

ENGINEERING REPORT

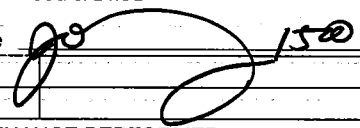
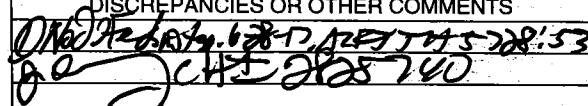
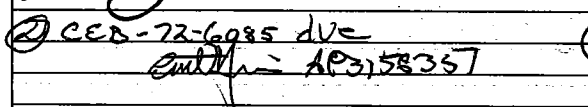
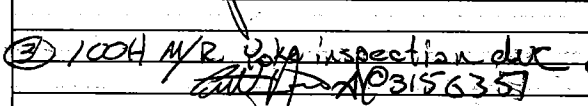
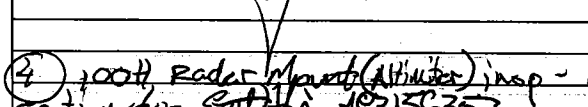
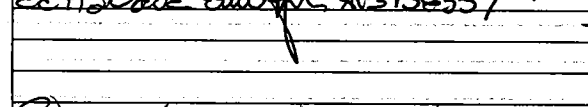
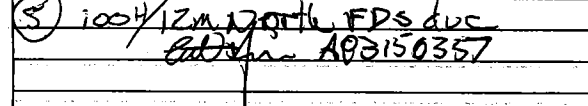
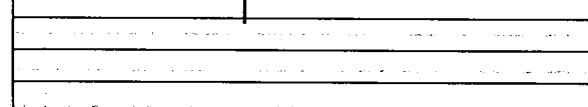
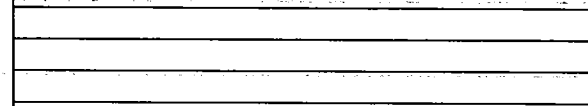
ENGINEERING
REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING
REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5728:04	J. Long 1783		Genesis	0:49	1	1		2
HOURS FLOWN TODAY	0:45								
TOTAL	5728:53								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude	500			28	Daily Total RIN 2				
EGT/TOT/ITT	664			Air Speed 124	(Computed From Applicable Model Formulas)				
NI/NG	97.1			Decel	Engine/s Rinsed & Dried				
Torque	80			Time	Signature  1500				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
① 6-28-17 T.T. 5728:53 Complied with visual pre-flight check of engine, oil, and fuel system. No defects noted. Ref. CEB-A-726085 Rev 3 2/2/17 next T.T. due is 5753:53.  AP3156357									
② CEB-72-6085 due  AP3156357									
③ 100H N/R. 100H inspection due  AP3156357									
④ 6-28-17 T.T. 5728:53 Complied with 100H N/R 100H inspection as required. No defects noted. Ref. BHT-507-100H d4 fig 412 Rev 15 dated 1/9/17.  AP3156357									
⑤ 100H Radar Mount (Altitude) insp -  AP3156357									
⑥ 6-28-17 T.T. 5728:53 Complied with visual inspection of Radar Alt Mount as required. No defects noted. At this time Ref. ICA-AA-TDA-16-209 Rev B dated 12/04/012 next due by T.T. 5728:53.  AP3156357									
⑦ 100H/12M North FDS due  AP3150357									
⑧ 6-28-17 I certify that ACFT N451PH, T.T. 5728:53 has been inspected and/or work performed in accordance with a PTE model 407 AIP 100H/12M North FDS inspection and the ACFT was determined to be in an airworthy condition.  AP3156357									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION 5532A		AIRCRAFT MODEL B1-407		N-451PH		DATE: MO. 06		DAY 28 YR. 17	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

Form A-16 L Rev. 9/98

AIRCRAFT N 451PH

PHI MODEL 407

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NEXT COMPONENT OR INSP. DUE					NEXT COMPONENT OR INSP. DUE				
Component (or insp.)	S/N or Freq	DUE	Date	Initial	Component (or insp.)	S/N or Freq	DUE	Date	Initial
ELT FUNCTION CHECK (Monthly)					POST MAINTENANCE CHECKS/MISC ITEMS				
ELT CHECK		7/20/17	7/16	82					
ELT Check		8/20/17			TR 8/5 couplings		10 to 25	5804.07	7/25/17
					7/23/17			5819.07	
POST MAINTENANCE CHECKS/MISC ITEMS									
CEB-72-6085	25HR	5753:53	7-2	SS					
CEB-72-6085	25HR	5765:51	7-9	CM					
CEB-72-6085	25HR	5764:26	7-12	DC					
M/R Mast Ant									
Lower Case TR	1/15	5741:51	07						
Check	1/15	5745:51	17						
Swash Plate	10/1	5750:51	7-9	RB					
Friction Check	1/25	5765:51							
TR Mast Ant	1/15	5745:35	7-16	CB					
TR CK	1/15	5749:35							
CEB-72-6085	25HR	5791:25	7-14	ge					
CEB-72-6085	25hr	5803:03	07-19						
CEB-A-72-6085	25Hant	5812:46	7-21	SS					
CEB-A-72-6085	25HR	5819:01	7-21						
CEB-A-72-6085	25X	5833:54							

Last Revised Date:

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PHI, INC.

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5736:46	Greg Telbot 2250		Genesis	3:07	1	4		7
HOURS FLOWN TODAY	3:07								
TOTAL	5739:53								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude 500				Air Speed 120	Daily Total RIN 7				
EGT/TOT/ITT 665 97.1				Decel	(Computed From Applicable Model Formulas)				
NI/NG 97.1				Time					
Torque 80					Engine/s Rinsed & Dried				
ADC Reading					Signature <i>[Signature]</i> Offshore				
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
① TRANSFER ALL TIMES AND HARD COVER WRITE-UPS FROM OLD LOG BOOK. <i>[Signature]</i> AIP 3566435					① Transferred all times and hardcover write-ups (to new / from old) log book 7-1-17 TT 5736:46 Kenneth Wade AIP 3422589				
② A/cft Total time and status report require update <i>[Signature]</i> AIP 3422589					② AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 7-1-17 AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE) TT 5736:46 PER STATUS REPORT UP DATE THROUGH 7-1-17 MECHANIC & A/P# <i>[Signature]</i> AIP 3422589				
③ UPON THROTTLE INCREASE THE FANCL DEGRADE AND FADEC FAULT LIGHTS ILLUMINATED. <i>[Signature]</i> AIP 3566435					③ 7-1-17, A/CFT TT: 5739:53, REMOVED UNSERVICEABLE ECU SN: JG6ALK0262 AND INSTALLED SERVICEABLE ECU SN: JG6ALK0974 IAW BHT 407-MM-9, CHAPTER 76, PARA 76-100 AND 76-103, REVISION 45 DATED 08 JAN 2012. CHECK RUN PROCEDURE SATISFACTORY <i>[Signature]</i> AIP 3566435				
④ CCI REQUIRED FOR ECU REPLACEMENT <i>[Signature]</i> AIP 3566435					④ 7-1-17, A/CFT TT: 5739:53, COMPLIED WITH CCI REQUIREMENTS FOR ECU REPLACEMENT. NO DEFECTS NOTED. <i>[Signature]</i> CP 3039869				
⑤ No defects noted TT 5739:53 7-1-17 <i>[Signature]</i> CP 3039869									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL 407		N- 451PH		DATE: MO. 7 DAY 1 YR. 17			

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PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5739:53	Greg Talbot 2250	Genesis	0:58		2		1
HOURS FLOWN TODAY	0:58							
TOTAL	5740:51							
ENGINE POWER CHECK								
#1		#2	OAT 26	Low Lifts _____ High Lifts _____				
Altitude 900			Air Speed 120	Daily Total RIN 1				
EGT/TOT/ITT 670			Decel _____	(Computed From Applicable Model Formulas)				
NI/NG 97.1			Time _____	Engine/s Rinsed & Dried				
Torque 80				Signature <i>[Signature]</i> 900				
ADC Reading								
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS								
MAINTENANCE PERFORMED								
<p>① ACFT IS LIMITED TO 9:34 FLIGHT HOURS FOR SURVIVALATE AND SPT ASSY REPLACEMENT DUE NLT 5749:27 ACFT HOURS APR 3439885</p> <p>② No defects noted T 5740:51 7-2-17 A CP 3034869</p> <p>③ CEB-72-6085-3307 25H inspection due. APR 3439885</p> <p>④ Compliance with PRJ-170508 T/R Blade Rec SOHR is due APR 3439885</p> <p>⑤ SOH/3M A/F Inspection is due APR 3439885</p>								
<p>① 07-02-2017 write up carried forward to next days Engineering Report dated 7-3-2017 APR 3439885</p> <p>② 07-02-2017 A/T: 5740:51 Complied with recurring Visual inspection & Leak check of outer combustion case w/ IAW CEB-72-6085-3307 No defects noted combustion case I/N M250-10404 S/N: YL12367 Rev 3 dated 2-Feb-2017 Next due: 5765:51 APR 3439885</p> <p>③ 07-02-2017 A/T: 5740:51 Complied with PRJ-170508-407 T/R Blade Rec APR 3439885 of T/R Blade Assy P/N: 407-012-101-115 S/N: TR53186 by checking for voids or indication of disbanding using steel tap hammer. No defects noted next due 5790:51 APR 3439885</p> <p>④ 07-02-2017 I certify that aircraft N451PA, total time: 5740:51, has been inspected and/or work performed in accordance with a PHI Model 407 AATP SOH/3M A/F Inspection. All CCI items have been signed, and the aircraft was determined to be in an airworthy condition. APR 3439885</p>								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
SIGNATURE <i>[Signature]</i>								
CERTIFICATE NO. APR 3566Y35								
STATION SM1205A	AIRCRAFT MODEL 407	N- 451PA	DATE: MO. 7	DAY 2	YR. 17			

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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PHI, INC.

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ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5741:16	J D Long 1783		honest	3:19	1	3		3
HOURS FLOWN TODAY	3:19								
TOTAL	5744:35								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts		High Lifts		
Altitude		500		25	Daily Total RIN		5		
EGT/TOT/ITT		562		Air-Speed	120				
NI/NG		96.7		Decel.	(Computed From Applicable Model Formulas)				
Torque		80		Time	Engine/s Rinsed & Dried				
ADC Reading				Signature					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
① Acft limited to 4:35 hrs Flight due to M/R Mast Nut and lower cone set TQ check due at Acft: 5745:51					① Complied with TQ Chk of M/R Mast Nut and Lower Cone set hardware. TAU Bell 407 MM, Rev 43, dtd 9 Jan 2017, Ch 62 and Ch 3. No Movement detected. No defects noted. No further action required at this time. 07/05/2017 ACT 5744:35 Oadac AP 3518441				
② Acft limited to 24:35 hrs Flight due to swashplate friction check due at Acft: 5765:51					② 7/5/17 ACT: 5744:35 Carried Fuel to engineering Report dated 7/6/17				
③ CCT Req for M/R Mast Nut TQ check					③ Complied with CCT for work performed on M/R Mast Nut TQ Check. All work found to be within acceptable limits. No defects noted. 07/03/2017 ACT 5744:35 AP 3521812				
④ 07/05/2017 ACT 5744:35					④ 07/05/2017 ACT 5744:35 I CERTIFY THAT ACFT WAS/IS/HAS BEEN INSPECTED AND/OR WORK PERFORMED IN ACCORDANCE WITH PHI MODEL 407 AAIT 300H T/R Assy Insp. All CCT ITEMS HAVE BEEN SIGNED AND THE ACFT WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. PERFORMED BALANCE OF TAIL ROTOR Assy. BALANCE FOUND WITHIN LIMITS.				
⑤ PHI MODEL 407 300H T/R Assy DUE.					⑤ 07/05/2017 ACT 5744:35 I CERTIFY THAT ACFT WAS/IS/HAS BEEN INSPECTED AND/OR WORK PERFORMED IN ACCORDANCE WITH PHI MODEL 407 AAIT 300H T/R Assy Insp. All CCT ITEMS HAVE BEEN SIGNED AND THE ACFT WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. PERFORMED BALANCE OF TAIL ROTOR Assy. BALANCE FOUND WITHIN LIMITS.				
⑥ PHI 407 300H tailboom torque check due - AP 37414995					⑥ 7/5/17, ACT: 5744:35 Complied with 300H tailboom torque check. TAU BHT 407 MM - Chap 53 para. 53-37 Rev 45, Jan 9 2017 NO Movement Noted - AP 37414995				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION		AIRCRAFT MODEL		N- 451PH		DATE:		MO. 07 DAY 5 YR. 17	
HMA		BHT 407							

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SUPPLEMENTARY LOG SHEET B

ENGINEERING REPORT

P. O. BOX 90808 - LAFAYETTE, LA 70509

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5744:35	D Long 183		henes	3:12	1	5		8
HOURS FLOWN TODAY	3:12								
TOTAL	5747:47								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts	High Lifts			
Altitude	5747			29					
EGT/TOT/ITT	663			Air Speed	Daily Total RIN 8				
NI/NG	97			121	(Computed From Applicable Model Formulas)				
Torque	80			Decel Time	Engine/s Rinsed & Dried				
ADC Reading					Signature [Signature]				
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
1) ACFT limited to 21:16hrs Flight due to squash plate Friction check due at ACFT: 5745:35 [Signature] AP 3280018					1) 7/6/17 ACFT T 5747:47 Carried forward to Evaluation Report dated 7/7/17. Made [Signature] AP 2769657				
2) ACFT IS LIMITED TO 5 HRS FLIGHT TIME DUE TO TIR MAST NUT TO CK DUE NO LATER THAN ALEF T.T. 5749:35 They Curacao AP 3766426					2) 7-6-17 5746:54 Complied with TIR mast Nut TIR check REF: BHT-407-mm-7 CH 64-11 REV 45 Jan 94/17. NO movement noted [Signature] AP 3280018				
3) CCI Required for work performed in item #2 [Signature] AP 3280018					3) 7-6-17, T.T. 5746:54. CCI CCI for TIR mast Nut To check No defects noted [Signature] AP 3367247				
4) [Signature] 26-12-17 ACFT T.T. 5747:47 [Signature] CH 2825740									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL 407		N-4510H		DATE: MO. 7		DAY 6 YR. 17	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5755:16	JD Long 1783		40415	4:10	1	6		✓
HOURS FLOWN TODAY	4:10								
TOTAL	5759:26								
ENGINE POWER CHECK									
#1		#2		OAT 27	Low Lifts		High Lifts		
Altitude	500			Air Speed 130	Daily Total RIN 11		(Computed From Applicable Model Formulas)		
EGT/TOT/ITT	667			Decel Time					
NI/NG	973				Engine/s Rinsed & Dried				
Torque	80				Signature <i>JD Long</i> 1730				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
① Act 10:35 HR. 17:10 due to swasplate friction check of 5765.5) <i>JD Long</i> 1740					① 7-9-17. ACT 5759:26. Performed a swasplate friction check. TAW BHT-407-MM-8 para. 67-165 #1-9 and #10 (10) - 17 Rev. 45 Jan 09 2017. No movement noted. Friction Friction within limits. No defects noted. <i>JD Long</i> ATP3607006				
② On first start 9th of day engine start 9th were normal. <i>JD Long</i> 1740					② 7-9-17. ACT 5759:26. Removed igniter p/n CH34187A and replaced with new igniter same p/n TAW BHT-407-MM-8 para 74-00-00, para 74-20-01 Rev. 19 Sept. 1 2016. Ground run + function check good. <i>JD Long</i> ATP3607006				
③ Tail skid base. <i>JD Long</i> ATP3607006					③ 7-9-17. ACT 5759:26. Removed tail skid and reapplying seal. Reinstalled tail skid TAW BHT-407-MM-8 para 32-59 + 3A-62. Rev. 45 Jan 09 2017. <i>JD Long</i> ATP3607006				
④ A 407-150H-441B ENGINE inspection due. <i>JD Long</i> ATP3607006					④ 7-9-17. & Cat. by that N457PH, TOTAL TIME 5759:26 has been inspected and a work performed in accordance with a PHI model 407 ATP 150H 250-441B ENG inspection. All CI items have been signed and the aircraft was determined to be in an airworthy condition. Ground run complete, check check complete no defects noted. <i>JD Long</i> ATP3607006				
⑤ Cob-72-6085 Outer Combustion Case inspection is due. <i>JD Long</i> ATP3607006					⑤ 7-9-17. Complied with visual inspection + leak check of outer combustion case welds DAW Cob-72-6085-3303 REV 3-2 Feb-201. No defects noted. P/N M250-104045/N YL 12367. NEXT inspection due 5784:26. <i>JD Long</i> ATP3607006				
⑥ CCI required for item #1 swasplate friction check. <i>JD Long</i> ATP3607006 and item #2 igniter replacement. <i>JD Long</i> ATP3607006					⑥ 7-9-17. Act 5759:26 Complied with CCI on Swasplate Friction Check. All works found satisfactory. No Defects noted. <i>JD Long</i> ATP3607006				
⑦ CCI required for item #1 swasplate friction check. <i>JD Long</i> ATP3607006 and item #2 igniter replacement. <i>JD Long</i> ATP3607006					⑦ 7-9-17. Act 5759:26 Complied with CCI on Swasplate Friction Check. All works found satisfactory. No Defects noted. <i>JD Long</i> ATP3607006				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION	5759	AIRCRAFT MODEL	3140	N-45140	DATE:	MO.	DAY	9	YR. 17

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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TOTAL HRS. TO DATE	5759:26	J.D. Long 1783		4085.5	5:28	1	4		7
HOURS FLOWN TODAY	3:28								
TOTAL	5762:54								
5762 ENGINE POWER CHECK									
#1		#2		OAT 30	Low Lifts		High Lifts		
Altitude 500				Air Speed 120	Daily Total RIN 7				
EGT/TOT/ITT 663				Decel Time	(Computed From Applicable Model Formulas)				
NI/NG 771					Engine/s Rinsed & Dried				
Torque 80					Signature [Signature] 1830				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
<p>2) PHT Model 407 A/RIP 300H Fuel Filter & 300H/12m Hydraulic Inspections due. [Signature] A/P 3718414</p> <p>3) 7/10/17 certify that aircraft N451PH, total time 5762:54 has been inspected and/or work performed in accordance with a PHI Model 407 A/RIP 300H Fuel Filter & 300H/12m Hydraulic Inspections. All CCI items have been signed and the aircraft was determined to be in an airworthy condition. Ground run and leak check good. [Signature] A/P 3718414</p> <p>3) 7/10/17 A/C IT. 5762:54 Removed hydraulic pump S/N K1109, P/N 206-076-030-117 & installed serviceable hydraulic pump S/N K0070, P/N - same IAW BHT-407-mm-4, Para. 29-22 & 29-28 REV. 45 dated 9-JAN-2017. Function check & leak check good. [Signature] A/P 3156357</p> <p>4) 7/10/17 A/C IT. 5762:54 Removed transmission oil temp. switch P/N 214-040-805-001 and installed serviceable transmission oil temp. switch P/N - same IAW BHT-407-mm-10, Para. 96-259 & 96-261 REV. 45 dated 9-JAN-2017. Ground run/Function/leak check good. [Signature] A/P 3156357</p> <p>5) 7-10-17, IT 5762:54 performed CCI ON INSTALLATION of Hydraulic pump, transmission and transmission oil temp. switch. NO defects noted. [Signature] A/P 3280661</p>									
<p>DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.</p> <p>SIGNATURE [Signature] CERTIFICATE NO. [Signature] A/P 3156357</p>									
STATION HMA	AIRCRAFT MODEL Bell 407	N- 451 PH		DATE: MO. 7	DAY 10	YR. 17			

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ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5762:54	D. Long 1783		PHI	0:12	1	2		1
HOURS FLOWN TODAY	0:12			hmc33					
TOTAL	5763:06								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		570		29	Daily Total RIN _____				
EGT/TOT/ITT		670		Air Speed	(Computed From Applicable Model Formulas)				
NI/NG		77.1		Decel					
Torque		80		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature _____					
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
Ops check flight requested for hydraulic pump installation AP3186357					Operations/Flight check performed 7-11-17, ACFT TT 5743:04 and returned to service CHT 2825740				
Dittoed leak & fluid disclosed during ops check post-flight CHT 2825740					2) 7-11-17 TT: 5763:06. Removed Hyd Pump PH: 206-076- 030-117 SN: K0070. Replaced with Serviceable Pump Sang No. SN: K0872. Performed Ground Run. No Defects Noted. No Leaks Noted. Ref: BHT-407-MM-4 Para: 29-27, 29-28. Rev: 45 & d: 9 Jan 17. John R. Payne AP3373203				
3) 300H/12M Trans Oil Change Dup. North & Bay AP3373203					3) 7-11-17 I Certify That Aircraft N 451 PH TT: 5763:06 Has Been Inspected And/or Work Performed In Accordance With A PHI Model 407 AAIP 300H/12M Transmission Oil Inspection. All CCT Items Have Been Signed And The Aircraft Was Determined To Be In An Airworthy Condition. John R. Payne AP425310022				
4) CCT Required For Work Performed In Item (2) Hyd Pump Replace. North & Bay AP3373203					4) 7-11-17, TT 5763:06 - C/W CCT OF HYDRAULIC PUMP REPLACEMENT AND FOUND SATISFACTORY. John R. Payne AP425310022				
5) the 300H/12M Trans oil change required a ground run and leak check. no leaks noted. no defects noted. John R. Payne AP425310022					5) 7-11-17, TT 5763:06 performed ground run and leak check. no leaks noted. no defects noted. John R. Payne AP425310022				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION		AIRCRAFT MODEL		DATE:		MO.		YR.	
HMA		Bell 407		N- 451 PH		7		11 17	

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P. O. BOX 90808 - LAFAYETTE, LA 70509

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5778:03	Lipford 5375	Gen 31	5:31	1	4		12
HOURS FLOWN TODAY	5:31							
TOTAL	5778:03							

ENGINE POWER CHECK			
#1	#2	OAT	Low Lifts _____ High Lifts _____
Altitude 500	/	OAT 30	Daily Total RIN _____
EGT/TOT/ITT 674		Air Speed _____	(Computed From Applicable Model Formulas)
NI/NG 97.3		Decel _____	
Torque 80.3		Time _____	Engine's Rinsed & Dried <u>PA</u>
ADC Reading			Signature 1800

ITEMS REQUIRING DAILY COMPLIANCE	
DISCREPANCIES OR OTHER COMMENTS	
1) No Defects Noted. A/C	
1. 5778:03 - 14 JUL 17	
1. 5375 C3327555	
2) 50H A/F Insp due	
OAT 3681057	
3) PRE-170508-407 TTB Blade	
Rec is due. OAT 3681057	
4) CES-72-6085-3303 25HR	
Rec is due. OAT 3681057	

MAINTENANCE PERFORMED	
2) 7/14/17 I Certify that aircraft N451PH total time 5778:03 has been inspected and/or work performed in accordance with a PHF model 407 AATP 50H/3M A/F Insp PH Cert items have been signed and the aircraft was determined to be in an airworthy condition. OAT 3681057	
3) 7/14/17 ACTT: 5778:03 Complied with recurring inspection of TTB blade for block for voids or indications of delamination using Steel tap hammer. No defects noted. OAT 3681057 next due at ACTT: 5828:03	
4) 7/14/17 ACTT: 5778:03 Complied with recurring visual inspection & leak check of OCE (SN 18367) welds JAW CES-72-6085-3302 Rec 3 Feb 2017 No defects noted next due at ACTT: 5803:03	

DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.	
SIGNATURE <u>Cliff Zwick</u>	CERTIFICATE NO. <u>442226657</u>

STATION	AIRCRAFT MODEL	N-	DATE: MO. 7 DAY 14 YR. 17
HMA	BELL 407	N- 451PH	

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS			
TOTAL HRS. TO DATE	5789:46	JD Long 1783		Genesis	251	1	2		7			
HOURS FLOWN TODAY	2:51											
TOTAL	5790:37											
ENGINE POWER CHECK												
#1		#2		OAT	Low Lifts	High Lifts						
Altitude	500			30								
EGT/TOT/ITT	660			Air Speed	Daily Total RIN 7							
NI/NG	97.3			125	(Computed From Applicable Model Formulas)							
Torque	80			Decel Time	Engine/s Rinsed & Dried							
ADC Reading					Signature [Signature] 1730							
ITEMS REQUIRING DAILY COMPLIANCE												
DISCREPANCIES OR OTHER COMMENTS												
MAINTENANCE PERFORMED												
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.												
STATION	HEM A	AIRCRAFT MODEL	407	N-	451PH	DATE:	MO.	7	DAY	20	YR	12

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5794:37	JD Long	1783	Genesis	3:29	1	4		10
HOURS FLOWN TODAY	3:29								
TOTAL	5794:06								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts <u>10</u> High Lifts <u>10</u>				
Altitude		500		30	Daily Total RIN <u>10</u>				
EGT/TOT/ITT		650		Air Speed	(Computed From Applicable Model Formulas)				
NI/NG		223		Decel					
Torque		85		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE					Signature <u>[Signature]</u> <u>180</u>				
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
<p>① Door Frame rubber gaskets on L/F and L/Rear lower frame needs regrease. <u>JD</u> <u>AP3439885</u></p>					<p>① 7-21-17 TT 5794:07 Clean & replace rubber gasket + regrease as needed L/F + L/Rear lower frame & regrease. <u>Wallace McDaniel</u> <u>ATP 3383863</u></p>				
<p>② Acft Total time and status report require update. <u>JD</u> <u>AP3439885</u></p>					<p>② 7-21-17 TT 5794:07 AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 7-21-17. AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE) TT 5794:07 PER STATUS REPORT UP DATE THROUGH 7-21-17 MECHANIC & A&P# <u>JD</u> <u>AP3439885</u></p>				
<p>③ Event 2 A/F Inspection due. <u>JD</u> <u>AP3439885</u></p>					<p>③ 07-21-17 I certify that aircraft N451PH total time: 5794:07 has been inspected and/or work performed in accordance with a PHI Model 407 A&P Event 2 A/F Inspection. All CFI items have been signed and the aircraft was determined to be in an airworthy condition. Leak checked good. <u>JD</u> <u>AP3439885</u></p>				
<p>④ 150H T/R d/s inspection due. <u>JD</u> <u>AP3439885</u></p>					<p>④ 7-21-17 I certify that ACFT N451PH TT 5794:07 has been inspected and/or work performed in accordance with a PHI Model 407 A&P 150H T/R d/s inspection. All CFI items have been signed, and the ACFT was determined to be in an airworthy condition. <u>JD</u> <u>AP3439885</u></p>				
<p>⑤ Comply with CEB-A-72-6085 25HR. <u>JD</u> <u>AP3439885</u></p>					<p>⑤ 07-21-17 TT: 5794:07 Complied with CEB A-72-6085 Part 2.B dated Feb 2 2017 Revision 3 25HR. Recurring visual inspection and leak check of outer Combustion Case using leak tee solution. No cracks or discrepancies noted. Next due 5894:07 outer combustion case Assembly A/N: M250-10404 S/N# YL12367. <u>JD</u> <u>AP3439885</u></p>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.					SIGNATURE <u>[Signature]</u> CERTIFICATE NO. <u>CHP2805740</u>				
STATION	553320	AIRCRAFT MODEL	PH-407	N-451PH	DATE:	MO. 07	DAY 21	YR. 17	

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5794:00	J Long 1783		Genesis	1:35	1	2		5
HOURS FLOWN TODAY	1:35								
TOTAL	5795:42								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts		High Lifts		
Altitude 500				30					
EGT/TOT/ITT 665				Air Speed 123	Daily Total RIN 5				
NI/NG 93				Decel	(Computed From Applicable Model Formulas)				
Torque 80				Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature [Signature] 1783					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
① K&T limited to 25 H & 4 for 7 R & S 1, 2, 3, 4 comply to check dex by IT 5819-07 AP 3156357				① Carried over to engineering report dated 2-23-17, 7-22-17 JG [Signature] 2825 140					
② Maintenance 7-22-17 Acc 715 5785:42 JG 2825 140									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE [Signature] CERTIFICATE NO. AP3156357					
STATION HMA		AIRCRAFT MODEL B011407		N-451 PH		DATE: MO. 7 DAY 22 YR. 17			

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PHI, INC.

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5795:42	S Long 1783		GENESIS	3:11	1	5		9
HOURS FLOWN TODAY	3:11								
TOTAL	5798:53								
ENGINE POWER CHECK									
#1		#2		OAT 30	Low Lifts _____ High Lifts _____				
Altitude	50			Air Speed 123	Daily Total RIN 9				
EGT/TOT/ITT	609			Decel _____	(Computed From Applicable Model Formulas)				
NI/NG	723			Time _____					
Torque	80			Engine/s Rinsed & Dried					
ADC Reading				Signature <i>[Signature]</i>					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
① 7/23/17 ACT.T. 5798:53 This item carried forward to logsheet dated 7/23/17. <i>[Signature]</i> A#3666827									
② 7-23-17 T.T. 5798:53 Removed upper half of T/R C/B cowling unsecured safety wire to outboard dist boot remove excess green installed in reverse ground run look good. no EGT 407. 53-89, 53-87. <i>[Signature]</i> A#3156357									
③ 7-23-17 T.T. 5798:53 completed CCI for T/R G/B boot install work was performed satisfactory. no defects noted. <i>[Signature]</i> A#3156357									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION	6532 B	AIRCRAFT MODEL	BH-407	N-45111	DATE	MO. 07	DAY 23	YR. 07	

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5798:53	JD Long 1783		HERNES	5:31	1	4		8
HOURS FLOWN TODAY	5:31								
TOTAL	5804:24								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts		High Lifts		
Altitude	500			30	Daily Total RIN		8		
EGT/TOT/ITT	672			Air Speed	(Computed From Applicable Model Formulas)				
NI/NG	973			Decel					
Torque	80			Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature					
				1530					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
1) Aircraft is limited to 20:14 hrs. flight time due to #1,2,3+4 TIR DIS Disc due at acft. T.T. pack for check Mech. 9:58:10:07 A&P # 3866827				7-24-17 IT 5804:24 carried forward to 7-25-17 ENGINEERING report. See Sally AEP3280661					
2) 7-24-17. ACFT 5804:24									
3) PMS-170623-407 Apical Cables. Ref PMS-170623-407-APICAL CABLES. See Sally AEP3280661.				3) 7-24-17. ACFT 5804:24. Complied with check of the Apical Flant/Life raft inflation cables for correct routing as per Part TCA PH-1 Rev. AE A-19-14 and applied colored tape to the cables as indicated in the pictures. See Sally AEP3280661.					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE Cameron McCarthy					
				CERTIFICATE NO. AEP3280661					
STATION	LMA	AIRCRAFT MODEL	Bell 407	N-45184	DATE:	MO. 7	DAY 24	YR. 17	

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5804:24	J Long	1783	Genesys	4:30	1	4		12
HOURS FLOWN TODAY	4:30								
TOTAL	5808:54								
ENGINE POWER CHECK									
#1		#2		OAT 30	Low Lifts _____ High Lifts _____				
Altitude 500				Air Speed 129	Daily Total RIN 12				
EGT/TOT/ITT 669				Decel	(Computed From Applicable Model Formulas)				
NI/NG 52				Time	Engine/s Rinsed & Dried				
Torque 82					Signature <i>[Signature]</i>				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
<p>① Aircraft is limited to 14:45 hours due to 1, 2, 3, 4 T/R D/S DISC PACK RCH. Mett. <i>[Signature]</i> A&P # <i>[Signature]</i> 3280661</p>									
MAINTENANCE PERFORMED									
<p>① 7-25-17 T.T. 5808:54 Complied with torque check on T/R D/S coupling 1/2, 3, 4, no more work noted ref BHT-407-M 4-26-66 Rev 4-2-75 next due by T.T. 5858:54 ref date 4-5-9-JMW/17 <i>[Signature]</i> AP3156357</p>									
<p>② 7-25-17 A&P T.T. 5808:54 <i>[Signature]</i> CHA 2825740</p>									
<p>③ CEB A-726095 OCC inspection due <i>[Signature]</i> AP3156357</p>									
<p>③ 7-25-17 T.T. 5808:54 Complied with CEB on OCC ser #VL12367 for leaks and defects none noted ref CEB-726083-3303 rev 3 2Feb/7 next due by T.T. 5858:54 <i>[Signature]</i> AP3156357</p>									
<p>④ 1004 H/R Vibe inspection due <i>[Signature]</i> AP3156357</p>									
<p>④ 7-25-17 T.T. 5808:54 Complied with 1004 H/R Vibe inspection as required no defects noted ref BHT-407-M 4-26-66 Rev 4-2-75 next due by <i>[Signature]</i> AP425310022</p>									
<p>⑤ PRS-170509 T/R blade powering 50% inspection due <i>[Signature]</i> AP3156357</p>									
<p>⑤ 7-25-17 T.T. 5808:54 Complied with PRS for T/R blade tip locks for voids or disbonding no defects noted ref PRS-170508407 T/R blade next due by T.T. 5858:54 <i>[Signature]</i> AP3383863</p>									
<p>⑥ 504/3m A/F and 1004/12m North FDS due <i>[Signature]</i> AP3156357</p>									
<p>⑥ 7-25-17 T.T. 5808:54 I certify that ACFT N451PH, T.T. 5808:54 has been inspected and for work performed in accordance with a PH model 407 A&P 504/3m A/F inspection and a 1004/12m North FDS inspection and the aircraft was determined to be in airworthy condition <i>[Signature]</i> AP3156357</p>									
<p>⑦ Radar Alt. mount inspection due <i>[Signature]</i> AP3156357</p>									
<p>⑦ 7-25-17 T.T. 5808:54 Complied with visual inspection of Radar Alt. mount bracket & hardware on tailboom ref 54127 ref CA-AA-TBA-601 rev 1/6/12 next due by T.T. 5908:54 <i>[Signature]</i> AP3156357</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL Bell 407		N-451PH		DATE: MO. 7		DAY 25 YR. 17	
						SIGNATURE <i>[Signature]</i>		CERTIFICATE NO. AP3058741	

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5812:47								
HOURS FLOWN TODAY	NFM								
TOTAL	5812:47								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude				Air Speed	Daily Total RIN _____				
EGT/TOT/ITT				Decel	(Computed From Applicable Model Formulas)				
NI/NG				Time	Engine/s Rinsed & Dried _____				
Torque					Signature _____				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
① ACFT AOG For N ₂ SCABOR (No replacement from Fiches deged. APUFIT Sub FOR 3563 SX					① 7-27-17 Left TT. 5812:47 removed unserviceable N ₂ pickup P/N 23054164, S/N ENC943, and installed a serviceable N ₂ pickup same P/N S/N END734. Left was ground run, leak and function checked OK. No faults detected. OK Fiches degeda light. Ref. Rolls Royce M250-C47B Operation and Maintenance Manual, Chapter 72-60-00 Para 2.B item #13, & Para G item #15 Rev. 19 01 September 2016. Kenneth Wode A# 3422589.				
② AOG sock #2 installed on cyclic Sub AP3158357					② REMOVED AOG SOCK #2. 7-27-17 TT. 5812:47 Sub AP3158357				
③ CCI REQUIRED ON WORK DONE IN ITEM #1 FOR INSTALLATION OF N ₂ PICKUP Sub AP3158357					③ 7-27-17 TT. 5812:47 COMPLIED WITH A CCI ON ITEM #1, INSTALLATION OF N ₂ PICKUP & FOUND OK Sub AP3158357				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION		AIRCRAFT MODEL		DATE:		MO.		YR.	
HMA		Bell 401		N- 451 PH		7		27 17	

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AIRCRAFT

N 451 PH

PHI MODEL 407

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Last Revised Date:

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5818:55	JD Long	1783	henesis	4:40	1	5		17
HOURS FLOWN TODAY	4:40								
TOTAL	5823:35								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		Air Speed	Daily Total RIN 14				
EGT/TOT/ITT		670		Decel	(Computed From Applicable Model Formulas)				
NI/NG		974		Time					
Torque		80		Engine/s Rinsed & Dried					
ADC Reading				Signature DMD WS					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
① Aircraft experiencing louder than normal sounds during engine acceleration to 100% RPM. Light req. mos from take off thru 100% and increased apparent medium or high frequency vibrations. 8-4-17					① 8-4-17. ACT 5823:35. during troubleshooting removed transmission and plays no defects noted as per BHTM M407. 63-192 and 63-193 and 63-194 and 63-195 and 63-197. I inspected Engine oil chip Detectors 1E7 and 1E8 as per 46-230 BHT-401mm. No defects noted on Eng chip detectors. moved on to troubleshooting to Transmission Hydraulic oil pump. notice a source coming from Hydraulic oil pump coming down it as I was turning the M/R Blades by hand. pull part off Transmission no sound. Pump is left of the transmission to be replaced by a serviceable pump. I inspected Eng do Transmission Drive shaft (flex) as per BHTM 63-65 and 63-63 and 63-67. No defects noted. Per 45-9 JANUARY 2017. James D. Anderson 4194.				
② Act requires a PHI Model 407 AARP 300H 250-C47B Engine Inspection at this time. Eng. P/N: 23063392 / S/N: CAE-848102. A/P 3702277.					② 4 Aug. 2017. I certify that aircraft N451PH, total time 5823:35, has been inspected and for work performed in accordance with a PHI Model 407 AARP 300H 250-C47B Engine Inspection. All CCI items have been signed, and the aircraft was determined to be in an airworthy condition. A/P 3702277.				
③ Act requires Ground Run / Leak check of #1 bearing strut and pump can for maintenance performed during 300 it Eng. Insp. A/P 3702277.					③ 4 Aug. 2017. Act 5823:35. Entry carried fwd to next days Engineering Report dated 5 Aug. 2017. A/P 3702277.				
④ A06 sock # installed on act cyclic. A/P 3702277.					④ 4 Aug. 2017. Act 5823:35. Entry carried fwd to next days Engineering Report dated 5 Aug. 2017. A/P 3702277.				
⑤ Apical float safety pins installed. A/P 3702277.					⑤ 4 Aug. 2017. Act 5823:35. Entry carried fwd to next days Engineering Report dated 5 Aug. 2017. A/P 3702277.				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION JMA		AIRCRAFT MODEL Bell 407		N- 451 PH		DATE: MO. 8		DAY 4 YR. 17	

P. O. BOX 90808 — LAFAYETTE, LA. 70509

SUPPLEMENTARY LOG SHEET B[illegible]

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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ENGINEERING REPORT

P. O. BOX 90808 — LAFAYETTE, LA. 70509

SUPPLEMENTARY LOG SHEET B[illegible]

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5823:35	HAGWOOD 0958	PHI	:10	1	1		1
HOURS FLOWN TODAY	0:10							
TOTAL	5823:45							
ENGINE POWER CHECK								
#1	#2	OAT	Low Lifts _____ High Lifts _____					
Altitude		Air Speed	Daily Total RIN _____					
EGT/TOT/ITT		Decel Time	(Computed From Applicable Model Formulas)					
NI/NG			Engine/s Rinsed & Dried					
Torque			Signature _____					
ADC Reading								
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS			MAINTENANCE PERFORMED					
① A/C Requires OPS check flight for replacing hydraulic oil pump. Notes ② MP3054199.			① OPS CHECK COMPLETED AND A/C RETURNED TO SERVICE AT 5823:45 8/6/17 FA ATP 3675537					
② ACFT requires 10min ops check flight and return to base for maintenance performed during 3004 Frg Insp. Notes ② MP3054199.			② OPS CHECK FLIGHT COMPLETED AND A/C RETURNED TO SERVICE AT 5823:45 8/6/17 FA ATP 3675537					
③ ACFT 10 min ops check flight. ACFT requires leak check of #6 & 7 bearing struts & sump can for paint performed during 3004 Frg inspection. Notes ② MP3054199.			③ 8-6-17 AC FT 5823:45. Complied with leak check of #6 & 7 bearing & sump can. NO LEAKS noted. MP3054199 ATP 265850601					
④ NO DEFECTS NOTED AT 5823:45 8/6/17 FA ATP 3675537								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION	AIRCRAFT MODEL	N-451PH		DATE:	MO.	DAY	YR.	
HMA	1301 407				8	6	17	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5848:05	Long 1783		Genesis	4:45	1	5		9
HOURS FLOWN TODAY	4:45								
TOTAL	5852:50								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		31	Daily Total RIN 9				
EGT/TOT/ITT		660		Air Speed	(Computed From Applicable Model Formulas)				
NI/NG		973		Decel					
Torque		50		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>OOD crewman</i>					
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
① No discrepancies noted. T.T. 5852:50									
② LH Cabin door stiffener broken					② 8-17-17 T.T. 5852:50 Installed Removed broken stiffener and installed a serviceable LH door stiffener using acceptable techniques and practices found in AC43-13. For details see Supplement Book, EIT 920-524407 ch 52-15. Rev 4075-201720 8/17/17 <i>AP315635</i>				
③ CCI requested for LH cabin door stiffeners					③ 8-17-17. APT 5852:50. Complied with CCI requested for item #2 LH door stiffener repair. Work found acceptable. No defects noted. <i>AP315635</i>				
④ Acft Total time and status report require update					④ AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 8/17/17 AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE) T.T. 5852:50 PER STATUS REPORT UP DATE THROUGH 8/17/17 MECHANIC & ASP# <i>Wade J. AP 2762657</i>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION <i>HMA</i>		AIRCRAFT MODEL <i>407</i>		N-451PH		DATE: MO. <i>8</i> DAY <i>17</i> YR. <i>17</i>			

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PHI, INC.

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS				
TOTAL HRS. TO DATE	5852:50	JD Long 1783		Genesis	3:44	1	4		12				
HOURS FLOWN TODAY	3:44												
TOTAL	5856:34												
ENGINE POWER CHECK													
#1		#2		OAT	Low Lifts _____ High Lifts _____								
Altitude		500		30	Daily Total RIN 12								
EGT/TOT/ITT		672		Air Speed	(Computed From Applicable Model Formulas)								
NI/NG		973		Decel									
Torque		80		Time									
ADC Reading				Engine/s Rinsed & Dried									
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>DDT-Croney</i>									
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED									
<i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i> <i>DDT-Croney</i>													
				DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE <i>DDT-Croney</i>					
								CERTIFICATE NO. <i>AP 3156357</i>					
STATION <i>HMA</i>	AIRCRAFT MODEL <i>407</i>	<i>N-451PH</i>		DATE:	MO. <i>8</i>	DAY <i>18</i>	YR. <i>17</i>						

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5856:34	JDL Long	1723	General	6:25	1	5		15
HOURS FLOWN TODAY	6:25								
TOTAL	5862:59								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts		High Lifts		
Altitude	500			31					
EGT/TOT/ITT	673			Air Speed	125		Daily Total RIN 15		
NI/NG	974			Decel			(Computed From Applicable Model Formulas)		
Torque	80			Time					
ADC Reading							Engine/s Rinsed & Dried		
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>DJP - 10/17/17</i> 1600					
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
<p>① A/C T 1:10 to 9:10 43 min. FLYT, in 18/19/17 A/C T 5862:59 Complied with recertifying visual inspection and leak check of the outer combustion case welds. TAW CEB-72-6085,3303 P/N: N350-10404 S/N: YL 12367 No Defects Noted. Next Due at TT 5887:59 Rev. C March 3, 2017. <i>Conan McLaughlin</i> APP3672784</p>									
<p>② JFM Radio no longer receives. Checked service from 8:00 AM to 1:00 PM well. Squelch 50400 Wrons - no sound as state. <i>Joe</i> 10/17/17</p>					<p>② 8-19-17 TT 5862:59 For defects, see R5-016174-2017. CRS Hepn bite. <i>Joe</i> AC 2312061.</p>				
<p>③ 6M Emergency Equipment Inspection Due at this time. <i>Conan McLaughlin</i> APP3672784</p>					<p>③ 8/19/17 I certify that aircraft N451PH total time 5862:59, has been inspected and/or work performed in accordance with a PHT Model 407 ARIP 6M Emergency Equipment Inspection and the aircraft was determined to be in an airworthy condition. No Defects Noted. <i>Conan McLaughlin</i> APP3672784</p>				
<p>④ CG F Required. <i>Joe</i> 10/17/17</p>					<p>④ 8-19-17 A/C T 5862:39 Complied with ac 1 on item #2 no defects noted on installation. <i>Joe</i> APP3054199.</p>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION	5532A	AIRCRAFT MODEL	BH-407	N-451PH	DATE:	MO. 08	DAY 19	YR. 17	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5862:59	JDLors 1783		Gene 3:5	2:26	1	4		1
HOURS FLOWN TODAY	2:26								
TOTAL	5865:25								
ENGINE POWER CHECK									
#1		#2		OAT 31		Low Lifts		High Lifts	
Altitude 500				Air Speed 126		Daily Total RIN 4			
EGT/TOT/ITT 669				Decel Time		(Computed From Applicable Model Formulas)			
NI/NG 973						Engine/s Rinsed & Dried			
Torque 50						Signature go 180			
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
① TFM-550RADIO cannot receive on primary Dm can RMT. other 2 Baud, cannot XMIT, it can receive. HJ 2805 240					① 8-20-17 TIT 5865:25 For details see A3-016175-2017. Cms Hoag 617R Dwight Cook RC2312061				
② monthly ELT check due. HJ 2805 240					② Complied with Monthly ELT Functional Check IAW GMM-2, Ch. 2, 2-10 & Ch. 10 Section 3. No Defects Noted. Reg m2-17-02 20 May 2017 A/C IT 5865:25 8-20-17 HJ 2805 240				
③ CFI Required for if CFI #1 WORK. Dwight Cook RC2312061					③ 8-20-17 TIT 5865:25 Complied with CFI on TFM radio no defects noted. HJ 2805 240				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMMH		AIRCRAFT MODEL 407		N-451PH		SIGNATURE [Signature]		CERTIFICATE NO. A93156357	
DATE: MO. 8		DAY 20		YR. 17					

