

ENGINE MAJOR OVERHAULED TO MANUFACTURERS SPECIFICATIONS.

TT\_\_\_\_\_ TSMOH 2.1 (test run)

Model GO-480-G2D6 S/N L-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.

Work order no. 18381

Date May 04, 2004 Signed *Mark D. Lutting* 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 with CHANNEL CHROME cylinders.

AIRWORTHINESS DIRECTIVES FOR: TYPE CERTIFICATE NUMBER E-275

MODEL GO-480-G2D6 S/N L-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.
2003-14-03	FUEL PUMP NOT FURNISHED W/OVERHAUL.

SIGNED *Mark D. Lutting* for CRS# DC2R763K on May 04, 2004


SUB-TOTALS this page

TOTALS-Carry forward to next page



**Custom Airmotive, Inc.**

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



**Custom Airmotive, Inc.**

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](mailto: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.

QUANTITY	PART NO. & DESCRIPTION	UNIT PRICE	TOTAL
1	Deduct for no carburetor O/H	-1200	00
1 *	" " " gear red. O/H	-2827	50
6 *	" " " cyl stud O/H	-1521	00
1 *	" " " crankshaft cert.	-256	75
6 *	" " " conn rod rework	-81	25
12 *	" " " rocker arm rework	-148	20
1	" " " crankcase certify	-700	00
1	" " " camshaft certify	-103	50

\* Denotes items that we do "in-house"; we are deducting what we would have spent to do the same work

NAME Bill Bardin		ATTN:	
ADDRESS 2203 Redman Road			DATE 6-16-03
CITY Brockport		STATE NY	ZIP 14420
PHONE 585-964-9436 F: 585-254-7509		DATE IN 6-16-03	PROMISED
N NO.	P.O.	SHIP VIA Watkins 5-4-04	TERMS PAID
MODEL		SERIAL NO. L-1510-34	CORE MEMO NO.

ITEM NO.	QUAN.			
1	1 ea	GO-480-G2D6 Engine Overhaul	25,400	00

This aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with manufacturers 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 Order No. 18381 Date 4-7-04  
Signed M. D. Linking  
CUSTOM AIRMOTIVE, INC.  
2702 N. SHERIDAN BLDG. B  
TULSA, OK 74115  
918-836-6836  
CERT. #DC2R763K

TOTAL PARTS				
SUBLET				
TOTAL SUBLET				

I hereby authorize the above repair work to be done along with necessary materials. You and your employees may operate above for purposes of testing, inspection or delivery at my risk. An express mechanic's lien is acknowledged on above to secure the amount of repairs thereto. You will not be held responsible for loss or damage to above in case of fire, theft, accident or any other cause beyond your control.

AUTHORIZED BY

ITEM	MECHANIC	TOTAL LABOR		
1	John Doll 4-7-04	TOTAL PARTS	10,657	08
Pd	3-15-04 \$10,000.00	TOTAL SUBLET Mags O/H	800	00
	Ck #1144 JD	FREIGHT		
Pd	4-30-04 \$8561.80			
	CK #1155 JD	TAX		
		TOTAL	18,561	80

  
**Custom Airmotive, Inc.**  
AIRCRAFT ENGINE SERVICE  
FAA REPAIR STATION #DC2R763K  
2702 N. SHERIDAN RD. BLDG. B  
TULSA, OK 74115-2321  
(918) 836-6836  
FAX (918) 836-9431

