Pa	ge No	
	ENGINE MAJOR OVERHAULED TO MANUFACTURERS SPECIFICATIONS.	
	TTTSMOH2.1(test run)	
	ModelGO-480-G2D6 S/NL-1510-34	
	The aircraft, airframe. aircraft engine. propeller. or appliance identified above was repaired and inspected in accordance with manufactures specifications and current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repairs are on file at this repair station under.	
1	Work order no18381 DateMay 04, 2004 Signed Manh. Litting for	_
	CUSTOM AIRMOTIVE, INC. 2702 N. SHERIDAN RD. BLDG. B TULSA, OK 74115 PHONE(918)836-6836 FAX(918)836-9431	_
	FAA CERTIFIED REPAIR STATION #DC2R763K	
	Magnetos were also overhauled (see tags). Ignition harness and spark plugs are new. This engine is equipped withCHANNEL CHROME cylinders.	
	AIRWORTHINESS DIRECTIVES FOR: TYPE CERTIFICATE NUMBER E-275	
	MODELGO-480-G2D6 S/NL-1510-34 WO#18381 TT	
	A.D.# METHOD OF COMPLIANCE  59-10-07 TO BE C/W BY THE INSTALLER OF THE BAFFLES (NOT FURN.)  60-11-06 C/W; USED HARDENED C/W BUSHINGS.  62-23-05 C/W BY USE OF P/N 67722 RINGS.  69-25-08 C/W BY USE OF CORRECT SLINGER AND TORQUE.  73-23-01 N/A; TO THESE NEW SL13444-1 PISTON PINS.  91-08-07 N/A; NON-TURBOCHARGED ENGINE.  92-12-05 N/A; TO THESE NEW SL13444-1 PISTON PINS.  97-15-11 N/A; TO THESE NEW SL13444-1 PISTON PINS.  903-14-03 FUEL PUMP NOT FURNISHED W/OVERHAUL.  SIGNED for CRS# DC2R763K on May 04, 2004	
		_
	SUB-TOTALS this page	

TOTALS-Carry forward to next page



AIRCRAFT ENGINE SERVICE

FAA REPAIR STATION #DC2R763K

2702 N SHERIDAN RD BLDG B. TULSA OKLAHOMA 74115-2321

PHONE 918 836-6836 FAX: 918 836-9431



AIRCRAFT ENGINE SERVICE FAA REPAIR STATION DC2R763K

MARK D. LICKTEIG President 2702 N. SHERIDAN RD., BLDG. B TULSA, OK 74115

(918) 836-6836 FAX (918) 836-9431 E-MAIL custair@ionet.net

### Custom Airmotive, Inc.

FAA REPAIR STATION #DC2R763K
2702 N. SHERIDAN PH. 918-836-6836
Tulsa, Okla. 74115

### WARRANTY:

All engines rebuilt by Custom Airmotive after March 1, 1997, are guaranteed to be free from defects in material and workmanship, under normal use and service for six months or 240 hours; whichever occurs first. An additional prorated warranty will apply to parts only to manufacturers published T.B.O. Accessories will be guaranteed by the vendor. All parts and labor to be approved by Custom Airmotive prior to commencement of work. Cracked cylinders and crankcases excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. Proration to be based on hours logged, or 40 hours per month; whichever is greater.

