

Division of Textron Inc.

POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101

OWNER \_\_\_\_\_

REGISTRATION NO. \_\_\_\_\_

MODEL \_\_\_\_\_

MFG'RS SERIAL \_\_\_\_\_

100 HR. INSP. DUE

[illegible]

## HELICOPTER LOG

OWNER \_\_\_\_\_

REGISTRATION NO. \_\_\_\_\_

MODEL \_\_\_\_\_

MFG'RS SERIAL \_\_\_\_\_

25 HR. INSP. DUE

[illegible]

REG. NO.	N147CG
MAKE	BELL
MODEL	47G
S/N	1044

**MIDWEST AVTECH INC.**

### I.V. REGIONAL AIRPORT

P.O. BOX 451

PERU, IL 61354

DATE:	07/18/09
FHM	205.8
T.T.	12996.3
SMOH	

INSPECTED HELICOPTER FOR A 100 HOUR / ANNUAL INSPECTION USING THE BELL CHECKLIST AS A GUIDE - C/W AD 63-23-02 BY INSPECTING OIL FILTER FOR METAL PARTICLES, NONE FOUND, NEXT DUE AT 230.8 HRS FHM - REMOVED AND REINSTALLED ENGINE MOUNT TO PERFORM 600 HOUR INSPECTION (ENGINE MOUNT TT 1529.6) - REPLACED M/R HUB YOKE WITH SERVICABLE YOKE P/N 47-120-177-1, S/N S-5068 (YOKE TT 2934.0, SMOH 0) - LUBED AIRCRAFT IAW BELL LUBE CHART - FABRICATED DOUBLER TO REPAIR L/H LANDING LIGHT MOUNT - FABRICATED AND REPLACED OIL LINE - REPLACED NUMEROUS ADL CLAMPS IN ENGINE COMPARTMENT - REPLACED THROTTLE CONTROL ROD END - REPLACED 2 INSTRUMENT POST LIGHT BULBS - CLEANED BATTERY BOX DRAIN TUBES - SERVICED T/R GEAR BOX - REPLACED HYDRAULIC FILTER - AIRCRAFT GROUND RUN AND LEAK CHECKS GOOD

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW FAR 43 APPENDIX D FOR AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

BRYAN G. HARTMAN

A&P 354729066 1A

TOTAL FLIGHT TIME

[illegible]

## ENGINE LOG

#1 ENGINE SERIAL NO.

#2 ENGINE SERIAL NO.

SIGNATURE &amp; LICENSE NO.

REG. NO.	N147CG
MAKE	FRANKLIN
MODEL	6V-335A
S/N	E591329

**MIDWEST AVTECH INC.**

#### I.V. REGIONAL AIRPORT

P.O. BOX 451

PERU, IL 61354

DATE	07/18/09
FHM	205.8
T.T.	
SMOH	

DRAINED OIL, INSPECTED AND CLEANED FILTER, SERVICED SYSTEM WITH AEROSHELL W100 -  
CHECKED COMPRESSION #1 - 130 #2 - 125 #3 - 120 #4 - 125 #5 - 122 #6 - 145 - CHECKED MAG  
TIMING - CLEANED, GAPPED, TESTED AND ROTATED SPARK PLUGS - CLEANED FUEL SCREENS -  
GROUND RUN AND LEAK CHECK GOOD

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW FAR 43 APPENDIX D FOR AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

BRYAN G. HARTMAN

A&P 354729066 1A

TOTAL ENGINE TIME



## HELICOPTER LOG

OWNER \_\_\_\_\_

REGISTRATION NO. \_\_\_\_\_

MODEL \_\_\_\_\_

MFG'RS SERIAL \_\_\_\_\_

25 HR. INSP. DUE

100 HR. INSP. DUE

DATE	TAKEOFF		LAND		FLIGHT TIME		NATURE OF FLIGHT AND LOCATION	HELICOPTER LOG
	HR.	MIN.	HR.	MIN.	BEGT. FRWD. HR.	MIN.		
6/109	11:03	35	26	3.9				REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS, SIGNATURE & LICENSE NO.
								LUBED aircraft 1A/w BHT 476 maintenance overhaul instructions. Chw 25, 50, 61000m h/b/g. [Signature] R-31328114
TOTAL FLIGHT TIME								