**WORK ORDER**  
**Nº** 18381

# 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

CUSTOMER Bill Bardin

W.O. NO. 18381

ADDRESS 2203 Redman Road

DATE 4-19-04

CITY, STATE, ZIP Brockport, NY 14420

ENGINE MODEL GO-480-G2D6

FUEL OCTANE = AVGAS 100 LL

SERIAL NO. L-1510-34

NO.	DURATION (MINUTES)	R.P.M.	OIL PRESS (PSI)	C.H.T. (deg. F)	MANIFOLD PRESS (PSI)	OIL TEMP (deg. C)	FUEL PRESS (PSI) PUMP/NOZ	CRANKCASE PRESS (In. H <sub>2</sub> O)
1	5	1200	79	225	16	50	gravity	0
2	5	1600	75	300	17	78	"	1/8"
3	5	2000	75	325	19	89	"	1/4"
4	10	2200	75	350	20	91	"	3/8"
5	10	2400	78	375	24	89	"	9/16"
6	10	2700	78	400	25	90	"	3/4"
7	10	2850	85	400	26	80	"	1 1/2"
8	5	3400	81	400	27	90	"	1 3/4"
9	60	2850	85	400	25	82	"	1 1/2"
10	5	650	50	300	15	92	"	0
11								
12								

REMARKS: Start 84.8 end 86.9

MAG CHECK - START: OK END: OK

OIL - START: 10 END: 10 qt.

MECHANIC

*Ry*

INSPECTED

*Mahd Lichter*

# ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming (AVCO) MODEL G0480-G206  
 SERIAL RL-1339-34 TYPE CERTIFICATE E-275-10  
 THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT REPUBLIC RC-3 N6386K

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MINIMUM OCTANE FUEL 100LL OIL GRADE SUMMER Castrol Shell w100 WINTER Castrol Shell w65  
 MAGNETO TIME 25° POINT SETTING .016 ± .003 FIRING ORDER 1-4-5-2-3-6  
 SPARK PLUG GAP .016 - .021

MFG. RECOMMENDED OVERHAUL AT 1200 HOURS. w/ 7/16 VALVE  
1400 w/ 1/2 VALVE

The Standard



ENGINE LOG

DATE 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	ACTI	1294.7		ANNUAL (100HR) INSPECTION CONDUCTED IN
	ENGT	—		ACCORDANCE WITH CURRENT REPUBLIC RC-3
	ENGTSC	1008.4		MAINTENANCE MANUAL / LYCOMING MAINT. MANUAL AND FHR 43, APPENDIX "D" INSPECTION CHECK LISTS. CYLINDER COMPRESSION
				CHECKS AS FOLLOWS: 1-74, 2-75, 3-73, 4-75, 5-72, 6-77/80. DRAINED
				OIL, REMOVED / INSPECTED FILTER INSTALLED NEW CHAMPION OIL
				FILTER AND SERVICED ENGINE WITH 10qt AEROSHELL W100 A.D.O.I.
				REMOVED / CLEANED / INSPECTED AND ROTATED SPARKPLUGS. C/W A.D.
				96-12-07 MAGNETIC IMPULSE INSPECTION - SATISFACTORY. REPLACED INDUCTION
				AIR FILTER ELEMENT BA 6108. PERFORMED ALL ROUTINE MAINTENANCE
				AND LUBRICATIONS, ENGINE GROUND RAN FOR OPERATIONAL
				CHECKS OF ALL ENGINE CONTROL AND MONITORING

DATE 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 OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>SYSTEMS. Prop governor AND REVERSING CONTROLS CHECKED AND FOUND  TO BE SATISFACTORY AT THIS TIME A-Ds CHECKED THRU  BIWEEKLY LISTING 04-09 AND ARE IN COMPLIANCE. I  CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE  WITH AN ANNUAL/100HR INSPECTION AND IS APPROVED  FOR RETURN TO SERVICE.</p> <p style="text-align: right;">Gerald C. Belcher) IA. 065441920</p>