								1		-	_	•					
QUANTITY	PART NO. 8	B DESC	CRIPTION	UNIT P	RICE	тот	AL				,			WO	RK ORDER	3	
1	Deduct fo	r no	carburet	or 0/	H	1200	00			Custom	Airmo		ic.	Иò	18381		
1 *	11 11		gear red			-2827	50			FAA REPAIR 2702 N. SHE							
6 *	11 11	11	cyl stud	о/н		-1521	00			TULSA		1 <b>15-232</b> 1					
1 *	11 11	11	cranksha	ft ce	rt.	-256	75			FAX	(918) 836	-9431					
6 *	11 11	11	conn rod	rewo	rk	-81	25	NAME Bill	Bardin	n			ATTN:				
12 *	11 11	11	rocker a	rm re	wor	k-148	20	1							DATE		
1	11 11	11	crankcas	cer	if	y-700	00	2203	Redman	n Road			STATE	ŽIP	6-16-0	3	
1	11 11	11	camshaft	cert	1fv	-103	50	1	kport			3	NY		14420		
			- Cambrial C	10010	1-7	100	30	PHONE		26	0=1 =	= 0.0	DATE IN	PROM	IISED		
*	Denotes i	tome	that we	10				585- N NO.	964-94	36 F: 585-	254-/	509 SHIP	6-16-03 VIA	TERMS			
	"in-house				1	1h c) +	-					Wat	tkins 5-4-04		PAID		
					T	na L	-	MODEL			SE	RIAL NO.	L-1510-34	CC	ORE MEMO NO.		
	we would		spent to	do t	ne	<u> </u>	-	ITEM	QUAN.				L-1310-34				T
	same work				-		_	NO.									$\vdash$
					-		<u> </u>	1	l ea	G0-480-G	2D6 E	ngine	Overhaul			25,400	00
				-	ļ	-											
																	ļ
										This air above	was reco	ime, airci ired and i	raft engine, propeller, or appliant inspected in accordance with m	ce identified anutacturers			
										specifi	cations ar	nd current	regulations of the Federal Aviation to service. Perlinent details of the	on Agency			
										on file	at this rep	air station	under Order				
										Signed	1838 M	10-	Linkling				
											M ÁIRMÓT I. SHERIDA	<del>ve, inc.</del> N BLDG. B	CERT. #DC2R76	53K			
					1					TUESA	OK 74115 6-6836						1
										. 910-00	0-0030						
	TOTAL PARTS				+												1
	SUBLET				1					the above repairing with necessary	ITEM		MECHANIC	TOTAL LA	ABOB	7104	72
	OOBELT					<u> </u>		materials may ope	s. You and erate above	your employees for purposes of	1	Johr	n Doll 4-7-04	TOTAL PA		10,657	
								testing, i	inspection of express management	echanic's lien is above to secure	Pd	<del> </del>	-04 \$10,000.00	1	JBLET Mags 0/		
					1			the amo	unt of repa	airs thereto. You ponsible for loss		-	1144 JD	FREIGHT			
								theft, ac		e in case of fire, any other cause	Pd	<del> </del>	0-04 \$8561.80				<b>†</b>
					+-			Jocyona	,	••	14		#1155 JD		T.1.		+
	TOTAL SUBLE			+	-	-	-		AUTHORIZ	ZED BV	-	UK 1	LIIJJ JN	-	TAX	18,561	80
	I IVIAL SUBLE			4		,			77011101114			1		1	IUIAI	1 - O 1 - O L	

## Custom Airmotive, Inc.

# AIRCRAFT ENGINE SERVICE FAA REPAIR STATION #DC2R763K 2702 N SHERIDAN RD - BLDG B - TULSA - OK - 74115 918.836.6836 FAX 918.836.9431

### **ENGINE RUN-IN SHEET**

CUST	OMER B	ill Bard	in		,	W.O. NO.	18381	
ADD	RESS 2:	203 Redm	an Road			DATE	4-19-04	***************************************
SITY	, STATE, ZIP	Brockp	ort, NY	14420		ENGINE M	ODEL <sub>GO-48</sub>	80-G2D6
UEL	OCTANE =	AVGAS 10	00 LL			SERIAL NO	L-1510-3	4
NO.	DURATION (MINUTES)	R.P.M.	OIL PRESS (PSI)	C.H.T. (deg. F)	MANIFOLD PRESS (PSI)	OIL TEMP (deg. C)	FUEL PRESS (PSI) FUMP/NOZ	CRANKCASE PRESS (In. H2O)
1	5	1200	79	225	16	50	gravity	0
2	5	1600	75	300	17	78	11	1/8"
3	5	2000	75	325	19	89	11	1/4"
4	10	2200	75	350	20	91	11	3/8"
5	10	2400	78	375	24	89	11	9/16"
6	10	2700	78	400	25	90	11	3/4"
7	10	2850	85	400	26	80	11	1 1/2"
8	5	3400	81	400	27	90	11	1 3/4"
9	60	2850	85	400	25	82	11	1 1/2"
10	5	650	50	300	15	92	11	0
11								
12								
REM	ARKS: Star	t 84.8 e	end 86.9					
MAG	CHECK - STAI	RT: OK EN	ID: OK		(	OIL - START:	10 END: 10 q	ıt.
		n					has	$0 \mathcal{P}_{\mathbf{A}}$