DATE	# 1 ENGINE TIME BRGT. FWD		# 2 ENGINE TIME BRGT. FWD		# 1 START CYCLES		# 2	REPAIRS, ADJUSTMENTS, PARTS REPLACED	SIGNATURE & LICENSE NO.
	HR.	MIN.	HR.	MIN.	#1	#2			
9/4/09	HOBBS:	239.2						Drained oil. Removed INSPECTOR OIL FILTER. No METAL FOUND. Plw AD 63-23-02. Serviced w/ W100. LEAK CHECKED GOOD. AD NEXT DUE @ 264.2 HOBBS. - END - <i>[Signature]</i> MP3/BZSVH	
9/11/09	HOBBS:	263.9						Drained oil. Removed & inspected oil filter per AD 63-23-02. No metal found. Serviced w/ 8qts 100W. AD NEXT DUE @ HOBBS: 288.9 - END - <i>[Signature]</i> MP3/BZSVH	
TOTAL ENGINE TIME									

# HELICOPTER LOG

OWNER \_\_\_\_\_  
 REGISTRATION NO. \_\_\_\_\_  
 MODEL \_\_\_\_\_  
 MFG'RS SERIAL \_\_\_\_\_

25 HR. INSP. DUE

100 HR. INSP. DUE

**N147CG Hobbs: 335.4 AFTT: 13,125.9**

Removed Swashplate, M/R Mast, Stabilizer bar and sent to East Coast Helicopters for 1200 hour overhaul. Re-installed upon return and rigged as required per the BHT 47G Maintenance Manual. Replaced LH fuel tank mounting hardware with new P/N AN4-14A bolts. Replaced collective and cyclic lateral and longitudinal control rod bolts at the swashplate with new. C/W AD74-07-01(Control Tubes) in accordance with BHT maintenance manual and SB 47-11-73 Rev. A. C/W AD98-07-01 (Stab. Bar Links) by installation of new kit P/N CA-047-96-022-1 in accordance with ASB 47-96-22. Tracked and balanced as

required. I certify that this airframe has been inspected in accordance with a 100 hour inspection and is found to be in airworthy condition. - END -

Chris Heiter AP3132511A  
 Aviation Maintenance Technologies Inc.

## HELICOPTER LOG

BHT

12/5/09

REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS, SIGNATURE & LICENSE NO.

START  
CYCLES

## ENGINE LOG

#1 ENGINE SERIAL NO. \_\_\_\_\_  
 #2 ENGINE SERIAL NO. \_\_\_\_\_

SIGNATURE & LICENSE NO.

**N147CG Hobbs: 335.4 SMOH: 722.4**

12/5/09

C/W AD 63-23-02 by draining oil and inspecting filter elements. Removed and replaced filter elements and spacers with new P/N B14013 and 02FC135. Serviced system with 12 qts 100W. Replaced #1, 3, 5 intake gaskets with new 17671 gaskets and replaced 4 manifold screws P/N 18359. Compressions #1 125, #2 130, #3 125, #4 125, #5 115, #6 130. Removed and replaced all 12 spark plugs with new P/N REL37B due to excessive wear. I certify that this engine has been inspected in accordance with a 100 hour inspection and is found to be airworthy. - END -

Chris Heiter AP3132511A  
 Aviation Maintenance Technologies Inc.

TOTAL ENGINE TIME



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**Clow International Airport, Bolingbrook, IL.**

HOBBS:

340.5 Hrs.

25 HR. INSP. DUE

At this time the two defective Gill G-25 batteries were removed. Serviced and charged two new Gill G-25 batteries, S/N G02465287 and G02465279, and installed.

--END

John J. Blaha Jr.  
AP 2238954

[illegible]

TOTAL FLIGHT TIME

DATE	GROUND TIME		AIR TIME		# 1 ENGINE TIME BRGT. FWD	# 2 ENGINE TIME BRGT. FWD	START CYCLES	
	HR.	MIN.	HR.	MIN.	HR.	MIN.	HR.	MIN.
1/14/10	110310		1370.0					
3/18/10	110310		1370.0					
TOTAL ENGINE TIME								

## ENGINE LOG

#1 ENGINE SERIAL NO.

#2 ENGINE SERIAL NO.

SIGNATURE & LICENSE NO.