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5872:05	J Long 1783		GCHS	6:28	1	6		15
HOURS FLOWN TODAY	6:28								
TOTAL	5878:33								
ENGINE POWER CHECK									
#1		#2		OAT 31	Low Lifts _____ High Lifts _____				
Altitude 500				Air Speed 125	Daily Total RIN 15				
EGT/TOT/ITT 672				Decel Time	(Computed From Applicable Model Formulas)				
NI/NG 974					Engine/s Rinsed & Dried				
Torque 60					Signature OOT!				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
① No discrepancies noted. ACTT 5878:33									
② CEB-72-6085, 3303 25HR Due. TRW/ A103607006					② 8-22-17. ACTT 5878:33. Performed a recurring visual inspection and leak CK of Outer Combustion Case welds S/N Y612367 p/n 630-647 RB M250-10404 IAW CEB-72-6085+3303. Rev 3. Feb 2 2017. No leaks or defects noted. Next action due at ACTT 5903:33. TRW/ A103607006				
③ 50HR/3M A/F Due. TRW/ A103607006					③ 8-22-17. I certify that aircraft N451PH total time 5878:33. has been inspected and the work performed in accordance with the PHI Model 407 A/P 50H/3M A/F Inspection. All CCI items have been signed and the aircraft was determined to be in an airworthy condition. TRW/ A103607006				
④ PRT-170508-407 TR Blade Revis. Due. TRW/ A103607006					④ 8-22-17. ACTT 5878:33. Performed a visual inspection of T/R Blade tip block for voids or indications of disbond using steel tap hammer IAW PRT-170508-407 T/R Blade Revising. No defects noted. TRW/ A103607006				
⑤ Upper landing light Imp. TRW/ A103607006					⑤ 8-22-17. ACTT 5878:33. Removed upper landing light and replaced with new bulb IAW BHT-407-MM-10 para 96-364 + 96-365 Rev. 45 Jan 09 2017. Function CK good. TRW/ A103607006				
⑥ CCI required for item #5 upper landing light replacement. TRW/ A103607006					⑥ 8-22-17 ACTT 5878:33 Complied with CCI for upper landing light replacement. All work found satisfactory. No Defects Noted. Cameron Moloney A1036072784				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL 407		N-451PH		SIGNATURE [Signature]		CERTIFICATE NO. AP3156357	
DATE: MO. 8		DAY 22		YR. 17					

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5886:28	JD Long 1783		444055	724	1	4		10
HOURS FLOWN TODAY	7:24								
TOTAL	5893:52								
ENGINE POWER CHECK									
#1		#2		OAT 30	Low Lifts _____ High Lifts _____				
Altitude		530		Air Speed 125	Daily Total RIN 10				
EGT/TOT/ITT		167		Decel Time	(Computed From Applicable Model Formulas)				
NI/NG		974			Engine/s Rinsed & Dried				
Torque		180			Signature go 180				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
1) 8-24-17 ACFT 5893:52									
go 2825740									
2) Thrust grip that is difficult to close seems to be dragging when going from Full to Idle									
go 2825740									
3) Comply with 150HA ENG									
INSP. by [Signature] AXP3643146									
3) I CERTIFY THAT AIRCRAFT N 451PH, TOTAL TIME 5893:52, HAS BEEN INSPECTED AND/OR WORK PERFORMED IN ACCORDANCE WITH GPHI MODEL 407 A110 150H 250-C 47B ENG INSPECTION. ALL CCI ITEMS HAVE BEEN SIGNED, AND THE AIRCRAFT WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. 8-24-17									
[Signature] AXP3643146									
4) 100H 112M NORTH FOS									
INSP DUE Clint Ryjako AXP2826697									
4) I certify that aircraft N 451PH Total Time 5893:52 has been inspected & work performed in accordance with GPHI model 407 A110 100H 112M North FOS inspection, & the aircraft was determined to be in an airworthy condition. 8-24-17									
Clint Ryjako AXP2826697									
5) CEB-72-6085 + 3303 25H									
Due Clint Ryjako AXP2826697									
5) 8-24-15 T7 5893:52 performed recurring visual inspection & leak check of outer Combustion Case welds per YL 12367 P1A 1250-10404 [A/C] CEB-72-6085 + 3303									
Rev 3 per 2 201 no leak noted next due 5918:32 Clint Ryjako AXP2826697									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
SIGNATURE [Signature]									
CERTIFICATE NO. AXP3459885									
STATION HMA	AIRCRAFT MODEL 407	N- 451PH		DATE: MO. 08	DAY 24	YR 17			

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5893:52	D. McDonald 8537	Genesis	NFW		0		0
HOURS FLOWN TODAY	NFW							
TOTAL	5893:52							
ENGINE POWER CHECK								
#1		#2	OAT		Low Lifts High Lifts			
Altitude			Air Speed		Daily Total RIN			
EGT/TOT/ITT			Decel		(Computed From Applicable Model Formulas)			
NI/NG			Time		Engine/s Rinsed & Dried			
Torque					Signature Plugged 1600			
ADC Reading								
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS			MAINTENANCE PERFORMED					
1) NO Defects noted 8-25-17 A/T: 5893:52 D. McDonald CP3294361								
2) Aircraft requires an up-dated log 208-25-2017 Aircraft total time 5893:52 validated and List. (copy for A/P439255237) Installed an up-dated, duplicates required, and Aircraft total time is correct. (copy for A/P439255237)								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.			SIGNATURE [Signature] CERTIFICATE NO. A/P439255237					
STATION	HMA	AIRCRAFT MODEL	407	N-451PH	DATE:	MO. 08	DAY 25	YR. 2017

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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AIRCRAFT

N 451PH

PHI MODEL 407

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NEXT COMPONENT OR INSP. DUE					NEXT COMPONENT OR INSP. DUE				
Component (or insp.)	S/N or Freq	DUE	Date	Initial	Component (or insp.)	S/N or Freq	DUE	Date	Initial
ELT FUNCTION CHECK (Monthly)					POST MAINTENANCE CHECKS/MISC ITEMS				
ELT CK.		9-30-17	9/17 CM		T/R D/S coupling #1	10 to 65	5945:47	6010:47	(C/F)
ELT CHECK		10-2017		(C/F)					
POST MAINTENANCE CHECKS/MISC ITEMS									
CEB-72-6085	25 H	5918:52	9/1	8/					
CEB-72-6085	25 H	5929:13	9/15	CM					
T/R Hub Mast	1-5 hrs	5908:25	9/6	8/					
NOI	1-5 hrs	5909:25	9/6	8/					
T/R gearbox	10-25 hrs	5914:35	9/13	8/2					
T/CCK		5924:25							
#4 T/R D/S and	10-25 hrs	5919:25	9/13	8/2					
T/R coupling #1		5927:25							
8 T/CCK									
CEB-72-6085	25 H	5941:01	9/17	8/					
CEB-72-6085	25 H	5954:30	9/18	8/					
T/R D/S Disk Pack	1-2, 3, 4	5939:30	9/18	8/					
T/CCK		5954:30	9/18	8/					
CEB A72-6085	25 H	5972:25	9/23	8/2					
CEB-72-6085		5984:04	9/26	8/					
CEB A72-6085	25 H	5994:32	9/29	8/					
CEB-A-72-6085	25 H	6010:17	(C/F)						

Last Revised Date:

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5902:07	JD Long 1783		Genesys	2:06	1	4		7
HOURS FLOWN TODAY	2:06								
TOTAL	5904:13								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		Air Speed	Daily Total RIN 7				
EGT/TOT/ITT		607		Decel	(Computed From Applicable Model Formulas)				
NI/NG		97		Time					
Torque		80		Engine/s Rinsed & Dried					
ADC Reading				Signature A04					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
<p>OT/R gearbox servo seal leaking go 2825740</p>					<p>18-1-17 TIT 5904:13 Removed T/R cross head to access P/C shaft vent orifice and gained access to orifice under T/R P/C bolt cleared excess grease re installed. Bore serviceable bolt of T/R cross head grand run leak check good ref BHT-427 mm 9 67-154 & 67-155 Ser 45 95 cal 7</p> <p>End of AP3156357</p>				
<p>2) Acft Total time and status report require update</p> <p>R. Mylles AP3390421</p>					<p>2) AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 9-1-17 AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE) TIT 5904:13 PER STATUS REPORT UP DATE THROUGH 9-1-2017 MECHANIC & A&P# R. Mylles AP3390421</p>				
<p>3) Transferred all times and hardcover write-ups (to new / from old) log book.</p> <p>R. Mylles AP3390421</p>					<p>3) Transferred all times and hardcover write-ups (to new / from old) log book.</p> <p>R. Mylles AP3390421</p>				
<p>4) CEB 72-6085 3303 (25H) due</p> <p>End of AP3156357</p>					<p>4) 9-1-17 TIT 5904:13 Complied with visual recurring inspection of the OCC ser # 1112367 pth # M290 (2401) no defects noted ref CEB 72-6085 rev 3 Feb 2 2017 next due by TIT 5929:13 End of AP3156357</p>				
<p>5) CCI requested for work in item # 1 T/R cross head P/C bolt installation</p> <p>End of AP3156357</p>					<p>5) AOT 5904:13. 9-1-17. Complied with CCI required for item # 1 T/R cross head + P/C bolt installation work found acceptable. No defects noted</p> <p>End of AP3156357</p>				
<p>6) Throttle grip worn</p> <p>End of AP3156357</p>					<p>8-1-17 TIT 5904:13 Removed worn throttle grip cover and applied new cover with adhesive as required</p> <p>End of AP3156357</p>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION		AIRCRAFT MODEL		N-451PA		SIGNATURE			
55822B		BH-405				CERTIFICATE NO. 2825740			
DATE:		MO.		DAY		YR.			
09		09		1		17			

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5904:13	JD Long		P H Genesis	0:12				1
HOURS FLOWN TODAY	0:12								
TOTAL	5904:25								
ENGINE POWER CHECK									
#1		#2		OAT 27	Low Lifts _____ High Lifts _____				
Altitude 500				Air Speed 130	Daily Total RIN _____				
EGT/TOT/ITT 558				Decel _____	(Computed From Applicable Model Formulas)				
NI/NG 945				Time _____	Engine/s Rinsed & Dried				
Torque 80				Signature _____					
ADC Reading				Mach 1600					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
<p>① ACFT requires a 10 min ops check Fll and return to base. <i>Auth AP3156357</i></p> <p>② ACFT requires leak upon ACFT returning to base for T/R G/BX leak. <i>Auth AP3156357</i></p> <p>③ AOG Sock installed on cyclic stick #5. <i>Auth Mapp AP3101942</i></p> <p>④ T/R G/B input shaft seal looking. <i>Auth Mapp AP3101942</i></p> <p>⑤ ACFT requires PHI Model 407 6m Float Insp. at this time. <i>Auth AP3702277</i></p>									
MAINTENANCE PERFORMED									
<p><i>Log check Flight returning & return to base</i></p> <p>② 9-2-17, ACFT. to 5904:13 After 12 minutes of flight oil was noted in the area of the T/R G/B input shaft seal. See Write up #4 For work done. <i>Auth Mapp AP3101942</i></p> <p>③ 9-2-17 TT: 5904:25. Carried Fuel To Engineering Report Dtd: 9-3-17 Item (1) <i>Auth Mapp AP3373203</i></p> <p>④ 9-2-17 TT: 5904:25. Carried Fuel To Engineering Report Dtd: 9-3-17 Item (2) <i>Auth Mapp AP3373203</i></p> <p>⑤ 2 Sep. 2017. I certify that aircraft N451PH, total time 5904:25, has been inspected and for work performed in accordance with a PHI Model 407 AAP 6m Float Insp. All CCI have been signed and the aircraft was determined to be in an airworthy condition. <i>Auth AP3702277</i></p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA	AIRCRAFT MODEL 407	N-451PH		DATE: 9		MO. 9	DAY 2	YR. 17	

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5904:25								
HOURS FLOWN TODAY	NFR								
TOTAL	5904:25								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude				Air Speed	Daily Total RIN _____				
EGT/TOT/ITT				Decel Time	(Computed From Applicable Model Formulas)				
NI/NG					Engine/s Rinsed & Dried				
Torque					Signature _____				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
1) AOG Sock #3 Installed On Cyclic Stick. Antt & Stuf AP3373203				① 9-3-17. ACT 5904:25. Removed AOG Sock #3. MAINT AP3373203					
2) T/R G/B Input Shaft Seal Leaking Antt & Stuf AP3373203				② 9-3-17. ACT 5904:25. Removed T/R gearbox s/n AF5975 and replaced with serviceable T/R gearbox s/n A-301 TSN 7688.9, TSO 0.0 Removed T/R Pitch change mechanism s/n n/a p/n 11KRH1407-112 and replaced with serviceable Pitch Change mechanism s/n none p/n same JAW 9411-407-mm-7 para. 65-62 + 65-65 Rev. 45 Jan 09 3a:7 Antt & Stuf AP3373203					
③ CCI required for item #2 T/R gearbox and T/R Pitch change mech. replacement. MAINT AP3373203				⑤ 9-3-17 TIT 5904:25 Complied with CCI on T/R G/B box and Pitch change mechanism. No defects noted. Antt & Stuf AP3373203					
④ PHI Model 407 300HR/12M T/R GB, 300HR/3M AF, 1200HR/24M A/F, and a 300HR/ T/R Assembly inspection Due. R. Antt & Stuf AP3390421				④ 9-3-17. I certify that aircraft N451PH total time 5904:25 has been inspected and for work performed in accordance with a PHI model 407 MAIP 300H/12M T/R GB, 300H/3M A/F, 1200H/24M A/F, 300H T/R Assembly Inspections. All CCI items have been signed and the aircraft was determined to be in an airworthy condition. Ground run + leak ck good. Antt & Stuf AP3373203					
⑤ Actr due a 1200H/24M A/F Insp at this time. Antt & Stuf AP33702277.				⑤ 3 Sep 2017. I certify that aircraft N451PH, total time 5904:25 has been inspected and for work performed in accordance with a PHI Model 407 MAIP 1200H/24M A/F Inspection. All CCI items have been signed, and the aircraft was determined to be in an airworthy condition. Antt & Stuf AP33702277.					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL 407		N- 451PH		DATE: MO. 9		DAY 3	
						YR. 17			

ENGINEERING
REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

 ENGINEERING
REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5904:25								
HOURS FLOWN TODAY	AOL								
TOTAL	5904:25								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude				Air Speed	Daily Total RIN _____				
EGT/TOT/ITT				Decel Time	(Computed From Applicable Model Formulas)				
NI/NG				Engine/s Rinsed & Dried					
Torque				Signature <u>AOL (EOL)</u>					
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
① Aircraft is limited to 5 hrs flight due to T/R Hub Mast Nut TQ CK due at 5909:25 T/R Assy AP3607006				① 9-4-17 T/R 5904:25 Carried to next days engineering report <u>Butler</u> AP3156357					
② Aircraft is limited to 25 hrs due to a T/R gearbox TQ CK due at 5929:25 T/R Assy AP3607006				② 9-4-17 T/R 5904:25 Carried to next days engineering report <u>Butler</u> AP3156357					
③ Aircraft is limited to 25 hrs due to a #4 T/R DIS #7+8 coupling (T/R DIS) TQ CK. See Assy AP3607006				③ 9-4-17 T/R 5904:25 Carried to next days engineering report <u>Butler</u> AP3156357					
④ Aircraft requires an Ops CK flight due to T/R Gearbox replacement. <u>T/R Assy AP3607006</u>				④ 9-4-17 T/R 5904:25 Carried to Next days engineering report <u>Butler</u> AP3156357					
⑤ UPON COMPLETION OF 10M Ops CHECK FLIGHT T/R G/B LEAK CHECK REQUIRED. <u>R. Muller AP3390421</u>				⑤ 9-4-17 T/R 5904:25 Carried to next days engineering report <u>Butler</u> AP3156357					
⑥ AIRCRAFT REQUIRES COMPLETION OF T/R BALANCE, TO COMPLETE 300H T/R ASSY INSPECTION. <u>R. Muller AP3390421</u>				⑥ 9-4-17 T/R 5904:25. Could Not Balance T/R Assy To Within Limits. See Supplemental Sheet Dtd: 9-4-17 Item(8) For Corrective Action. <u>Butler</u> AP3373203					
⑦ AOL SOCK #2 INSTALLED ON A/C				⑦ 9-4-17 T/R 5904:25. Removed AOL Sock #2 From Aircraft. <u>Butler</u> AP3373203					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION <u>HMA</u>		AIRCRAFT MODEL <u>407</u>		N- <u>451PH</u>		DATE: MO. <u>9</u>		DAY <u>4</u> YR. <u>17</u>	

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PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5904:25	Howard	1230	PA1	0:20	1	2		2
HOURS FLOWN TODAY	0:20								
TOTAL	5904:45								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude				Air Speed	Daily Total RIN <u>2</u>				
EGT/TOT/ITT				Decel Time	(Computed From Applicable Model Formulas)				
NI/NG					Engine/s Rinsed & Dried				
Torque					Signature <u>Plugged 01545</u>				
ADC Reading		Not Recorded							
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
<p>① Aircraft is limited to <u>5</u> hrs. flight time due to <u>T/R Mast Nut Tg check</u> due at Acft. T.T. <u>5909:25</u> Mech <u>Butt</u> A&P # <u>AP3156357</u></p>									
<p>② Aircraft is limited to <u>25</u> hrs. flight time due to <u>T/R G/box Tg CK</u> due at Acft. T.T. <u>5929:25</u> Mech <u>Butt</u> A&P # <u>AP3156357</u></p>									
<p>③ Aircraft is limited to <u>25</u> hrs. flight time due to <u>T/R D/S coupling 748 Tg CK</u> due at Acft. T.T. <u>5929:25</u> Mech <u>Butt</u> A&P # <u>AP3156357</u></p>									
<p>④ ACFT requires a 10 min ops CK Flt for T/R G/box and T/R Hub of blade assy replacement <u>Butt AP3156357</u></p>									
<p>⑤ Upon completion of 10 min ops check Flt T/R G/box leak check required <u>Butt AP3156357</u></p>									
<p>⑥ No defects noted 9-5-17, AH: 5905:45, K.A. Howard, 3994982, CO.</p>									
MAINTENANCE PERFORMED									
<p>① 5 Sep. 2017. Acft TT 5904:45. Entry carried forward to next days Engineering Report dated 6 Sep. 2017. <u>AP3156357</u></p>									
<p>② 5 Sep. 2017. Acft TT 5904:45. Entry carried forward to next days Engineering Report dated 6 Sep. 2017. <u>AP3156357</u></p>									
<p>③ 5 Sep. 2017. Acft TT 5904:45. Entry carried forward to next days Engineering Report dated 6 Sep. 2017. <u>AP3156357</u></p>									
<p>④ Operational check flight performed 9-5-17, AH: 5904:45, and aircraft returned to service. K.A. Howard, 3994982, CO.</p>									
<p>⑤ 9/5/17 Acft. tt 5904:45, Complicated with a leak check of the T/R G/Box gaslock seals after 20 minutes of flight, no leaks noted. <u>Butt AP3156357</u></p>									
<p>DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.</p>									
STATION <u>HWA</u>		AIRCRAFT MODEL <u>407</u>		N- <u>451PH</u>		DATE: MO. <u>9</u> DAY <u>5</u> YR. <u>17</u>		SIGNATURE <u>Butt</u> CERTIFICATE NO. <u>AP3156357</u>	

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PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5904:45	J Long 1783		GENES.3	2056	1	3		8
HOURS FLOWN TODAY	2:56								
TOTAL	5907:41								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		29	Daily Total RIN 8				
EGT/TOT/ITT		663		Air Speed	120				
NI/NG		9/3		Decel	(Computed From Applicable Model Formulas)				
Torque		80		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>[Signature]</i> 1830					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
① Actr limited to 24:40 FH due to T/R mast nut TQ check, due ② 5909:25 FH. <i>[Signature]</i> A+P3702277				① 9-6-17 T/R 5907:41 Completed with T/R mast Nut Tq ck as required no movement noted ref PHT-407-MM-1 Fig 24-2 Rev 45 9/5/17 <i>[Signature]</i> A+P3156357					
② Actr limited to 24:40 FH due to T/R 6/B TQ check, due ② 5929:25. <i>[Signature]</i> A+P3702277				② 9/6/17 Actr 5907:41 Carried forward to next days engineering report dated 9/7/2017 <i>[Signature]</i> A+P3745824					
③ Actr limited to 24:40 FH due to T/R 8/B coupling H 7 + 8 TQ check, due ② 5929:25. <i>[Signature]</i> A+P3702277				③ 9/6/17 Actr 5907:41 Carried forward to next days engineering report dated 9/7/2017 <i>[Signature]</i> A+P3745824					
④ Defect 9-6-17 Actr 5907:41 <i>[Signature]</i> A+P3156357				④ 9-6-17 T/R 5907:41 Completed with CCF on work performed in T/R mast Nut Tq check no defects noted <i>[Signature]</i> A+P30541004					
⑤ CCF requested for work in item 1 T/R mast nut top ck <i>[Signature]</i> A+P3156357									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL Bell 407		N-451PH		DATE: MO. 9 DAY 6 YR. 2017		SIGNATURE <i>[Signature]</i> CERTIFICATE NO. A+P3702277	

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PHI, INC.

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5907:41	S Long 1783		Genesis	1:32	1	3		2
HOURS FLOWN TODAY	1:32								
TOTAL	5909 13								
ENGINE POWER CHECK									
#1		#2		OAT 27	Low Lifts _____ High Lifts _____				
Altitude		500		Air Speed 127	Daily Total RIN 2				
EGT/TOT/ITT		658		Decel _____	(Computed From Applicable Model Formulas)				
NI/NG		968		Time _____	Engine/s Rinsed & Dried				
Torque		80		Signature Joe 160					
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
① 9/7/2017 Aircraft limited to 21:44FM pending a T/R Gearbox T6 check due NLT 5929:25. Includes bill A/P 3745824					① 09-07-2017 Aircraft total time 5909:13 This write-up is carried forward to next day's Engineering sheet. Includes bill A/P 439255237				
② 9/7/2017 Aircraft limited to 21:44FM pending a T6 check of #748 T/R VS couplings. due NLT 5929:25. Includes bill A/P 3745824					② 09-07-2017 Aircraft total time 5909:13 This write-up is carried forward to next day's Engineering sheet. Includes bill A/P 439255237				
③ 9/7/2017 Aircraft total time 5909:13									
Joe 2025760									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION H Ma		AIRCRAFT MODEL 407		N-451PH		DATE: MO. 9		DAY 7 YR. 17	

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

[illegible]

ENGINEERING REPORT

PHI, INC.

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ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

[illegible]

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

[illegible]

ENGINEERING REPORT

PHI, INC.