INSPECTED

**MECHANIC** 

	ENGINE RECORD — GENERAL INFORMATION	
MANUFACTURER LYCOMING	(AVCO) MODEL GO 480	-6206
SERIAL RL-1339-34	TYPE C	ERTIFICATE E- 275-10
THIS ENGINE IS CURRENTLY INSTALLED IN A	(AVCO) MODEL GO 480  TYPE CO  IRCRAFT REPUBLIC RC-3	N 6386 K
MINIMUM OCTANE FUEL /60 LL	OIL GRADE SUMMER Dava Shee	llw 100 WINTER Com Shell w 65
MAGNETO TIME 250	POINT SETTING -0/6 + . 003	FIRING ORDER 1. 4-5-2-3-6
SPARK PLUG GAP .016021		
MFG. RECOMMENDED OVERHAUL AT 120	W/7/16VALUE HOURS.	
1400	w/ 1/2 VALUE	

The Standard



2004 18-	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/10	ACTT	1294.	7	AMMUAL (100hr) INSPECTION CONDUCTED IN
	ENGIT			ACCORDANCE with CURRENT REpubliCA RC-3
	ENIGTSC	1008,4		MAINTENANCE MANCHE / LYCOMING MAINT, MINICHE
				MAINTENANCE MANUAC LYCOMING MAINT, MANUAL AND FAR 43 APPENDIX DILINGER COMPRESSION
	ChECKS	175 F	ollows	· 1-74 2-75 3-73 4-75 5-72 6-77/80 DRAINED
	OIL RE	MOTE	d/INSÓ	ECTED FILTER INSTALLED NEW CHAMPION OIL
1				& ENGINE with lost AEROSHELL W100 A.D. O.L.
				INSPECTED AND ROTATED SPRKPLIGS. C/W A.D
	96-12-0	7 MA	CALE TO IN	POLSE INSPECTION - SATISFACTORY REPLACED INDUCTION
				NT BA 6108. PERFORMED ALL ROUTINE MAINTENIANCE
	AND L	ubrici	etion s	ENGINE GROUND RAN FOR OPERATIONAL
	CHECK		OF	ALL ENGINE CONTROL AND MONITORING

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	Systan	5. Prop	govale	ANICH AND REVERSING CONTROLS CHECKED AND FOUND
				04-09 AND ARE IN COMPLIANCE. I
	CERTIF	1 HT	TT This	S ENGINE has BEEN IN SPECTED IN ACCORDAN
	with FOR	10	RNNUA	L / 100 hr INSPECTION AND IS APPROVED
		NETO	/ //	Genald C. Belcher IA. 065441920

HO ACTI

DATE 2005	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
ACTT.	1921.4	5/28	105	ANNUAL / 100hR INSPECTION CONducted
EM971	40655 113.	5./		IN ACCORDANCE with CURRENT REPUBLIC
ENGTSO	H35.1			RC-3 MAINTENANCE MANUAL / Lycoming 60-480
	SERICE	mAI	IVAL ,	and FAR 43 APPENDIX DINSPECTION CHECKLISTS
	AND,	DERTI	NENT	FAA REGULATIONS. CYLINDER COMPVESSION
	TE51	RESUL	ts As	Follows: 1-74, 2-72, 3-72, 4-75, 5-716-74/30
	DRAINE	Ed 0.	L, RET	MOVED INSPECTED FILTER AND INSTALLED
	NEW (	ChAM	21014	OIL FILTER PLACH 48109-1 AND SERVICED
	ENGIN	Ew	th 10	gt AEROSHELL 100W A.D. OIL LEAK CHECKED
	SATISF	ACTOR	1. Keri	POVED CLEANED REGAPPED AND ROTATED
	SPARK	PLug	SAT	INSTALLATION! INSTALLED NEW INDUCTION
	MIR 7	LITER	(BA 61	08) C/W A-D 98-18-12 ROTARY FUEL PUMP TORQUE
	ACTT.	TACH TIME  ACTT 1821.4  ENGTSO H35.1  SERICE AND TEST  DRAINE NEW SATISF	ACTT 1821.4 5/28  ENGISC H35.1  SERICE MAN AND DERFI  TEST RESUL  DRAINE O O  NEW CHAM  ENGINE W  SATISFACTORY	TACH TODAYS TIME IN SERVICE  ACTT 1821.4 5/28/05  ENGISO H35.1  SERICE MANUAL  AND DERFINENT  TEST RESULTS AS  DRAINED OIL, RET  NEW CHAMDION  ENGINE WITH 10  SATISFACTORY, RET

