70508-2156								
				3. F	or FAA Use O	l						
"The techni	ical data identified l	has been found	to com	ply	with applicab	ole airwo	rthiness require	ements a	nd is hereby a	pproved		
for use only	on the above descr	ribed aircraft, s	subject	to c	onformity ins	pection b	by a person auth	horized i	in Section 43.7	7."		
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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.)

NAT PASSENGER PA (AA21-400) WITH MODIFIED WHELEN EXTERNAL PA/SIREN SYSTEM

Followed guidelines of FAA Approved Petroleum Helicopters, Inc. Electrical Specification and Standard Practices Manual.

Installed NAT Passenger PA with mod. Whelen External PA/Siren System in accordance with PHI wiring diagram no. PHI-407-12777 Rev. B Option 2.

The PA controller is mounted at Sta. 46.00 in the slant panel. Power is taken from the main bus and the system is protected by a 3 amp circuit breaker.

The Modified Whelen unit is mounted at Sta 19.00 attached to the avionics nose shelf. Power is taken from the main bus and the system is protected by a $7\frac{1}{2}$ amp circuit breaker.

The speaker is installed on the belly, aimed in the aft direction at Sta. 108.62 in accordance with PHI Drawing Number PHI-206-60512. Rev. A.

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

Electrical load of the revised system does not exceed 80% of total generated output as required by AC43.13-1B, Chapter 11, section 3, paragraph 11-30, 11-36 and section 4, paragraph 11-146.

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 AC43.13-1B, Chapter 11, section 11, paragraph 11-146.

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.

Equipment switches and circuit breakers placarded for radio installation as required by AC43.13-2A, Chapter 2, paragraph 27c(4).

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

Weight and balance amended.

Compass corrected as required.

Additional Sheets Are Attached

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Electronic Version (Adobe)

<u>337 ATTACHMENT SHEET DATED 8-26-04N32070</u> S/N 51540 MODEL 206L-3

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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: NAT Passenger PA (AA21-400) with Modified Whelen External PA/Siren System

- 1) INTRODUCTION: Installation of an NAT Passenger PA system in a Bell Model 206L-3 with a modified whelen unit for external PA and a External PA speaker mounted on the belly.
- 2) DESCRIPTION: System consist of a NAT Model AA21-400 Controller/Amplifier, a PHI mod. Whelen unit and a SA-340STS External PA speaker.
- 3) CONTROL, OPERATION INFORMATION: Control is accomplished by an on/off switch for the PA function at the NAT Controller/Amplifier. Audio for the PA is controlled by an internal/external switch on the AA21-400 Controller/Amp to the Interphone system
- 4) SERVICING INFORMATION: N/A
- 5) MAINTENANCE INSTRUCTIONS: 100 Hr. or Annual Inspection.
- 6) TROUBLE SHOOTING INFORMATION: See PHI-407-12777 Rev. B, Option 2.
- 7) REMOVAL AND REPLACEMENT INFORMATION: Opposite of installation.
- 8) DIAGRAMS: PHI-407-12777 Rev. B, Option 2, and PHI-206-60512 Rev. A.
- 9) SPECIAL INSPECTION REQUIREMENTS: Check general condition and security of speaker.
- 10) APPLICATION OF PROTECTIVE TREATMENTS: N/A
- 11) DATA: N/A
- 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 337and revised ICA. The FAA inspector accepts the change by signing block 3.

영어는 고문 가장 그 것 않는 것 같이.

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for each violation	on (Section 901 of Make	Federal Aviation A	Act of 19		Model				
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D. I certify that	the repair and/or	alteration made to	the unit	(s) identified in item 4	above 1	and described or	the rever	se or attachm	nents
information	furnished herein is	s true and correct t	requiren o the be	nents of Part 43 of the est of my knowledge.	e U.S. F	ederal Aviation F	Regulations	and that the	
Date				Signature of Autho	rized In	dividual			
	6-5	.04		1° Or	101				
······			7. Appr	oval for Return To S	Service	~~~~			
Pursuant to the a	authority given per the Federal Aviation	sons specified belo	ow, the i	unit identified in item	4 was ir	nspected in the m	anner pres	scribed by the	)
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Inspec		Manufacturer		Inspection Authoriz	ation		<i></i>		
FAA D	Designee	X Repair Station		Person Approved b	y				
				Transport Canada Airworthiness Grou	D	_		1	
ate of Approval	or Rejection	Certificate or		Signature of Author		lividual	///		
		Designation No		-		2-			
AA Form 337 (1)		B1H2300	NIN.	JIMMIE MELANCO	N Z	me	G.		

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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: NOSE FAIRING PART NUMBER: 206-031-124-111 SERIAL NUMBER: BP0000296 WORK ORDER NUMBER: W43551AA

1

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-024 DATED 4/29/98.

Additional Sheets are Attached

		·····				4			Form Ap	proved			
$\mathbf{C}$		•		MAJOR R	EPAII	R AND ALTER	ATION			. 2120-0020			
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Federal A										entification			
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and disp	osition o	f this form. Th	is re	port is required ted a second tension of the second s	by law (4	9 U.S.C. 1421), Fa	ailure to rep	port can result in	a civil per	nalty not to ex	ceed \$1,000		
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1. Aircra	aft	Serial No.	51	L540			Nationali	lark N3	207Q				
	· · · · ·	Name (As sh	own c	n registration certifi	cate)		ation certifi	cate)					
2. Owne	r	Petrole	eum	Helicopter	s Inc	2001 SE Evangeline Trwy Lafayette La. 70508-2156							
						0. F		yette La.	70508–2	2156			
						3. For FAA Use O	niy						
						4. Unit Identifica	tion			5. Type			
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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.)

NOMENCLATURE: NOSE FAIRING PART NUMBER: 206-031-124-102 UPGRADED TO PART NUMBER: 206-031-124-137 SERIAL NUMBER: WORK ORDER NUMBER: W43624AA

OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-024 DATED 4/29/98 AND UPGRADED IN ACCORDANCE WITH OVERHAUL PROCEDURE PHI-450-OP-050 DATED 10/15/02, REVISION E.

Additional Sheets are Attached

US Department	(A)	MAJOR REPAIR		LTERATIC	DN		Ļ		2120-0020	Only
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		ll entries. See FAR 4 his report is require n 901 Federal Aviati			ix B, and AC 4 1421). Failure	3.9-1 (or s to report ca	ubsequen an result i	it revision n civil pena	thereof) for alty not to exc	instructions eed \$1,000
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<u> </u>		n on registration cer	rtificate)	N3207Q						
2. Owner	Petroleum Hel	icopters, Inc.	, include)	Address (As shown on registration certificate) 2001 SE Evangeline Thruway Lafayette, LA 70508-2156						
				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.)

## 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.

This alteration is in accordance with data previously approved on FAA form 337, dated 8-19-00 for Bell model 206L-3, N206FS, serial number 51506 and is approved for duplication on identical make, model, and altered configuration when accomplished by the original modifier.

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.

Additional Sheets Are Attached

*

<u>337 ATTACHMENT SHEET DATED</u>

2) DESCRIPTION:

Part

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

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1. Aiı	rcraft	Serial No. 51	540			Nationality and Registration									
2. Ov	vner	Name (As shown on registration certificate, Petroleum Helicopters, Inc.					N3207Q Address (As shown on registration certificate) 2001 SE Evangeline Thruway Lafayette, LA 70508-2156								
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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.)

# **OUTERLINK CP-2 SATCOM COMMUNICATION SYSTEM**

Installed Outerlink CP-2 Satcom System, STC SR00120BO. FAA Approval Flight Manual Supplement No. D000-00042, Revision H, FAA approved September 25, 2000 or later FAA-approved revision must be on board when operating Outerlink CP-2 Satcom system.

END

Compass corrected as required.

Weight and balance amended as required.

Additional Sheets Are Attached

US Departm of Transport Federal Av Administra	ation (Airf ation		JOR REPAIR <i>I</i> Powerplant, I				ice)	:	E		2120-0020 or FAA Use (	Only
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1. Aircraf	Serial No.	1540						ity and Reg	istration	Mark		
2. Owner		Name (As shown on registration certificate Petroleum Helicopters, Inc.				N3207Q Address (As shown on registration certificate) 2001 SE Evangeline Thruway Lafayette, LA 70508-2156						
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BY	AA Designee	x	Repair Station		ers	on Approved by	y Transpo	rt				
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Part Nome	nclature:	Door Hinge	Repair Num	ber: P	HI-206-603	33 Rev. C.
Fabricated	and installed cabir	n door hinges in acc	ordance with dr	awing Pl	HI-206-6033	3 Rev. C.
Approval r	eceived for this mo	dification accordir	ng to data approv	ved on FA	AA Form 811	0-3.
By DER	M. T. Cox	Designa	tion Number	DFRT	-710057-SW	,
Dated	25 Feb 2004	Serial N		8110-0		
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Federal Aviation										
Administrat	CTIONS: Prir	t or type all ent	ries. See Title 14	CFF	R §43	3.9, Part 4	3 Appendix B, a	ind AC 43.9	-1 (0	r subsequent revision thereof)
			is form. This rep S.C. §46301(a))	ort is	s req	uired by	law (49 U.S.C.	§44701). Fa	ilure	to report can result in a civil
penalty i		and Registration					Serial No.			
	N.2	B] PH					51540			
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		Name (As shown on registration certificate) Address							tion ce	L-3
0.000	PHI, Inc. Addre							lity Assur afayette		2001 Evangeline Thruway State LA
2. Owner							City Li Zip 705	08–2156	Cou	Intry USA
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City Zip	LAFAYET 70507		tate LA .S.A.	X		rtified Rep	air Station Itenance Organiz	ation		5 B1H2300N Limited Airframe ited Specialized Services
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			7	. Ap	rova	al for Ret	urn To Sérvice	/		
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NOTICE		
Weight and balance or operating limitation changes shall be entered ir compatible with all previous alterations to assure continued conformity w	n the appropriate aircraft recon ith the applicable airworthiness	d. An alteration must be requirements.
8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality of		
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NOMENCLATURE: PASSENGER SEAT KICK PANEL		
ORIGINAL PART NUMBER: 206-033-103-009 SERIAL NUMBER: AO-1875		
WORK ORDER NUMBER: W179330AA		
OVERHAULED PANEL MENTIONED ABOVE IN ACTEXTRON, INC. FAA APPROVED OVERHAUL P	CCORDANCE WITH	BELL HELICOPTER R PHI-450-OP-005,
REVISION A, DATED 3/5/99.		
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Additional Sheets are Attached

US Departmen of Transportation Federal Aviation	on (Airfram	JOR REPAIR e, Powerplan	t, Pro	) AL pell	TERATIC	)N pliance)		Office Iden	2120-0020 or FAA Use Or	λ
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	tte, LA 70509		-	X	Certificated R Manufacturer			1, 2, a	nd 3 - CRS No. 1	HEER61
D. Icerti	fy that the repair and/or been made in accordan hed herein is true and	ce with the reduit	ements	ULL		em 4 above a J.S. Federal	nd described Aviation Reg	d on the rever ulations and	rse or attachm I that the infor	ents he mation
	or 17, 19			Sig	nature of Aut	horized Indi	vidual	ر ا		
			7. Ap	prov	al for Return	To Service				
Pursuan Adminis	t to the authority given trator of the Federal Av	n persons specific iation Administrat	ed below	w, th	e unit identif	ied in item 4 /ED			nanner prescri	ibed by
	FAA Fit. Standards Inspector	Manufacturer		Ins	pection Author		Other (Sp	<del>u</del> city)		
BY	FAA Designee X	Repair Station		Car	son Approved hada Airworthi	iness Group				
and the second se	L. D. is stign	Cartificate or		Sig	nature of Aut	norized Indi	vioual			
Date of Ap	proval or Rejection	Certificate or Designation No.		-	~ ~	5.	•			

and a second 
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 P/N PHI-002-000002. See PHI Drawing Number PHI-206L-11118.

The amplifier/control was mounted at Station 19 on the underside of the avionics, tiedown rack which was previously installed on FAA 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, tiedown rack using MS20426AD-4 rivets. Amplifier/control is bolted to the bracket with hardware supplied by the manufacturer.