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ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5909:13	S CARABAS 1735		FRANKLIN	3:19	1	4		7
HOURS FLOWN TODAY	3:19								
TOTAL	5912:32								
ENGINE POWER CHECK									
#1		#2		OAT 27	Low Lifts _____ High Lifts _____				
Altitude 500				Air Speed 123	Daily Total RIN 7				
EGT/TOT/ITT 662				Decel Time	(Computed From Applicable Model Formulas)				
NI/NG 96.7					Engine/s Rinsed & Dried 1555				
Torque 80.0					Signature <i>[Signature]</i>				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
1) This Aircraft is Limited to 20:12 Hours Flight time for Tail Rotor Gearbox Mounts Torque check due by 5929:25 Aircraft total time. <i>[Signature]</i> AP439255237					① 9-12-13 Aft T.T. 5912:32 C/F to next days engineering sheet. Kenneth Wade AH3422589				
2) This Aircraft is Limited to 20:12 Hours Flight time for #7 and #8 Tail Rotor Driveshaft DISC packs Torque check due by 5929:25 Aircraft total time. <i>[Signature]</i> AP439255237					② 9-12-17 Aft T.T. 5912:32 C/F to next days engineering sheet. Kenneth Wade AH3422589				
3) No defects Noted 9-12-17 Aft T.T. 5912:32 Scott Carabas Com 3629172									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION	HMA	AIRCRAFT MODEL	407	N-451PH	DATE:	MO. 09	DAY 12	YR. 2017	

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PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5912:32	J D Long	1783	Genesys	3:28	1	3		8
HOURS FLOWN TODAY	3:29								
TOTAL	5916:01								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		28	Daily Total RIN 8				
EGT/TOT/ITT		655		Air Speed	120				
NI/NG		970		Decel	(Computed From Applicable Model Formulas)				
Torque		80		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>go</i> 1730					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
<p>① This aircraft is limited to 16:53 Hours Flight Time for T/R G/Box mounts Torque Check due by 5929:25 Aircraft Total Time. Kenneth Wade AHP3422589</p>				<p>① 9/13/17, ACFT. IT. 5916:01 Complied with torque check of T/R G/BOX Attachment Hardware - TAW BHT 407 MM chpk 65 paragraph 65-65, Figure 65-40 NO Movement Noted Rev 45. Dated 1/9/17 AHP 434414999</p>					
<p>② This aircraft is limited to 16:53 Hours Flight Time for #7 & #8 T/R Plate to Disc Pins Torque Check due by 5929:25 Aircraft Total time. Kenneth Wade AHP3422589.</p>				<p>② 9/13/17, ACFT. IT. 5916:01 Complied with torque check of T/R DIS DISC PINS #7 & #8 TAW BHT 407 MM chpk 65 paragraph 65-60 Figure 65-31 Rev 45 Dated 1/9/17 NO Movement Noted AHP 434414999</p>					
<p>③ No Defects noted 9-13-17 ACFT IT 5916:01 <i>go</i> AHP 2825740</p>									
<p>4) CEB-72-6085 3303 25H due Clint Zwick AHP2826699</p>				<p>4) 9-13-17 IT 5916:01 Complied with visual recurring inspection of outer Construction Case welds PIN N250-10404 SIN YL 12367 no defects noted ref CEB-72-6085 Rev 3 feb 2 2017 next due 5941:01 Clint Zwick AHP2826699</p>					
<p>5) 50413M AIF 14SL 045 Clint Zwick AHP2826699</p>				<p>5) 9-13-17 at Centex that aircraft N 451PH Total Time 5916:01 has been inspected & all work performed in accordance with a PHI model 407A AIF 50413M AIF inspection. All CCI items have been signed & the aircraft was determined to be in an airworthy condition. Clint Zwick AHP2826699</p>					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION <i>HMA</i>		AIRCRAFT MODEL 407		N-451PH		DATE: MO. 9		DAY 13 YR. 17	
SIGNATURE <i>Kenneth Wade</i>					CERTIFICATE NO. AHP3422589				

ENGINEERING
REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING
REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5826:13	JD Long	1783	hexas	3:17	1	4		8
HOURS FLOWN TODAY	3:17								
TOTAL	5829:30								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		29	Daily Total RIN 8				
EGT/TOT/ITT		662		Air Speed	122				
NI/NG		970		Decel	(Computed From Applicable Model Formulas)				
Torque		80		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>go</i> 1600					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
<p>1) 6 Month PHI Fire Bottle Inspection Due Soon 9-17-17 Munich de Stengen App 2417363</p>				<p>2) I Certify That Aircraft N451PH, Total time 5929:30 has been inspected and/or work performed in accordance with a PHI Model 407 AAIP G M Fire EXT inspection and the Aircraft was determined to be in an Airworthy Condition 9-17-2017 Munich de Stengen App 2417363</p>					
<p>3) Event #1 Airframe Inspection Coming Due Soon 9-17-17 Munich de Stengen App 2417363</p>				<p>3) I Certify that Aircraft N451PH, Total time 5929:30 has been inspected and/or work performed in accordance with a PHI Model 407 AAIP Event #1 A/F Inspection. And all CCT Items have been signed, and the Aircraft was determined to be in an Airworthy Condition 9-17-17 Munich de Stengen App 2417363</p>					
<p>4) ISO HX Tail Rotor Drive Shaft Inspection Due Soon 9-17-17 Munich de Stengen App 2417363</p>				<p>4) I Certify that Aircraft N451PH, Total time 5929:30 has been inspected and/or work performed in accordance with a PHI Model 407 AAIP ISO HX T/R D/S Inspection, and all CCT Items have been signed and the Aircraft was determined to be in an Airworthy Condition 9-17-2017 Munich de Stengen App 2417363</p>					
<p>5) CEB-72-6085 3303 254 due at 5929:30 App 3439585</p>				<p>5) 09-17-2017 TT: 5929:30 Complied with visual recurring inspection of combustion case welds P/N: M350-10404 S/N: YL 12367 no defects noted Ref CEB-72-6085 Rev3 Feb 2 2017 next due TT 5954:30 at 5929:30 App 3439585</p>					
<p>* SEE SUPPLEMENTARY LOG SHEET</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION	SMX5 A	AIRCRAFT MODEL	3H-400	N-451PH	DATE:	MO. 9	DAY 17	YR. 17	

ENGINEERING
REPORT

PHI, INC.

P. O. BOX 90808 — LAFAYETTE, LA. 70509

ENGINEERING
REPORT

SUPPLEMENTARY LOG SHEET B

CONTINUED FROM PAGE: 1 OF 8-17-17

MECHANICS ENTER ALL MAINTENANCE PERFORMED

6) MONTHLY ELT FUNCTIONAL
CHECK DUE AT THIS TIME.

6) Complied with Monthly ELT
Functional Check IAW GMM-2, Ch.
2, 2-10 & Ch. 10 Section 3. No
Defects Noted.

P. J. Miller AP3390421

9/17/17 ACFT # 592613 *Comes to Monthly* AP3390421

AIRCRAFT
MODEL B-407


N- 451PH

TOTAL
TIME 5926:13

CONTINUED ON PAGE:

PAGE 2 OF 2

DATE: MO. 9 DAY 17 YR. 17

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS		TAKE OFFS
		#1	#2				#1	#2	
TOTAL HRS. TO DATE	5929:30	JTD Long 1783		Genosy	2:45	1	3		6
HOURS FLOWN TODAY	2:45								
TOTAL	5932:15								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude	500			29	Daily Total RIN 6				
EGT/TOT/ITT	663			Air Speed	(Computed From Applicable Model Formulas)				
NI/NG	970			Decel					
Torque	20			Time					
ADC Reading					Engine/s Rinsed & Dried				
ITEMS REQUIRING DAILY COMPLIANCE				Signature  1600					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
1) Aircraft is limited to 25 Hrs. flight time due to T/R O/S, DISK PACK TO CK. due at Acdt. T.T. 5954:30. Mech. R. Buffin. A&P # 3390421				1) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421					
2) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
3) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
4) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
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7) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
8) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
9) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
10) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
11) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
12) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
13) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
14) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
15) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
16) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
17) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
18) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
19) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
20) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
21) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
22) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
23) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
24) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
25) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
26) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
27) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
28) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
29) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
30) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
31) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
32) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
33) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
34) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
35) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
36) 09-18-2017, ACFT. T.T. 5932:15, THIS ITEM CARRIED FWD TO NEXT DAY ENGINEERING REPORT DATED. 09-18-2017. R. Buffin. AP 3390421									
37) 09-18-2017, ACFT. T.T. 593									

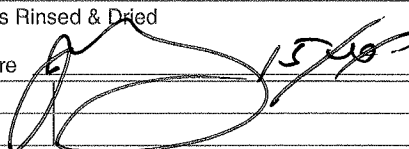
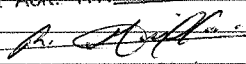
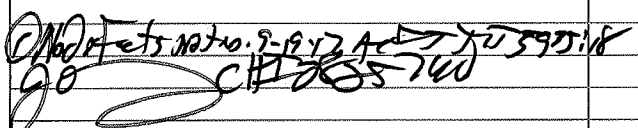
ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5932:15	JJ Long	1783	Genesis	3:03	1	5		7
HOURS FLOWN TODAY	3:03								
TOTAL	5935:18								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		502		29	Daily Total RIN 7				
EGT/TOT/ITT		662		Air Speed	125				
NI/NG		92.1		Decel	(Computed From Applicable Model Formulas)				
Torque		80		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature 					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
Aircraft is limited to 22:15 hrs. flight				DOR 19/17 TT: 5935:18 write up carried forward to					
time due to YR, D/S, DISK BACKS, TQ, CK, 1.2-3.4				next days Engineering Report dated 9-20-17					
due at Acft. T.T. 5954:30				A&P 383965					
Mech. 									
A&P # 3390421									
									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION		AIRCRAFT MODEL		DATE:		MO.		DAY	
HMR		407		N- 451 PM		09		19	
								YR. 17	
SIGNATURE				CERTIFICATE NO. A03156357					

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5935:18	Paul Patton 2790	Genesis	5:25	1	5		1
HOURS FLOWN TODAY	5:25							
TOTAL	5940:12							
ENGINE POWER CHECK								
#1		#2	OAT 30		Low Lifts _____ High Lifts _____			
Altitude 500			Air Speed 121		Daily Total RIN 9			
EGT/TOT/ITT 667			Decel Time _____		(Computed From Applicable Model Formulas)			
NI/NG 97.3			Engine/s Rinsed & Dried					
Torque 80			Signature <i>Paul Patton</i> 7/20/17					
ADC Reading _____			1755					
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS								
<p>① Aircraft is limited to 19:12 hrs. flight time due to <i>OR D/S TO CHIC 1-4</i> due at Act. T.T. 5954:30 Mech. <i>[Signature]</i> A&P # <i>AAP3439885</i></p> <p>② No defects noted 9/20/17 A&P T.T. 5940:13 <i>Paul Patton</i> 7/20/17</p>								
MAINTENANCE PERFORMED								
<p>1) 09-24-2017 Aircraft total time 5940:12 This will be up 15- <i>minutes forward to next day's engineering sheet.</i> <i>Continued on 439255229</i></p>								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
SIGNATURE <i>[Signature]</i>			CERTIFICATE NO. <i>AAP3439885</i>					
STATION <i>HMA</i>	AIRCRAFT MODEL <i>407</i>	N- <i>451PH</i>	DATE: MO <i>09</i>	DAY <i>20</i>	YR. <i>17</i>			

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PHI, INC.

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5940:43	Paul Paulson 2796	Genesys	7:42	1	3		12
HOURS FLOWN TODAY	7:42							
TOTAL	5948:25							
ENGINE POWER CHECK								
#1		#2	OAT 30	Low Lifts _____ High Lifts _____				
Altitude 500			Air Speed 124	Daily Total RIN 12				
EGT/TOT/ITT 666			Decel Time	(Computed From Applicable Model Formulas)				
NI/NG 97.2				Engine/s Rinsed & Dried				
Torque 80%				Signature Paulson 9/21/17 1755				
ADC Reading								
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED				
<p>① No defects noted 9/21/17</p> <p>2) This Aircraft is limited to 13:47 hours flight time for the numbers 1, 2, 3 and 4 (Forward and Aft rotor drive shafts) Disassemble torque check by 5954:30 or loss of torque was noted. Reference: BBL 407 manual, Revision 45 dated January 9, 2017, table 5-3 and figures 65-11 and 65-28. (Carroll for ADP439255237)</p>				<p>2) 09-21-2017 Aircraft total time 5948:25 Complied with numbers 1, 2, 3 and 4 (Forward and Aft rotor drive shafts) Disassemble torque check as required and no movement or loss of torque was noted. Reference: BBL 407 manual, Revision 45 dated January 9, 2017, table 5-3 and figures 65-11 and 65-28. (Carroll for ADP439255237)</p>				
<p>③ PHI model 407 300H/12M A/F inspection Due 9/21/17</p>				<p>③ I certify that A/C N451PH, total time 5948:25, has been inspected and/or work performed IAW a PHI model 407 300H/12M A/F inspection and all C/C items have been signed and the A/C determined to be in an airworthy condition this date 9/21/17</p>				
<p>④ CEB-72-6085 3303 Due 9/21/17</p>				<p>④ 9/21/17, ACFT. TT. 5948:25 Complied with recurring visual insp. and leak check C/C order (Composite case welds PIN ME50-10404 SN YL12367 NO defects Noted IAW CEB-72-6085 3303 (Latest Rev.) Next Due at 5973:25</p>				
<p>5) Comply with a PHI model 407 AAZP 50H/13M A/F inspection. (Carroll for ADP439255237)</p>				<p>5) 09-21-2017 I certify that Aircraft N451PH, total time 5948:25, has been inspected and/or work performed in accordance with a PHI model 407 AAZP 50H/13M A/F inspection. All C/C items have been signed and the Aircraft was determined to be in an airworthy condition (Carroll for ADP439255237)</p>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION HMA		AIRCRAFT MODEL 407		N- 451PH		DATE: MO. 09 DAY 21 YR. 17		

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 — LAFAYETTE, LA. 70509

ENGINEERING REPORT

SUPPLEMENTARY LOG SHEET B[illegible]

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5948:25	Paul Paulson 2796		Leaves	7:12	1	3		12
HOURS FLOWN TODAY	7:12								
TOTAL	5955:42								
ENGINE POWER CHECK									
#1		#2		OAT 29	Low Lifts _____ High Lifts _____				
Altitude 500'				Air Speed 125	Daily Total RIN 12				
EGT/TOT/ITT 672				Decel Time	(Computed From Applicable Model Formulas)				
NI/NG 97.3					Engine/s Rinsed & Dried				
Torque 8015					Signature Paul Paulson 9/22/17 MSY				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
<p>1) No delays noted 9/22/17 A/C #1: 5955:42 Paul Paulson ADP186205 AS REPORTED BY FLIGHT CREW. Along with ADP 2843101 -</p>									
MAINTENANCE PERFORMED									
<p>2) acft. total time & status report requires updating Clint Zwickler ADP2826697</p>									
<p>2.) aircraft time list was validated & inserted in log book. Aircraft time confirmed & corrected thru date 9-22-17 Aircraft total time including any corrections & up-to-date 5955:37 per status report up to date through 9-29-17 Clint Zwickler ADP2826697</p>									
<p>3) ante Collision light image Clint Zwickler ADP2826697</p>									
<p>3.) 9-22-17 TT 5955:37 found were on ante Collision light bulb broken removed bulb installed serviceable bulb bell 407 4.11 Chapt. 76-351, 76-352 Rev 459 Jan 2017 light function properly Clint Zwickler ADP2826697</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL 407		N-451PH		DATE: MO. 09 DAY 22 YR. 2017		SIGNATURE [Signature]	
						CERTIFICATE NO. ADP439255237			

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5955:42	Paul Pabon 2796		Coen's	3:37	1	2		4
HOURS FLOWN TODAY	63:37								
TOTAL	5959:09								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude 500				25	Daily Total RIN 4				
EGT/TOT/ITT 670				Air Speed 124	(Computed From Applicable Model Formulas)				
NI/NG 97.4				Decel _____	Engine/s Rinsed & Dried _____				
Torque 80				Time _____	Signature Paul Pabon 9/23/17 1750				
ADC Reading _____									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
① No defects noted 235pp 17 AFT 5959:09 Paul Pabon AHP 3422589									
② Starter/Generator Due Overhaul. Kenneth Wade - AHP 3422589					② 9-23-17 Aft TT 5959:04 Removed ST/gen P/N 206-062-200-113 S/N P1317, and installed a serviceable ST/gen same P/N, S/N 96046, TSO-00, TSO 29288. ^{US} TSO Aircraft was ground run leak & function checked O.K. Log. BHT-407-MM-9 Chapter 71-00-00, 71-40, 71-42. Rev. 45. D9 JAN-2017, Kenneth Wade AHP 3422589				
③ A CCI is required for maint performed in item #2. Kenneth Wade AHP 3422589.					③ 9-23-17 TT 5959:04 COMPLETED WITH A CCI ON ITEM #2, INSTALLATION OF ST/GEN & FOUND O.K. William Anderson AHP 3422589				
④ Comply with CEB-72-6085, 3303 25HR. Rec. Kenneth Wade AHP 3422589					④ 9-23-17 Aft TT 5959:04 Complied with CEB-72- 6085, 3303, inspection of Combustion case welds, No defects noted. Latest Post. Maint Due @ aft tt. 5984:04. S/N YL12367 Kenneth Wade AHP 3422589				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
SIGNATURE Clint Zwick					CERTIFICATE NO. 240282697				
STATION HMA	AIRCRAFT MODEL 407	N- 451 PH		DATE: MO. 09	DAY 23		YR. 17		

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5969:52	Long 1783	Genesis	5:56	1	3		11
HOURS FLOWN TODAY	5:56							
TOTAL	5975:48							

ENGINE POWER CHECK			
#1	#2	OAT	Low Lifts _____ High Lifts _____
Altitude	80	29	Daily Total RIN 11 (Computed From Applicable Model Formulas)
EGT/TOT/ITT	665	Air Speed 120	
NI/NG	92.3	Decel	Engine/s Rinsed & Dried
Torque	80	Time	
ADC Reading			Signature <i>[Signature]</i> 1630

ITEMS REQUIRING DAILY COMPLIANCE	
DISCREPANCIES OR OTHER COMMENTS	
<p><i>[Handwritten: 01/10/17 17:17 ACP 5715975:48]</i></p> <p><i>[Handwritten: 01/10/17 17:17 ACP 5715975:48]</i></p> <p><i>[Handwritten: 01/10/17 17:17 ACP 5715975:48]</i></p>	<p>MAINTENANCE PERFORMED</p> <p><i>[Handwritten: ② REMOVED SWITCH LIGHT COULD REMOVED BURNOUT BULBS, INSTALL NEW BULBS GROUND CHECKED SERVICEABLE ON 9-27-17 TT 5975:48 Alan P. Howard]</i></p> <p><i>[Handwritten: 1XP3353466]</i></p>

DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.	
STATION <i>HMA</i>	<div> <div>AIRCRAFT MODEL <i>407</i></div> <div>N- <i>451PH</i></div> </div>
<div> <div>SIGNATURE <i>[Signature]</i></div> <div>CERTIFICATE NO. <i>AP3939885</i></div> </div>	
DATE: <i>MO. 09</i>	DAY <i>27</i> YR. <i>17</i>

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS		TAKE OFFS
		#1	#2				#1	#2	
TOTAL HRS. TO DATE	5975:48	J Long	1783	Honesty	4:54	1	7		12
HOURS FLOWN TODAY	4:54								
TOTAL	5980:42								
ENGINE POWER CHECK									
#1		#2		OAT	29	Low Lifts _____ High Lifts _____			
Altitude	500			Air Speed	123	Daily Total RIN 12			
EGT/TOT/ITT	666			Decel Time		(Computed From Applicable Model Formulas)			
NI/NG	970			Engine/s Rinsed & Dried					
Torque	80			Signature 007.					
ADC Reading				ITEMS REQUIRING DAILY COMPLIANCE					
DISCREPANCIES OR OTHER COMMENTS						MAINTENANCE PERFORMED			
① No discrepancy noted as per TTT 5980:42 vs 5975:48									
② Acft total time and status report require update P. Dunfee A#3390421						③ AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 9-28-2017. AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE) T.T. 5,980:42 PER STATUS REPORT UP DATE THROUGH 9-28-2017 MECHANIC & A&P# R. Dunfee AP3390421			
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.						SIGNATURE Donald W. Ritchie			
STATION HMA						CERTIFICATE NO. A-P335830EY			
AIR CRAFT MODEL Y07		N-		451PH		DATE: MO. 9 DAY 28		YR. 17	

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PHI, INC.

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ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5980:42	JD Long 1783		HERMES	5:05	1	5		10
HOURS FLOWN TODAY	5:05								
TOTAL	5985:47								
ENGINE POWER CHECK									
#1		#2		OAT 29		Low Lifts		High Lifts	
Altitude 500				Air Speed 126		Daily Total RIN 10			
EGT/TOT/ITT 667				Decel		(Computed From Applicable Model Formulas)			
NI/NG 37.1				Time		Engine/s Rinsed & Dried			
Torque 80						Signature Michel 1600			
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
<p>1) 100H/12M NORTH FLIGHT DATA SYSTEM INSPECTION DUE. R. [Signature] AP3390421</p> <p>2) 100H/12M NORTH FLIGHT DATA SYSTEM INSPECTION DUE. R. [Signature] AP3390421</p> <p>3) 100H, M/R YOKE INSPECTION DUE AT THIS TIME. R. [Signature] AP3390421.</p> <p>4) 100H, RADAR ALT. MOUNT INSPECTION DUE AT THIS TIME. R. [Signature] AP3390421.</p> <p>5) CEB-72-6085, INSPECTION OF ENGINE, OUTER COMBUSTION CASE DUE AT THIS TIME. R. [Signature] AP3390421</p>									
<p>2) 9-29-2017, I CERTIFY THAT AIRCRAFT N451PH, TOTAL TIME 5985:47 HAS BEEN INSPECTED AND WORK PERFORMED IN ACCORDANCE WITH A PHI MODEL 407 AAR 100H/12M NORTH FDS INSPECTION AND THE AIRCRAFT WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. [Signature] AP3054190</p> <p>3) 9-29-2017, ACFT.T.T. 5985:47, PERFORMED A DETAILED VISUAL INSPECTION (SHADED AREAS) FOR EVIDENCE OF CRACKING OR DELAMINATION ON THE INSIDE AND OUTSIDE EDGES OF FLEXURES AS PER BHT 407 CR+0 CHAP. 62 + BHT 407 MM CHAP. 4, 4.00-00, FIG 4-2 REV. 45-09 JAN-2017. NO DEFECTS NOTED AT THIS TIME. [Signature] AP3156357</p> <p>4) 9-29-2017, ACFT.T.T. 5985:47, VISUALLY INSPECTED RADAR ALT. MOUNT AS REQUIRED FOR CRACKS, NICKS, DEEP SCRATCHES, CORROSION, SECURITY NO DEFECTS NOTED AT THIS TIME. [Signature] AP3156357</p> <p>5) 9-29-2017, ACFT.T.T. 5985:47, COMPLIED WITH AS REQUIRED, INSPECTION OF ENGINE OUTER COMBUSTION CASE, PN. M25D-10404, SN. YL12367, AS PER Ralls-ROYCE CEB-72-6085, REV. 3, FEB 2, 2017, NO DEFECTS NOTED AT THIS TIME. Next inspection due NET 6010:47 [Signature] AP3054190</p>									
<p>* SEE SUPPLEMENTARY LOG SHEET *</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION NMA		AIRCRAFT MODEL 407		N- 451PH		DATE: MO. 9		DAY 29	
						YR. 17			

ENGINEERING
REPORT

PHI, INC.