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	INSPEC	TION	SATIST	-ACTORY AT This TIME, NO FURTHER ACTION
	REGUIR	Ed P	ER A.D.	WASH down ENGINE, GROWNED AND PERFORME
	ALL RO	STINE	mAI	NTENANCE AND LUBRICATIONS, GROUND RAN
				RATIONAL CHECKS OF ALL ENGINE CONTROL
			/	AND MONITORING SYSTEMS, ALL SATISFACTORY
	AT T	515 -	TIME.	A.DS CHECKED THRU DIWEEKLY LISTING OSO
				LIANCE. I CERTIFY This ENGINE HAS BEEN
	INSPEC			accordant with AN ANNUAL (100 hr) Type
	INSPE	CTION		d is Approved for Return To SERVICE.
				Gerald C. Belcher IA06544192

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at at at at

Date 5/23/06	N6386K		IES.
STOL Amphibian Corp. Lycoming GO-480-G2D6 ACTT 1507.4	Model Republic RC-3 HOBBS 1221.1	S/N 615 S/N RL-1339-34 ENGTSO 1221.1	
Annual(100hr)Engine inspection Manual inspection checklist,FAR and inspected filter.Installed new	conducted in accordance with F	Republic RC-3 /Lycoming Service at FAA regulations. Drained oil ,removed and 10gts. Aeroshell W100 oil. Cylinder	

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Date 5/28/07	N6386K	
STOL Amphibian Corp. Lycoming GO-480-G2D6 ACTT 1595.7	Model Republic RC-3 HOBBS 1309.4	S/N 615 S/N RL-1339-34 ENGTSO 1309.4
1 11° 4 T A T	42 Ammondia D and all nerrinen	Republic RC-3 /Lycoming Service
Manual inspection checklist, FAR and inspected filter. Installed new	Champion oil filter CH48109-1	and 10qts. Aeroshell W100 oil. Cylinder 6-68. Performed all routine maintenance
Manual inspection checklist,FAR and inspected filter.Installed new compression test results as follow and lubrications,ground ran enging	C 43 Appendix D and all pertiner Champion oil filter CH48109-1 vs; 1-72, 2-74, 3-71, 4-69, 5-70, the for operational and functional	and 10qts. Aeroshell W100 oil. Cylinder 6-68. Performed all routine maintenance checks of all engine control and and are in compliance. I certify that this
Manual inspection checklist,FAR and inspected filter.Installed new compression test results as follow and lubrications,ground ran enging	2 43 Appendix D and all pertinent Champion oil filter CH48109-1 ws; 1-72, 2-74, 3-71, 4-69, 5-70, ne for operational and functional d through biweekly listing 10-07 cordance with an annual type inspection.	and 10qts. Aeroshell W100 oil. Cylinder 6-68. Performed all routine maintenance checks of all engine control and

Date 5/14/08	N6386K	
STOL Amphibian Corp.	Model Republic RC-3 S/N 615	ES
Lycoming GO-480-G2D6	S/N	
ACTT 1654.0	HOBBS 1367.7 ENGTSO 0.0	-
Installed above engine in accorda	ance with STOL Amphibian Corp. Model RC-3, service manual, Lycoming	-
	ll applicable STC information and all pertinent FAA regulations.Replaced	
	ent hardware, all fuel and oil lines. Removed, cleaned, primed, painted and	-
*	actory for installation.Inspected, cleaned, primed,resealed, and painted	
	Cleaned, flushed, and pressure tested oil cooler-all satisfactory.Installed	
-	d all baffle seals and replaced as required. Inspected all engine electrical	
	lamaged or aged components as required.	_
	conducted in accordance with Republic RC-3 /Lycoming Service R 43 Appendix D and all pertinent FAA regulations. Installed new	-
	and 10qts. Aeroshell 100 Minereal oil. Performed all routine maintenance	
	ne for operational and functional checks of all engine control and	-
	d through biweekly listing 09-08 and are in compliance. I certify that this	
	ordance with an annual type inspection and is determined to be in	
airworthy condition and is approve		
	Gerald C.Belcher AP 065441920 IA	