REPAIRS, ADJUSTMENTS, PARTS REPLACED

Pls AD 63-23-02 by draining oil. Removed filter elements  
inspected for metal debris. None noted at this time.  
Service w/ 9.5 qts W100. (WAK WORKED GOOD - GOOD  
~~AD 3132511R~~

Pls AD 63-23-02 by draining oil. Inspected filter elements  
for debris. none noted. Service w/ 9 qts W100. (earl checked good)  
- GOOD - ~~AD 3132511R~~

TOTAL ENGINE TIME



# Bell Helicopter **TEXTRON**

Division of Textron Inc.

FORT OFFICE BOX 482 • FORT WORTH, TEXAS 76101

## HELICOPTER LOG

OWNER \_\_\_\_\_  
REGISTRATION NO. \_\_\_\_\_  
MODEL \_\_\_\_\_  
MFG'S SERIAL \_\_\_\_\_

25 HR. INSP. DUE

100 HR. INSP. DUE

DATE	TAKEOFF		LAND		FLIGHT TIME		NATURE OF FLIGHT AND LOCATION	HELICOPTER LOG
	HR.	MIN.	HR.	MIN.	BRGT.	FRWD.		
					HR.	MIN.		REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS, SIGNATURE & LICENSE NO.
7/4/10							PERFORMED 100% INSP. 1/1 W/ BHT 47 mm. REMOVED & REPLACED STARTER SOLENOID W/ NEW SAME P/N. 1/1 W/ AD 63-23-02 by 0110 kg. 1/1 W/ AD 74-08-02 by VISUAL INSP. NO CRACKS OR MOVEMENTS NOTED. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED 1/1 W/ 100% INSP. & IS FOUND AIRWORTHY. - END - <u>[Signature]</u> AP 3132511A	
7/14/10							REMOVED & REPLACED IN FUEL TANK SENSOR P/N P380ADW/NEW OPS. CHECKED GOOD 1/1 W/ BHT 47 mm. SERVICED & CHARGED AIRCRAFT BATTERIES. - END - <u>[Signature]</u> AP 3132511A	
TOTAL FLIGHT TIME								

DATE	GROUND TIME		AIR TIME		# 1 ENGINE TIME BRGT. FWD		# 2 ENGINE TIME BRGT. FWD		START CYCLES		ENGINE LOG	#1 ENGINE SERIAL NO. _____ #2 ENGINE SERIAL NO. _____
	HR.	MIN.	HR.	MIN.	HR.	MIN.	HR.	MIN.	#1	#2		
7/10												



# Bell Helicopter **TEXTRON**

Division of Textron Inc.

POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101

## HELICOPTER LOG

OWNER \_\_\_\_\_

REGISTRATION NO. 147C6

MODEL 476

MFG'S SERIAL 1044

25 HR. INSP. DUE

100 HR. INSP. DUE

DATE		TAKEOFF		LAND		FLIGHT TIME		NATURE OF FLIGHT AND LOCATION	HELICOPTER LOG
HR.	MIN.	HR.	MIN.	HR.	MIN.	BRGT. FRWD.	MIN.		
1/12/11	4	08	3	00	13	58.5		REMOVED M/R BLADES P/N 47-110-120-50 S/N 7329 AND SENT OUT FOR OVERHAUL. PK-INSTALLED UPON RETURN. P/N 47620-600-17 OCM. C/W AD 74-08-02 (STAB BAR), NO DISCREPANCIES NOTED. <del>74080</del> <del>74081</del> <del>74082</del> <del>74083</del> <del>74084</del> <del>74085</del> <del>74086</del> <del>74087</del> <del>74088</del> <del>74089</del> <del>74090</del> <del>74091</del> <del>74092</del> <del>74093</del> <del>74094</del> <del>74095</del> <del>74096</del> <del>74097</del> <del>74098</del> <del>74099</del> <del>74100</del> <del>74101</del> <del>74102</del> <del>74103</del> <del>74104</del> <del>74105</del> <del>74106</del> <del>74107</del> <del>74108</del> <del>74109</del> <del>74110</del> <del>74111</del> <del>74112</del> <del>74113</del> <del>74114</del> <del>74115</del> <del>74116</del> <del>74117</del> <del>74118</del> <del>74119</del> <del>74120</del> <del>74121</del> <del>74122</del> <del>74123</del> <del>74124</del> <del>74125</del> <del>74126</del> <del>74127</del> <del>74128</del> <del>74129</del> <del>74130</del> <del>74131</del> <del>74132</del> <del>74133</del> <del>74134</del> 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<del>74599</del> <del>74600</del> <del>74601</del> <del>74602</del> <del>74603</del> <del>74604</del> <del>74605</del> <del>74606</del> <del>74607</del> <del>74608</del> <del>74609</del> <del>74610</del> <del>74611</del> <del>74612</del> <del>74613</del> <del>74614</del> <del>74615</del> <del>74616</del> <del>74617</del> <del>74618</del> <del>74619</del> <del>74620</del> <del>74621</del> <del>74622</del> <del>74623</del> <del>74624</del> <del>74625</del> <del>74626</del> <del>74627</del> <del>74628</del> <del>74629</del> <del>74630</del> <del>74631</del> <del>74632</del> <del>74633</del> <del>74634</del> <del>74635</del> <del>74636</del> <del>74637</del> <del>74638</del> <del>74639</del> <del>74640</del> <del>74641</del> <del>74642</del> <del>74643</del> <del>74644</del> <del>74645</del> <del>74646</del> <del>74647</del> <del>74648</del> <del>74649</del> <del>74650</del> <del>74651</del> <del>74652</del> <del>74653</del> <del>74654</del> <del>74655</del> <del>74656</del> 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**Bell Helicopter** **TEXTRON**