Speaker installed on forward crosstube 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 AN4026A bolts, AN365-428 nuts, and AN960PD416L washers. Speaker 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-C027500/SM wire to speaker. Circuit protected by MS26574-7.5 circuit breaker. Placarded circuit breaker.

Completed actual weight and balance.

END

<b>.</b>						$\bigcirc$			
US Department of Transportation Federal Aviatio Administration	(Airfra	MAJOR REPA ame, Powerpl				e)	F	roved . 2120-0020 or FAA Use ntification	Only
and disposit	ion of this form. Th	all entries. See FA his report is require on 901 Federal Avia	ed by law (	49 U.S.C. 1421). Fi	and AC 43 ailure to r	3.9-1 (or subseque eport can result in	ent revision na civil pen	thereof) for i alty not to exc	nstructions ceed \$1,000
1. Aircraft	Make BELL				Model	206L-3			
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	51540 Name (As showr	) n on registration ce	ertificate)		Address	N3207Q s (As shown on re	aistration	certificate)	
2. Owner	Fleet Credit Corporation				111	Westminste vidence, RI	r Stree		
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		- <del></del>		4. Unit Identificati	оп		<del></del>	5. Туре	
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have beer	i made in accorda	or alteration made to nce with the requir correct to the best	ements o	s) identified in iter f Part 43 of the U.S	n 4 above 5. Federal	and described on I Aviation Regulat	the reverse	orattachme	nts hereto
Date	- 16 -	-92		Signature of Autho	orized Ind	ividual	DAVIS	JAVIS	
/			7. Appr	oval for Return To	Service	-01	<u></u>		
Pursuant to t Administrator	he authority given of the Federal Av	n persons specifie viation Administrati	d below.	the unit identified	l in item	4 was inspected REJECTED	in the man	iner prescrib	ed by the
FAA Inspe	Flt. Standards	Manufacturer	Ir	spection Authoriza	ition	Other (Specify	)		
FAA		Repair Station	P C	erson Approved by anada Airworthines	Transport ss Group	t			
Date of Approva	Il or Rejection $-97$	Certificate or Designation No. HEER617E	S	ignature of Autho	rized Indi	vidual	7	DA <b>VIS</b>	
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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

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

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Installed Perkins Plastic Composite baggage door according to STC SH3511SW.

US Departmen			DR REPAIR AND				Approved No. 2120-0020 2007	For FAA Use Only
of Transportati Federal Aviat Administratio	ion	(Airrame, I	Powerplant, Prop	eller, or Appl	iance)			
instruction	s and dispos	t or type all entr sition of this form .C. §46301(a))	ies. See Title 14 CFF I. This report is require	8 §43.9, Part 43 d by law (49 U.S	Appendix B, 5.C. §44701).	and AC 43.9 Failure to rep	)-1 (or sub oort can re	osequent revision thereo sult in a civil penalty for
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Certificate or Designation N	o.	Signa	ture/Date of Authorized		6	>		
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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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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 aircraft nationality and registration mark and date work completed.)
N 3207Q 7-25-12
Nationality and Registration Mark Date
Structural Alteration
Installation of Radar Altimeter Antenna MountPart Nomenclature: Tailboom AssembyPart Number: 206-704-727-101
Part Nomenclature: Tailboom AssembyPart Number: 206-704-727-101Document Number: PHI-206-60735, Rev. A.Serial Number: 52031
Work Accomplished: Fabricated and install Radar Altimeter Antenna Mounts
on a Bell 206L series Tailboom lower skin at Station 50.22 and Station 71.44
in accordance with Document Number <u>PHI-206-60735 Rev. A</u> , Dated 11-9-2011.
Structural Analysis Report for Installation of a Freeflight Radar Altimeter
System refer to Document PHI-206L-SA-0088 Rev. A, Dated 6-2-2011.
Approval received for this alteration according to data approved on FAA Form
8110-3 By DER Louis Bellott Designation Number DERT-750020-SW
Dated         1-27-2012         8110-3 Serial Number         PHI12-04
Weight and Balance Negligible. END
Additional Sheets Are Attached

Page 1 of 1				PHI12-04					
	U.S. DEPARTMENT OF TRA	NSPORTATION		1. DATE					
	FEDERAL AVIATION ADM	INISTRATION		January 27, 2012					
STATEMENT OF	COMPLIANCE WITH A	IRWORTHINESS STANDARDS	;						
2. MAKE	AIRCRAFT OR AI	RCRAFT COMPONENT IDENTIFICATION 4. TYPE (Airplane, Radio,		E OF APPLICANT					
	S. MODEL NO.	Helicopter, etc.)	<b>J. 117</b> 10	E OF AFFEIGANT					
Bell Helicopter Textron Canada Limited	206L	Helicopter		PHI, Inc.					
	1	LIST OF DATA 7. TITLE							
6. IDENTIFICATION	,	7. IIILE							
PHI Document Number:									
PHI-206-60735, Rev. A, Dated 11/09/11	Radar Altimeter Anten	na Mount Installation on a Bell 206	6L Serie	es Helicopter					
PHI-206L-SA-0088,       Structural Analysis Report for Installation of a Freeflight Radar Altimeter System (RA-4500/RAD-40) Interfaced with an Aural Warning System in a Bell Helicopter Textron         Model 206L-3/206L-4 Helicopter									
<ul> <li>Notes:</li> <li>1) This approval is for the engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". The structural aspects only of the above listed data are approved herein.</li> <li>2) This form does not constitute FAA approval of all the engineering data necessary for</li> </ul>									
	substantiation of compliance to necessary requirements for the alteration. Electrical aspects are not approved and require separate approval.								
		covers the tailboom antenna mour dar altimeter system is not include							
	4) Alteration is perform	ned by PHI, Inc. under work order	numbe	r CWO-113581-2011.					
		id only for Bell Helicopter Textron 3-704-727-101, T/B S/N: 52031.	Canada	a Limited Model 206L					
Tailboom S/N: 52031. 9. applicable requirements 14 CFR Part 27.301, 27.3	To approve the structural engineering aspects only of an alteration and not the workmanship or installation on								
10. CERTIFICATION – Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered as applicable have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.									
I (DAKet) Therefore 🔲 Recommend approval of these data 🖂 Approve these data									
	NATED ENGINEERING REPRESE	ENTATIVE(S) 12. DESIGNATION NUM	BER(S)	13. CLASSIFICATION(S)					
Louis Bellott Resa	Billit	DERT-750020-		Structural					
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FAA Form 8110-3 (03/10) Supersedes Previous Edition

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instruction	s and dispos		ntries. See Title 14 Ci m. This report is requi							
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1. Aircraft	Make Bell					Mode	el 206		- [S	Series L-3
2. Owner	Name (A. PHI	_	istration certificate)			Addres	ess (As show s 2001 SE	Evangel		way
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				N3207Q	9-27-12
			Nationa	ality and Registration Mark	Date
	RADAR ALTIMET	ER SYSTEM RA	4500/RAD-40 INTERFA	CED TO AURAL WA	RNING SYSTEM
1.	No equipment remov	ed for this installat	on.		
2.	dated December 5, 2	011, and PHI Pictur	e & Sketch PHI-206L-PS	0107, Rev. A, dated Dec	D. PHI-206L-12910, Rev. H cember 6, 2011. Radar peration of the system insta
3.	Installed the following	g Avionics compo	nents:		
	MFG	Type	<u>Description</u>	Station/Location	Circuit Breaker
	Freeflight Systems		RCVR/XMTR Unit	160.00 / Hatrack	2 Amp
	Freeflight Systems NAT	RAD-40 NAT-247	Indicator Audio Mixing Amp	39.00/ Instrument Par 164.00 / Hatrack	nel 2 Amp 1/2 Amp
	NAT	611-027	Aural Warn Gen	19.00 / Avionics She	
	Sensor Systems	S67-2002	Antenna RX	271.00 / Tailboom	N/A
	Sensor Systems	S67-2002	Antenna TX	250.00 / Tailboom	N/A
4.			in the aircraft manufactur and MIL-W-27500 interco		are appropriately
5.			fance with the manufactur		ons as follows:
	MFG		stallation Manual Number		
	NAT NAT	611-027 NAT-247	611-16-1	1.07	· .
	Freeflight Systems		SM247 84629	A J	
	Freeflight Systems		84948	В	
6.	All work accomplish	ed in accordance w	th:		
	A.C. 43.13-1B	CHAPTER 11		Electrical loading an	
		CHAPTER 11		Wire routing, marking	
	A.C. 43.13-2B	CHAPTER 10		Weight and balance	
	A.C. 45.15-2D	CHAPTER I CHAPTER 2	PARA 106 - 111 PARA 202 - 206	Structural mounting	oata. mounting techniques.
		CHAPTER 3	PARA 305 - 310	Antenna physical mo	
	PHI ESM-I	CHAPTER 1	,	Helicopter Electrical	
		THRU 12	· · · · · ·	Standard Practices M	1anual
7.			of Rotorcraft Airworthine	ss Standards for 14 CFR	Part 27 of the
	following paragraphs		dan dan series de la companya de la		
	27.1301 27.1309(c)		d performs its intended fur d is not a hazard in the eve		
	27.1303(c)	Arrangement and v		ant of a manufiction	-
•	27.1351		es not exceed generator ca	pacity	
•	27.1357	Circuit device prot		ц	
	27.1337	Electric cable type		· · · · · · · · · · · · · · · · · · ·	
	27.1365				
•	27.1365 27.1541	Placards and Mark			
•	27.1365 27.1541 27.1547	Placards and Mark Compass system te		ad	

FAA Form 337 (10-06)

<u>337</u>	ATTACHMENT SHEET DATED	2-27-12 N32070	S/N 51540	MODEL 206L-3
8.	The structural installation aspects of an approved on a Bell Model 206L-3, airc	n RA-4500/RAD-40 Altimeter traft serial number 51184 on F	system interfaced to an an AA Form 8110-3:	ural warning system was
	By: Louis Bellot	Designation Number:	DERT-750020-SW	
	Dated: 12-14-2011	Serial Number:	PHI11-44	
9.				
10.	The electrical installation aspects of an approved on a Bell Model 206L-3, airc	raft serial number 51184 on F.	system interfaced to an au AA Form 8110-3:	iral warning system was
	By: Verl Herd	Designation Number:	DERT-710121-SW	
	Dated: <u>12-14-2011</u>	Serial Number:	DERT-710121-SW-11/	/280
11.	A flight test is required for the aircraft aural warning system. PHI Flight Test for approval on FAA Form 8110-3: By: <u>Robert Williams</u> Dated: 01-23-2012	return to service for the RA-45 Plan No.PHI-050-TP-0013, Ro Designation Number: Serial Number:	500/RAD-40 Altimeter sy ev. 2, dated January 23, 20 DERT-710526-SW	stem interfaced to an 012 was recommended

PHI-050-TP-0013 successfully completed on 10-26-2012.

- 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.

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- 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.