N6386K Date 5/14/09 STOL Amphibian Corp. Model Republic RC-3 S/N 615 Lycoming GO-480-G2D6 S/N ACTT 1813.4 HOBBS 1527.1 **ENGTSO 159.4** Annual(100hr)Engine inspection conducted in accordance with Republic RC-3 /Lycoming Service Manual inspection checklist, FAR 43 Appendix D and all pertinent FAA regulations. Installed new Champion oil filter CH48109-1 and 10qts. Aeroshell W100 oil. Cylinder compression test results as follows; 1-78, 2-77, 3-73, 4-75, 5-77, 6-72. Performed all routine maintenance and lubrications, ground ran engine for operational and functional checks of all engine control and monitoring systems. ADs checked through biweekly listing 10-09 and are in compliance. I certify that this engine has been inspected in accordance with an annual type inspection and is determined to be in airworthy condition and is approved for return to service.

Gerald C.Belcher

AP 065441920 IA

Date 4/24/10	N6386K			IES.
STOL Amphibian Corp. Lycoming GO-480-G2D6 ACTT 1915.2	Model Republic RC-3 HOBBS 1628.9	S/N 615 S/N ENGTSO	261.2	
Annual(100hr)Engine inspection of Manual inspection checklist,FAR Champion oil filter CH48109-1 ar follows; 1-74, 2-72, 3-77, 4-71, 5-engine for operational and function through biweekly listing 07-10 and accordance with an annual (100 heapproved for return to service.	43 Appendix D and all pertinent of 10qts. Aeroshell W100 oil. Co. 74, 6-72. Performed all routine and checks of all engine control d are in compliance. I certify that the inspection and is determined.	t FAA regulation cylinder compres e maintenance an l and monitoring to this engine has	sion test results as d lubrications, ground ran systems. ADs checked been inspected in worthy condition and is	

OF ES.)

DATE RECORDING TOTAL TACH TODAYS TIME I TIME FLIGHT SERVICE	N ENTRIES MUST BE ENDORSED WITH N	S, TESTS, REPAIRS AND ALTERATIONS HAME, RATING AND CERTIFICATE NUMBER OF BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Date 4/22/11	N6386K	
STOL Amphibian Corp	Republic RC-3	S/N 615
Lycoming GO-480-G2	D6	S/N L-1510-34
ACTT 1979.4	HOBBS 1693.1	ENGTSO 325.4
checklist, FAR 43 Appendix D ar follows; 1-77, 2-76, 3-76, 4-72, 5 Champion oil filter, P/N CH4810 satisfactory. Removed, inspected, Performed all routine maintenance checks of all control and monitor, listing 2011-11 and are in compli	conducted per Republic RC-3/Lycoming so all pertinent FAA regulations. Cylinder 1-77, 6-73/80. Drained oil, removed/inspect 9-1 and serviced engine with 10qt Aerosh cleaned, regapped, rotated and reinstalled e and lubrications, ground ran engine for an engine for an engine systems-all satisfactory at this time. At ance. I certify that this engine has been intermined to be in airworthy condition and Gerald C.Belcher AP 065441920 IA	compression test results as cted filter. Installed new all W100 AD oil. Leak checks d sparkplugs with new gaskets. operational and functional Os checked through biweekly spected in accordance with an is approved for return to service.

DATE

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENTRI	ES MUST BE END	DORSED WITH NAME,	STS, REPAIRS AND ALTERATIONS RATING AND CERTIFICATE NUMBER PAGES FOR OTHER SPECIES ENTOS
	Date 5/2	26/12			N6386	5K	
	STOL	Amph	ibian Co	rp.	Repul	blic RC-3	S/N 615
	Lycon	ning G	O-480-0	32D6			S/N L-1510-34
	ACTT	2036	.3		<b>HOBBS</b>	1750.0	ENGTSO 382.3
	checklist follows; Champic satisfactor Performe checks o	t, FAR 43 1-78, 2-7' on oil filte ory. Remo ed all rout f all contr 012-10 ar	Appendix I 7, 3-77, 4-7 r, P/N CH4 ved, inspectine maintent ol and mon- ind are in con-	D and all 3, 5-75, 8109-1 a ted, clea ance and toring sy mpliance determine	I pertinent FAA 6-72/80. Drained and serviced enganed, regapped, d lubrications, g ystems-all satisfies. I certify that the	regulations. Cylinded oil, removed/insigne with 10qt Aero rotated and reinstaground ran engine factory at this time, this engine has been	g service manual inspection der compression test results as pected filter. Installed new oshell W100 AD oil. Leak checks lled sparkplugs with new gaskets. For operational and functional ADs checked through biweekly inspected in accordance with an and is approved for return to service IA