Division of Textron Inc.

POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101

**HELICOPTER LOG**

OWNER \_\_\_\_\_

REGISTRATION NO. 147CGMODEL 47GMFG'S SERIAL 1044

25 HR. INSP. DUE

100 HR. INSP. DUE

**HELICOPTER LOG**

DATE	TAKEOFF		LAND		FLIGHT TIME		NATURE OF FLIGHT AND LOCATION	REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS, SIGNATURE & LICENSE NO.
	HR.	MIN.	HR.	MIN.	BRGT. FRWD.	MIN.		
3/14/12	1108	35	4	38	13	7	3 Removed & replaced CHT indicator w/ new surplus P/N 100430. Rotated FWD & aft cross tubes 1/16" w/ 7/16" O.D.M. Verified all AD's & W through this date and an updated listing provided to the owner this date. I certify that this airframe has been inspected 1/16" annual inspection & is found airworthy.	<i>Chet Helle</i> RP31375111A
10/26/12	1108	35	4	36			Replaced copper rotor w/ new P/N 47-631-124-002 1/16" w/ 7/16" O.D.M.	<i>Chet Helle</i> RP31375111A

TOTAL FLIGHT TIME

**ENGINE LOG**

DATE	GROUND TIME		AIR TIME		# 1 ENGINE TIME		# 2 ENGINE TIME		START CYCLES		ENGINE LOG	#1 ENGINE SERIAL NO.	#2 ENGINE SERIAL NO.	SIGNATURE & LICENSE NO.	
	HR.	MIN.	HR.	MIN.	HR.	MIN.	HR.	MIN.	#1	#2		REPAIRS, ADJUSTMENTS, PARTS REPLACED			
3/14/12	1108	35	4	38	5	00	1	8	7	0	8			Drained oil. 1/16" w/ 63-23-02 BY inspection for metal in oil filter. No metal noted. Cleaned & re-installed oil filter washers. Serviced w/ 9 qts 100W. Comp #1 128, #2 139, #3 120, #4 120, #5 140, #6 130 BY direct reading.	
10/26/12	1108	35	4	36										Removed both magnets P/N 86RN-21 3/16" DOAD-NO3 & DO96NO4 & sent to RLB accessories for overhaul. Re-installed upon return & timed 1/16" w/ Franklin 6V-335 m.p.i. 1/16" ground run leak check. No defects noted. <i>Chet Helle</i> RP31375111A	

TOTAL ENGINE TIME



08/18/2013

Franklin 6V-335A

SerialNumber:591329C

TSMOH:0

I certify that this engine has been overhauled as per Franklin Aircraft Engines Overhaul Instructions dated May 1964 covering model 6V-335A and is safe for return to service.

The following engine parts were sent out for NDI and machining.

- Engine crankcase and accessory case (Divco)
- Crankshaft, connecting rods, tappet bodies, and drive gears (Aircraft Specialties)
- Pistons (Airworx)

The following new parts were installed during reassembly.