ENGINEERING
REPORT

P. O. BOX 90808 — LAFAYETTE, LA. 70509

SUPPLEMENTARY LOG SHEET B

CONTINUED FROM PAGE: 1 OF 2		MECHANICS ENTER ALL MAINTENANCE PERFORMED			
6) PRJ-170508-407 TR BLADE REGUL 50H INSPECTION DUE AT THIS TIME. R. Phillips AP3390421		6) 9-29-2017, ACFT. T.Y. 5985:47, COMPLIED WITH TAIL ROTOR TIP BLOCK INSPECTION BY TAPING LIGHTLY TAIL ROTOR TIP AREA 1/2" FROM TIP OF BLADE WITH STEEL TAP HAMMER AS PER PRJ-170508-407 TR 05/09/2017 T/R HUB SN. 54135, NEXT DUE ACFT. T.Y. 6035:47 NO DEFECTS NOTED AT THIS TIME. CUT/IN AP3156357			
7) 50H/3M A/F INSPECTION DUE AT THIS TIME. R. Phillips - AP3390421		7) 9-29-2017, I CERTIFY THAT AIRCRAFT N451PH TOTAL TIME 5985:47 HAS BEEN INSPECTED AND WORK PERFORMED IN ACCORDANCE WITH A PHI MODEL 407 AAIP 50H/3M A/F INSPECTION. ALL CCI ITEMS HAVE BEEN SIGNED, AND THE AIRCRAFT WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Dennis J. De 358 4199			
8) 9/29/2017 FWH Has reached overhaul interval. C. Phillips AP3745824		8) 9/29/2017 ACT 5980:42 Removed unserviceable FWH TN: 406-040-500-147FM, SN: A-5173 and Replaced with Serviceable FWH TN: 406-040-500-147, SN: A-8171 IAW BHT-407-MM-6 Par. 63-69 and 63-72, Rev. 45, 9 Jan. 2017. Installed FWH TSN: 1126.57, TSO: 1126.57. CUT/IN AP3156357 Dennis J. De 358 4199			
9) 9/29/2017 During FWH replacement Corrosion found on inlet screen and shelf. C. Phillips AP3745824		9) 9/29/2017 ACT 5980:42 While inlet cowling was removed during item (8) maintenance, removed screen from shelf at wash fitting, removed 12 bolts securing shelf, removed shelf, removed wash fitting from unserviceable shelf and installed on serviceable shelf, installed serviceable shelf with 12 bolts and installed ^{CCF} screen at wash fitting. Serviceable PN's Screen: 206-064-213-207, Shelf 206-064-213-219. Inlet Cowl reinstalled during item (8) maintenance CUT/IN AP3156357			
10) 9/29/2017 CCF required for FWH replacement and Inlet Shelf and Screen replacement. C. Phillips AP3745824		10) 9-29-17 T.Y. 5980:42 Complied with CCI for work per- formed in items 7 & 9. FWH assembly installation and Inlet shelf & screen installation. No defects noted. C. Phillips AP3745824			
AIRCRAFT MODEL B-407		N- 451 PH		TOTAL TIME 5980:42	
CONTINUED ON PAGE:		PAGE 2 OF 2			
DATE: 9		MO. 9		DAY 29	
YR. 17					

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PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5985:47	Jason Wilson 5603	PHI - MNTS	:13	1	1		1
HOURS FLOWN TODAY	0:13							
TOTAL	5986:00							
ENGINE POWER CHECK								
#1		#2	OAT	Low Lifts _____ High Lifts _____				
Altitude			Air Speed	Daily Total RIN _____				
EGT/TOT/ITT			Decel	(Computed From Applicable Model Formulas)				
NI/NG			Time	Engine/s Rinsed & Dried				
Torque				Signature _____				
ADC Reading				_____				
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED				
① 9/30/2017 20min ground run required after FSW replacement and check of chip plug after run. <i>check full ATP374582M</i>				① 9-30-17 TT 5985:47 Complied with 20 min run and Leak of chip plug. No leaks noted no defects noted. <i>Well Gally ATP3280661</i>				
② 9/30/2017 T/R DS Balance required after installation of FWD Short Shaft. <i>check full ATP374582M</i>				② 9-30-17 TT 5985:47 performed T/R DS balance for installation of Free Short Shaft. <i>407-MMM-2, CHPT 18 para 18-29 & 18-32 Rev 45 9-54N-2017. Well Gally ATP3280661</i>				
③ 9/30/2017 10min flight and return to base for leak check is required (10 min operational check flight) <i>check full ATP374582M</i>				③ Operational check flight performed 9-30-17. ACFT TT: 5986:00. and returned to service. <i>3622816 ATP.</i>				
④ 9/30/17 After 10 min flight a leak check of the FSW is required and verification that there is no oil transfer between seal and seals. <i>check full ATP374582M</i>				④ 9-30-17 TT 5985:47 performed leak check of Free Wheeling Unit and verification of no oil transfer between seal and seals. No defects noted. <i>Well Gally ATP3280661</i>				
⑤ ACFT Requires Deck mag for Maintenance Performed before ground runs <i>check full ATP3156357</i>				⑤ 9-30-17 TT 5985:47 performed engine and transmission deck wash <i>7746 G-MMM-13-12 REV 12-17-03 30 Aug 2017. Well Gally ATP3280661</i>				
⑥ ACFT Requires Fuel system bleed for A/F filter reinstallation <i>check full ATP3156357</i>				⑥ 9-30-17 TT 5985:47 performed Fuel system bleed for A/F Filter re-installation and Fuel Filter Leak Check. <i>TAIR ROLL ROLL 250-C473 operator and maintenance manual CHPT 23-00-00 REV 20-Sept 1, 2017 NO defects noted. Well Gally ATP3280661</i>				
⑦ ACFT limited to 25hrs FH due to T/R & S coupling Jack due by TT 6000:47 <i>check full ATP3156357</i>				⑦ 9-30-17 TT 5986:00 Carried Forward to the next day engineering report <i>check full ATP3156357</i>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION		AIRCRAFT MODEL	N-451PH		DATE: MO. 9 DAY 30 YR. 17			

ENGINEERING
REPORT

PHI, INC.

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P. O. BOX 90808 — LAFAYETTE, LA. 70509

SUPPLEMENTARY LOG SHEET B

CONTINUED FROM PAGE: 1		MECHANICS ENTER ALL MAINTENANCE PERFORMED			
8) AOG sock #1 installed on cyclic stick. <i>[Signature]</i> AP3156357	F.) 9/30/17, Acft. # 5985:47 Removed AOG Sock #1 From cyclic stick. Halen Mappett ATP 3101942.				
9) Float Pins installed for maintenance. <i>[Signature]</i> AP3156357	9.) 9/30/17, Acft. # 5985:47, Removed Float and life raft Safety pins (2ea). Halen Mappett ATP 3101942				
10.) Acft. requires special inspection due to Fuel System maint work done above Fuel Filler port as per BHT-407-mm-1-S-00-00 Table 5-3, note #6. <i>[Signature]</i> Halen Mappett ATP 3101942	10.) 9/30/17, Acft. # 5985:47, Complied with special inspection of Fuel system in Reference with BHT-407-mm-28-20 paragraphs 7 through 9. No defects noted. BHT-407-mm Rev. 45, dated 09 Jan 2017 <i>[Signature]</i> Halen Mappett ATP 3101942				
11) A/c Requires compliance with BHT 407-mm-1 ch 5 PAR 5-25A INS OF Free wheel lubrication system RESTRICTORS. <i>[Signature]</i> ATP 3067820	11) 9-30-17 A/c # 5985:47 Complied with inspection of Free wheel lubrication system RESTRICTORS And Filter screen IAW BHT-407-mm-1 ch 5 PAR 5-25A Pg 51 L52 REV 45 DATED 9 JAN 17 NO DEFECTS NOTED, Ground RAN leak checked no leaks noted. <i>[Signature]</i> ATP 3067820				
12) OET Required FOR ITEM 11 FOR Free wheel lubrication RESTRICTORS INS. <i>[Signature]</i> ATP 3067820	12) 9-30-17, # 5985:47 performed OET for item # 11. NO defects noted. <i>[Signature]</i> ATP 3280661.				
13) No defects noted. 9-30-17. ACFT TT: 5986:00. <i>[Signature]</i> ATP 3022186					
AIRCRAFT MODEL 407	N-451	TOTAL TIME 5985:47	CONTINUED ON PAGE:		PAGE 2 OF 3
			DATE:	MO. 9	DAY 30 YR. 17

AIRCRAFT N 451PH

PHI MODEL 407

35

NEXT COMPONENT OR INSP. DUE					NEXT COMPONENT OR INSP. DUE				
Component (or insp.)	S/N or Freq	DUE	Date	Initial	Component (or insp.)	S/N or Freq	DUE	Date	Initial
ELT FUNCTION CHECK (Monthly)					POST MAINTENANCE CHECKS/MISC ITEMS				
ELT check		10-2017	10/15 CM		TRD/Scoping 1st	10-25	6010:47	10/5	TDR
ELT Check		11-2017	C/F RY						
					#1,2,3+4 TRANS	10/25	6077:43	10/	JP
					CONDUC Tg CIE		6092:43	29	JP
POST MAINTENANCE CHECKS/MISC ITEMS									
CEB-A-72-6085	25H	6010:47	10/2	TDR					
CEB-72-6085	25H	6019:49	10/6	AH					
CEB-72-6085	25H	6030:30	10/6	AH					
CEB-72-6085	25H	6040:41	10/13	TA					
CEB-72-6085	25 HR	6053:01	10/15	CM					
CEB-72-6085	25HR	6062:33	10/18	CM					
CEB-72-6085	25HR	6074:20	10/24	TA					
CEB-72-6085	25HR	6092:43	10/26	Mde					
CEB-A-72-6085	25HR	6102:04	10/30	TDR					
CEB-A-72-6085	25H	6109:29	C/F RY						

Last Revised Date:

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5986:00	J. Long 1783		GROSS	4:04	1	4		4
HOURS FLOWN TODAY	4:04								
TOTAL	5990:04								
ENGINE POWER CHECK									
#1		#2		OAT 29	Low Lifts		High Lifts		
Altitude 500				Air Speed 125	Daily Total RIN 4		(Computed From Applicable Model Formulas)		
EGT/TOT/ITT 667				Decel					
NI/NG 973				Time					
Torque 80				Engine/s Rinsed & Dried					
ADC Reading				Signature <i>[Signature]</i> 1430					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
① ACFT logbook at beginning of the month but for AP3156357					① Transferred all times and hardcover write-ups off to new / (from old) log book. 10-1-17 TIT 5986:00 but for AP3156357				
② Aircraft is limited to 24:47 hrs. flight time due to T/R D's coupling 142 19 c/c due at acct. TIT 6010:47 Mech <i>[Signature]</i> A&P# AP3156357					② 10-2-17 TIT 5990:04. Carried Fwd To Engineering Report Dtd: 10-2-17 Item (1). But for AP3156357				
③ Note to 10-1-17. ACFT TIT 5990:04 go to CHZ 2828740									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL 407		N-451PH		DATE: MO. 10 DAY 1 YR. 17		SIGNATURE <i>[Signature]</i> CERTIFICATE NO. AP3156357	

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5990:04	J Long 1783		Genesis	4:45	1	4		9
HOURS FLOWN TODAY	4:45								
TOTAL	5994:49								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts		High Lifts		
Altitude		500		30	Daily Total RIN		9		
EGT/TOT/ITT		669		125	(Computed From Applicable Model Formulas)				
NI/NG		974		Decel					
Torque		80		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>[Signature]</i> 1840					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
<p>1) Aircraft is limited to 20:43 hrs. flight time due to 1+2 T/R D/SCoupling T/Ck due at acft. T.T 6010:47 Mech. <i>[Signature]</i> A&P# 3373203</p> <p>2) No 20:43 hrs. flight time due to 1+2 T/R D/SCoupling T/Ck due at acft. T.T 6010:47 Mech. <i>[Signature]</i> A&P# 3373203</p>				<p>1) 10-2-17 TT: 5994:49. Carried Forward Engineering Report Dtd: 10-3-17 Item (1) <i>[Signature]</i></p> <p>2) 2 OCT 2017 TT: 5994:49 COMPLIED WITH CEB-72-6085 AS REQ FOR OUTER COMBUSTION CASE P/N AN250-10404 S/N YL 12367 IAW ACCOMPLISHMENT INSTRUCTIONS OF CEB-72-6085 (REV 3 DATED 2 FEB 2017). NO DEFECTS NOTED. NEXT COMPLIANCE DUE 6019:49 ACFT TOTAL TIME <i>[Signature]</i> AP3055741</p>					
<p>3) Comply with CEB-72-6085 (ENCL COMBUSTION CASE) <i>[Signature]</i> AP3055741</p>				<p>3) 2 OCT 2017 TT: 5994:49 COMPLIED WITH CEB-72-6085 AS REQ FOR OUTER COMBUSTION CASE P/N AN250-10404 S/N YL 12367 IAW ACCOMPLISHMENT INSTRUCTIONS OF CEB-72-6085 (REV 3 DATED 2 FEB 2017). NO DEFECTS NOTED. NEXT COMPLIANCE DUE 6019:49 ACFT TOTAL TIME <i>[Signature]</i> AP3055741</p>					
<p>4) DEUS FASTENER RECEPTICLE ON 1/4 AFT OF ENGINE BAY BROKEN <i>[Signature]</i> AP3055741</p>				<p>4) 2 OCT 2017 TT: 5994:49 REMOVED AND REPLACED DEUS FASTENER RECEPTICLE WITH NEW PART. WASHED ENGINE BAY FOR FOD. NONE FOUND. <i>[Signature]</i> AP3055741</p>					
<p>DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.</p>									
STATION Hma		AIRCRAFT MODEL 407		N-451 PH		DATE: MO. 10 DAY 2		YR. 17	
SIGNATURE <i>[Signature]</i>		CERTIFICATE NO. AP3373203							

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5994:49	JD Long 1793		Genesis	3:33	1	4		2
HOURS FLOWN TODAY	3:33								
TOTAL	5998:22								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		30		Daily Total RIN 8			
EGT/TOT/ITT		671		Air Speed 124		(Computed From Applicable Model Formulas)			
NI/NG		97		Decel		Engine/s Rinsed & Dried			
Torque		80		Time		Signature [Signature]			
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
1) Aircraft is limited to 15:58 hrs. flight time due to 1+2 TR 0/6 Couplings To CK due at Act. T.T. 6010:47 Mech [Signature] A&P # 3323203									
2) [Signature] 10/3/2017 ALT 5998:22 Carried forward to next days engineering report dated 10/4/2017 [Signature] A&P 3145824									
3) 3 OCT 2017 TT: 5998:22 COMPLIANT WITH TORQUE CHECK OF #1 AND #2 TR 0/6 COUPLINGS DUE AT TTR BETWEEN 5995:47 TO 6010:47 ALT TOTAL TIME TSS AP3055741									
3 OCT 2017 TT: 5998:22 COMPLIANT WITH TORQUE CHECK OF #1 AND #2 TR 0/6 COUPLINGS ALSO BHT-407-XXX-1, 05-00-00, PARA 5-25, TABLE 5-3 (REV 46 DATED 1/9/2014). NO MOVEMENT NOTED. NO FURTHER ACTION REQUIRED - TSS AP3055741									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION Hma		AIRCRAFT MODEL 407		N- 451 PH		DATE: MO. 10 DAY 3 YR. 17		SIGNATURE [Signature] CERTIFICATE NO. AP3323203	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS			
TOTAL HRS. TO DATE	5998:22	Paul Paulson 2796	Genesis	1:23	1	2		3			
HOURS FLOWN TODAY	1:23										
TOTAL	5999:45										
ENGINE POWER CHECK											
#1		#2	OAT 27	Low Lifts _____ High Lifts _____							
Altitude	500		Air Speed 124	Daily Total RIN 3							
EGT/TOT/ITT	665		Decel	(Computed From Applicable Model Formulas)							
NI/NG	97.1		Time	Engine/s Rinsed & Dried							
Torque	80			Signature <i>Indefinite Facilities - YSP17 New</i>							
ADC Reading											
ITEMS REQUIRING DAILY COMPLIANCE											
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED							
① 10/4/17 Aircraft limited to 12:25 FA pending a #1 + 2 T/R DS Disk Pack from check done NKT 6010:47. <i>Paul Paulson APP 3745824</i>				① 4007 2017 TT: 5998:22 ENTERED IN ERROR SELF SIGN - OFF ON ENGINEER INT SHEET DATED 30CT2017, ENTRY #3 <i>TSS APP 3055741</i>							
② Aircraft has one of safety Guard on underside of aircraft and along tail boom - suspect faulty oil pump cap. <i>2. 10-5-17 Paul Paulson Emp # 2796</i>				2 10-5-17 A/C TT 5999:45 Inspected A/C FOUND OIL LEAK ON ENGINE OIL COOLER CAP AND EVIDENCE OF OIL LEAKING FROM ENG OIL CAP. cleaned up oil from under A/C belly. NO OIL NOTED ON TRANSMISSION DECK, ENGINE OR OIL COOLER DECKS. Added a quart Eng oil. Ground Run LEAK checked NO leaks NOTED. <i>APP 367820</i>							
				Entered IN ERROR and carried FORWARD to 5-10-17 Item 2. <i>APP 367820</i>							
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.											
STATION	HMA	AIRCRAFT MODEL	407	N- 451PH	DATE:	MO.	10	DAY	4	YR.	17

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	5999:45	Paul Pearson	2796	Genesis	3:03	1	3		4
HOURS FLOWN TODAY	3:03								
TOTAL	6002:48								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude 5W				Air Speed 126	Daily Total RIN 3				
EGT/TOT/ITT 669				Decel	(Computed From Applicable Model Formulas)				
NI/NG 97.1				Time					
Torque 80					Engine/s Rinsed & Dried				
ADC Reading					Signature Paul Pearson Sept 2017/1835				
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
<p>① No defects noted since 2017 A/C TT: 6002:48 Paul Pearson ATP 2862157</p> <p>② A/C has Eng oil ON underside of AIRCRAFT + Tail Boom, Faulty oil tank cap suspected. Carried forward from 10-4-2017 item 2. Jan 2018 3.67820</p> <p>③ 5-10-17 A/C TT 5999:45 Inspected A/C Found And Replaced C/RW O-Ring on Engine oil cooler cap And Evidence of oil leaking from Eng oil cap. Cleaned up oil from under A/C belly, no oil noted on transmission, engine or oil cooler decks. Added 3 Quart Eng oil. Ground RAN/leak checked no leaks NOTED. Jan 2018 3.67820</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION EW 073		AIRCRAFT MODEL 407		N- 451PH		DATE: MO. 10 DAY 5 YR. 17		SIGNATURE Paul Pearson CERTIFICATE NO. ATP 2862157	

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PHI, INC.

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6002:48	Paul Paulson 2786	Coastal	2:42	1	4		4
HOURS FLOWN TODAY	2:42							
TOTAL	6005:30							
ENGINE POWER CHECK								
#1		#2	OAT 27	Low Lifts _____ High Lifts _____				
Altitude 500'			Air Speed 131	Daily Total RIN 4				
EGT/TOT/ITT 665			Decel Time	(Computed From Applicable Model Formulas)				
NI/NG 77.2				Engine/s Rinsed & Dried				
Torque 80				Signature Paul Paulson 6005:30 15:30				
ADC Reading								
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS								
MAINTENANCE PERFORMED								
<p>1) No defects noted 6005:30 Paul Paulson ATP 2862159</p> <p>2) Acft Total time and status report require update Chet Ziegler ATP 2826699</p> <p>3) CLEA 72-6089-3303 29 NR DUB ON 10-6-17 TT 6005:30 Chet Ziegler ATP 3393466</p>								
<p>2) AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 10-6-17 AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE T.T. 6005:30 PER STATUS REPORT UP DATE THROUGH OCT 12 2017 MECHANIC & A&P# Chet Ziegler ATP 2826699</p> <p>3) 10-6-17 TT 6005:30, VISUAL INSP. AND LUBK CH 601200 OF OUTER COMBUSTION CASE WALLS TAW CKB-72-6085 SBPT-1-2016 REV3 DATE 2-2-2017, FOUND SERVICEABLE Chet Ziegler ATP 3393466 NEXT DUB RET 6030:30</p>								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION 17MP		AIRCRAFT MODEL 407	N- 451 PH	DATE: MO. 10	DAY 6	YR. 17		

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6010:24	J Long	1783	4 MESJ	5:17	1	4		8
HOURS FLOWN TODAY	5:17								
TOTAL	6015:41								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		50		Air Speed	120				
EGT/TOT/ITT		663		Decel	Time _____				
NI/NG		920		Engine/s Rinsed & Dried					
Torque		80		Signature <i>[Signature]</i>					
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
<p>1) 10-11-17 ACT: 6015:41</p> <p>2) Upper Landing Light Insp. <i>[Signature]</i> RRP 3681551</p> <p>3) CEB 72-6085 x 3303 2911 <i>[Signature]</i> RRP 3353466</p>									
<p>2) 10/11/17 ACT: 6015:41 Removed upper Landing Light, Installed New Bulb, Function Check good. RRP 'DHT-407-MM-10 Ch 96-305 Rev 45 9 Jan 2017' <i>[Signature]</i> RRP 3681551</p> <p>3) 10-11-17 T 6015:41 COMPHIB WITH RECD RING INSPECTION AND LEAK CHECK OF OUTER COMBUSTION CASE. IAW CEB-72-6085 VISUAL INSPECTION AND LEAK CHECK OF OUTER COMBUSTION CASE WILDS PART #250-16904 SN# YL(236) FOUND SERVICEABLE <i>[Signature]</i> RRP 3353466. NEXT DUE 6040:41 CEB-72-6085 DATE FEB 2 2017 REV 3</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION <i>HMA</i>		AIRCRAFT MODEL <i>Bell 407</i>		N- <i>451PH</i>		DATE: MO. <i>10</i> DAY <i>11</i> YR. <i>2017</i>		SIGNATURE <i>[Signature]</i> CERTIFICATE NO. <i>A-15702277</i>	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6023:41	J Long 1783		40857	4:20	1	5		8
HOURS FLOWN TODAY	4:20								
TOTAL	6028:01								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		Air Speed	29 120				
EGT/TOT/ITT		664		Decel	Daily Total RIN 8				
NI/NG		933		Time	(Computed From Applicable Model Formulas)				
Torque		80		Engine/s Rinsed & Dried					
ADC Reading				Signature <i>[Signature]</i> 815					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
<p>① 10/13/17 ACFT 407 AIF & 300H TAILBOOM DUE. <i>[Signature]</i> AP3439885</p> <p>② 300H Fuel Filter inspection is due <i>[Signature]</i> AP3439885</p> <p>③ 10-13-17 I certify that aircraft N451PH total time 6028:01 has been inspected and/or work performed in accordance with a PHI Model 407 AIF 300H Fuel Filter inspection. All CCI items have been signed and the aircraft was determined to be in an airworthy condition, no leaks noted. <i>[Signature]</i> AP3439885</p> <p>④ 10-13-17 TT: 6028:01 complied with Recurring insp and leak check of outer combustion case IAW CEB-72-6085 visual insp and leak check of outer combustion case welds P/N: M250-K104 S/N: YL12367 Found serviceable. Next due 6078:01 CEB-72-6085 date Feb 2 2017 Rev 3 <i>[Signature]</i> AP3439885</p> <p>⑤ 10-13-17 I certify that aircraft N451PH total time 6028:01 has been inspected and/or work performed in accordance with PHI Model 407 AIF 150H 250-C47B Eng Insp due <i>[Signature]</i> AP3439885</p> <p>⑥ 10-13-17 I certify that aircraft N451PH total time 6028:01 has been inspected and/or work performed in accordance with PHI Model 407 AIF 50H/30H AIF & 300H TAILBOOM INSPECTION. ALL CCI ITEMS HAVE BEEN SIGNED AND THE ACFT WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> AP3764426</p> <p>⑦ 10/13/17 A/CTI 6028:01 complied with Tailboom Torque check as required. no movement was noted. no defects noted. Ref BHT 407 mm ch 53-37 Rev 27 dated 26 feb 2010. <i>[Signature]</i> AP3497764</p> <p>⑧ 10-13-17 A/CTI 6028:01 completed CCI for Tailboom Torque check. All work was performed satisfactory. no defects noted <i>[Signature]</i> AP3439885</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL 407		N-451PH		DATE: MO. 10 DAY 13 YR. 17		SIGNATURE <i>[Signature]</i> AP3156357	

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SUPPLEMENTARY LOG SHEET B

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6028:01	J Long 1783		Genesis	4:21	1	3		8
HOURS FLOWN TODAY	4:21								
TOTAL	6032:22								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude	500			Air Speed	Daily Total RIN 8				
EGT/TOT/ITT	602			Decel	(Computed From Applicable Model Formulas)				
NI/NG	970			Time					
Torque					Engine/s Rinsed & Dried				
ADC Reading					Signature OOT 18/10				
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
Note: 10-14-17 A/C TT 6032:22									
2) 18 month Apical float exchange due. inspection Jordan 4P3497764									
3) 18 month Apical float exchange due. Jordan 4P3497764									
4) CCI is required for the work performed in item number 3, install of L/H and R/H floats. Jordan 4P3497764									
2) 10/14/17 A/C TT 6032:22 Removed LH fuel float p/n 614.570176									
2) 10/14/17 A/C TT 6032:22 I certify that aircraft N 451PH total time 6032:22 has been inspected and/or work performed in accordance with a PHI model 407 A/E P 18m Apical float inspection. All CCI items have been signed and the aircraft was determined to be in an airworthy condition. Jordan 4P3497764									
3) 10/14/17 A/C TT 6032:22 See Supplementary log sheet A for replacement of L/H and R/H floats. Ref Dart Aerospace ch 6.4 Doc # ICAPHI-1 Rev AE. 11/19/14 Jordan 4P3497764									
4) 10/14/17 TT 6032:22 Complied with all inspection of work performed in item #3. All work found to be satisfactory. 4P3583255									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL Bell 407		N-451PH		DATE: MO. 10 DAY 14 YR. 17		SIGNATURE Cameron McCreath	
								CERTIFICATE NO. 4P3622784	

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PETROLEUM HELICOPTERS, INC.