Page 1 of 1			PHI11-44					
	U.S. DEPARTMENT OF TRA	ANSPORTATION	1. DATE					
	FEDERAL AVIATION AD	INISTRATION	December 16, 2011					
STATEMENT OF		AIRWORTHINESS STANDARD						
2. MAKE	AIRCRAFT OR AI	RCRAFT COMPONENT IDENTIFICATIO	5. NAME OF APPLICANT					
Bell Helicopter Textron	206L-3 S/N 51184	Helicopter, etc.) Helicopter	PHI, Inc.					
Canada Limited								
6. IDENTIFICATION		7, TITLE	······································					
 PHI Document Number.		·····						
PHI-206L-PS-0107, Rev. A, Dated: 12/06/11		ata for Radar Altimeter System – n in a Bell Model 206L Series He						
PHI-206-60735, Rev. A, Dated 11/09/11	Radar Altimeter Antenna Mount Installation on a Bell 206L Series Helicopter							
PHI-206L-SA-0088, Rev. A, Dated: 06/02/11	Structural Analysis Report for Installation of a Freeflight Radar Altimeter System (RA- 4500/RAD-40) Interfaced with an Aural Warning System in a Bell Helicopter Textron Model 206L-3/206L-4 Helicopter							
	demonstrates con subparagraph liste	gineering design data only. It in pliance only with the regulations d below as "Applicable Requirer data are approved herein.						
	2) This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the alteration. Electrical and flight test aspects are not approved and require separate approval.							
	3) Alteration is perform	med by PHI, Inc.						
	4) This approval is va S/N 51184.	lid only for Bell Helicopter Textro	n Canada Limited Model 206L-3					
8. PURPOSE OF DATA To approve the structural 51184.	engineering aspects on	ly of an alteration and not the wo	orkmanship or installation on S/N:					
9. APPLICABLE REQUIREMENTS (List sportfle socilons) 14 CFR Part 27.301, 27.303, 27.305(a), 27.307(a), 27.321, 27.337(a), 27.561, 27.601(a), 27.603, 27.605(a), 27.609, and 27.613(d) as of Amdt 27-24 (Structural aspects only)								
of appointment under 14 CF	R Part 183, data listed abo	ve and on attached sheets numbered	ordance with conditions and limitations d as applicable have boan examined in is of the Alrworthiness Standards listed					
(QA4≪) Therefore		val of these data						
	Approve these data							
11. SIGNATURE(S) OF DESIGN	ATED FNGINEERING REPRESE	NTATIVE(S) 12. DESIGNATION NU	MBER(S) 13. CLASSIFICATION(S)					
Louis Bellotto Quis	Rellat	DERT-750020						
EAA Form 8110-3 (83/10)	Supersedes Previous Edition	<u>l</u>	I					

				DEF	RT-710121-SW-11/280
· · ·		OF TRANSPORTATION	1		1. DATE
STATEMENT O	F COMPLIANCE W	ITH AIRWORTH	IINESS STANDAR	DS	December 14, 2011
			PONENT IDENTIFICAT	ION	· · · · · · · · · · · · · · · · · · ·
2. MAKE	3. MODEL NO.		-Engine, Propoller, etc.)	5. NAME OF	APPLICANT
Bell	206L-3	Heli	icopter	PHI, Inc Lafayette,	LA.
		LIST OF			
8. IDENTIFICATION			7. TITLE		
PHI-206L-12910 Rev H, Dated 12/5/11	Radar Altimeter	r System- RA-456	00/RAD-40 Interface	ed to Aural	Warning System
	Notes: 1. This 8110-3 a	approves the des	ign aspects of the a	avionics/ele	ectrical data only.
		• ,	·		
· ·					
					, ,
8. PURPOSE OF DATA In support of a major al	teration on Bell 206L	-3, S/N 51184, N	229PH only.		
5. APPLICABLE REQUIREME	NTS (List specific sections)	 			
14 CFR: 27.1301(a,b,c)	), 27.1357(a,b,c), 27.	1365(a,b,c)	• .		
	on attached sheets numbers	ed <u>XXXXXXXX</u> have be			itations of appointment under 14CFR had procedures and lound to comply
i ( <del>We</del> ) Therefore	Recommend as	oproval of these data	data		
11. SIGNATURE(S) OF DE	SIGNATED ENGINEERING REPR	ESENTATIVE(S)	12. DESIGNATION NU	IMBER(\$)	13. CLASSIFICATION(S)
	D Herd	- <u></u>	DERT-71012		Electrical Systems & Equipment
<u> </u>	<u> </u>	<u> </u>	<u> </u>		
· · ·			·		
A A Form 9440 2					

FAA Form 8110-3 (03/10) SUPERCEDES PREVIOUS EDITION COMPUTER GENERATED FORM BY Aviation Design Management

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0		MAJOR	RE		D A	LTE	ERATIC	N	Form Approve OMB No. 2120-0020 11/30/2007	əd	Electronic Tracking Number
US Department of Transportation	, (Ai	rframe, Po	wei	rplant, Pro	pe	ller	, or Ap	pliance)			For FAA Use Only
Federal Aviation Administratio	on	-									
for instruc	ctions and di	t or type all ent sposition of th violation (49 U.	is fo	rm. This repo	CFR ort is	₹§43 req	3.9, Part 4 juired by	3 Appendix B, a law (49 U.S.C.	and AC 43.9- §44701). Fai	-1 (oi ilure	r subsequent revision thereof) to report can result in a civil
	1 -	and Registration	Mark					Serial No. 51540			
1. Aircraft	t Make							Model			Series
		ell s shown on registra	otion	contificato)				206 Address (As she	own on registrat	tion c	L-3
2. Owner		'HI, Inc.						AddressQu <u>al</u> City La <u>fa</u> v	ity Assuranc /ette	e 20	01 SE Evangeline Thruway State LA
					2	Ear	FAA Use		8-2156	COL	intry USA
					J.	TOP	I AA USE				
4. 1	Туре						5. L	Init Identificatio	on		
	Alteration	Unit		R	Make				odel		Serial No.
Repair		AIRFRAME									Cenaritto.
								(As described in Item 1 above)			
		POWERPLAN	• •								
		PROPELLER									
		APPLIANCE		Туре				•			
				Manufacture	er						
					6.0	onfo	oundity St	atomont			
A. Agency	/s Name and	Address				Kind	ormity St of Agenc	у			
Name Address		COMPOSITES		BOAD		-		ted Mechanic ficated Mechanic			Manufacturer
City	LAFAYET	NT DES MOU TE S	tate	LA	x			air Station			S B1H2300N Limited Airframe
Zip	70507		.S.A	•				ntenance Organiz	ation	Lin	nited Specialized Services
have	been made in	pair and/or altera accordance.wit true and correct	h the	e requirements	s of F	2art∦	13 of the U	em 5 above and o .S. Federal Aviat	lescribed on t ion Regulatio	the re	everse or attachments hereto ad that the information
Extended r	range fuel			nature/Date o	1	111		dual			
App. B				<u> </u>	K	<u> </u>	y al for Po	/ <i>73/04</i> urn To Service			
Pursuant	to the author	ity given persor	ns sp	becified/below	, th∈		t identified		nspected in t	he m	nanner prescribed by the
		deral Aviation Standards	um	Manufacture	1		r	ance Organizatio			Persons Approved by Canadian Department of Transport
BY	FAA De		х	Repair Statio	on		Inspectio	Authorization	0	Other	· (Specify)
Certificate			Sig	nature/Date o		thori	· · · · · · · · · · · · · · · · · · ·		/		
Designation B1H23001				SON PICARD			At	4/23/0	18-		
	rm 337 (10-06	)	1				V	• / - / •			

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.)
N231PH 8-30-2012 Nationality and Registration Mark Date
NOMENCLATURE: REAR FACING KICK PANEL ORIGINAL PART NUMBER: 206-033-113-009 SERIAL NUMBER: AO-03147 WORK ORDER NUMBER: W114150AA
OVERHAULED PANEL MENTIONED ABOVE IN ACCORDANCE WITH ACADIAN COMPOSITES FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-013, REVISION B, DATED 2/23/99.
ENDEND

Additional Sheets are Attached

<b>O</b> US Department							Form Approved OMB No. 2120-00 11/30/2007	20 Electronic Tracking Number For FAA Use Only
of Transportatio Federal Aviatio Administration	л	(Alffran	ne, Powerplant,	Ргор	eller, or App	liance)		
	and dispos	sition of this	form. This report is					ubsequent revision thereof) for result in a civil penalty for each
ŕ	Nationali N23		stration Mark			Serial No. 51540		
1. Aircraft	Make					Model		Series
	Bell					206		L-3
	Name (A	s shown on i	registration certificate	<del>)</del>			own on registration	n certificate) SE Evangeline Thruway
2. Owner	PHI,	Inc.				City Lafayett		
						zip 70508-2		untry USA
				;	3. For FAA Use	Only		
	-						* .	
								· · · ·
4. Тур	e				5. Unit Identific	ation		· · · · · · · · · · · · · · · · · · ·
Repair	Alteration	Unit		Make	e	N	lodel	Serial No.
	$\checkmark$	AIRFRAME	Ξ			(As described i	in Itern 1 above)	· ·
				-	· • ·			
		POWERPL	_ANT					
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			Туре			·		
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			Manufacturer				7	
. Agency's Na	ame and A	ddress			Conformity Sta B. Kind of Agend			
ama <u>PHI, Ir</u>			· · · · · · · · · · · · · · · · · · ·			ated Mechanic	Ma	nufacturer
ddress <u>P.O.</u>		3		— [		ificated Mechanic	C. Certi	ficate No.
lly <u>Lafaye</u>	0808_cou		State LA	—   <b>v</b>	<u>'</u>	Repair Station	National	HEER617E
		-	·····			Maintenance Organiza		
have bee	en made in	accordance	with the requiremen	ts of Pa	art 43 of the U.S			verse or attachments hereto at the information
			rect to the best of my		5			
Extended rang per 14 CFR Pa			Signature/Date of Au	1 A	a individual			- OCT 1 8 2012
Арр. В	t		is u	UJ	Son	to the second	Elivson	
			7	. Appr	oval for Return	to Service		۱
Pursuant to	the autho	rity given p letal Aviation	persons specified b n Administration and	elow, is		ied in item 5 was Approved	inspected in the intraction of the inspected in the inspe	e manner prescribed by the
	Fil. Stand	ards					, <i>,</i>	red by Canadian
<i>'</i>	ector		Manufacturer		Maintenance Or	-	Department of 1	
	Designee		Repair Station		Inspection Author	orization Ot	her (Specify)	
ertificate or esignation No HE	ER617E	ę	Signature/Date of Au	n .	d Individual		NISON	OCT 1 8 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.

			N231PH	001	1 8 201	2
		Nationality	and Registration f	I L	Date	
	STC I	NSTALLATI	ON			
Installed Reconfigured Cockp PHI Master Drawing and Doc or later FAA approved revisio	ument List No. PH	l in accordance II-206L-DL-001	with PHI, Inc. 12, Revision B	STC SR09:	594RC an mber 28,	d 20
Rotorcraft Flight Manual Sup 2012 or later FAA approved r	plement number P evision and is inse	HI-959-206L-IN rted into rotorci	NST-001, Revi raft flight man	sion O, date ual.	d January	5,
Instructions for Continued Air dated September 26, 2011 or 1	rworthiness are in later FAA accepted	PHI Document l revision.	No. PHI-206L	-ICA-0003,	Revision	IR,
Compass tested and corrected	as required.			· .		
Actual weight and balance co	mplied with.					
···						
				·		
$(1,2,\ldots,n_{n+1},\ldots,n_{n+1},n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots,n_{n+1},\ldots$						·

US Department of Transportation Federal Aviation Administration	(Airframe, Po			ALTERATI eller, or Ap			Form Appro OMB No. Fo Office Iden	2120-0020 or FAA Use (	Dnly
and dispositi	ONS: Print or type all entries. ion of this form. This report is h violation (Section 901 Fede	required by	law (49 l	U.S.C. 1421), Fa	and AC 43.9 ailure to rej	9-1 (or subseque port can result in	nt revision t a civil pena	hereof) for ir Ity not to exc	nstructions eed \$1,000
	Make Bell	· · · · · ·			Model	206L-	3		
1. Aircraft	Serial No. 51540				Nationali	ty and Registrati N32070		<u> </u>	
2. Owner	Name (As shown on registr Fleet Credit C		ate)		111	(As shown on red Westmins ridence, 1	gistration citer St		. ¹ .
			3.	For FAA Use O	nly		•		
			·						
	r		4. 1	Unit Identificat	ion			5. Type	
Unit	Make			Model	· · · · ·	Serial N	0.	Repair	Alteration
AIRFRAME		aaaaa (As d	escribe	d in Item 1 abo	ve)		•	-	x
POWERPLANT			-					· · ·	
PROPELLER			: ¹ .						
APPLIANCE	Type Manufacturer								
	ame and Address			nformity State Kind of Agency			C. Corti	ficate No.	
Petrole P.O. Bo Lafayet	um Helicopters, x 90808 te, LA 70509 nat the repair and/or alteration	made to the	X unit(s)	U.S. Certificate Foreign Certific Certificated Re Manufacturer identified in ite	d Mechanic cated Mecha pair Station m 4 above a	and described on	Airframe Accesson Radio Cl CRS No.	e, Powerpla ries Limite ass 1, 2, HEER617E	d & 3 nts hereto
furnished	n made in accordance with th herein is true and correct to	the best of n	ny know	/ledge.		·····	ions and th	at the inform	
Date 5	-22-94		Sig	nature of Authority Qu		Hure			
				al for Return To					
Pursuant to Administrato	the authority given persons r of the Federal Aviation Adm	specified be inistration a	low, the	e unit identifie APPROVE	d in item 4 D □ R	EJECTED		ner prescrib	ed by the
	Flt. Standards Manufactu	urer	Insp	ection Authoriz	ation	Other (Specify	)	· ·	
FAA	Designee X Repair Sta	ition	Can	on Approved by ada Airworthine	ss Group	-			
Date of Approve	Designati		Sigi	nature of Autho		turel			

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.)