-	Date 4/7/13	N6386K	
-	STOL Amphibian Corp.	Republic RC-3	S/N 615
_	Lycoming GO-480-G2D6		S/N L-1510-34
	ACTT 2081.8	HOBBS 1795.5	ENGTSO 427.8
-	Annual/100hr engine inspection condu		_

DATE

checklist, FAR 43 Appendix D and all pertinent FAA regulations. Cylinder compression test results as follows; 1-72, 2-77, 3-74, 4-76, 5-76, 6-74/80. Drained oil, removed/inspected filter. Installed new Champion oil filter, P/N CH48109-1 and serviced engine with 10qt Aeroshell W100 AD oil. Leak checks satisfactory. Removed, inspected, cleaned, regapped, rotated and reinstalled sparkplugs with new gaskets. Performed all routine maintenance and lubrications, ground ran engine for operational and functional checks of all control and monitoring systems-all satisfactory at this time. ADs checked through biweekly listing 2013-08 and are in compliance. I certify that this engine has been inspected in accordance with an annual/100hr type inspection, determined to be in airworthy condition and is approved for return to service.

Gerald C.Belcher AP 065441920 IA

Gerald C.Belcher AP 065441920 IA Guald C. Belchev Date 10/5/13

Date 10/5/13

N6386K

STOL Amphibian Corp. Republic RC-3

Lycoming GO-480-G2D6

ACTT 2135.1

HOBBS 1848.8

ENGTSO 481.1

Annual/100hr engine inspection conducted using Republic RC-3/Lycoming service manual inspection checklist, FAR 43 Appendix D as a guideline, and all pertinent FAA regulations. Cylinder compression test results as follows; 1-74, 2-76, 3-74, 4-76, 5-78, 6-72/80. Drained oil, removed/inspected filter. Installed new Champion oil filter. P/N CH48109-1 and serviced engine with 10gt Aeroshell W100 AD oil, Leak

results as follows; 1-74, 2-76, 3-74, 4-76, 5-78, 6-72/80. Drained oil, removed/inspected filter. Installed new Champion oil filter, P/N CH48109-1 and serviced engine with 10qt Aeroshell W100 AD oil. Leak checks satisfactory. Removed, inspected, cleaned, regapped, rotated and reinstalled sparkplugs with new gaskets. Replaced induction air filter. Performed all routine maintenance and lubrications, ground ran engine for operational and functional checks of all control and monitoring systems-all satisfactory at this time. ADs checked through biweekly listing 2013-18 and are in compliance. I certify that this engine has been inspected in accordance with an annual/100hr type inspection, determined to be in airworthy condition and is approved for return to service.

Gerald C.Belcher AP 065441920 IA Derald C. Belcher

DATE RI	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)	TOTAL TODAYS TIME IN FLIGHT SERVICE	RECORDING TACH TIME	DATE 2014
	Oil change, auriol IV W World St 1526906		16703	1/13
	5386K Lycoming GO-480-G2D6 Serial # L-	/21/2014 Ne	10	
	s 1912.0 544.3 TSMOH Annual Inspection	10-34 Hobbs	15	
	Filled with Aeroshell 100W. Installed new spark plugs.	4		
	0, #2 74/80, #3 77/80, #4 72/80, #5 74/80, #6 76/80. Inspected  n. Lubed engine controls. Complied with AD 2003-14-03 To			
	mp leaks by torqueing and inspecting rotary fuel pump. Due in 50			
	is engine has been inspected in accordance with an Annual	•	1	
	to be airworthy at this time.	ection and found	insp	
	nke, IA 3453613	hard C. Pahr	Ric	
	VV	harry Cla	Ku	

19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER O MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.
	_			6K Lycoming GO-480-G2D6 Serial # L-1510-
	34 ⊦	lobbs	1931.0	563.3 TSMOH Annual Inspection
	Compronent control beta control inspect	ession #2 ls. Inspec ontrol. I c tion and	1 78/80, #2 cted exhau certify that	ed with Aeroshell 100W. Cleaned and gapped spark plugs.  2 78/80, #3 78/80, #4 76/80, #5 78/80, #6 78/80. Lubed engine list system. Degreased engine. Lubricated and adjusted propeller in this engine has been inspected in accordance with an Annual per airworthy at this time.  2 IA 3453613

OF ES.)