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SUPPLEMENTARY LOG SHEET A[illegible]

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS			
TOTAL HRS. TO DATE	6032:22	JD Long	1783	Genesis	5:16	1	4		12			
HOURS FLOWN TODAY	5:16											
TOTAL	6037:38											
ENGINE POWER CHECK												
#1		#2		OAT	Low Lifts _____ High Lifts _____							
Altitude		500		Air Speed	120							
EGT/TOT/ITT		662		Decel Time	Daily Total RIN 12							
NI/NG		973		(Computed From Applicable Model Formulas)								
Torque		80		Engine/s Rinsed & Dried								
ADC Reading				Signature <i>[Signature]</i> 1700								
ITEMS REQUIRING DAILY COMPLIANCE												
DISCREPANCIES OR OTHER COMMENTS												
MAINTENANCE PERFORMED												
<p>1) Note: 10-15-17 ACFT 6037:38</p> <p>2) ELT Monthly Functional CK. 2) Complied with Monthly ELT Functional Check IAW GMM-2, Ch. 2, 2-10 & Ch. 10 Section 3. No Defects Noted.</p> <p>3) FEB-72-6035 3 Due at this time. Cameron McCarty AP3672784</p> <p>4) 10/15/17 ACFT 6037:38 Cameron McCarty AP3672784</p> <p>5) 10/15/17 ACFT 6037:38 Complied with Perwing insp and leak check of outers combustion case IAW FEB-72-6035 visually inspect and leak check of outers combustion case welds this M250-16404 SN: YL 12307. No Defects noted Next due at ACFT 6062:38 Dated Feb. 2, 2017 Rev. 3. Cameron McCarty AP3672784</p>												
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.												
STATION	HMA	AIRCRAFT MODEL	407	N-	451 AH	DATE:	MO.	10	DAY	15	YR.	12

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6039:17	D Long 1783		Genes	4:20	1	4		10
HOURS FLOWN TODAY	4:00								
TOTAL	6043:17								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		23	Daily Total RIN 10				
EGT/TOT/ITT		647		Air Speed	(Computed From Applicable Model Formulas)				
NI/NG		963		Decel					
Torque		80		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>[Signature]</i> 1730					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
<i>[Handwritten notes and signatures]</i>									
STATION HMA		AIRCRAFT MODEL 407		N- 45IPH		DATE: MO. 10 DAY 17 YR. 17		SIGNATURE <i>[Signature]</i>	
								CERTIFICATE NO. <i>[Handwritten]</i>	

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6043:17	PAULSON 2796	Caenosis	6:03	1	4		11
HOURS FLOWN TODAY	6:03							
TOTAL	6049:20							
ENGINE POWER CHECK								
#1		#2	OAT 21	Low Lifts _____ High Lifts _____				
Altitude	500		Air Speed 121	Daily Total RIN 11				
EGT/TOT/ITT	650		Decel	(Computed From Applicable Model Formulas)				
NI/NG	96.4		Time					
Torque	80			Engine/s Rinsed & Dried				
ADC Reading				Signature <i>N/A due to maintenance - Paulson</i>				
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED				
① No defects noted 18 Oct 2017 ACTT: 6049:20 Paulson ATP 2802159								
② 300H/12M Hydraulic Insp due — <i>A+P3439885</i>				② 10/18/17 ACTT: 6049:20 I certify that aircraft N451PH total time: 6049:20 has been inspected and/or work performed in accordance with a PHI Model 407 AAIP 300H/12M Hydraulic Inspection. All CCI items have been signed and the aircraft was determined to be in an airworthy condition. <i>A+P3439885</i> Leak checked good, no leak noted. <i>A+P3439885</i>				
③ 300H/12M Transmission oil Insp due — <i>A+P3439885</i>				③ 10/18/17 I certify that aircraft N451PH, total time 6049:20 has been inspected and/or work performed in accordance with a PHI Model 407 AAIP 300H/12M Transmission oil Inspection. All CCI items have been signed and the aircraft was determined to be in an airworthy condition. Leak checked good, no leaks noted. <i>A+P3772448</i>				
④ HMU 23078031 Replacement Due at this time. <i>Cameron McCarty ATP 3672784</i>				④ 10/19/17 ACTT: 6049:20 Removal Unserviceable HMU P/N: 23078029, S/N: JGAL M0343 and Installed Serviceable HMU. P/N: 23078029, S/N: JGAL M0144. IAW Rolls Royce M253-C47B Model 73-2101 Rev. 20 Dated 9/1/17. No Defects Noted. Groundswell leak checked good. <i>Cameron McCarty ATP 3672784</i>				
⑤ CCI is Required for Installation of HMU. <i>Cameron McCarty ATP 3672784</i>				⑤ 10/18/17 ACTT: 6049:20 Complied with CCI for installation of the HMU and found work acceptable. <i>Dany Wille ATP 366827</i>				
⑥ CB-72-6085 is Due at this time. <i>Cameron McCarty ATP 3672784</i>				⑥ 10/18/17 ACTT: 6049:20 Complied with recurring inspection and leak check of outer combustion case IAW CB-72-6085. Visually inspected leak check of outer combustion case. No leaks. P/N: M250-16401 S/N: VL0367 No Defects Noted Next due at ACTT 6074:20 Rev. 3 Dated Feb. 2, 2017. <i>Cameron McCarty ATP 3672784</i>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION 1A/MA		AIRCRAFT MODEL Bell 407	N- 451PH		DATE: MO. 10		DAY 18	YR. 2017

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6067:33	Paulson 2796		Genesys	2:50	1	3		5
HOURS FLOWN TODAY	2:50								
TOTAL	6067:43								
ENGINE POWER CHECK									
#1		#2		OAT 118		Low Lifts _____ High Lifts _____			
Altitude 500				Air Speed 118		Daily Total RIN 5			
EGT/TOT/ITT 653				Decel Time _____		(Computed From Applicable Model Formulas)			
NI/NG 96.1				Engine/s Rinsed & Dried					
Torque 80				Signature Paulson 14:50 24 Oct 17					
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
1) After shutdown, during inclement weather, high winds caused aircraft to weather-vane approx 90° into the wind. Olathe AIP3018411					1) Thoroughly inspected the following areas, per Bell PDE Light instructions: M/R Hub Assy, Upper and Lower Flapping Stops, Elastomeric bearings, M/R Blades, T/R Blades Assy, Flapping Stops, Horizontal Stabilizer and Rinkets, Vertical Fin and attachment points, Landing Gear spread, Tailboom skin and attachment points, All cowlings and associated parts. Find No defects noted. Performed Tailboom waviness check, IAW BHT-407-MM-3, para 33-31, Rev 43, dtd 9 Jan 2017. No defects noted. All measurements found within limits. Performed 10min Ground Run @ 100%. No defects noted. 19 Oct 2017 ACT 6067:33 Olathe AIP3018411				
2) Operational Chk Flight required for post incident inspection. Olathe AIP3018411					2) operational / check flight performed 24 Oct 2017 AIP 6065:01 and returned to service Paul Paulson ATP 2862159				
3) No defects noted 24 Oct 2017 AIP 6067:43 Paulson ATP 2862159									
4) PHI MODEL 407 JOH / 3m AIF DUE. Tony Guzman AP 3766426					4) 10/24/2017 I CERTIFY THAT ACFT N451PH T.T. 6067:43 HAS BEEN INSPECTED AND OR WORK PERFORMED IN ACCORDANCE WITH PHI MODEL 407 ASEP JOH/3m AIF INSP. ALL COT ITEMS HAVE BEEN SIGNED AND THE ACFT WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Chk flight AIP2826697				
5) PHI MODEL 407 150HR T/R DIS DUE. Tony Guzman AP 3766426					5) 10/24/2017 I CERTIFY THAT ACFT N451PH T.T. 6067:43 HAS BEEN INSPECTED AND OR WORK PERFORMED IN ACCORDANCE WITH PHI MODEL 407 ASEP 150HR T/R DIS INSP. ALL COT ITEMS HAVE BEEN SIGNED AND THE ACFT WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. AIP 434418999				
* SEE SUPPLEMENT *									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
SIGNATURE Paulson									
CERTIFICATE NO. ATP 282159									
STATION VR 371	AIRCRAFT MODEL PH 407	N-451PH		DATE: MO. 10	DAY 24	YR. 17			

CERTIFICATE NO.

DATE:

MO

DAY

25

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ENGINEERING
REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING
REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6074:12	J Long 1783	HHS	252	1	5		7
HOURS FLOWN TODAY	21.52							
TOTAL	6077:04							
ENGINE POWER CHECK								
#1		#2	OAT 23	Low Lifts		High Lifts		
Altitude	500		Air Speed 126	Daily Total RIN 7		(Computed From Applicable Model Formulas)		
EGT/TOT/ITT	652		Decel					
NI/NG	96.2		Time					
Torque	85		Engine/s Rinsed & Dried					
ADC Reading			Signature <i>[Signature]</i> 16/08					
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS								
MAINTENANCE PERFORMED								
<p>1) A/CPT is limited to 18:31 FTHRS time due to #1, 2, 3 and 4 TIR DIS Coupling TR CK due NOBODY thru A/CPT 6077:04 <i>[Signature]</i> AP 2417363</p> <p>2) No defects noted 10-26-17 A/CPT TIR 6077:04 <i>[Signature]</i> AP 2417363</p> <p>3) A/CFT Total time and status report require update <i>[Signature]</i> AP 3390421 / 10/26/17</p> <p>4) 100 Hour AA Radar Altimeter Maint Inspection Due Soon 10-26-17 <i>[Signature]</i> AP 2417363</p> <p>5) 25 Hour Recurring CEBA-T6-6085 Inspection and Leak Check of Engine and Combustion Case Due Soon 10-26-2017 <i>[Signature]</i> AP 2417363</p> <p>6) 100 Hour Main Rotor Yoke Inspection Due Soon 10-26-2017 <i>[Signature]</i> AP 2417363</p> <p>7) 100 Hour Recurring Norm Flight Data Systems Inspection Due Soon 10-26-2017 <i>[Signature]</i> AP 2417363</p>								
<p>1) Carried Forward To Tomorrow's Engineering Sheet 10-26-17 Aircraft Total Time 6077:04 <i>[Signature]</i> AP 2417363</p> <p>AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 10-26-17. AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE) T.T. 6077:04 PER STATUS REPORT UP DATE THROUGH 10-26-2017 MECHANIC & A&P# <i>[Signature]</i> AP 3390421</p> <p>4) Complied with Recurring 100 Hour Inspection of Radar Altimeter Maint Per AA Report AA-TBA-16-008 (Rev B 12-6-12) No problems noted at this Aircraft Total Time 6077:04 10-26-2017 <i>[Signature]</i> AP 2417363</p> <p>5) Complied with 25 Hour Recurring Inspection and Leak Check of Engine and Combustion Case Per CEBA-T6-6085 Rev 3 Dated 2-2-17. No problems noted at this Aircraft Total Time 6077:04 10-26-2017 <i>[Signature]</i> AP 2417363</p> <p>6) Complied with a 100 Hour Recurring Main Rotor Yoke Inspection Per Bell BHT-40T-MM-1 Maintenance Manual Ch 4, Fig 4-2, Rev 45 (1-9-17) No problems noted at this Aircraft Total Time 6077:04 10-26-2017 <i>[Signature]</i> AP 2417363</p> <p>7) I certify that Aircraft N451PH Total Time 6077:04 has been Inspected and/or work performed in accordance with a PHI Model CTAIP 100AR/12MO North FDS Inspection and The Aircraft was determined to be in Airworthy Condition <i>[Signature]</i> AP 2417363</p>								
LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
SIGNATURE <i>[Signature]</i> CERTIFICATE NO. <i>[Signature]</i>								
STATION	5532A	AIRCRAFT MODEL	BH-40	N-451PH	DATE:	MO. 10	DAY 26	YR. 17

DATE: MO. 10 DAY 28 YR. 17



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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6081:59	JOLong	1783	GENEX	2:30	1	5		8
HOURS FLOWN TODAY	2:30								
TOTAL	6083:29								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		Air Speed	Daily Total RIN 8				
EGT/TOT/ITT		131		Decel	(Computed From Applicable Model Formulas)				
NI/NG		95.3		Time	Engine/s Rinsed & Dried				
Torque		80		Signature 					
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
<p>① 10-29-17, TT 6084:29 - C/LN #1, 2, 3+4 T/R D/SHAFT COUPLINGS HARDWARE TORQUE CHECK - NO DISCREPANCIES NOTED.</p> <p>② 10-29-17, TT 6084:29 - REMOVED AND REPLACED POSITION LIGHT ON PORTSIDE WINGLET. OPS CHECKED GOOD.</p>					<p>John L. Payne AP 425310022</p> <p>John L. Payne AP 425310022</p>				
<p>① 10-29-17, TT 6084:29 - C/LN #1, 2, 3+4 T/R D/SHAFT COUPLINGS HARDWARE TORQUE CHECK - NO DISCREPANCIES NOTED.</p> <p>② 10-29-17, TT 6084:29 - REMOVED AND REPLACED POSITION LIGHT ON PORTSIDE WINGLET. OPS CHECKED GOOD.</p>					<p>John L. Payne AP 425310022</p> <p>John L. Payne AP 425310022</p>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION	5832A	AIRCRAFT MODEL	BH407	N-451A	DATE:	MO.	DAY	29	YR.
					SIGNATURE  CERTIFICATE NO. 617285740				

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER		TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6084:29	JT Long	173	44855		9	9	9		9
HOURS FLOWN TODAY	0									
TOTAL	6084:29									
ENGINE POWER CHECK										
#1		#2		OAT		Low Lifts High Lifts				
Altitude				Air Speed		Daily Total RIN 9				
EGT/TOT/ITT				Decel		(Computed From Applicable Model Formulas)				
NI/NG				Time		Engine/s Rinsed & Dried				
Torque						Signature Phuggad				
ADC Reading										
ITEMS REQUIRING DAILY COMPLIANCE										
DISCREPANCIES OR OTHER COMMENTS						MAINTENANCE PERFORMED				
① No defects noted 10-30-17 ACFT TT 6084:29 JTS CH 2825740										
② Comply with CEB-A-72-6085 (OUTER COMBUSTION CASE) JTS AP3055741						② 30 OCT 2017 TT: 6084:29 COMPLIANCE WITH CEB-A-72-6085 BY VISUAL INSPECTION AND USING LEAK-TEK AS PRESCRIBED IN PART THE CTS DATED 2/2/2017 REV 3 FOR COMBUSTION CASE P/N M750-10404 SN YL12367. NO DEFECTS NOTED. NEXT COMPLIANCE DUE 6109:29 ACFT TOTAL TIME JTS AP3055741				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.						SIGNATURE John L. Payne CERTIFICATE NO. AP425310022				
STATION	HMA	AIRCRAFT MODEL	407	N-	451PH	DATE:	MO. 10	DAY 30	YR. 17	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6084:29	J. Long 1783		GENOS.5	3:47	1	3		9
HOURS FLOWN TODAY	3:47								
TOTAL	6088:16								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		24	Daily Total RIN 9				
EGT/TOT/ITT		480		Air Speed	(Computed From Applicable Model Formulas)				
NI/NG		166		Decel					
Torque		80		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>[Signature]</i> 1495					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
1) Transferred all times and hardcover write-ups (to new from old) log book. John R. Payne AP425310022				1) Transferred all times and hardcover write-ups (to new from old) log book. 11-1-2017, ACFT.TT.6084:29 John R. Payne AP425310022					
2) L/F DOOR From Rubber moldings on bottom needs Resin John R. Payne AP 2825790				2) 11-1-17 ACFT Time 6088:16 Reglued loose RUBBER WITH CONTACT Adhesive AS Required Mike HUSKEY AP 2825691					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL 407		N- 451PH		DATE: MO. 11 DAY 1 YR. 17		SIGNATURE <i>[Signature]</i> CERTIFICATE NO. AP 425310022	

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS		TAKE OFFS
							#1	#2	
TOTAL HRS. TO DATE		6088:16		Paulson 2796	Genesis	3:40	1	3	4
HOURS FLOWN TODAY		3:40							
TOTAL		6091:56							
ENGINE POWER CHECK									
#1		#2		OAT	26	Low Lifts	High Lifts		
Altitude		SW		Air Speed	120	Daily Total RIN	4		
EGT/TOT/ITT		663		Decel	Time	(Computed From Applicable Model Formulas)			
NI/NG		96.9				Engine/s Rinsed & Dried			
Torque		80				Signature			
ADC Reading						No adequate facilities			
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION		Hawma		AIRCRAFT MODEL		407		N- 451PH	
DATE:		MO. 11		DAY		2		YR. 17	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6094:40	PAULSON 2796	Gonesis	4:35	1	3		9
HOURS FLOWN TODAY	4:35							
TOTAL	6099:15							
ENGINE POWER CHECK								
#1		#2	OAT	Low Lifts		High Lifts		
Altitude	500		26					
EGT/TOT/ITT	662		Air Speed	Daily Total RIN		9		
NI/NG	96.8		123	(Computed From Applicable Model Formulas)				
Torque	80		Decel Time	Engine/s Rinsed & Dried				
ADC Reading				Signature Paulson 16:45 4 Nov 17				
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED				
<p>① No defects noted 4 Nov 17 Aircraft 6099:15 Paulson ATP 2862159</p> <p>② Acft total time and status report require updating RAT 2862159</p> <p>3) Comply with CEB-72-6085 25HR. Recurring Inspection 11-4-17 (2) Z. Yeh-T RAT 2827525</p>				<p>② 11/4/17 Acft. TT. 6099:15 AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 11/4/17 AIRCRAFT TOTAL TIME (INCLUDING ANY CORRECTION AND UP-DATE) TT 6099:15 PER STATUS REPORT UP DATE THROUGH 11/4/17 MECHANIC & A&P# RAT 2862159</p> <p>3) 11-4-17 TT-6099:15 Complied with 25 hr. Recurring Inspection & Leak Tech of Outer Combustion Case PIN M250-10404 SN YL12367 I.A.W CEB-72-6085 Rev.3. dated 2-2-17. No defects noted. Next due on or before Acft TT-6124:15. (2) Z. Yeh-T RAT 2827525</p>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION 55332		AIRCRAFT MODEL BR-407	N-451PH	DATE: MO. 11		DAY 4		YR. 17

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6099:15	Purdon 2796	General	3:41	1	2		6
HOURS FLOWN TODAY	3:41							
TOTAL	6102:56							
ENGINE POWER CHECK								
#1		#2	OAT 26	Low Lifts		High Lifts		
Altitude	500		Air Speed 121	Daily Total RIN 6		(Computed From Applicable Model Formulas)		
EGT/TOT/ITT	660		Decel					
NI/NG	76.8		Time					
Torque	80			Engine/s Rinsed & Dried				
ADC Reading				Signature 6/10/17 1715 Paul Purdon				
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED				
① No defects noted 6/10/17 Ref T. 6102:56 before AP2843101								
② C/W SOH/3m A/F INSPECTION. Sherry 6/11/17 AP2843101				② I CERTIFY THAT N451PH, TOTAL TIME 6102:56, HAS BEEN INSPECTED AND/OR WORK PERFORMED IN A PHI MODEL 407 A/F SOH 3m A/F INSPECTION. ALL COT ITEMS HAVE BEEN INSPECTED AND/OR WORK SIGNED, AND THE AIRCRAFT WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. 11-6-17 William Purdon AP3643146				
③ C/W PRT-170508-407 T/A BLADE REC. W. Purdon AP3643146				③ 11-6-17 TT. 6102:56 COMPLETED WITH SOH RECURRING INSPECTION OF T/A BLADE TIP BLOCK FOR VOIDS OR INDICATIONS OF DISBOND USING STEEL TAP HAMMER. NO DEFECTS NOTED. REF PRT-170508-407 T/A BLADE REC. NEXT DUE IN SOHs AT 6152:56 AFT TOTAL TIME. William Purdon AP3643146				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION	HMA	AIRCRAFT MODEL	407	N-451PH	DATE:	MO.	DAY	YR.
					SIGNATURE	AP3643146		
					CERTIFICATE NO.	4434814994		

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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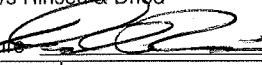

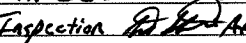
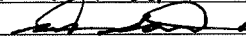
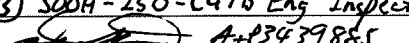

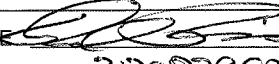
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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6111:43	Del Richardson 5746	GEN31	2:20	1	24		6
HOURS FLOWN TODAY	2:20							
TOTAL	6114:03							
ENGINE POWER CHECK								
#1		#2	OAT 23	Low Lifts _____ High Lifts _____				
Altitude	300		Air Speed 120	Daily Total RIN 6				
EGT/TOT/ITT	646		Decel _____	(Computed From Applicable Model Formulas)				
NI/NG	95.7		Time _____					
Torque	77			Engine/s Rinsed & Dried				
ADC Reading				Signature  3130879CP				
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED				
① NO DEFECTS NOTED 11-11-17 TT 6114:03  3130879CP								
② comply with CEB-72-6085 25HR Recurring Inspection  A-P3439885				② 11-11-2017 TT: 6114:03 Complied with 25HR Recurring Inspection + leak check of outer Combustion case P/N: M250-10404 S/N: YL12367 IAW CEB-72-6085 Rev 3 dated 2-2-17. No defects or leaks noted. Next due on or before Actx TT: 6139:03  A-P3439885				
③ 300H-250-C47B Eng Inspection due.  A-P3439885				③ 11-11-2017 I certify that aircraft N451PH total time: 6114:03, has been inspected and/or work performed in accordance with PHI Model 407 AATP 300H 250-C47B Eng Inspection. All CCI items have been signed, and the aircraft was determined to be in an airworthy condition. Leak checked good no leaks noted.  A-P3439885				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE  CERTIFICATE NO. 3130879CP				
STATION	SS332	AIRCRAFT MODEL	407	N-451PH	DATE:	MO. 11	DAY 11	YR. 17