- Gasket set
- Piston ring set
- Magneto drive shock absorber part number 19313 (quantity 2)
- Cylinder assemblies part number 19679 (quantity 6)
- Camshaft part number 19672
- Crankshaft thrust washer part number 17808 (quantity 4)
- Connecting rod bolt part number 19632 (quantity 12)
- Connecting rod bearing set part number 18020 (quantity 12)
- Crankshaft main bushing part numbers 18562, 18563, 18032, 18030, 18028 (quantity 2), and 18026 (quantity 2)
- Crankshaft plug part number 19454 and 7X42.
- Cam bearing set part numbers 17707 and 17708 (quantity 4 each)
- Piston pin part number 17658 (quantity 6)
- Piston pin plug part number 17685 (quantity 12)

This engine was assembled and all limits were checked to be in compliance with Table IX of the Overhaul Instructions Manual. All torque values were established as per Table XI of the Overhaul Instructions Manual. This engine was timed at 36 degrees BTDC.

  
Christopher Collum AP32906161A

8-18-2013

**Bell Helicopter** **TEXTRON**

Division of Textron Inc.

POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101

**HELICOPTER LOG**

OWNER \_\_\_\_\_

REGISTRATION NO. 147CGMODEL 476MFG'RS SERIAL 1044

25 HR. INSP. DUE

100 HR. INSP. DUE

DATE	TAKEOFF		LAND		FLIGHT TIME		NATURE OF FLIGHT AND LOCATION	HELICOPTER LOG
	HR.	MIN.	HR.	MIN.	BGRT.	FRWD.		
3/1/13	11	00	14	46			REMOVED ENGINE MODEL #6V-335A, S/N 59132906 SENT OUT FOR OVERHAUL '11/12/13	

REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS, SIGNATURE &amp; LICENSE NO.

N147CG S/N 1044 AFTT: 13,276.6 Hobbs: 496.1  
8/23/2013

Installed overhauled engine with new gaskets P/N 047-620-374-001 and 047-612-115-003. Installed new P/N AN386-1-10A Taper pins and new P/N AN4076-1 CHT Bracket. Serviced engine with 9 qts Aeroshell 100. Re-installed XMSN and M/R Head Assembly. Complied with engine break in procedure per Franklin Service and overhaul manuals. C/W AD 63-23-02 after ground run, next due at AFTT: 13301.6. Lubed aircraft as required. C/W AD74-08-02. No looseness noted. Next due in 100 hours. All work done per BHT 47 Maintenance Manual. Verified applicable AD's complied with thru this date. A list of AD's has been provided to owner. I certify that this Airframe has been inspected in accordance with an Annual inspection and is found airworthy. - END -

Christopher S. Heiter  
AP3132511AN147CG S/N 1044 AFTT: 13,276.6 TSMOH: 0.0  
8/23/2013

Installed overhauled engine with new gaskets P/N 047-620-374-001 and 047-612-115-003. Installed new P/N AN386-1-10A Taper pins and new P/N AN4076-1 CHT Bracket. Serviced engine with 9 qts Aeroshell 100. Re-installed XMSN and M/R Head Assembly. Complied with engine break in procedure per Franklin Service and overhaul manuals. C/W AD 63-23-02. All work done per Franklin Maintenance, Overhaul and Service Manual. Verified applicable AD's complied with thru this date. A list of AD's has been provided to owner. I certify that this engine has been inspected in accordance with an Annual inspection and is found airworthy. - END -

Christopher S. Heiter  
AP3132511A

ENGINE SERIAL NO. \_\_\_\_\_

ENGINE SERIAL NO. \_\_\_\_\_

SIGNATURE &amp; LICENSE NO. \_\_\_\_\_

N147CG S/N 1044 AFTT: 13,276.8 Hobbs: 496.3  
11/23/2013

Troubleshoot excessive engine oil leak in flight. Found Engine Crankcase cover cracked. Replaced with new P/N 17765 and new gasket P/N 18532. Ground run leak checked good. Work done in accordance with Franklin Overhaul manual. - END -

Christopher S. Heiter  
AP3132511A

TOTAL ENGINE TIME



A/C	<u>BELL 47G</u>	Rochelle Avionics, Inc.	DATE: <u>10/11/13</u>
N#	<u>147CG</u>	1205 W. Gurler Rd.	W.O.# <u>24294</u>
S/N	<u>1044</u>	Rochelle, IL 61068	MRS: <u>0499.6</u>

THE AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM(S) HAS BEEN TESTED AND INSPECTED AND FOUND TO C/W PARAGRAPH 1 C 1, APPENDIX E OF PART 43.