C	TOTAL TODAYS TIME IN SERVICE DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)	DATE R
_	2/08/2017 N6386K Lycoming GO-480-G2D6 Serial # L-	1
_	1510-34 Hobbs 1951.0 583.3 TSMOH Annual Inspection	
_	Changed oil and filter. Filled with Aeroshell 100W. Cleaned spark plugs. Compression #1 78/80, #2 78/80, #3 77/80, #4 76/80, #5 78/80, #6 78/80. Installed propeller governor	
	model F210472 serial # 1486086A after overhaul by H&H Propeller service CRS #	
	PS4R451M work order # 21920. Complied with AD 2003-14-03 To prevent rotary fuel	
	pump leaks by torque inspection. No defects noted. Due in 50 hours. Inspected exhaust system. I certify that this engine has been inspected in accordance with an Annual	
_	inspection and found to be airworthy at this time.	
	Richard C. Pahnke IA 3453613 Richard Leliele	
		-



## SERVICEABLE PART

77	SERVICEABLE PART						
110	MANUFACTURER Woodnard						
20	PART NAME GEVERNOR						
(	MODEL = 216472						
4	PART NO.						
2	SERIAL NO. 1486086H						
3	REMARKS: Overhausel cim 518 33531,						
6	and the same of th						
	checked and fisted.						
1							
1	-						
-							
1	ACCOMPLISHED BY MARK BLANCHARD						
	THE AIRCRAFT PROPELLER OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.  PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER:						
	Order No. 21920 Date 24 JAN 17						
	Signed Signature of Authorized Representative						
	FOR:						
	H & H PROPELLER SERVICE Burlington Municipal Airport						
	Burlington, NC 27215						
	F.A.A. REPAIR STATION NO. PS4R451M;						
	21						
_							

DATE RECORDIN TACH TIME

ATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	04/0	2/2046	NGOOG	W D
	04/0	2/2018	3 N6386	K Republic RC-3 Serial # 615 Hobbs 1967.0
	2253	3.3 TTA	F Annua	al Inspection
	-1			. This ELT has been tested and inspected in accordance with FAR
	1			comply at this time. Cleaned and packed wheel bearings. Ran landing
	1	55		y. Lubed all hinges, pulleys, and rod ends. Installed cabin skin
	2000			nce with Seabee service letter # 48. Installed two new Gill G25
	batteri	ies. Comp	lied with Al	D 53-23-03 Lift strut fittings inspection by inspection. No defects
	noted.	Due in 25	5 hours or 6	months. I certify that this airframe has been inspected in accordance
	with a	n Annual i	inspection a	and found to be airworthy at this time.
	+			0.000//
	Richa	ard C. F	Pahnke	IA 3453613 Rilsel C Pelvlee
	7			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	-	1	1	

TOTAL TIME IN SERVICE	FAA FORM	REFERENCE OF MA ACA-337 BY DATE, OR TO	JOR REPAIRS AND MAJO O THE WORK ORDER BY NU	OR ALTERATIONS TO MBER AND THE APPROVING AGEI
WITH TRAN	TC TRANSPORT AND	PAPED THIS PENDIX F, AND MAKE:  MAKE:  W/O  1603	3 91.413	REQUIRED BY FAR D TO COMPLY AGRAPH C. S/N F/W000572 S/N

TE TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO	VING AGENCY.
PN 066-1 Wing stru Complied voltage re battery d inspected	MLG toque link, repacked and serviced LH strut, replaced brake linings MLG toque link, repacked and serviced LH strut, replaced brake linings 4100, bake caliper packing PN AN6227-23. Complied with A.D. 53-23-03 at attachment fittings, no defects noted. Next due hobbs 2063.6 or 11/19/23. It attachment fittings, no defects noted. Next due hobbs 2063.6 or 11/19/23. It with S.B. 48 installation of AFT cabin DBLR. Replaced Alternator PN 7565T, legulator PN 2M24SP. Inspected and tested ELT in accordance with 91.207, regulator PN 2M24SP. Inspected aircraft, replaced landing light lens, use 2027. Lubed and serviced aircraft, replaced by unknown person. It altimeter, VSI, MP, ASI, installation replaced by unknown person. It tailwheel fork with serviceable unit. Inspected aircraft in accordance with spection per 14CFR APPD. Approved for return to service.	