Relocated Datcon Elapsed Time Meter at aft bulkhead in the battery compartment, Station 21.5 to instrument panel. Cut hole in instrument panel as required to fit instrument using original Bell hardware. Relocation done according to Chapter 11 of AC 43.13-2A. See PHI Drawing PHI-11603 and PHI-206L1-RI-525.

Removed wiring to R.P.M. Warning System original Bell installation for operating hourmeter and added microswitch, P/N 9007XA7503DC, mounted to bracket and installed using existing hardware at fuselage Station 73. Installed wiring into circuit.

Installation made according to chapter 2 of AC 43.13-2A, paragraph 23 and chapter 1 of AC 43.13-2A, paragraphs 4, 5, 6, 7, 8, 9, 10, 11, and 12.

END

	$\square$					
US Department of Transportation Federal Aviation Administration	(Airframe, Powerpl	AIR AND ALTERATI ant, Propeller, or Ap			oroved b. 2120-0020 For FAA Use entification	Only
	ONS: Print or type all entries. See FA ion of this form. This report is require th violation (Section 901 Federal Avia		and AC 43.9-1 (or subse ailure to report can res	equent revision ult in a civil pen	thereof) for i alty not to ex	instructions ceed \$1,000
	Make		Model			
1. Aircraft	Bell		206L-3			
	Serial No. 51540		Nationality and Regis	stration Mark		
	Name (As shown on registration ce	ertificate)	N32070 Address (As shown o		Contificate	
2. Owner	Fleet Credit Corporation	,	5728 Jefferso			
	<u> </u>	3. For FAA Use O	New Orleans	,LA 70123	3-5113	
						· · · · · · · · · · · · · · · · ·
,		4. Unit Identificati	on		5. Type	
Unit	Make	Model	Seri	al No.	Repair	Alteration
AIRFRAME	•••••••••••••••••••••••••••••••••••••••	As described in Item 1 abov	e)	~~~		x
POWERPLANT						
PROPELLER						
APPLIANCE	Type Manufacturer					
<u> </u>		6. Conformity Statem		······································	<u> </u>	
<ol> <li>Agency's Na</li> </ol>	me and Address	B. Kind of Agency		C. Certit	ficate No.	
Petroleum I P.O. Box 9 Lafayette, I		U.S. Certificated Foreign Certifica X Certificated Repa Manufacturer	ted Mechanic	Accesso	e, Powerplant, pries Limited - 1 d 3 - CRS No. 1	Radio Class
	t the repair and/or alteration made to made in accordance with the require perein is true and correct to the best		4 above and described Federal Aviation Regu			
Date // -	19 - 98	Signature of Author	Dati	0A 1	VIS	
Pursuant to th	e authority given persons specified of the Federal Aviation Administratio	7. Approval for Return To st below, the unit identified	in item 4 was inspected	ed in the manr	er prescribe	d by the
FAA FI Inspec	t. Standards Manufacturer	Inspection Authorizati	Other (Spec			
	esignee Repair Station	Person Approved by T Canada Airworthiness	ransport Group			
ate of Approval	9 9 Designation No.	Signature of Authori:	zed Individual			
A Form 337 (12	HEER617E	- Wiging	1 ap			

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.)

Removed Aeronautical Accessories, Inc. cabin door actuators installed on FAA Form 337 dated 2-2-92 and installed Paravion Technology, Inc. door actuators on cabin doors and baggage door according to STC SH1503NM.

END

				5. 19. 19. 19.						
<b>B</b> JS Department	MAJOR REPAIR A			Form Approv OMB No. 21 For	20 02 )	nt				
of Transportation Federal Aviation Administration	(Airframe, Powerplant, P	ropetter, or Appliance		Office Identifi	cati n					
INSTRUCTION Instructions and disposition	S: Print or type all entries. See FAI on of this form. This report is required									
<u></u>	Make		Model							
Alrcraft	BELL Serial No.		206L-3 Nationality and Registration Mark							
	51540 Name (As shown on registrationcertif		IV 3207 Address (As shown on re			•				
. Owner	Name (As shown on registrationcertit	ïcale)	Address (As shown on re 2001 SEE LAFAYETTE	(ANGELI	NE TAG					
		3. For FAA Use O	lnly							
	······································	4. Unit Identificat	lion		5. Type					
Unit	Make	Model	Seria	No.	Repair	Alteration				
IRFRAME	(	(As described in Item 1 abc	ove)							
OWERPLANT										
ROPELLER										
APPLIANCE	Type <u>Stop</u> macin + Manufacturer			,						
	Bell	PN -286-233-51		7	$\lambda^{-}$	<u> </u>				
A. Agency's I	Name and Address	6. Conformity Stat B. Kind of Agenc		C. Certifi	cate No.					
Š.	gineering & Comp. Svcs.	U.S. Certifica	led Mechanic							
350	N, Hayden Rd. Suite 1 tottsdale AZ 85257	Foreign Certifi Certificated R	icated Mechanic epair Station	FA	<b>A</b> R/S #/.1Ll	R 90N				
^		Manufacturer								
<ul> <li>D. Ecertify</li> </ul>	that the repair and/or alteration made to the second se	o the unit(s) identified in it								
have b	een made in accordance with the require			ions and that t	he niormalic	۵۴ 				
	een made in accordance with the requir	ements of Part 43 of the U. Signature of Auth		ions and that t	he njormalic					
have b	een made in accordance with the requir	Signature of Auth	norized Individual	ions and that t	he níormatic					
have b Date Pursuant t	een made in accordance with the requir	7. Approval for Return	norized Individual							
have b Date Pursuant t Administra	$5 \cdot 3 e^{-} e^{2}$	Signature of Auth         Class         7. Approval for Return         below, the unit identified in it         and is         X         Inspection Auth	norized Individual	nanner prescr						
have b Date Pursuant t Administra BY	5.30 Q2 o the authority given persons specified to tor of the Federal Aviation Administration	7. Approval for Return pelow, the unit identified in it and is	To Service em 4 was inspected in the D REJECTED Drization ed by Transport	nanner prescr	ibed by the					
have b Date Pursuant t Administra BY F, Date of App	5.30-02 o the authority given persons specified to tor of the Federal Aviation Administration A Fit. Standards spector Manufacturer	Signature of Auth         7. Approval for Return         pelow, the unit identified in it         and is       APPROVE         X       Inspection Auth         Person Approve         Canada Airwort         Signature of Auth	To Service em 4 was inspected in the D REJECTED Drization ed by Transport	nanner prescr	ibed by the					

NOTICE Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be 8. Description of WorkAccomplished (If more space is required, attach additionalsheets. Identify with aircraft nationality and registration mark and date work completed.) Acpair to stop mant cyly DAW J.P-372 Rev. C. Part was suspected TAW BHT-2066. CReo and found to be in serviceable Condition. Sobsect Compensat was non destructively Inspected FAM ASH -E 1444 QMA and to be in acceptable condition no perfects -HECS noted END. 350 N. Hayden Rd. Suite 1 Scottsdale AZ 85257 FAR # AILRIGON. Additional Sheets Are Attached AFS Electronic Forms System - JetForm FormFlow - 12/1990

US Department of Transportation Federal Aviation Administration									Form Approved OMB No. 2120-0020 11/30/2007 For FAA Use Only					
INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition 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. §46301(a))														
Nationality and Registration Mark N3207Q						Serial No. 51540								
1. Aircraft	Make					Model						Series		
Bell 206									L-3					
Name (As shown on registration certificate)       Address (As shown on registration certificate)         Address (As shown on registration certificate)       Address (As shown on registration certificate)														
2. Owner PHI, Inc.							Address <u>2001 SE Evangeline Thruwa</u> _{City} Lafayette				State LA			
						zip 70508-2156				6	Country USA			
	3. For FAA Use Only													
		1							<u></u>					
4. Typ	/pe				5. Unit Identification									
Repair	Alteration	Unit Ma			Mak	Ke M			Mo	odel Serial No.				
$\checkmark$		AIRFRA	<u></u>	(As de			(As descri	ribed in Item 1 above)						
		POWERPLANT												
		PROPELLER												
		APPLIA	√CE	Type Manufacturer										
6. Conformity Statement           A. Agency's Name and Address         B. Kind of Agency														
A. Agency's Name and Address B. Name PHI, Inc.											anufacturer			
Address P. O. Box 90808										C. Cert	Certificate No.			
City Lafayettestate LA					-  -	4	Certificated Repair Station HEEF				HEER617E			
zip       70509-0808       country       USA       Certificated Maintenance Organization       Internotive         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.       Image: Certificated Maintenance Organization       Image: Certificated Maintenance Organization														
	Extended range fuel Signature/Date of Authorized Individual Terrett IC. Mellan cond													
7. Approval for Return to Service														
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														
	FAA Fit. Standards Manufacturer				Maintenance Organization				Persons Approved by Canadian Department of Transport					
BY	A Designee	, x	Rep	air Station		Ins	spection Auth	orization	Oth	er (Spe	cify)			
Certificate or Designation No. HEER617E Hull K Melancon 4+2-12														
Hull K Millanen +421-														

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.

		N3207	Q ef-12-12
		Nationality and Reg	
	Stru	ctural Repair	
	Rena	air of Roof Beam	
art Nomenclature:			206-033-210-101
epair Number:	<u>12RL-</u>	036	
		s on RH & LH Roof Beam	
		h. Performed Fluorescent	
	nd primed areas, th per repair # <u>12RL-0</u>	nen applied shimming compo	und to blended areas and
nucu smootn as p	$= 1 \text{ topall } \# \underline{12 \text{ KL}} \text{ -0.}$	<u>50.</u>	
ructural repairs m	hade according to the	he manufacturer's helicopters	atministrational managine manual
	-	*	<b>1</b> 7
ccept the size of the	-	the limits as specified in the	<b>1</b> 7
-	his repair exceeded	the limits as specified in the	manual.
Approval received	his repair exceeded for this repair acco	the limits as specified in the ording to data approved on Fo	manual. rm AE-100-1.
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# BELL HELICOPTER TEXTRON

# CIVIL CERTIFICATION

CANADA LTD. DAO # 92-Q-01

ige Code 66738		DATE:	T	S.O.C. SI	ERIAL NO:	ISSUE :	
		04/05/	12	C2			
	PORT CANADA F OF COMPLIANCE	REF: EDRN #	s	HEET: 1		OF: 1	
	MODEL (S):	CERTIFICA	TION BASIS (REFE	RENCE TODS	or GCP):	REVISION:	
IODEL TYPE :	206L-3		TCDS H			24	
ROTORCRAFT		<u> </u>	T	F	EQUIREMEN	TS	
	CHANGE DEFINITION (Draw			•			
NUMBER		TLE	DIN 208-033-	Specialty	Cert, Para.	MoC	
FIELD REPAIR	STRUCTURAL REPAIR ON R	OOF BEAM INSIL	T 10 91912	S	*6.200	A	
12RL-036	210-101, ON MODEL 206L-	-3, 5/14 51540, 1		S	*6.201 a), b)	A	
	HOURS, OPERATED BY PHI, I	14G.	F	S	*6.202 a), b)	<u>A</u>	
			[	S	6.300	R	
				S	6.301	R	
				S	6.302	R	
	ATTA OUNTRITS	10 PAGES		S	6.303	R	
	ATTACHMENTS: DAMAGE DESCRIPTION:	3 PAGES		S	6.304a	R	
	REPAIR INCLUDING COVER MEMO			S	6.306	R	
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	NOT THE WORKMANSHIP A	ND INSTALLATION			A		
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			Fi=For Info		i=inspect		
	HED ABOVE AND ON ATTACHED STREET(O) HED PROCEDURES AND FOUND TO COMPL' H ALL THE APPLICABLE REQUIREMENTS OF		Wi=Witness or inspect		FA=Failuro Analy	) Analysis	
BASIS AND PERTINENT AIR RE	GULATIONS		RA=Review & Accepta	nce	N=Noled		
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	M. BOUCHARD						
CERTIFICATION DELEGATE			1				
CERTIFICATION DELEGATE							

FORM AE-100-1

### 12RL-036

### <u>S/N 51540</u>

### PHI, INC.

### 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 REQUIRED:

1.1	Chemical film material	(Item C-100)
1.2	Epoxy polyamide prim	r: (Item C-204)
1.3	Shimming compound:	(Item C-567)
1.4	A Is A	(Recommended minimum 4 hours)
1.5	Process Sheets:	lication on Aluminum and Titanium Parts (Para. 3-2-14)

### 12RL-036

### <u>S/N 51540</u>

### 2.0 PROCEDURE:

- 2.1 Gain access to damaged areas recording type, size and location of fasteners removed. See figure 1 & detail A.
- 2.2 Notes: Do not increase existing depth of damage.