IN ACCORDANCE WITH F.A.R 91.413, THE ATC TRANSPONDER INSTALLED IN THIS AIRCRAFT HAS BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF PART 43.

	ATC-1	ATC-2
4. MODEL	<u>KT76A</u>	<u>N/A</u>
5. SERIAL NUMBER	<u>90017</u>	
6. REPLY FREQUENCY		
7. SUPPRESSION		
8. SUPPRESSION FEED DOWN BUS		
9. RECEIVER SENSITIVITY "A"		
10. RECEIVER SENSITIVITY "C"		
11. MODE S ADDRESS	<u>N/A</u>	
ENCODER	<u>ACK A30</u>	TESTED TO <u>10K</u>
	<u>74244</u>	
SIGNED	<u>Allen Warren</u>	
	CRS 3RCR424B	

Rochelle  
Avionics

1205 W Gurler Rd Rochelle, IL 61068-9501 3RCR424B  
LOG ID# 358 11-October-2013 WO# 794  
N147CG S/N 1044 BELL 47G

Pg 1 / 1

1. REMOVED EXISTING BASE OF SNAPPED OFF STICK TRANSPONDER ANTENNA AND INSTALLED NEW COMANT CI-105 TRANSPONDER BLADE ANTENNA S/N 64241 IN SAME LOCATION. NO CHANGE IN WEIGHT & BALANCE.
  2. REMOVED INOP BENDIX/KING KT-76A TRANSPONDER S/N 65023. INSTALLED EXCHANGE BENDIX/KING KT-76A TRANSPONDER S/N 90017 IN SAME LOCATION. NO CHANGE IN WEIGHT & BALANCE.
- BASED ON THE WORK PERFORMED THIS AIRCRAFT WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAR'S AND APPROVED FOR RETURNED TO SERVICE.

Allen Warren  
CRS# 3RCR424B Allen Warren

10/11/13  
Date

POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101

## OWNER \_\_\_\_\_

REGISTRATION NO. \_\_\_\_\_

MODEL \_\_\_\_\_

MFG'RS SERIAL \_\_\_\_\_

100 HR. INSP. DUE

Christopher S. Heiter  
AP3132511A

TOTAL FLIGHT TIME | # 1 | # 2

N147CG S/N 1044 AFTT: 13,297.6 SMOH 11.0  
8/15/2014

Christopher S. Heiter  
AP3132511A

TOTAL ENGINE TIME | | | |

LIGHT  
ION

REPAIRS, ADJUSTMENTS, PARTS REPLACED, REMARKS, SIGNATURE &amp; LICENSE NO.

8/15/2014 AFTT: 13,297.6 INSTALLED NOW P/N 74-661-011-11M FAN BELTS  
MAN. DATE OF 1/23/2013 GOOD TLL 14,197.6 OR 1/31/2018. "A" No  
B476 m/o. *Chapman* *A23125100*

START  
CYCLES

## ENGINE LOG

#1 ENGINE SERIAL NO.

#2 ENGINE SERIAL NO. \_\_\_\_\_

SIGNATURE &amp; LICENSE NO.

#2

REPAIRS, ADJUSTMENTS, PARTS REPLACED



A/C: Bell 47G  
NH: 147C G  
S/N: 1044

Rochelle Avionics, Inc.  
1205 W. Gurler Rd.  
Rochelle, IL 61068

DATE: 1-9-2016  
W.D.# 1288-24  
HRS: 532.9

← HOBBS

THE AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM(S) HAS BEEN TESTED AND INSPECTED AND FOUND TO C/W PARAGRAPH (C). APPENDIX E OF PART 43.

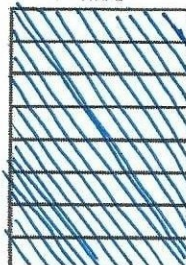
IN ACCORDANCE WITH F.A.R 91.413, THE ATC TRANSPONDER INSTALLED IN THIS AIRCRAFT HAS BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF PART 43.