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6132:55	PARSON 2796	Genes.3	3:17	1	3		8
HOURS FLOWN TODAY	3:17							
TOTAL	6136:12							
ENGINE POWER CHECK								
#1	#2	OAT	Low Lifts _____ High Lifts _____					
Altitude	500	27	Daily Total RIN 8					
EGT/TOT/ITT	669	Air Speed	(Computed From Applicable Model Formulas)					
NI/NG	77.0	Decel						
Torque	80	Time						
ADC Reading			Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE			Signature Paul Parson 18 NOV 17 16:20					
DISCREPANCIES OR OTHER COMMENTS			MAINTENANCE PERFORMED					
1) Rear passenger headset inoperative Act: 6136:12 Paul Parson A/P 2826697			1) 11/18/17 T/F 6136:12 found ICS Control to headset in rear cabin head removed ICS Control installed serviceable ICS Control rear headset functions properly. Clint Zylke A/P 2826697					
2) Supplied number model Acft total time and status								
2. Acft total time and status report require updating Clint Zylke A/P 2826697			2.1 AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 11/18/17. AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE, T.T. 6136:12 PER STATUS REPORT UP DATE THROUGH 11/25/17 MECHANIC & A&P# Clint Zylke A/P 2826697					
3) 50413M AIF Insp. Clint Zylke A/P 2826697			3) 11/18/17 I Certify that aircraft N 431PH Total time 6136:12 has been inspected & 100% work performed in accordance with 9 PHI model AIF 50413M AIF inspection. All CCI items have been signed, & the aircraft was determined to be in the airworthy condition next due 6186:12 Clint Zylke A/P 2826697					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION 553320		AIRCRAFT MODEL PH 407		N- 451PH		DATE: MO. 11		DAY 18
						YR. 17		

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6138:15	PAULSON 2796	Genesis	2:47	1	4		6
HOURS FLOWN TODAY	2:47							
TOTAL	6141:02							
ENGINE POWER CHECK								
#1		#2	OAT 21	Low Lifts		High Lifts		
Altitude	520		Air Speed 120	Daily Total RIN 6				
EGT/TOT/ITT	649		Decel	(Computed From Applicable Model Formulas)				
NI/NG	75.9		Time					
Torque	80			Engine/s Rinsed & Dried				
ADC Reading				Signature Paulson 1700 20 Dec 17				
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED				
① No defects noted 20 Nov 17 At T 6141:02 Paulson ATP 2862159								
2) Engine Oil Level is low 11/20/17 L. Y. G. G. G. ATP 2827525				2) 20 Nov 17 TT: 6141:02 Serviced Engine Oil Level to Proper Level using 1qt Aeroshell 550. Secured Eng. Oil Tank Cap as required. L. Y. G. G. G. ATP 2827525				
③ 12M Servo Actuator Inspection due on 4 each P/N: 206-076-062-105V S/N: HR1450, HR3827 HR3829, HR853 is due - ATP 2843101 -				③ 11-20-17 TT: 6141:02 complied with 12M Servo Actuator Inspection on Servo Actuator P/N: 206-076-062-105V 4 each S/N: HR1450, HR3827 HR3829, HR853 no defects noted Ref: BHT-407-MM-4 chap 29-00-00 par 29-66 pg 55 Rev 45 dated Jan 9 2017 ATP 3439885				
④ 1 year Mast Pole Insp due ATP 3439885				④ 11-20-17 TT: 6141:02 Complied with 1 year mast pole inspection P/N: 407-040-038-123 S/N: N1207 in Ref with BHT-407-MM-F par 5-22 chap 63 No defects noted Rev 45 dated Jan 9 2017 ATP 3439885				
⑤ CCI Required for 12M Servo Actuator Insp and 1 year Mast Pole Insp ATP 3439885				⑤ 20 Nov 17 TT: 6141:02 Complied with CCI requirements for 12mth Servo/1yr Mast Pole inspection. No defects noted this Date. L. Y. G. G. G. ATP 2827525				
⑥ 12M A/F Inspection due ATP 3439885				⑥ I certify that aircraft N451PH, to full time 6141:02 has been inspected and/or work performed in accordance with PHI model 407 ATP 12 mth. A/F inspection and all CCI items have been signed and the aircraft is deemed to be in airworthy condition. A/C Ground Run and Leak Checked. L. Y. G. G. G. ATP 2827525				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION 55332B			AIRCRAFT MODEL BH407		N-451PH		DATE: MO. 11 DAY 20 YR. 17	
SIGNATURE Paulson			CERTIFICATE NO. ATP 2862159					

ENGINEERING REPORT

PHI, INC.
P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6141:02	Purson 2716		Leavis	4:03	1	4		5
HOURS FLOWN TODAY	4:03								
TOTAL	6145:05								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts		High Lifts		
Altitude	500			24					
EGT/TOT/ITT	658			Air Speed	Daily Total RIN		5		
NI/NG	76.6			Decel	(Computed From Applicable Model Formulas)				
Torque	80			Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>Purson</i> 21 Nov 17 16:00					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
<p>① Aircraft is limited to 5 hrs. flight time due to M/R Mast Nut Torque check due at acft. TT 6146:02 Mech <i>[Signature]</i> A&P # A-P3439885</p>				<p>① 11-21-17 TT: 6145:05 complied with M/R Mast Nut torque check as per BHT-407-MA-1 Chap 5-25 Table 5-3 Rev 45 Jan 9/17 Torque check failed. Requires new L-SHR Torque check no later than TT: 6150:05 Movement noted. <i>[Signature]</i> A-P3439885</p>					
<p>2) Request Function Check of all Communication Equip. for 12 mth inspection. 11-21-17 <i>[Signature]</i> R. J. Helms A&P 2827525.</p>				<p>Complied with maintenance compliance check for all communication equipment. Rechecked ATP 2862159 Rept TT 6141:02</p>					
<p>③ Radios made switch Auto Light turned out. Numpy Light OK Rept TT: 6145:05 <i>[Signature]</i> ATP 2862159</p>				<p>③ 11-21-17 TT: 6145:05 Replaced unserviceable bulbs in the Radios made switch with serviceable bulbs. ops check is good. no defects noted <i>[Signature]</i> A-P3439885</p>					
<p>④ CEB-72-6085 + 3303 is due <i>[Signature]</i> A-P3439885</p>				<p>④ 11-21-17 TT: 6145:05 Complied with recurring visual inspection and leak check of outer combustion case welds IAW CEB-72-6085 + 3303 Rev 3 Feb 2 2017 Case P/N: M250-10404 S/N YL12367 next due 6170:05 No defects or leaks noted. <i>[Signature]</i> A-P3439885</p>					
<p>⑤ CCI Required for M/R Mast Nut Torque check. <i>[Signature]</i> A-P3439885</p>				<p>⑤ 11/21/17 TT: 6145:05 complied with CCI of M/R mast nut safety, no defects. Donald R. Helms A-P 3583064</p>					
<p>DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.</p>									
STATION <i>Hmn</i>		AIRCRAFT MODEL <i>407</i>		N- <i>451PH</i>		DATE: MO. <i>11</i>		DAY <i>21</i> YR. <i>17</i>	

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PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6145:05	J. Long 1783		Genoss	5238	1	3		2
HOURS FLOWN TODAY	5:39								
TOTAL	6150:44								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts		High Lifts		
Altitude		500		Air Speed	27		Daily Total RIN 8		
EGT/TOT/ITT		643		Decel	(Computed From Applicable Model Formulas)				
NI/NG		80		Time					
Torque				Engine/s Rinsed & Dried					
ADC Reading				Signature <i>[Signature]</i>					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
<p>① Aircraft is limited to <u>5</u> hrs. flight time due to <u>M/R Mast Nut TQ CHK</u> due at acft. T.T. <u>6150:05</u> Mech <u>[Signature]</u> A&P # <u>AIP3439885</u></p>									
MAINTENANCE PERFORMED									
<p>1) 11/22/17 ACT 6148:29 completed with M/R mast TQ CHK Item #2 BHT-407 MM-7 ch 62 per 62-64 Rev 4.5 dated 9 Jan 17 no movement noted <u>[Signature]</u> AIP3018411</p>									
<p>2) 11/22/17 ACT 6148:29 completed with C/E for M/R mast nut TQ chx Item #2 no defects noted <u>[Signature]</u> AIP352812</p>									
<p>3) 11/22/17 ACT-IT. 6150:44 Removed Burnt Bulbs and installed serviceable bulbs in pedal stop switch. Functional Checked OK. <u>[Signature]</u> AIP34414999</p>									
<p>③ Pedal stop PTT "Engage" light <u>[Signature]</u> CHI 2825740</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION		AIRCRAFT MODEL		DATE		MO.		DAY	
HMA		407		11		22		YR. 17	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6150:44	JD Long 1783		GEMES	01/19	1	1		1
HOURS FLOWN TODAY	01:19								
TOTAL	6151:03								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude				Air Speed	Daily Total RIN <u>1</u>				
EGT/TOT/ITT				Decel	(Computed From Applicable Model Formulas)				
NI/NG				Time	Engine/s Rinsed & Dried				
Torque					Signature <u>DMD</u>				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
MAINTENANCE PERFORMED									
<p>① 11-23-17, A. P. J. J. 6151:03. g. O. 11-23-17</p> <p>② Acft total time and status report require updating</p> <p>R. D. J. - AP 3390421</p>									
<p>② AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE <u>11-23-17</u>. AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE, T.T. <u>6151:03</u> PER STATUS REPORT UP DATE THROUGH <u>11-23-17</u> MECHANIC & A&P# <u>R. D. J. - AP 3390421</u></p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION <u>HMA</u>		AIRCRAFT MODEL <u>407</u>		N- <u>451PH</u>		DATE: MO. <u>11</u> DAY <u>23</u> YR. <u>17</u>		SIGNATURE <u>R. D. J. - AP 3390421</u>	
								CERTIFICATE NO. <u>434414998</u>	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6151:03	J Long 1783		Genesis	4:21	1	3		6
HOURS FLOWN TODAY	4:21								
TOTAL	6155:24								
ENGINE POWER CHECK									
#1		#2		OAT 12	Low Lifts		High Lifts		
Altitude	500			Air Speed 121	Daily Total RIN 6				
EGT/TOT/ITT	146			Decel Time	(Computed From Applicable Model Formulas)				
NI/NG	9.6								
Torque	80				Engine/s Rinsed & Dried				
ADC Reading					Signature <i>go</i> <i>196P</i>				
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
<p>01/24/17 11:24-17. ACTT 6155:24 605:24 <i>CHI 285110</i></p>									
<p>① 600H 12m Engine oil 300H 3/m A/F inspection. 100H 1/2m NODM F.D.S. dec. Notes <i>27</i> 11/3054199</p>				<p>① I certify that Aircraft N 451PH IT 6155:24 has been inspected and/or work performed in accordance with a PHI model 407/100/12m NODM F.D.S., 300H/3m A/F, 600H/12m Engine oil inspection, and the A/C was determined to be in an airworthy condition. No leaks noted. 11-24-17 Notes <i>27</i> 11/3054199</p>					
<p>② CEB-72-6085 dec. Notes <i>27</i> 11/3054199</p>				<p>② 11-24-17 ACTT 6155:24 Complied with 25H Rebuilding inspection & leak tech of outer combustion case PIN 11250-10404 SIN Y48367 DAV CEB-72-6085 Rev 3 dated 2-2-17. No defects noted next due at or before ACTT 6180:24 No defects noted. Notes <i>27</i> 11/3054199</p>					
<p>③ Radar AIT MT/100H 2asp dec. Notes <i>27</i> 11/3054199</p>				<p>③ 11-24-17 ACTT 6155:24 Complied with 100H Radar AIT MT inspection AA Report AA TBA-116-008 (Rev B 12-6-12) No defects noted at this time. <i>27</i> 11/3054199</p>					
<p>④ 100 M/R Valve inspection dec. Notes <i>27</i> 11/3054199</p>				<p>④ 11-24-17 TT 6155:24 Complied with 100H Main Rebuilding Main Rotor Valve inspection as per Bell BHT-401 M-1 Maintenance manual ch 4 Fig 4-2 Rev 45 C1-9-17) No problems noted at this time. Next due at ACTT 6255:24 <i>27</i> 11/3054199</p>					
<p>DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.</p>									
STATION <i>Harma</i>		AIRCRAFT MODEL <i>407</i>		N- <i>451PH</i>		DATE: MO. <i>11</i> DAY <i>24</i> YR <i>17</i>		SIGNATURE <i>Matthew Strim</i> CERTIFICATE NO. <i>AP 2417363</i>	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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PHI, INC.

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6155:24	J Wilson 5603		Genesis	0		0		0
HOURS FLOWN TODAY	0								
TOTAL	6155:24								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude				Air Speed	Daily Total RIN _____				
EGT/TOT/ITT				Decel Time	(Computed From Applicable Model Formulas)				
NI/NG					Engine/s Rinsed & Dried				
Torque					Signature <u>Plugged 1600</u>				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
1) No defects noted. 11/26/17. ACFT TT: 6155:24. <u>AP3156357</u>									
2) 150H 250C47B Eng Inspection and <u>AP3156357</u>					2) 11-26-17 I certify that aircraft N451PH N451PH, TT 6155:24 has been inspected and/or work performed in accordance with a PHI model 407AIP 150H 250C47B Eng Inspection. All CCI items have been signed and the aircraft was determined to be in an airworthy condition ground run leak check good. <u>AP3156357</u>				
3) on inspection found spark igniter worn out. limits. Removed <u>AP3054199</u>					3) 11-26-17 ACFT 6155:24 Removed old igniter, pin CH 34187A. I installed Serviceable Igniter, pin CH 34187A as Rolls Royce M1 74-20-01 page 201 Rev 20 Date 9-1-2017 Rolls Royce noted no leaks. Removed <u>AP3054199</u>				
4) CCI Required for replacing spark igniter Removed <u>AP3054199</u>					4) 11-26-17 TT 6155:24 Complied with CCI on installation of any one igniter no defects noted. <u>AP3156357</u>				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION <u>HMA</u>		AIRCRAFT MODEL <u>407</u>		N- <u>451PH</u>		DATE: MO. <u>11</u>		DAY <u>26</u> YR. <u>17</u>	

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

Form A-16 L Rev. 9/98

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6164:32	JD Lons 1783	LIEMESS	3:13	1	41		✓
HOURS FLOWN TODAY	3:13							
TOTAL	6164:45							
ENGINE POWER CHECK								
#1		#2	OAT	Low Lifts _____ High Lifts _____				
Altitude	500		25	Daily Total RIN 11				
EGT/TOT/ITT	653		122	(Computed From Applicable Model Formulas)				
NI/NG	966			Engine/s Rinsed & Dried				
Torque	80			Signature <i>[Signature]</i> 1630				
ADC Reading								
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS								
<p>① 11-29-17, TT 6164:45 - COMPLIANCE WITH CEB-A-72-6085 (ZSH) REQUIREMENTS BY VISUAL INSPECTION AND USING LEAK-TEST SOLUTION ON OUTER COMBUSTION CASE P/N 10404 S/A YL12367 1AW ACCOMPLISHMENT INSTRUCTIONS OF CEB-A-72-6085 (REV 3 DATED 2/2/2017). NO DEFECTS NOTED. NEXT COMPLIANCE DUE 6189:45 A/CFT HRS. TSS AP3055741</p>								
MAINTENANCE PERFORMED								
<p>② 11-29-17, TT 6164:45 - SUSPECT OIL SEEPING FROM G/BOX OIL FITTING FOR #1 BEARING OIL TUBE. JOHN R. RAYNE AP 425310022</p>								
<p>③ 11-29-17, TT 6164:45 - REMOVED A/F F/FILTER FROM MOUNT BRACKET TO FACILITATE MAINTENANCE. REMOVED OIL TUBE PN-689 2846 FROM G/BOX FITTING PN M59193-03 AND REMOVED O-RING SEAL. INSTALLED NEW PACKING AS3084-03 ON G/BOX OIL FITTING AND REINSTALLED OIL TUBE AND FITTING. REINSTALLED A/F F/FILTER TO MOUNT BRACKET AND SAFETIED. AIRCRAFT WAS GROUND RUN & LEAK CHECKED WITH NO LEAKS NOTED. REF R2250 C47B 0mm 72-00-00-05, REV 20 DATED 9-1-2017. JOHN R. RAYNE AP 425310022</p>								
<p>④ CCI REQUIRED FOR MAINT ITEM #3 ABOVE OIL FITTING SEAL CHANGE. JOHN R. RAYNE AP 425310022</p>								
<p>④ 11-29-17, TT 6164:45 - C/W CCI OF OIL FITTING SEAL CHANGE REP IN MAINT ITEM #3 AND FOUND TO BE SATISFACTORY. JH [Signature] AP 3360142</p>								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION	53308	AIRCRAFT MODEL	BH-40	N-457PH	SIGNATURE	CERTIFICATE NO. <i>[Signature]</i> 25710		
DATE:	MO. 11	DAY 29	YR. 17					

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6164:45	JD Long 1783	henosis	2:45	1	2		3
HOURS FLOWN TODAY	2:45							
TOTAL	6167:30							
ENGINE POWER CHECK								
#1		#2	OAT	Low Lifts		High Lifts		
Altitude	500		25					
EGT/TOT/ITT	653		Air Speed	Daily Total RIN				
NI/NG	585		123	(Computed From Applicable Model Formulas)				
Torque	80		Decel	Engine/s Rinsed & Dried				
ADC Reading			Time	Signature				
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS			MAINTENANCE PERFORMED					
① No defects at 11/30-17 ACFT AT 6167:30 go to 2825740								
② Transferred all Times and Hand came write ups to New log book - at Ashland - 434414995			② 11/30/17 ACFT AT 6167:30, transferred all Times and Hand came write ups to New log book at Ashland 434414995					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.			SIGNATURE <u>TSS</u> CERTIFICATE NO. <u>AP3055741</u>					
STATION	HMA	AIRCRAFT MODEL	407	N-451PH	DATE:	MO. 11	DAY 30	YR. 17

AIRCRAFT N 451PH

PHI MODEL 407

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NEXT COMPONENT OR INSP. DUE					NEXT COMPONENT OR INSP. DUE				
Component (or insp.)	S/N or Freq	DUE	Date	Initial	Component (or insp.)	S/N or Freq	DUE	Date	Initial
ELT FUNCTION CHECK (Monthly)					POST MAINTENANCE CHECKS/MISC ITEMS				
ELT		12/2011	12/5	llw					
ELT CK		01/2012	C/Fwd		I/O Mast Rot	11-5	6188:24	5/11	SS
					I/O check		6192:24		
					THR DIS Fwd		6211:22	5/22	TT
					AFT. coupling				
					Hardware torque		6226:27		
					check				
POST MAINTENANCE CHECKS/MISC ITEMS									
CEB A 72-6085	25H	6189:45	12/4	DJ					
CEB A 72-6085	25H	6201:25	12/10	llw					
CEB A 72-6085	25H	6212:21	12/13	llw					
CEB A 72-6085	25H	6222:10	12/19	llw					
CEB A 72-6085	25H	6233:52	12/29	llw					
CEB 72-6085	25H	6224:11	12/29	llw					
CEB 72-6085	25H	6249:11	C/Fwd	llw					

Last Revised Date:

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AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6171:15	York, Jon 5100		Gum- 21	NFW		0		0
HOURS FLOWN TODAY	NFW								
TOTAL	6171:15								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts		High Lifts		
Altitude				Air Speed	Daily Total RIN				
EGT/TOT/ITT				Decel	(Computed From Applicable Model Formulas)				
NI/NG				Time	Engine/s Rinsed & Dried				
Torque				Signature <i>fluggel</i>					
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
<i>① No Discrepancies noted</i> <i>ACFT: 6171:15</i> <i>12/21/17</i> <i>Smith</i> <i>CP30738922</i>									
				DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE	
				CERTIFICATE NO.		<i>A23583064</i>			
STATION	HMA	AIRCRAFT MODEL	407	N-	451 PH	DATE:	MO. 12	DAY 2	YR. 17

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TOTAL HRS. TO DATE	6171:15	Yok, Jan		Gen 3i	NFR	1	1		0
HOURS FLOWN TODAY	NFR								
TOTAL	6171:15								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts	High Lifts			
Altitude				Air Speed	Daily Total RIN				
EGT/TOT/ITT				Decel	(Computed From Applicable Model Formulas)				
NI/NG				Time	Engine/s Rinsed & Dried				
Torque					Signature				
ADC Reading					1530				
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE					
				CERTIFICATE NO.					
STATION		AIRCRAFT MODEL		DATE:		MO.		DAY	
HMA		407		12		3		YR. 17	

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PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

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ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6178:35	J. Long 1783		6180-5	2:16	1	1		3
HOURS FLOWN TODAY	2:16								
TOTAL	6180:51								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude				Air Speed	Daily Total RIN 3				
EGT/TOT/ITT				Decel	(Computed From Applicable Model Formulas)				
NI/NG				Time	Engine/s Rinsed & Dried				
Torque				Signature <i>Jo</i> 15/6/6					
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
<p>1) 12/7/17 ACT. T. 6,180:51 Removed Armed/Shutdown button and four unserviceable 6839 bulbs. Installed four serviceable 6839 bulbs and reinstalled button. Operational check complete. No defects noted. Gary Wette ATP3666827</p>					<p>2) AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE <u>12-7-17</u> AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE) T.T. <u>6,180:52</u> PER STATUS REPORT UP DATE THROUGH <u>12-7-17</u> MECHANIC & A&P# <u>R. Duffin AP3390421</u></p>				
<p>2) Acft Total time and status report require update</p> <p>R. Duffin AP3390421</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION <u>HMA</u>		AIRCRAFT MODEL <u>407</u>		N- <u>451PH</u>		DATE: MO. <u>12</u> DAY <u>7</u> YR. <u>17</u>		SIGNATURE <u>Clint Ngicka</u> CERTIFICATE NO. <u>ATP2826697</u>	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS		TAKE OFFS
							#1	#2	
TOTAL HRS. TO DATE	6,180:52	H. J. Long 1783		HERNandez	10	91	01		0
HOURS FLOWN TODAY	01								
TOTAL	6,180:52								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts		High Lifts		
Altitude				Air Speed	Daily Total RIN 0				
EGT/TOT/ITT				Decel	(Computed From Applicable Model Formulas)				
NI/NG				Time	Engine/s Rinsed & Dried				
Torque					Signature <i>Phyllis Freeman</i>				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE <i>Phyllis Freeman</i>					
				CERTIFICATE NO. <i>AP 2417305</i>					
STATION	Moama	AIRCRAFT MODEL	407	N-	451PH	DATE:	MO. 12	DAY 8	YR. 17

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PHI, INC.