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N6386K AIRFRAME 5/19/23  HOBBS 2038.6  ACFTT 2324.9  Replaced MLG torque link, repacked and serviced LH strut, rep PN 066-14100, brake caliper packing PN AN6227-23. Complied Wing strut attachment fittings, no defects noted. Next due hold Complied with S.B. 48 installation of AFT cabin DBLR. Replaced voltage regulator PN 2M24SP. Inspected and tested ELT in accordance and tested ELT in accordance and serviced aircraft, replaced landing inspected altimeter, VSI, MP, ASI, installation replaced by unkn Replaced tailwheel fork with serviceable unit. Inspected aircraft	ATE	TOTAL TIME IN REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
ACFTT 2324.9  Replaced MLG torque link, repacked and serviced LH strut, rep PN 066-14100, brake caliper packing PN AN6227-23. Complied Wing strut attachment fittings, no defects noted. Next due hole Complied with S.B. 48 installation of AFT cabin DBLR. Replaced voltage regulator PN 2M24SP. Inspected and tested ELT in accordance battery due 2027. Lubed and serviced aircraft, replaced landing inspected altimeter, VSI, MP, ASI, installation replaced by unkn Replaced tailwheel fork with serviceable unit. Inspected aircraft		SERVICE FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.
ACFTT 2324.9  Replaced MLG torque link, repacked and serviced LH strut, rep PN 066-14100, brake caliper packing PN AN6227-23. Complied Wing strut attachment fittings, no defects noted. Next due hole Complied with S.B. 48 installation of AFT cabin DBLR. Replaced voltage regulator PN 2M24SP. Inspected and tested ELT in accordance battery due 2027. Lubed and serviced aircraft, replaced landing inspected altimeter, VSI, MP, ASI, installation replaced by unkn Replaced tailwheel fork with serviceable unit. Inspected aircraft		N6386K AIRERAME 5/10/23
ACFTT 2324.9  Replaced MLG torque link, repacked and serviced LH strut, rep PN 066-14100, brake caliper packing PN AN6227-23. Complied Wing strut attachment fittings, no defects noted. Next due hol Complied with S.B. 48 installation of AFT cabin DBLR. Replaced voltage regulator PN 2M24SP. Inspected and tested ELT in accordant battery due 2027. Lubed and serviced aircraft, replaced landing inspected altimeter, VSI, MP, ASI, installation replaced by unkn Replaced tailwheel fork with serviceable unit. Inspected aircraft		HOBBS 2038 6
Replaced MLG torque link, repacked and serviced LH strut, rep PN 066-14100, brake caliper packing PN AN6227-23. Complied Wing strut attachment fittings, no defects noted. Next due hole Complied with S.B. 48 installation of AFT cabin DBLR. Replaced voltage regulator PN 2M24SP. Inspected and tested ELT in accompacted due 2027. Lubed and serviced aircraft, replaced landing inspected altimeter, VSI, MP, ASI, installation replaced by unkn Replaced tailwheel fork with serviceable unit. Inspected aircraft		
Chris Rhodes AP 311847140 IA		Wing strut attachment fittings, no defects noted. Next due hobbs 2063.6 or 11/19/23.  Complied with S.B. 48 installation of AFT cabin DBLR. Replaced Alternator PN 7565T, voltage regulator PN 2M24SP. Inspected and tested ELT in accordance with 91.207, battery due 2027. Lubed and serviced aircraft, replaced landing light lens, inspected altimeter, VSI, MP, ASI, installation replaced by unknown person.  Replaced tailwheel fork with serviceable unit. Inspected aircraft in accordance with Annual inspection per 14CFR APPD. Approved for return to service.

MITE	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
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