A MODEL  
B SERIAL NUMBER  
C REPLY FREQUENCY  
D SUPPRESSION  
D1 SUPPRESSION P2 DOWN 90B  
E RECEIVER SENSITIVITY "A"  
F RECEIVER SENSITIVITY "C"  
G MODE S ADDRESS

ATC-1

KT76-A
90017
OK
OK
OK
OK
OK
NA

ATC-2



ENCODER

P/N:

ALH AB

S/N:

74244

TESTED TO: 10K

SIGNED: [Signature]

CRS 3RCR424B



# HELICOPTER LOG

OWNER \_\_\_\_\_

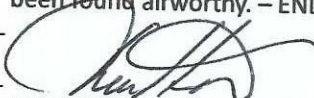
REGISTRATION NO. \_\_\_\_\_

MODEL \_\_\_\_\_

MFG'RS SERIAL \_\_\_\_\_

**N147CG**
**S/N 1044**
**HOBBS: 523.8**
**AFTT: 13,314.3**
**07/27/2015**
**P. DUE**

Performed an ANNUAL inspection in accordance with Bell 47 Maintenance Manual checklist, FAR 43 Appendix D.  
 Replaced hydraulic filter with new. C/W 74-08-02 (a) and (b) by visual inspection of the stabilizer bar. No defects  
 noted. Next due: (a) Daily, (b) 623.8. Replaced forward tail rotor driveshaft boot with new PN 47-644-133-7. Lubed  
 aircraft as required. Drained, flushed and serviced tail rotor gearbox. Complied with ground run leak checks. Balanced  
 tail rotor to .04 IPS. I certify that this airframe has been inspected in accordance with an ANNUAL inspection and has  
 been found airworthy. - END -

  
 Christopher Heiter AP3132511IA

REMARKS, SIGNATURE &amp; LICENSE NO.

TOTAL FLIGHT TIME

# 1

# 2

**N147CG**
**S/N 1044**
**HOBBS: 523.8**
**SMOH: 27.5**
**07/27/2015**

#1 ENGINE SERIAL NO. \_\_\_\_\_

#2 ENGINE SERIAL NO. \_\_\_\_\_

SIGNATURE &amp; LICENSE NO.

DATE

Drained oil. C/W AD 63-23-02 by inspection of filter elements. No defects noted. Next due: Hobbs: 548.8.  
 Serviced with 9 qts W100. Cleaned, inspected, tested and rotated spark plugs. Compressions #1 - 138, #2 145, #3 -  
 139, #4 - 141, #5 - 148, #6 - 148. Verified magneto to engine timing. I certify that this engine has been inspected in  
 accordance with an ANNUAL inspection and is found airworthy. - END -

  
 Christopher Heiter AP31332511IA

TOTAL ENGINE TIME



## HELICOPTER LOG

OWNER \_\_\_\_\_

REGISTRATION NO. \_\_\_\_\_

MODEL \_\_\_\_\_

MFG'RS SERIAL \_\_\_\_\_

**N147CG**

**S/N 1044**

**HOBBS: 556.9**

**AFTT: 13,347.4**

10/28/2016

Performed an ANNUAL inspection in accordance with Bell 47 Maintenance Manual checklist and FAR 43 Appendix D. Replaced hydraulic filter with new. C/W 74-08-02 (a) and (b) by visual inspection of the stabilizer bar. No defects noted. Next due: (a) Daily, (b) 656.9. Replaced engine cooling fan assembly with new PN 47-661-029-3 Fan, 47-661-031-1, Bearing, 47-661-032-1, Bearing and Housing PN 47-669-131-1 in accordance with B47, D and G Maintenance Manual. Replaced fabric cooling shroud with new PN LB-110. Replaced hub assembly with new PN 47-661-038-1. Replaced aft tail rotor driveshaft universal joint with new PN 47-644-033-3. Replaced both ground handling wheel brackets with new PN 47-500-005-5. Lubricated aircraft as required. Drained, flushed and serviced tail rotor gearbox. Complied with ground run leak check and maintenance test flight. No abnormalities noted. Verified AD compliance through this date. Reference AD listing provided to owner dated 10/27/2016. I certify that this airframe has been inspected in accordance with an ANNUAL inspection and has been found airworthy. – END –