Ensure smooth transition all around reworked areas. Surface roughness of roof beams upper outboard flange shall be 63 microinches or better.

Suggested method: lightly abrade roof beams upper outboard flange surface with 180 grit or finer abrasive paper.

Blending to be performed by sanding in beams longitudinal (FWD-AFT) direction.

Blend out shall not extend into fillet radius of roof beam. If this condition is not met resubmit to PSE with additional information.

Blend damaged area of LHS/RHS roof beams upper outboard flange smooth as shown in view B-B and section C-C. Maintain a 20:1 length to depth ratio along roof beam axis. Minimum remaining material thickness to be 0.090 inch for LHS beam and 0.090 inch for RHS beam as shown in detail D.

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

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

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

Brush apply chemical film material specified in 1.1 to reworked area of LHS/RHS roof beams upper outboard flange.

- 2.5 Prime all bare metal surfaces using material specified in 1.2. Allow to dry.
- 2.6 Lightly abrade primer to remove gloss.
- 2.7 Note: Do not soak parts to be bonded with cleaner specified in 1.4. Use of a moistened rag is recommended.

Clean reworked areas.

2.8 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.

### 12RL-036

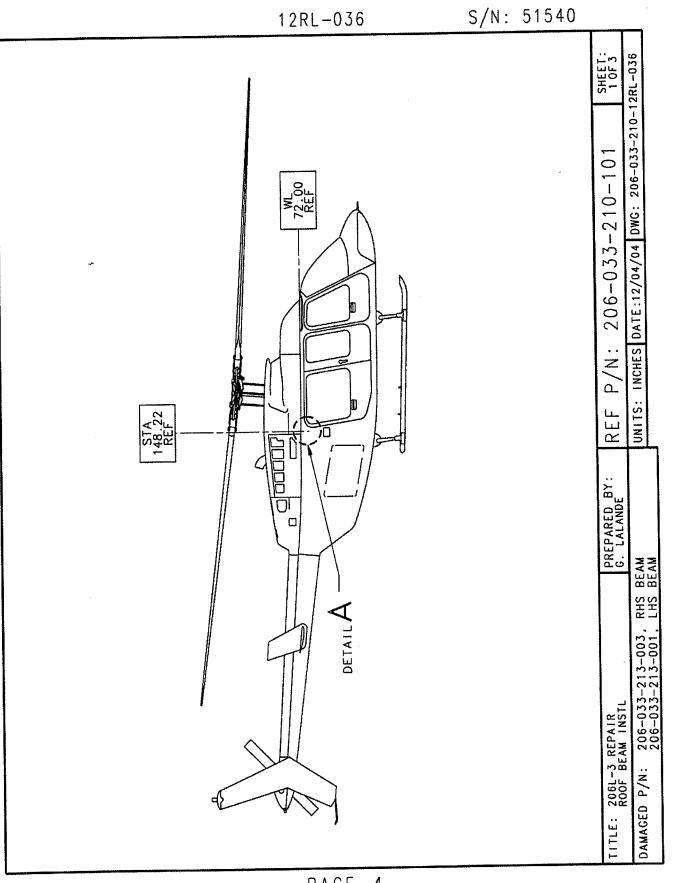
### <u>S/N 51540</u>

### 2.0 PROCEDURE: (CONT'D)

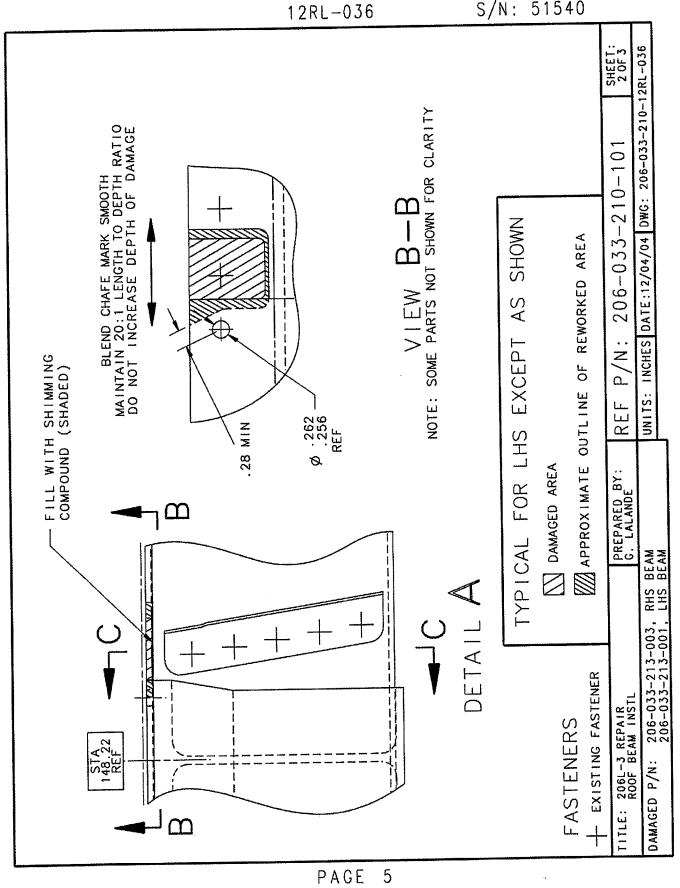
- 2.9 Apply shimming compound specified in 1.3 to faying surface of reworked areas of LHS/RHS roof beams. See detail A.
- 2.10 Allow to cure at room temperature for 6 hours.
- 2.11 Sand shimming compound smooth to surface of LHS/RHS roof beams upper outboard flange.
- 2.12 Note: Do not soak parts to be bonded with cleaner specified in 1.4. Use of a moistened rag is recommended.

Clean reworked areas.

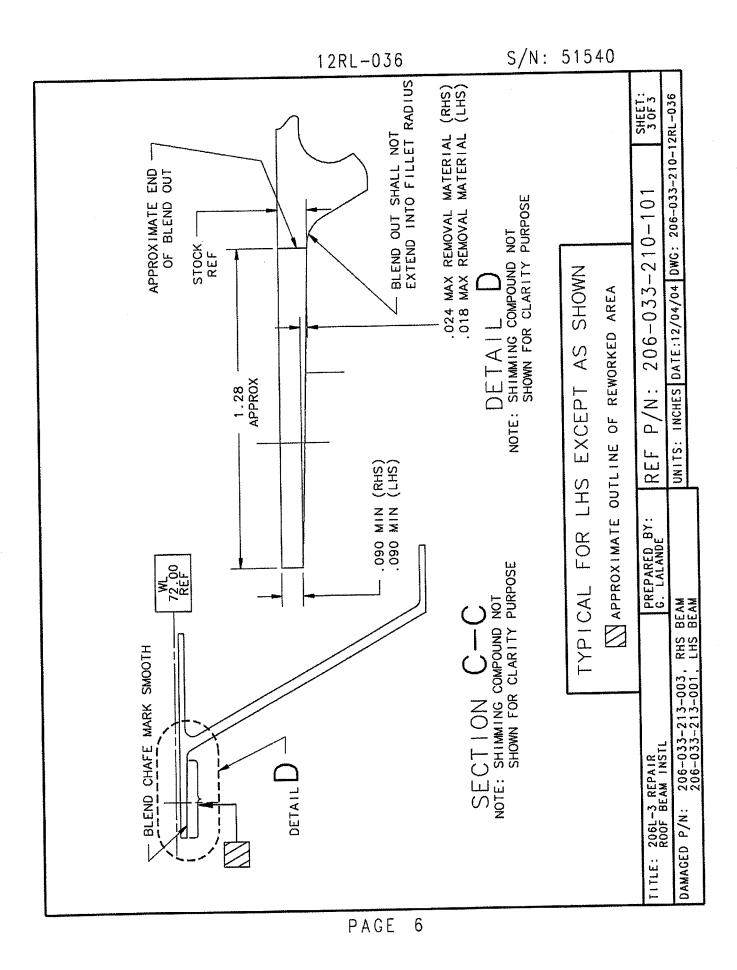
- 2.13 Inspect cured shimming compound for discrepancies. Pinholes, porosity and voids less than 0.15 inch diameter and at least one inch apart are acceptable as is.
- 2.14 If required, touch-up primer. Allow to dry.
- 2.15 Ensure means are taken to prevent further chafing.
- 2.16 Re-finish as required.



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51540 S/N:



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2			· ·					Approved No. 2120-0020 2007	Electronic Tracking Number
US Department of Transportatio Federal Aviatio Administration	n		OR REPAIR AND Powerplant, Pro						For FAA Use Only
instructions	and dispos	or type all entr ition of this form C. §46301(a))	ies. See Title 14 CF . This report is requi	FR §4 ired by	3.9, Part 43 y law (49 U.s	Appendix B, and S.C. §44701). Fail	d AC 43.9 lure to rep	9-1 (or sub port can re	osequent revision thereof) for sult in a civil penalty for each
	Nationality N320	y and Registratic	n Mark			Serial No. 51540			
1. Aircraft	Make Bell					Model 206			Series L-3
2. Owner	Name (As PHI,	0	tration certificate)			1	Assura	egistration	certificate) SE Evangeline Thruway _{State} LA
z. Owner						city <u>Lafaye</u> zip 70508-		Cour	htry USA
			- MAR 47-18-1	3. Fo	or FAA Use	Only			
								-	
4. Ty	)e		·	5. U	Init Identific	ation			
Repair	Alteration	Unit	Ma	ake			Model		Serial No.
$\mathbf{V}$		AIRFRAME				(As described	d in Item 1	above)	
		POWERPLAN							
		PROPELLER							
		APPLIANCE	Type Manufacturer						
					nformity Sta				
A. Agency's N		ddress		B. H	Kind of Agen	cy ated Mechanic		Ма	nufacturer
Name <u>PHI,</u> Address <u>P. O.</u>		3				ificated Mechanic			ificate No.
city Lafay		untry USA	State <u>LA</u>	$\checkmark$		Repair Station Maintenance Organ	zation	-	HEER617E
D. I certify have be	that the rependent	pair and/or altera accordance with	ation made to the un h the requirements of to the best of my kno	of Part	dentified in it 43 of the U.S	em 5 above and	describe	d on the re ions and th	verse or attachments hereto hat the information
Extended rar per 14 CFR F	ge fuel	Sigr	nature/Date of Author	rized I	ndividual		Terre	11 K. M.	elancon Q 2 10
App. B		- A	end K. M	Ma	val for Return	to Service			9-2-12
Pursuant t Administrat	o the autho or of the Fe	ority given pers deral Aviation Ad					vas inspe	ected in th	he manner prescribed by the
F/	A Fit. Stand	tards	nufacturer	Ma	aintenance O	rganization		sons Appro	ved by Canadian Transport
BY	A Designee	X Re	pair Station	Ins	spection Auth	orization	Other (S	pecify)	,
Certificate or Designation N		0	nature/Date of Author		,		7	erreli k	4. Mebacon 9-2-12
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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.