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REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6184:19	Yeh, Joel 5100		Genesis	3+05	1	4		4
HOURS FLOWN TODAY	3+05								
TOTAL	6187:24								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts <input checked="" type="checkbox"/> High Lifts <input checked="" type="checkbox"/>				
Altitude				Air Speed	Daily Total RIN 4				
EGT/TOT/ITT				Decel	(Computed From Applicable Model Formulas)				
NI/NG				Time					
Torque				Engine/s Rinsed & Dried					
ADC Reading				Signature <i>[Signature]</i> 15:15					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
① No defects noted 12/10/17 Total 6187:24 <i>[Signature]</i> AP3156357				② 12-10-17 I certify that aircraft N451PH, T.T. 6187:24 has been inspected and/or work performed in accordance with a PHI Model 407 ARIP 300H/12M T/R G/Box, and a 300H T/R assy inspections. All CCI items have been signed, and HLA ACFT was determined to be in an airworthy condition. Ground run/leak check good. <i>[Signature]</i> AP 3766426					
③ CEB-72-6085 (RSH) recurring due <i>[Signature]</i> AP3156357				③ 12-10-17 T.T. 6187:24 Complied with CEB on OCC per # M250-10409 ser# YL-12367 for cracks/defects as required none noted per CEB-72-6085 rev 3 of 22-17 next date by T.T. 6212:24 - John L Payne AP 425310022					
④ 2000H Engine Fuel nozzle overhaul due <i>[Signature]</i> AP3156357				④ 12-10-17 T.T. 6187:24 Removed Engine Fuel nozzle ser# 1MX03803 and installed serviceable fuel nozzle assy per # M250-10604 ser# A656005 (T.T. 10,034:17 TSOA TSI:0) ground run function/leak check good per Rolls Royce MM 23-1003 Rev 20 of 1 Sep 17 <i>[Signature]</i> AP 425310022					
⑤ CCI required for installation of Engine Fuel Nozzle <i>[Signature]</i> AP3156357				⑤ 12-10-17 T.T. 6187:24 COMPLETED WITH CCI INSPECTION FOR INSTALLATION OF ENGINE FUEL NOZZLE. NO DEFECTS NOTED. <i>[Signature]</i> AP 3766426					
⑥ T/R P/C LINK BEARINGS WORN BEYOND LIMITS. <i>[Signature]</i> AP 3766426				⑥ 12-10-17 T.T. 6187:24 REMOVED UNSERVICEABLE T/R P/C LINKS AND INSTALLED SERVICEABLE LINKS P/N: 406-312-103-101 IAW BHT-407-mm-8, REV 45, DATED 9-JAN-2017 PARA 67-148. NO DEFECTS NOTED. <i>[Signature]</i> AP 3766426					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE <i>[Signature]</i> CERTIFICATE NO. AP3439585					
STATION	HMA	AIRCRAFT MODEL	407	N-451PH	DATE:	MO. 12	DAY 10	YR. 17	

ENGINEERING
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PHI, INC.

P. O. BOX 90808 — LAFAYETTE, LA. 70509

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SUPPLEMENTARY LOG SHEET B

CONTINUED FROM PAGE: 12/10/17

MECHANICS ENTER ALL MAINTENANCE PERFORMED

⑦ CCI REQUIRED FOR INSTALLATION
OF T/R PIC LINKS. *Payne*
AP 3766426

⑦ 12-10-17, TT 6187:24 C/W CCI OF T/R PIC LINKS
REPLACEMENT. NO DISCREPANCIES NOTED.

John L. Payne AP 42531022

CONTINUED ON PAGE:

PAGE 2 OF 2

AIRCRAFT
MODEL 407

N- 451PH

TOTAL
TIME 6187:24

DATE:

MO. 12

DAY 10

YR. 17

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6187:24	JD Long 1783	Genesis PHI	2:28 10:10	2 1	3 1		6 1
HOURS FLOWN TODAY	2:28							
TOTAL	6189:52							
ENGINE POWER CHECK								
#1		#2	OAT 15		Low Lifts _____ High Lifts _____			
Altitude 500			Air Speed 130		Daily Total RIN 7			
EGT/TOT/ITT 630			Decel _____		(Computed From Applicable Model Formulas)			
NI/NG 950			Time _____		Engine/s Rinsed & Dried			
Torque 800					Signature [Signature] 1430			
ADC Reading								
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS								
MAINTENANCE PERFORMED								
<p>① Aircraft is limited to 5 hrs. flight time due to T/R Mast Nut Ty Check due at act. T.T. 6182:21 Mech [Signature] A&P # AP3156357</p> <p>② Ops check flight requested for Engine Fuel Nozzle [Signature] & Tyric Links. [Signature] AP3156357</p> <p>③ AFTER COMPLETION OF OPS CK. FLIGHT LEAK CHECK OF ENGINE FUEL NOZZLE REQUIRED R [Signature] AP3390421</p> <p>④ 12-11-17 Act: TT: 6189:52 complied with torque check of T/R Mast Nut. No movement noted. [Signature] BWT 407 MM-1 chp 5-25 table 5-3 RIV 45 dated 9-Jun 2017 A&P3439885</p> <p>⑤ Operational check flight performed 12-11-17, Act: TT: 6187:34 and return to service [Signature] AP3156357</p> <p>⑥ 12/11/17, Act: tt 6187:34, Complied with a leak check as requested. No leaks noted from engine Fuel Nozzle or line. [Signature] AP3101942</p> <p>⑦ 12/11/17, Act: TT: 6189:52 [Signature] AP3156357</p> <p>⑧ CCI Required for T/R Mast Nut TQ chk in item #1 [Signature] AP3439885</p> <p>⑨ 12/11/2017 T.T. 6189:52 Complied with CCI Inspection for Torque Check of the T/R Mast Nut. NO DEFECTS NOTED. [Signature] AP3266426</p>								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION	HMA	AIRCRAFT MODEL	407	N-	451PH	SIGNATURE	John R. Payne	
						CERTIFICATE NO.	AP425310022	
DATE:	MO.	12	DAY	11	YR.	17		

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REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING
REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6189:52	JOD Long 1787		4111-3	3124	1	7		10
HOURS FLOWN TODAY	3:24								
TOTAL	6193:16								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		20	Daily Total RIN 10				
EGT/TOT/ITT		642		Air Speed	125				
NI/NG		958		Decel	(Computed From Applicable Model Formulas)				
Torque		80		Time					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature <i>[Signature]</i> 1787					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
<p>1) 6 Month Recurring Inspection of Sonic Underwater Pinger Due Scan 12-12-2017 Munich de Steiguer App 2417363</p>				<p>2) Remove Access panel and Clean/Inspect under water Sonic pinger, Dukane S/N 5007192 Per PHI GMM 2-10-91, 92, 93 Rev M2-17-03 (8-30-17) using Pinglight Tester. NO problems Noted at This Aircraft Total Time 9193:16. Reinstall Access panel 12-12-2017 Munich de Steiguer App 2417363</p>					
<p>3) Request ACI Inspection For Item #2 Above Pinger Test and Reinstallation of Access panel 12-12-2017 Munich de Steiguer App 2417363</p>				<p>3) 12-12-17 T. 9193:16 Complied with ACI on Tailboom access panel installation. Found all work acceptable. XP3156357</p>					
<p>4) Monthly ELT Check is Coming Due Scan 12-12-2017 Munich de Steiguer App 2417363</p>				<p>4) Complied with ELT Function Check, Found Serviceable as per GMM 2 Ch 10 Section 3 Rev M2-17-03 (8-30-17) Next Due By 1-31-2018 Aircraft Total Time 9193:16 12-12-17 Munich de Steiguer App 2417363</p>					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION HMA		AIRCRAFT MODEL 407		N- 457PH		DATE: MO. 12 DAY 12 YR. 17		SIGNATURE <i>[Signature]</i> CERTIFICATE NO. A-13437665	

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6197:10	PAULSON 2796	Genesis	41:7	1	2		4
HOURS FLOWN TODAY	4:17							
TOTAL	6201:27							
ENGINE POWER CHECK								
#1		#2	OAT 21	Low Lifts _____ High Lifts _____				
Altitude	SW		Air Speed 124	Daily Total RIN 4				
EGT/TOT/ITT	650		Decel _____	(Computed From Applicable Model Formulas)				
NI/NG	96.3		Time _____	Engine/s Rinsed & Dried				
Torque	80			Signature Paulson 15:40 14 Dec 17				
ADC Reading								
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS								
MAINTENANCE PERFORMED								
<p>① No defects noted 14 Dec 17 A/C TT: 6201:27 Paulson ATP 2862159</p> <p>② PHI model 407 150H TIR DIS insp Due 12/14/17 2 P 1 Schull sp 434414999</p> <p>③ AFT. Short Shaft fwd coupling Disc pack cracked 12/14/17 2 P 1 Schull sp 434414999</p> <p>④ CCI Required Fan maintenance performed in Item # 3 12/14/17 2 P 1 Schull sp 434414999</p> <p>⑤ Comply with a PHI model 407 AATP Event 1 AIF Inspection 12/14/17 Ad 439255237</p>								
<p>② I certify that A/C N 451PH, total time 6201:27 has been inspected and/or work performed in accordance with a PHI model 407 150H TIR DIS inspection and all CCI's have been signed and the A/C was determined to be in an airworthy condition 12/14/17, 2 P 1 Schull sp 434414999.</p> <p>③ 12/14/17, A/C TT: 6201:27 Removed AFT short shaft fwd coupling disc pack and adapter to Seal with removable disc pack TAW BHT 407 MM chephy 65 pins 65-426 and flange 65-28 Rev. 45, Date 1/9/17 2 P 1 Schull sp 434414999.</p> <p>4) 12-14-2017 Aircraft total time 6201:27 Complied with maintenance compulsory check inspection of Item Number "3" above, replacement of AFT short oil roller drive shaft, forward disc coupling, as needed. No discrepancies were noted. 2 P 1 Schull sp 434414999.</p> <p>5) 12-14-2017 I certify that Aircraft N 451PH, total time 6201:27, has been inspected and/or work performed in accordance with a PHI model 407 AATP Event-1 AIF Inspection. All CCI items have been signed, and the Aircraft was determined to be in an airworthy condition. Aircraft has been ground run and checked for leaks as needed. No leaks were noted. 2 P 1 Schull sp 434414999.</p>								
<p>① SBB supplemental sheet</p>								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION HMA			AIRCRAFT MODEL 407		N- 451PH		DATE: MO. 12 DAY 14 YR. 17	
SIGNATURE			CERTIFICATE NO. A-P343885					

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SUPPLEMENTARY LOG SHEET B

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PHI, INC.
P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6201:27	PAULSON 2716	Genesis	NFW	1	0		0
HOURS FLOWN TODAY	0:00							
TOTAL	6201:27							
ENGINE POWER CHECK								
#1		#2	OAT	Low Lifts				
Altitude N/A			Air Speed	High Lifts				
EGT/TOT/ITT			Decel	Daily Total RIN 0				
NI/NG			Time	(Computed From Applicable Model Formulas)				
Torque				Engine/s Rinsed & Dried				
ADC Reading				Signature NFW				
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS								
<p>① This Amara Pt is limited to 25:00 hours flight time for the forward and aft short tail rotor drive shafts. Disc couplings hardware to be checked due by 6226:27 Amara Pt total time. <u>Amara Pt AIP 439255237</u></p> <p>② No defects noted 15 Dec 2017. Next T: 6201:27. <u>Amara Pt AIP 439255237</u></p> <p>③ Acft Total time and status report require update. <u>Amara Pt AIP 439414999</u></p>								
MAINTENANCE PERFORMED								
<p>① 12-15-2017 TT 6201:27 CARRIED FORWARD TO NEXT DAYS ENGINEERING SHEET. <u>Amara Pt AIP 2843101</u></p> <p>③ AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 12/15/17. AIRCRAFT TOTAL TIME (INCLUDING ANY CORRECTION AND UP-DATE) T.T 6201:26 PER STATUS. REPORT UP DATE THROUGH 12/15/17. MECHANIC & A&P# <u>Amara Pt AIP 439414999</u></p>								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION	HMA	AIRCRAFT MODEL	407	N-	451PH	DATE:	MO. 12	DAY 15
						YR.	17	

ENGINEERING REPORT

PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

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COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6206:13	Paulson 2796	Genesis	2:39	1	3		7
HOURS FLOWN TODAY	2:39							
TOTAL	6208:52							
ENGINE POWER CHECK								
#1	#2	OAT	Low Lifts _____ High Lifts _____					
Altitude	500	26	Daily Total RIN 7					
EGT/TOT/ITT	662	Air Speed 123	(Computed From Applicable Model Formulas)					
NI/NG	16.8	Decel						
Torque	80	Time	Engine/s Rinsed & Dried Paulson					
ADC Reading			Signature 15:30 19 DEC 17					
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS			MAINTENANCE PERFORMED					
1) Time limited to 20:14 for tail rotor d:sc pack torque check Paul Paulson ATP 2862159			1) 12/19/17 TT 6208:52 Tail rotor disc pack torque check carried forward to 12/20/17 Clint Zyika ATP 2826697					
2) No defects noted 19 DEC 17 16:47 TT 6208:52 Paul Paulson ATP 2862159								
3) 504/3M AIF insp. Clint Zyika ATP 2826697			3) 12/19/17 TT 6208:52 I certify that aircraft N451PH Total time 6208:52 has been inspected & all work performed in accordance with 9 PHI model 407 A41P 504/3M AIF inspection. All CCI items has been signed, & the aircraft was determined to be in an airworthy condition next due 6258:52 Clint Zyika ATP 2826697					
4) PRJ-170508-407TR BLADE REC Clint Zyika ATP 2826697			4) 12/19/17 TT 6208:52 Complied with inspection of Tail rotor blade tips blades for cracks or indication of debonding using a steel tap hammer as per PRJ-170508-407TR BLADE REC dated 5/4/17 next due 6258:52 Clint Zyika ATP 2826697					
5) CEB-72-6085 + 3303 Clint Zyika ATP 2826697			5) 12/19/17 TT 6208:52 Complied with recurring visual inspection & leak check of outer combustion case seals. IAW CEB-72-6085 + 3303 Rev 3 Feb/12/2017 Combustion Case PIN M250-10404 SIN 9612367 no defects noted next due 6233:52 Clint Zyika ATP 2826697					
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
SIGNATURE Paul Paulson			CERTIFICATE NO. ATP 2862159					
STATION 5332B	AIRCRAFT MODEL BH-407	N- 457PH	DATE:	MO. 12	DAY 19	YR. 17		

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6208:52	JD Long 1783		Genesis	✓	1	0		0
HOURS FLOWN TODAY	0								
TOTAL	6208:52								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts High Lifts				
Altitude				Air Speed	Daily Total RIN 0				
EGT/TOT/ITT				Decel	(Computed From Applicable Model Formulas)				
NI/NG				Time					
Torque					Engine/s Rinsed & Dried				
ADC Reading					Signature [Signature] 1430 gds				
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS					MAINTENANCE PERFORMED				
1) Aircraft is limited to 17:35 Flight hours for forward and aft tail rotor drive shaft coupling torque check due at 6226:27. Console file # A-P3583064					1) 12-21-2017, ACFT. T.T. 6208:52, THIS ITEM CARRIED FORWARD TO NEXT DAY ENGINEERING REPORT DATED 12-22-2017. R. [Signature] AP3390421				
2) Note to engine 12-21-17. Acft T.T. 6208:52. CH 2825740									
3) Acft total time and status report require updating. R. [Signature] AP3390421					3) AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 12-21-17. AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE) T.T. 6208:52 PER STATUS REPORT UP DATE THROUGH 12-21-17. MECHANIC & A&P# [Signature] AP3390421				
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION	HMA	AIRCRAFT MODEL	407	N-	451PH	DATE:	MO. 12	DAY 21	YR. 17

ENGINEERING REPORT

PHI, INC.
P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6208:52	JDLONG 1783		GENESIS	4:54	1	3		7
HOURS FLOWN TODAY	4:54								
TOTAL	6213:46								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude	500			Air Speed	Daily Total RIN 7				
EGT/TOT/ITT	666			Decel	(Computed From Applicable Model Formulas)				
NI/NG	80			Time	Engine/s Rinsed & Dried				
Torque					Signature <i>[Signature]</i> 1730				
ADC Reading									
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS									
<p>1) Aircraft is limited to 17:35 hrs. flight time due to AFT T/R 9/8 comp. TQ. CK. due at Aft. T.T. 6226:27 Mech <i>[Signature]</i> A&P # AP3390421</p> <p>2) 12-22-17 TT 6213:46 Refer to RS-016548-2017 CKS HEGN 17E for further details. REV-M 5-17-05 9-22-17. BKeys # 2927044</p> <p>3) CCI Require for work performed on T/R D/S FWD; AFT Coupling Torque Check. <i>[Signature]</i> AP 2835952</p> <p>4) AIC Required CCI due to work perform on Item # 2 outer link control panel BKeys # 2927044</p>									
MAINTENANCE PERFORMED									
<p>1) 12/22/17 ACFT. T.T. 6213:46 Complied With T/R D/S FWD & AFT Coupling Hardware Torque Check. JAW BHT-407 MM Ch. 65-00-00 para. 65-24 Rev. 4S Dated 09 JAN 2017 No Movement Noted. <i>[Signature]</i> AP 2835952</p> <p>2) 12-22-17 TT 6213:46 Complied With CCI For Work performed In Item (1) SS to Check No Defects Noted. <i>[Signature]</i> AP 3373203</p> <p>4) 12-22-2017, ACFT. T.T. 6213:46 complied with CCI vis insp AS REQUIRED for Item # 2 SEE RS-016548-2017, for details. NO DEFECTS NOTED. ALL WORK FOUND TO BE SATISFACTORY. <i>[Signature]</i> AP 3390421.</p>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.									
STATION	4MA	AIRCRAFT MODEL	Bell 407	N-	451PH	DATE:	MO. 12	DAY 22	YR. 17

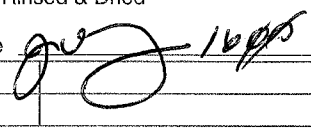
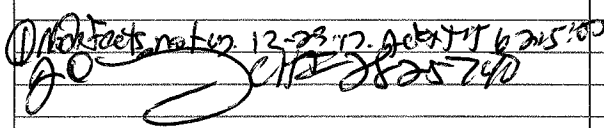
PHI, INC.

P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6213:46	JD Long 1783		Genoss	1:14	1	2		2
HOURS FLOWN TODAY	1:14								
TOTAL	6215:00								
ENGINE POWER CHECK									
#1		#2		Low Lifts _____ High Lifts _____					
Altitude		500		OAT 20					
EGT/TOT/ITT		643		Air Speed 130					
NI/NG		958		Decel _____					
Torque		82		Time _____					
ADC Reading				Engine/s Rinsed & Dried					
ITEMS REQUIRING DAILY COMPLIANCE				Signature 					
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
 12-23-12. JDL 1783 6215:00 2825740									
STATION HMA	AIRCRAFT MODEL 407	N-451PH		DATE: MO. 12	DAY 23	YR. 17			

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

[illegible]



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PHI, INC.

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ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6219:40	JD Long 1782		41452	2:09	1	5		6
HOURS FLOWN TODAY	2:09								
TOTAL	6219:49								
ENGINE POWER CHECK									
#1		#2		OAT	Low Lifts _____ High Lifts _____				
Altitude		500		19	Daily Total RIN 6				
EGT/TOT/ITT		847		Air Speed	(Computed From Applicable Model Formulas)				
NI/NG		860		Decel					
Torque		200		Time	Engine/s Rinsed & Dried				
ADC Reading				Signature <i>[Signature]</i>					
ITEMS REQUIRING DAILY COMPLIANCE									
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED					
On 12-26-17, ACD 771 6216:49.20 <i>[Signature]</i>									
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE <i>[Signature]</i> CERTIFICATE NO. AFD 2756837					
STATION	FW1003	AIRCRAFT MODEL	407	N-61512H	DATE:	MO. 12	DAY	26	YR. 17

STATION 74

[illegible]

ENGINEERING REPORT

PHI, INC.
P. O. BOX 90808 - LAFAYETTE, LA 70509

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.	TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS
TOTAL HRS. TO DATE	6219:49	JDLONG 1783	GENESIS	1:09	1	1		2
HOURS FLOWN TODAY	4:23	PAULSON 276	Genesis	3:14	2	1		4
TOTAL	6224:12							
ENGINE POWER CHECK								
#1		#2	OAT 17	Low Lifts		High Lifts		
Altitude	500		Air Speed 122	Daily Total RIN 6		(Computed From Applicable Model Formulas)		
EGT/TOT/ITT	617		Decel	Engine/s Rinsed & Dried				
NI/NG	94.5		Time	Signature Paulson 11:00 2/28/17				
Torque	80							
ADC Reading								
ITEMS REQUIRING DAILY COMPLIANCE								
DISCREPANCIES OR OTHER COMMENTS								
<p>① No defects noted. 12-29-17. APT JT 6217:58.90 2825740</p> <p>② No defects noted. 29 Dec 2017 APT JT: 6224:12 Paulson ATP 28621509</p> <p>③ Acft total time and status report require updating. R. Ashell up 434414999</p> <p>④ CEB-72-6085-3303 insp. Due R. Ashell up 434414999.</p>								
MAINTENANCE PERFORMED								
<p>③ AIRCRAFT DUE LIST WAS VALIDATED AND INSERTED IN LOG BOOK. AIRCRAFT TIME CONFIRMED AND CORRECTED THIS DATE 12/28/17. AIRCRAFT TOTAL TIME INCLUDING ANY CORRECTION AND UP-DATE) T.T. 6224:11 PER STATUS REPORT UP-DATE THROUGH 12/29/17 MECHANIC & A&P# R. Ashell up 434414999</p> <p>④ 12/29/17 APT JT 6224:11 Complied with recurring visual inspection and leak check of outer Compustar Case welds IAW CEB-72-6085-3303 NO Leaks Noted R. Ashell up 434414999</p>								
DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.								
STATION	5332A	AIRCRAFT MODEL	BA-407	N-	451AH	DATE:	MO. 12	DAY 29
SIGNATURE						CERTIFICATE NO. 2825740		
						YR. 17		

ENGINEERING REPORT

COMPLETE SECTIONS APPROPRIATE TO HELICOPTER MODEL

AIRCRAFT TIME RECORD (ENTER IN HOURS AND MINUTES)		PILOT'S NAME & EMPLOYEE NO.		TYPE (OR) CUSTOMER	TIME	SH. NO.	ENG. STARTS #1 #2		TAKE OFFS				
TOTAL HRS. TO DATE	6224:11	Parson 2796		lachesis	2:39	1	3		8				
HOURS FLOWN TODAY	2:39												
TOTAL	6226:50												
ENGINE POWER CHECK													
#1		#2		OAT 20		Low Lifts _____		High Lifts _____					
Altitude 500				Air Speed 26		Daily Total RIN 8							
EGT/TOT/ITT 646				Decel _____		(Computed From Applicable Model Formulas)							
NI/NG 96.1				Time _____		Engine/s Rinsed & Dried							
Torque 80						Signature No adequate facilities [Signature]							
ITEMS REQUIRING DAILY COMPLIANCE													
DISCREPANCIES OR OTHER COMMENTS				MAINTENANCE PERFORMED									
① Underhook noted 30 Dec 2017 Alt P. 6226:50 True Power ATP 286259													
				DAILY PREFLIGHT CHECK MADE IN ACCORDANCE WITH GUIDE IN FRONT OF LOGBOOK BEFORE THE FIRST FLIGHT OF THIS DAY. AIRCRAFT DEEMED AIRWORTHY AND SATISFACTORY FOR OPERATIONAL FLIGHT.				SIGNATURE [Signature] CERTIFICATE NO. 434414999					
				STATION HMA		AIRCRAFT MODEL 407		N- 451PH		DATE: MO. 12 DAY 30 YR. 17			