Christopher Heiter AP3132511A

TOTAL FLIGHT TIME

# 1

# 2

ENGINE TIME  
BRGT. FWD  
HR. MIN

ENGINE TIME  
BRGT. FWD  
HR MIN

START  
CYCLES

## ENGINE LOG

#1 ENGINE SERIAL NO. \_\_\_\_\_

#2 ENGINE SERIAL NO. \_\_\_\_\_

DATE	GROUND TIME	
	HR.	MIN.
10/1/54	1	10
10/2/54	1	10
10/3/54	1	10
10/4/54	1	10
10/5/54	1	10
10/6/54	1	10
10/7/54	1	10
10/8/54	1	10
10/9/54	1	10
10/10/54	1	10
10/11/54	1	10
10/12/54	1	10
10/13/54	1	10
10/14/54	1	10
10/15/54	1	10
10/16/54	1	10
10/17/54	1	10
10/18/54	1	10
10/19/54	1	10
10/20/54	1	10
10/21/54	1	10
10/22/54	1	10
10/23/54	1	10
10/24/54	1	10
10/25/54	1	10
10/26/54	1	10
10/27/54	1	10
10/28/54	1	10
10/29/54	1	10
10/30/54	1	10
10/31/54	1	10
11/1/54	1	10
11/2/54	1	10
11/3/54	1	10
11/4/54	1	10
11/5/54	1	10
11/6/54	1	10
11/7/54	1	10
11/8/54	1	10
11/9/54	1	10
11/10/54	1	10
11/11/54	1	10
11/12/54	1	10
11/13/54	1	10
11/14/54	1	10
11/15/54	1	10
11/16/54	1	10
11/17/54	1	10
11/18/54	1	10
11/19/54	1	10
11/20/54	1	10
11/21/54	1	10
11/22/54	1	10
11/23/54	1	10
11/24/54	1	10
11/25/54	1	10
11/26/54	1	10
11/27/54	1	10
11/28/54	1	10
11/29/54	1	10
11/30/54	1	10
12/1/54	1	10
12/2/54	1	10
12/3/54	1	10
12/4/54	1	10
12/5/54	1	10
12/6/54	1	10
12/7/54	1	10
12/8/54	1	10
12/9/54	1	10
12/10/54	1	10
12/11/54	1	10
12/12/54	1	10
12/13/54	1	10
12/14/54	1	10
12/15/54	1	10
12/16/54	1	10
12/17/54	1	10
12/18/54	1	10
12/19/54	1	10
12/20/54	1	10
12/21/54	1	10
12/22/54	1	10
12/23/54	1	10
12/24/54	1	10
12/25/54	1	10
12/26/54	1	10
12/27/54	1	10
12/28/54	1	10
12/29/54	1	10
12/30/54	1	10
12/31/54	1	10
1/1/55	1	10
1/2/55	1	10
1/3/55	1	10
1/4/55	1	10
1/5/55	1	10
1/6/55	1	10
1/7/55	1	10
1/8/55	1	10
1/9/55	1	10
1/10/55	1	10
1/11/55	1	10
1/12/55	1	10
1/13/55	1	10
1/14/55	1	10
1/15/55	1	10
1/16/55	1	10
1/17/55	1	10
1/18/55	1	10
1/19/55	1	10
1/20/55	1	10
1/21/55	1	10
1/22/55	1</	

AIR TIME	
HR.	MIN.
1	10
2	10
3	10
4	10
5	10
6	10
7	10
8	10
9	10
10	10
11	10
12	10
13	10
14	10
15	10
16	10
17	10
18	10
19	10
20	10
21	10
22	10
23	10
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42	10
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80	10
81	10
82	10
83	10
84	10
85	10
86	10
87	10
88	10
89	10
90	10
91	10
92	10
93	10
94	10
95	10
96	10
97	10
98	10
99	10
100	10

BRGT. FWD  
HR. MIN.

BRGT. FWD	
HR	MIN
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
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42	42
43	43
44	44
45	45
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67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

CYCLES

#1	#2
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
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38	38
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41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
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56	56
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58	58
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61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

REPAIRS, ADJUSTMENTS, PARTS REPLACED

SIGNATURE &amp; LICENSE NO.

N147CG

S/N 1044

**HOBBS: 556.9**

SMOH: 60.6

10/28/2016

Drained oil. C/W AD 63-23-02 by inspection of filter elements. No defects noted. Next due: Hobbs: 581.9.

Serviced with 9 qts W100. Replaced spark plugs with new REL37B Compressions #1 - 149, #2 148, #3 - 149, #4 - 140, #5 - 146, #6 - 148. Adjusted magneto to engine timing. I certify that this engine has been inspected in accordance with an ANNUAL inspection and is found airworthy. - END -

Christopher Heiter AP3132511A

TOTAL ENGINE TIME