				N	13207Q		9-2-12
				Nationality an	nd Registration	Mark	Date
Re	place	<i>Stru</i> ment of L/		<i>al Repo</i> R/H Aft.		all A	Angles
		Firewall Angle		Part Number:		-902-0	036-R/H
Repair Nur	nber:	PHI-206L-RP-( <u>Rev. A</u>		Part Serial Nu	umber:	N	//A
(I/H) to Fi	rewall in	stalled steel ang	gles P/N	ngles installed 206-064-902-0	028 (R/H)	& 206	5-064-902-027
Structural r manual, exc	epairs macept the s	accordance with ade according to ize of this repair	Repair the mar exceed	206-064-902-0 Number PHI-2 nufacturer's hel ed the limits as	206L-RP- licopters s specified	0068, I structur l in the	Revision A. ral repair manual.
Structural r manual, exc Approval re By DER:	epairs macept the s	accordance with ade according to ize of this repair or this repair acc	Repair the mar exceed ording t Design:	206-064-902-0 Number PHI-2 nufacturer's hel ed the limits as	206L-RP- licopters s specified d on FAA <u>DERT-7</u>	0068, 1 structur in the Form 10057-	Revision A. ral repair manual. 8110-3.
Structural r manual, exc Approval re By DER:	epairs macept the s cept the s ceived for <u>Michael</u>	accordance with ade according to ize of this repair or this repair acc <u>T. Cox</u>	Repair the mar exceed ording t Design:	206-064-902-0 Number PHI-2 nufacturer's hel ed the limits as o data approve ation Number:	206L-RP- licopters s specified d on FAA <u>DERT-7</u>	0068, 1 structur in the Form 10057-	Revision A. ral repair manual. 8110-3.
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Structural r manual, exc Approval re By DER: Dated:	epairs macept the s cept the s ceived for <u>Michael</u>	accordance with ade according to ize of this repair or this repair acc <u>T. Cox</u> Negligible.	Repair the mar exceed ording t Design 8110-3	206-064-902-0 Number PHI-2 nufacturer's hel ed the limits as o data approve ation Number:	206L-RP- licopters s specified d on FAA <u>DERT-7</u>	0068, 1 structur in the Form 10057-	Revision A. ral repair manual. 8110-3.

2					TEDATION	1	1	Form App OMB No. 11/30/200	2120-0020	
US Department of Transportation Federal Aviation Administration	ı	(Airframe, P	R REPAIR AND owerplant, Pro	pell	er, or Appl	iance)				For FAA Use Only
instructions	and disposi	or type all entri ition of this form. C. §46301(a))	es. See Title 14 CF This report is requir	R § red b	43.9, Part 43 by law (49 U.s	Appendix B, a S.C. §44701). F	and AC Failure t	43.9-1 o repor	(or sut t can re	osequent revision thereof) for sult in a civil penalty for each
· · ·	Nationality N231	/ and Registration	n Mark			Serial No. 51540				
1. Aircraft	Make					Model			T	Series
	Bell					206				L-3
2. Owner	Name (As PHI,	shown on regist Inc.	ration certificate)		<u></u>	City Lafa	shown lity Ass vette )8-2156	surance	e 2001	certificate) SE Evangeline Thruway 
				3. 1	For FAA Use					
4. Тур	e			5.	Unit Identific	ation				
Repair	Alteration	Unit	Ma	ake			Mod	el		Serial No.
	$\checkmark$	AIRFRAME				(As descril	bed in li	tem 1 a	bove)	
		POWERPLANT								
		PROPELLER								
		APPLIANCE	Type Manufacturer							
1			<u>.</u>		onformity Sta					
A. Agency's N		ddress		<u>В.</u>	Kind of Agen	cy ated Mechanic			Ma	anufacturer
Name <u>PHI, I</u> Address P. O.		8				ificated Mechani	с			ificate No.
_{City} <u>Lafay</u> _{Zip} 70509	ette - <u>0808</u> _c	untry USA	State LA	$\checkmark$		Repair Station Maintenance Org	ganizatio	n		HEER617E
D. I certify	that the re	pair and/or altera	tion made to the un the requirements o to the best of my kno	f Par	t 43 of the U.S	em 5 above ar 5. Federal Avia	nd deso ition Re	cribed o gulatior	on the re	everse or attachments hereto hat the information
Extended ran per 14 CFR F App. B	ge fuel		ajure/Date of Author I GU Da	rized U			) oger	DA	le. B	urchett SEP 2 5 2012
Pursuant to	o the auth	ority given pers	ons specified below			fied in item 5	5 was	inspect	ed in t	he manner prescribed by the
Administrat	or of the Fe	deral Aviation Ad	ministration and is			Approved		Rejecte	d	oved by Canadian
BY Ins	A Flt. Stan spector	Ivial	nufacturer	_	laintenance C	-	Othe		rtment of	Transport
	A Designe		Dair Station		nspection Aut	IONZATION				
Certificate or Designation N H	lo. EER617E		ature/Date of Author		Bu	tett				SEP 2 5 2012
FAA Form	<b>337</b> (10-06)	/	1	-						

L	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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٤	8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

(in more space is required, attach additional sneets, id	shary wan anoral had			k completed.)
		N231PH		SEP 2 5 2012
		Nationality and Registration	Mark	Date
	STC INSTA	LLATION		
Installed Aeronautical Accessories Inc. and Installation Instruction Report num	Replacement Wi ber AA-89001, F	indshields in accordan Revision I, dated April	ce with S 17, 2000	TC SH1664SO
Actual Weight and Balance complied w	vith.			
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	Additional Sheets	Aro Attached		

FAA Form 337 (10-06)

						<b>A</b>			E.
US Department of Transportation Federal Aviation Administration	<b>Airfr</b>			ND ALTERATI Propeller, or Ap		)	F	oroved . 2120-0020 For FAA Use ntification	Only
anuuispusit	ion of this form. H	e all entries. See FAI his report is require on 901 Federal Avia	d dv la	FAR 43 Appendix B, w (49 U.S.C. 1421). F ct of 1958).	and AC 43 ailure to re	9-1 (or subseque port can result in	nt revision a civil pena	thereof) for i alty not to exc	nstructions ceed \$1,000
1. Aircraft	Make Bell				Model	3		<u> </u>	
	Serial No.	_			National	ity and Registrati	on Mark		· · · · · · · · · · · · · · · · · · ·
	5154 Name (As show)	0 n on registration ce	rtifica	te)	Address	N32070 (As shown on reg		Contificato I	
2. Owner		edit Corp.		,	111	Westminst Vidence, I	ter St		
				3. For FAA Use O	1		-		
<del>24 - 24</del>									
		, <u>,,,,</u>		4. Unit identificati	<u>on</u>			5. Type	1
Unit	M	ake		Model		Serial N	0.	Repair	Alteration
AIRFRAME	~~~~~	•••••••••••••••••••••••••••••••••••••••	As des	scribed in Item 1 abov	(8)	•••••••••	~		x
POWERPLANT							-		
PROPELLER									
APPLIANCE	Type Manufacturer								• •
	me and Address			6. Conformity Staten			······································	A	L
A Agency 3 Na	and Address			B. Kind of Agency U.S. Certificated				ficate No.	
Petroleu P.O. Box Lafayett	c 90808	ters, Inc. 509		Foreign Certifica X Certificated Rep Manufacturer	ated Mecha	nic	Accesson Radio Cl	e, Powerplan ries Limited lass 1, 2, 8 HEER617E	1
nave been	made in accorda	ralteration made to nce with the require correct to the best	ements	nit(s) identified in iten	n 4 above a 5. Federal <i>i</i>	nd described on t Aviation Regulation	he reverse ons and th	or attachmer at the inform	nts hereto ation
Date	······			Signature of Autho	rized Indiv	ridual		· · · · ·	
2/2	0/95		7 4-	U/illiam	A. 1	lille			;
Pursuant to the Administrator	ne authority giver of the Federal Av	n persons specified iation Administratio	belo	w, the unit identified	in item 4	was inspected in	n the mani	ner prescribe	d by the
	It. Standards	Manufacturer 🖇		Inspection Authoriza		Other (Specify)			•
FÁA C	Designee X	Repair Station		Person Approved by Canada Airworthines	s Group				
ate of Approva	or Rejection	Certificate or Designation No. HEER617E		Signature of Author		duai 11/11/11/11	, <u>, , , , , , , , , , , , , , , , , , </u>		

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FAA Form 33/7 (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 Aeronautical Accessories, Inc., lightweight, replacement, nitrogen, reservoir assembly on emergency flotation system in accordance with STC SR00175AT.

END

# NOT INSTALLED

Additional Sheets Are Attached

US Departme of Transporta Federal Avia Administratio	ion ilon		DR REPAIR AN Powerplant, Pro			Form Approved OMB No. 2120-0020 2/28/2011	Electronic Tracking Number For FAA Use Only	
instruction	s and dispos	t or type all entr sition of this form .C. §46301(a))	ries. See Title 14 C a. This report is requ	XFR §43.9, Part 43 uired by law (49 U.	3 Appendix B, and S.C. §44701). Failu	AC 43.9-1 (or sub re to report can re	sequent revision thereof) for sult in a civil penalty for each	
1. Aircraft	Nationalii	y and Registratio	Mark 31 <i>P</i> H	ti stati st	Serial No.	51540	Series	
	Warc	BeL	L		206		L-3	
	Name (A	-	tration certificate)		Address (As sho	wn on registration	certificate) ໄມ່ພະ TRເພັງ	
2. Owner	P	t, $t$ ,	JC.		City LAFA	<u>SE EDANGE</u> Vette 8-2156 coun	State 1.4	
		-		3. For FAA Use				
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4. Ty	pe			5. Unit Identific	ation		· ·	
Repair	Alteration	Unit	M	lake	M	lodel	Serial No.	
		AIRFRAME			(As described i	n Item 1 above)		
		POWERPLANT	Rolls Royce		250 C30P		CAE-895683 CAC-91548	
		PROPELLER						
		APPLIANCE	Type Manufacturer					
	Name and Ad	drees		6. Conformity Sta B. Kind of Agen				-
	ool & Parts				ated Mechanic	Man	ufaclurer	
	2560 Simp	son Road			ificated Mechanic Repair Station	C. Certifi	cate No.	_
[™] Richn _P V6X 2		ntry Canada	_ State <u>B.C</u>	- <u> </u>	Maintenance Organizat	lion 39-87		
have b	een made in	accordance with rue and correct t	the requirements of the best of my know	f Part 43 of the U.S wiedge.	n 5 above and descr 5. Federal Aviation R	ribed on the revers	e or altachments hereto at the information	
Extended ran per 14 CFR f App. B			ature/Date of Author		Day (H-	5)	July 10/14	
D	- 4h-c	-14		proval for Return		inanceled in the	monnor proportion by the	-
Administrat	or of the Fed	eral Aviation Adr	ns specified below ministration and is		Approved	Rejected	e manner prescribed by the	
	A Flt. Stand spector	ards Man		Maintenance O	<b>·</b>	Persons Approve Department of Tr her (Specify)		4
	A Designee	Repa	air Station	Inspection Auth	orization			
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ertificate or esignation N	lo.	-			Bih	$\langle \langle \vec{a} \rangle \rangle$	July 10/14	r I

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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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e per entre en Entre entre		Nationality and R	, <u></u> ,,,,	Date	<u> </u>
escription: Rolls Royce Shroud Housing					
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0		MAJOR R	EPAIR AND	A		N	Form Approved OMB No. 2120-0020 2/28/2011	d	Electronic Tracking Number
US Department of Transportation Federal Aviation Administration	,	rframe, Powe	•	-					For FAA Use Only
INSTRUCT for instruct	IONS: Printions and di	t or type all entries sposition of this f violation (49 U.S.C	orm. This repor	CFR t is	§43.9, Part required by	43 Appendix B, law (49 U.S.C.	and AC 43.9- ⁻ §44701). Fail	1 (or ure	subsequent revision thereof) to report can result in a civil
		and Registration Mar	k			Serial No. 51540			
1. Aircraft	Make	31PH				Model			Series
	Bell	shown on registration	o certificate)			206 Address (As sh	own on registrati	ion ce	L-3 ertificate)
		I, Inc.	r conmouloj			Address Qu	ality Assurance		001 SE Evangeline Thruway State
2. Owner	FII	і, ш <b>с</b> .				Zin	avette 508-2156	Cou	
				3.	For FAA Us	e Only			
						1			
4. T	ype				5.	Unit Identificati	on		
Repair	Alteration	Unit	N	lake	Э	M	odel		Serial No.
		AIRFRAME				(As described	in Item 1 abov	/e)	
		POWERPLANT							
		PROPELLER							
		APPLIANCE	Туре			L .			
		AFFLIANCE	Manufacturer	-	an				
			e	6. C	onformity S	tatement			
A. Agency's Name		Address		B. ł	Kind of Agen	cy ated Mechanic			Manufacturer
Address		NT DES MOUTO			Foreign Cer	tificated Mechani	>		Certificate No.
City Zip	LAFAYET	TE State Country U.S.		Х	Certified Re	pair Station iintenance Organi	zation		S B1H2300N Limited Airframe nited Specialized Services
D. I certify have b	y that the rep een made ir		n made to the un he requirements	iit(s) of P now	) identified in Part 43 of the	·····			everse or attachments hereto nd that the information
Extended ra per 14 CFR App. B		S	gnature/Date of	Au	thorized Indi	vidual S	Indi	1 Z	
- 1- 1 ⁻ 1			7. /	Арр	oroval for Re	eturn To Service			
Pursuant to Administra	the author tor of the Fe	ity given persons ederal Aviation Ad	specified below, ministration and	the is	e unit identifi ⊠	ed in item 5 was APPROVED	inspected in tl	he m ED	nanner prescribed by the
BY	FAA Flt. Inspecto	Standards or	Manufacture	r	Mainte	nance Organizat	on /		Persons Approved by Canadian Department of Transport
	FAA De	signee X	Repair Statio	n	Inspec	ion Authorization		Other	(Specify)
Certificate Designatio B1H2300N	n No.		gnature/Date of	Au	thorized Indi	vidual	)]]_h	ا ل	du-
	<b>n 337</b> (10-06					/\¥	× // L	Ţ	

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.)

	N231PH Nationality and Registration Mark	8-30-2012 Date
NOMENCLATURE: ROOF ORIGINAL PART NUMBER: 206-033-201-275 SERIAL NUMBER: AO-7225 WORK ORDER NUMBER: W187326AA		
OVERHAULED PANEL MENTIONED ABOVE IN TEXTRON, INC. FAA APPROVED OVERHAUL DATED 4/19/99.		
END	****	

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US Department of Transportatio Federal Avtable Administration	∘ (Aiı ∞				ALTERAT peller, or A		e)	I	oroved b. 2120-0020 For FAA Use entification	Only	
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	Make Bell					Model	206L-3				
1. Aircraft	Serial No. 5154(	)				Nationa	lity and Registrat	ion Mark			
2. Owner	Name (As sho			cate)	· · · · · · · · · · · · · · · · · · ·	Address 5	<u>13207Q</u> 5 (As shown on re 728 Jefferson Jew Orleans, 1	Hwy #2	#23502		
		· · · · · · · · · · · · · · · · · · ·		3.	For FAA Use						
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	· · · · · · · · · · · · · · · · · · ·			4.	Unit Identifica	tion			5. Type		
Unit		Make			Model		Serial N	0.	Repair	Alteration	
AIRFRAME	~~~~	••••••	aaaaa (As o	lescribe	ed in Item 1 abo	ove)	*******	~	X		
POWERPLANT					· · · · · · · · · · · · · · · · · · ·				-		
PROPELLER											
APPLIANCE	Type Manufacturer										
				6. Cc	onformity State	ment		<u> </u>			
	me and Addres			<u> </u>	Kind of Agenc	·		C. Certi	ficate No.		
Petroleum F P.O. Box 90 Lafayette, L		nc.		x	U.S. Certificate Foreign Certific Certificated Re	cated Mecha		Accessor	e, Powerplant, a ries Limited - R 3 - CRS No. H	adio Class	
D. I certify the have been	at the repair and					m 4 above a S. Federal	and described on t Aviation Regulation				
Date	1 9 -	9 <i>8</i>		Sig	nature of Authorian Author				AVIS .		
Pursuant to the Administrator	ne authority giv of the Federal A	en persons s	necified hel	ow the	e unit identified	d in item 4	was inspected in	the manr	ner prescribe	d by the	
FAA F	It. Standards	Manufactur			ection Authoriza		EJECTED Other (Specify)		<u> </u>		
	esignee X	Repair Stati	on	Pers Cana	on Approved by ada Airworthine	Transport ss Group					
ate of Approval	or Rejection $-98$	Certificate Designatio HEER	n No.	_	ature of Autho	·	idual	ð <i>:</i> :	Str.		
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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

Structural repair/reinforcement of roof beam part number 206-033-210-001/101/121 on model 206L-1 and 206L-3 serial numbers 45300 and sub and 51001 and sub.

Subject repair/reinforcement of roof beam repaired according to data approved on FAA Form 8110-3 by DER Gailey, Designation Number SW-569, 8110-3 Serial Number 8110-13883A.

END

Additional Sheets Are Attached

US Department	- -			OR REPAIR ANI		-					Form / OMB N 11/30/3	Approved No. 2120-0020 2007	Electronic Tra	·
of Transportat Federal Aviat Administratio	ion ion	. <b>(Ai</b>	rframe,	Powerplant, Pro	ok	pelle	er, or App	liance)		-				
instruction	s and dispo ion. (49 U.S	sition ( s.C. §4	of lhis for 6301(a))	ntries. See Title 14 C m. This report is requ	۶F بار	R §4 red by	3.9, Part 43 / law (49 U.3	Append S.C. §44	ix B, a 701). F	ind AC ailure to	43.9 o rep	-1 (or sub ort can re	sequent revisult in a civil	ision thereof) for penalty for each
	Nationali N23		Registra	lion Mark				Serial	No. 51540					
1. Aircraft	Make					• •		Model					Series	
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2. Owner		, inc.	wn on reg	istration certificate)					Quali Lafay	ity Ass	uran	ce 2001 :		ine Thruway state LA
						3. Fo	or FAA Use	Only				-		
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		PRO	PELLER											
		APPI	LIANCE	Type Manufacturer						. –				
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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.)
	N231PH	DCT 1 8 2012
	Nationality and Registration M	lark Date
STC	INSTALLATION	
Installed Aeronautical Accessories, Inc. Rubbe STC SH5850SW and Installation Instruction R 2000.	r Mounted Chin Window Assem eport number AA-91034, Revisi	bly in accordance with on H, dated June 27,
Actual Weight and Balance complied with.		
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FAA Form 337 (10-06)

US Departir of Transpor Federal Av	riation (AIT)	MAJOR REPAII rame, Powerplar					•)		2120-0020 or FAA Use (	Dnly	
and disp	JCTIONS: Print or typ	oe all entries. See FAR 4 This report is required l tion 901 Federal Aviatio	by law	(49)	U.S.C. 1421). Fr	and AC 43. ailure to re	9-1 (or subseque port can result in	ntrevision acivil pena	thereof) for ir ilty not to exc	nstructions eed \$1,000	
	Make	13 224			<u></u>	Model	2062	- 3			
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PROPELLER						-					
APPLIANCE	Type Manufacturer				 					•	
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have t	been made in accord	or alteration made to t arrice with the requiren of correct to the best o	nents	of Pa	art 43 of the U.	m 4 above a S. Federal	and described on Aviation Regula	the reverse tions and ti	e or attachme hat the inform	nts hereto nation	
Date SE	EP 1 3 2007			Sig	hature of Authorithe	orized Indi	B. SCHI	ELLEN	BERG		
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	FAA Fit. Standards	Manufacturer	T	Insp	pection Authoriz	ation	Other (Specify	9			
зү 🕂 –	FAA Designee	Repair Station	X	Pers Can	son Approved by ada Airworthine	/ Transport ess Group	t				
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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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anuuispusi	tion of this form.	pe all entries. See F/ This report is requir tion 901 Federal Av	ed by i	law (	49	USC 1421) Fa	ind AC 43 lilure to r	3.9-1 (or subse report can resu	que It in	nt revisio a civil pe	n thereof) for i naity not to exi	nstructions ceed \$1,000
1. Aircraft	Make Bell						Model	206L-	3			<u> </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 convorthiness 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.)

### SKIN 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 D. Beluska, Designation Number SW-844, dated 01-25-95, serial number 8110-20562.

END

US Deportment of Transportation Federal Aviatik Administration	(Airframe, Power		AND ALTERATION Propeller, or Appliance)				Form Approved OMB No. 2120-0020 For FAA Use Only Office Identification		
and disposi	IONS: Print or type all entries. See f tion of this form. This report is requ ch violation (Section 901 Federal A	ired by law (49 U.S.C. 1421	B, and AC 43.9- ). Failure to repo	-1 (or subseque ort can result in	nt revision ti a civil penal	hereof) for i Ity not to exc	nstructions ceed \$1,000		
1. Aircraft	Make BELL		Model 2	206L-3					
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		3. For FAA Us	e Only						
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Petroleu P.O.Box	m Helicopters, Inc.		ated Mechanic			ME, POW SSORIES			
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nave beer	hat the repair and/or alteration made n made in accordance with the requ	irements of Part 43 of the	tem 4 above and	described on ti viation Regulation	he reverse o	• HEER6			
Date	herein is true and correct to the be	Signature of Au	thorized Individ	lual		AVIS			
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FAA	Designee X Repair Station	Person Approved Canada Airworthi	by Transport ness Group						
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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 starter sequence according to Petroleum Helicopters, Inc. Drawing Number 206-L-RI-511 4 each sheets, Drawing Number PH1 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.

----END----

US Department of Transportation	sportation (Airframe, Powerplant, Propeller, or Appliance)									2120-0020 or FAA Use (	Dniy	
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·	Make Bell					Model 206L-3						
1. Aircraft	Serial No. 515	40	,		Nationality and Registration Mark							
2. Owner	Name (As shown on registration certificate) Petroleum Helicopters, Inc.						Address 2001 SE	(As shown on r Evangeline Th e, LA 70508-21	ruway	ertificate)		
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A. Agency's Name and Address Petroleum Helicopters, Inc. P. O. Box 90808 Lafayette, LA 70509									Airi	C. Certificate No. HEER617E Airframe, Powerplant, and Accessories Limited - Radio Class 1, 2 and 3		
_	-		ation made to the unit			item 4 above and						
accordance with Date	NUG 2 5 2004	of Pa	t 43 of the U.S. Feder	al Aviatio		nature of Author	ized Indiv			ct to the best of	my knowledge.	
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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.)

# **STC INSTALLATIONS**

- 1. Installed Pop-Out Chin Bubble Assembly in accordance with STC SH5850SW.
- 2. Installed Precise Flight Pulselite system according to Precise Flight Inc., STC SH3319NM and PHI Picture and Sketch Data Document No. PHI-206L-PS-0040, Revision IR and PHI Electrical Diagram No. PHI-206L-12732, Revision IR.
- 3. Installed Kaflex Driveshaft in accordance with STC SH8683SW.
- 4. Installed Elastomeric Tail Rotor Bearing in accordance with STC SR09248RC.
- 5. Installed aviation white anti-collision lights on the horizontal stabilizer in accordance with Whelen Engineering Company, Inc. STC SA800EA with minor changes in accordance with Petroleum Helicopters, Inc. drawing PHI-206-12608, Revision A, and PHI-206L-PS-0042, Revision C.
- Installed Apical Industries, Inc. Emergency Float/Life Raft Kit in accordance with STC SR01535LA. Removed light weight float system and wiring in accordance with Bell SI 206-2033. Flight Manual Supplement FMS-PHI-1, Revision A, dated October 24, 2003, installed in flight manual as required.

Compass corrected as required.

Weight and balance amended as required.

END

Additional Sheets Are Attached

Electronic Version (Adobe)

Q	· · · · · · · · · · · · · · · · · · ·			R REPAIR AN			TERATIO			Form Ap OMB No 11/30/20	. 2120-002		
US Departmer of Transportati Federal Aviati Administratio	on ion			Powerplant, Pr								For FAA Use Only	
instruction	TIONS: Print s and dispos ion. (49 U.S.	sition of th	nis form	ies. See Title 14 ( . This report is req	CFF	₹§4 ed b	43.9, Part 43 by law (49 U.9	Appendix S.C. §4470	B, and A D1). Failur	AC 43.9- e to repo	1 (or su ort can re	bsequent revision thereof) for esult in a civil penalty for each	
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2. Owner	2. Owner PHI, Inc.								Lafayette		.0 2001	State LA	
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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.)

N3207Q Nationality and Registration Mark

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			_			

Date

# Structural Repairs

# Part Nomenclature: Frame Assy. Part #: 206-032-303-035 Repair # PHI-206L-RP-0216

<u>Work Accomplished</u> : Cut away chafe area on Frame @ Sta. 167.33. Fabricated and installed a .040" thick alum. doubler using composite bond material as per repair # <u>PHI-206L-RP-0216.</u>

# Part Nomenclature: Web Assy. Part #: 206-032-309-157 Repair # PHI-206L-RP-0218

Work Accomplished: Cut away elongated holes (Sta. 192.00). Fabricated/installed 2 each .025" thick fillers and a .032" thick doubler using alum. material as per repair # <u>PHI-206L-RP-0218</u>.

# Part Nomenclature: Web Assy. Part #: 206-032-309-157 Repair # PHI-206L-RP-0219

<u>Work Accomplished</u> : Cut away corrosion at fwd edge. Fabricated / installed a .025" thick alum. filler, .032" thick doubler & tapered shim using alum.material as per repair # <u>PHI-206L-RP-0219</u>.

# Part Nomenclature: Web Assy. Part #: 206-032-309-157 Repair # PHI-206L-RP-0220

<u>Work Accomplished</u> : Removed corrosion around access hole. Fabricated / installed .050" thick alum. tapered shims under existing angles and a .050" thick overlay doubler using alum. material around entire access opening as per repair # <u>PHI-206L-RP-0220</u>.

Structural repair 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 approved on Form FAA 8110-3.

By DER	Roland M. Howard, Jr.	Designation Number	DERT-710134-SW
Dated	6-5-2012	8110-3 Serial Number	1206-16

Weight and Balance Negligible.

END

Additional Sheets Are Attached

					1206-16
		artment of Trans			1. Date
		Aviation Adminis			JUN 5 2012
STATEMENT			IRWORTHINESS		
2. Make	3. Model			ne, Radio, Helicopter, etc.)	5. Name of Applicant
BELL HELICOPTER TE	•		1. 1900 (/pid.		
CANADA LIMITED		206L-3		HELICOPTER	PHI, INC.
			LIST OF DATA		
6. Identification				7. Title	
DOC. PHI-206L-RP REV. IR, 05-04-12	 -0216, 			RAME STA. 167.33 P/N: 206-0 ELL MODEL 206L-3 HELICO	1
DOC. PHI-206L-RP REV. IR, 05-11-12	 -0218, 			EB ASSEMBLY P/N: 206-032 ELL MODEL 206L-3 HELICC	
DOC. PHI-206L-RP REV. IR, 05-11-12	 -0219, 		FWD EDGE) ON	EB ASSEMBLY P/N: 206-032 I A BELL MODEL 206L-3 HE	
DOC. PHI-206L-RP REV. IR, 05-17-12	-0220,	REPAIR PROC P/N: 206-032-3	EDURE FOR BA	GGAGE COMPARTMENT V SION AROUND ACCESS HO N: 51540	
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FAA Form 8110-3

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1. Aircraft	N 231		istration Ma	ark					154	0		
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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.)

N231PH

Nationality and Registration Mark

### STC INSTALLATION

#### TAIL ROTOR BLADES

Installed Van Horn Tail Rotor Blades in accordance with Van Horn Aviation, L.L.C. STC Number SR02249LA Master Document List (MDL) 206MDL-001, Revision G, 07-19-2011 and Instructions for Continued Airworthiness ICA Manual NO. VMM-206L3-307, Revision H 10-09-2013.

FAA approved Rotorcraft Flight Manual Supplement, Document No. 206L4-FMS-904 Revision 2, 07-02-2012 is a part of this installation and is installed in the Rotorcraft Flight Manual.

Weight and Balance is Negligible.

END

FAA Form 337 (10/06)

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US Department of Transportation Federal Aviation Administration	(Airframe, Powerpla	R AND ALTERATIOnt, Propeller, or Ap				0-0020 AA Use Only		
and disposition	DNS: Print or type all entries. See FAR on of this form. This report is required a violation (Section 901 Federal Aviati	by law (49 U.S.C. 1421), Fa	nd AC 43.9-1 (or s ilure to report car	ubsequent revisio result in a civil per	n thereof) for i nalty not to exe	nstructions ceed \$1,000		
1. Aircraft	Make BELL		Model 206L-	-3		<u> </u>		
1. Anorati	Serial No. 51540			Registration Mark				
	Name (As shown on registration cert	tificate)	N3207 Address (As sho	vQ wn on registration	certificate)			
2. Owner	Fleet Credit Corpora	tion	111 Westn	inster Stre e, RI 02903	et			
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P.O.Box 9 Lafavette	e, La 70509	X Certificated Rep			CLASS 1			
D. I certify tha	t the repair and/or alteration made to t made in accordance with the requirer	Manufacturer the unit(s) identified in item nents of Part 43 of the U.S	4 above and desc	ribed on the revers	O. HEER6	ats barata		
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)ate	16-92	Signature of Author	Definitional	7	DAVIS	-		
Pursuant to th	e authority given persons specified	7. Approval for Return To below, the unit identified	in item 4 was ins	spected in the may	ner prescribe	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 aircraft nationality and registration mark and date work completed.)

### TAILBOOM MOUNTED ANTENNA

240 on Installed antenna mount at station 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 accomodate antenna systems for VHF and FMs.

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 chaffing according to AC 43.13-1A and AC 43.13-2A.

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

Weight and balance computed.

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No compass correction is necessary.

11-31-849. 11-31-849.

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US Department	<b>/</b> A., -		AJOR REPAIR				_			2120-0020	0		
of Transportation Federal Aviation Administration								For FAA Use Only Office Identification					
			I entries. See FAR 4 nis report is require n 901 Federal Aviati				and AC 43 ). Failure to	.9-1 (or subseque o report can result	nt revision in civil pena	thereof) for alty not to exc	instructions eed \$1,000		
	Make Bell					<u> </u>	Model 2	 06L-3					
1. Aircraft	Serial No. 51	1540			·	Nationality and Registration Mark							
2. Owner	Name (As shown on registration certificate) Petroleum Helicopters, Inc.					N3207Q Address (As shown on registration 2001 SE Evangeline Thruway Lafayette, LA 70508-2156							
					3.	For FAA Use	 Oniv						
		_		<u> </u>	4. (	Init Identifica	tion	· · · · · · · · · · · · · · · · · · ·		5. Type			
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troleum Helicop O. Box 90808 fayette, LA 7050	····,				U.S. Certificated Mechanic Foreign Certificated Mechanic Certificated Repair Station				HEER617E Airframe, Powerplant, and Accessories Limited - Radio Class 1, 2 and 3				
D. I certify that	the repair and/o	or alte	ration made to the unit(	s) identifi	ied in	Manufacturer	described or	the reverse or attac					
cordance with th	e requirements	of Pa	rt 43 of the U.S. Federa	al Aviatio	n Regi	lations and that t	ne informatio	n furnished herin is tru	le and correct	to the best of m	y knowledge.		
ate				-	Sigr	ature of Autho	rized Indivi	dual					
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Pursuant to the Administrator of	authority give	en pe Aviat	rsons specified bel	ow the	e unit	for Return Te dentified in iten APPROVED	n 4 was ins	spected in the man	iner prescrit	bed by the			
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FAA Fit Inspect	esignee or Rejection	×	Repair Station Certificate or Designation No.		Cana Sign	ature of Author	ess Group ized Individ						

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 Top Fuel Cell Panel** Part Nomenclature: Panel Assy. Part Number: 206-032-117-107 **Repair Number:** 04RL-087 Cut out damaged area of Top Fuel Cell Panel as required. Cleaned cavity and filled core area. Fabricated and installed 150-021-6B doubler to top of panel in accordance with repair number 04RL-087. 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 these repairs according to data approved on Form AE-100-1. Designation Number : By DER: A. Gendron CD 022 7-19-04 Serial Number : B3744 Dated : Weight and Balance amended. an and the second

				Form App	proved 0. 2120-0020				
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of Transportation		lant, Propeller, or A	(ppliance)		entification	Uniy			
Administration									
	IONS: Print or type all entries. See FA tion of this form. This report is requir ch violation (Section 901 Federal Av	ed by law (49 U.S.C. 1421)	3, and AC 43.9-1 (or Failure to report ca	subsequent revision an result in a civil pen	thereof) for alty not to ex	instructions ceed \$1,000			
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			Address (As sh	own on registration	certificate)				
2. Owner	Fleet Credit Corporation		5728 Jef	ferson Hwy #23	wy #23502				
			New Orleans, LA 70123						
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P.O. Box 9		X Certificated Re			ories Limited -				
Lafayette, 1	LA 70509	Manufacturer		1, 2, an	d 3 - CRS No.	HEER617E			
11410 00011	at the repair and/or alteration made t made in accordance with the requir herein is true and correct to the bes	ements of Part 43 of the H	em 4 above and des .S. Federal Aviatio	cribed on the reverse n Regulations and th	or attachme	nts hereto ation			
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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 THE FOLLOWING EQUIPMENT**

<u>Model</u>

1. Trimble 2000A GPS

43.10

Station

PHI 206L-12562, Rev. A

Drawing Number

<u>Circuit Breaker (amp.)</u> 2

Followed guidelines of FAA Approved Petroleum Helicopters, Inc Electrical Specification & Standard Practices Manual.

Installation made to withstand loads as per FAA advisory circular AC 43.13-2A, Chapter 1, paragraph 2.

Electrical load of the revised system does not exceed 80% of total generated output as required by AC 43.13-1A, chapter 11, section 2, paragraph 424, 426 and 430.

Wiring was installed in a suitable manner for protection against fuel, oil, water, and other detrimental substances and abrasion damage, AC 43.13-2A, Chapter 2, paragraph 27a(2).

Wires and cables are supported by insulated clamps to prevent chafing according to AC 43.13-1A, 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, AC 43.13-2A, Chapter 2, paragraph 21a and 27e.

Equipment switches and circuit breakers placarded for radio installation as required by AC 43.13-2A, Chapter 2, paragraph 27c(4).

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

Antenna installation located and installed similar to AC 43.13-2A, Chapter 3, paragraph 36a, b and 38b. Antenna located at fuselage station 78 on servo cowl.

Installation of GPS meets requirements of AC 20.138, paragraph 7. GPS is a stand alone unit and for VFR use only. Installed a placard on instrument panel in clear view of the pilot which states, "GPS Limited to VFR Use Only."

Flight check was made on  $\frac{11 - 21 - 95}{7}$  to assure that the accuracy requirements of AC20.138, paragraph 6 were met during flight { YES { } NOT APPLICABLE

For continued airworthiness, aircraft is to be maintained in accordance with PHI Maintenance Program.

Compass corrected as required.

Weight and balance amended as required.

□ Additional Sheets Are Attached

*U.S.GPO:1994-568-012/00019

END

US Departmen of Transportati Federal Aviati Administratio	on on						TERATION er, or App			Form Ap OMB No 11/30/20	. 2120-0020 107	Electronic Tracking Number For FAA Use Only
instruction		ition of this	form. This									sequent revision thereof) for sult in a civil penalty for each
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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.

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		Nationality and Regist	In the second seco
	Major	Alteration	
Installa	tion of Antenna Mou	nt,Vertical Fin Tip Ca	p Assembly
art Nomenclature:	Vertical Fin	Part Number:	206-020-113-163
Drawing Number:	PHI-206-60609	Serial Number:	W42985AA
	his alteration accordin	th Drawing # <u>PHI-206-6</u> g to data approved on F.	AA Form 8110-3.
	Bellott Designation	ion Number	DERT-750020-SW
By DER Louis I Dated 3-09-	2007 8110-3 S ended.	ion Number erial Number	DERT-750020-SW PHI07-011
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US Department of Transportatio Federal Aviatio Administration	n <b>(Airfr</b>	MAJOR REPAI ame, Powerplan				Form Approve OMB No. 21: For F. Office Identific	20-0020 AA Use Only	
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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.)

Nomeclature: Vertical Fin Original Part Number: 206-020-113-163 Serial Number: BP0000319 Work Order Number: J0285759

OVERHAULED ABOVE MENTIONED PANEL IN ACCORDANCE WITH PETROLEUM HELICOPTERS, INC. D.B.A. ACADIAN COMPOSITES, L.L.C., FAA APPROVED OVERHAUL PROCEDURE NUMBER PHI-450-OP-041, REVISION B, DATED 12/22/99.