DATE  
2005  
10

NO ACT  
NO ENG  
19750

DATE 2005 <del>19</del>	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.)
HO 100 ACT	1421.4	5/28/05		ANNUAL/100HR INSPECTION CONDUCTED
<del>ENG</del>	Hobbs 1035.1			IN ACCORDANCE WITH CURRENT REPUBLIC
ENG ISO	H35.1			RC-3 MAINTENANCE MANUAL/LYCOMING G0-480
	SERVICE	MANUAL	AND FAR 43 APPENDIX D	INSPECTION CHECKLISTS
	AND PERTINENT	FAA REGULATIONS.	CYLINDER COMPRESSION	
	TEST RESULTS AS FOLLOWS;	1-74, 2-72, 3-72, 4-75, 5-71, 6-74		180
	DRAINED OIL, REMOVED/INSPECTED	FILTER AND INSTALLED		
	NEW CHAMPION OIL FILTER	P/N CH48109-1 AND SERVICED		
	ENGINE WITH 10qt AEROSHELL 100W A.D. OIL. LEAK CHECKED			
	SATISFACTORY. REMOVED/CLEANED/REGAPPED AND ROTATED			
	SPARK PLUGS AT INSTALLATION. INSTALLED NEW INDUCTION			
	AIR FILTER (BAWES) C/W A-D 98-18-12 ROTARY FUEL PUMP TORQUE			



DATE 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 OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>INSPECTION / SATISFACTORY AT THIS TIME, NO FURTHER ACTION            REQUIRED PER A.D. WASH DOWN ENGINE, <del>GROUND RAN</del> PERFORMED            ALL ROUTINE MAINTENANCE AND LUBRICATIONS, GROUND RAN            ENGINE FOR OPERATIONAL CHECKS OF ALL ENGINE CONTROL,            PROP CONTROL AND MONITORING SYSTEMS, ALL SATISFACTORY            AT THIS TIME. A.D.S CHECKED THRU BIWEEKLY LISTING 08-09            AND ARE IN COMPLIANCE. I CERTIFY THIS ENGINE HAS BEEN            INSPECTED IN ACCORDANCE WITH AN ANNUAL (100HR) TYPE            INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.</p> <p style="text-align: right;">Gerald C. Belcher IA065411920</p>

Date 5/23/06

N6386K

OF  
(ES.)

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 conducted in accordance with Republic RC-3 /Lycoming Service Manual inspection checklist,FAR 43 Appendix D and all pertinent FAA regulations. Drained oil ,removed and inspected filter.Installed new Champion oil filter CH48109-1 and 10qts. Aeroshell W100 oil. Cylinder compression test results as follows; 1-71, 2-74, 3-70, 4-72, 5-68, 6-68. 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 10-06 and are in compliance.I certify that this aircraft 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*

Gerald C. Belcher AP 065441920 IA

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Date 5/28/07

N6386K

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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

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. Drained oil ,removed and inspected filter.Installed new Champion oil filter CH48109-1 and 10qts. Aeroshell W100 oil. Cylinder compression test results as follows; 1-72, 2-74, 3-71, 4-69, 5-70, 6-68. 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 10-07 and are in compliance.I certify that this aircraft 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*  
Gerald C. Belcher AP 065441920 IA

Date 5/14/08

N6386K

DA

19.

STOL Amphibian Corp.

Model Republic RC-3

S/N 615

Lycoming GO-480-G2D6

S/N

ACTT 1654.0

HOBBS 1367.7

ENGTSO 0.0

Installed above engine in accordance with STOL Amphibian Corp. Model RC-3, service manual, Lycoming GO-480-G2D6 service manual, all applicable STC information and all pertinent FAA regulations. Replaced all motor mounts, motor attachment hardware, all fuel and oil lines. Removed, cleaned, primed, painted and inspected motor mount-all satisfactory for installation. Inspected, cleaned, primed, resealed, and painted engine compartment as required. Cleaned, flushed, and pressure tested oil cooler-all satisfactory. Installed new induction air filter. Inspected all baffle seals and replaced as required. Inspected all engine electrical systems and replaced any worn, damaged or aged components as required.

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 100 Minereal oil. 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 09-08 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

OF  
ES.)

1 Date 5/14/09

N6386K

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*  
Gerald C.Belcher AP 065441920 IA

Date 4/24/10

N6386K

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 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; 1-74, 2-72, 3-77, 4-71, 5-74, 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 07-10 and are in compliance.I certify that this engine has been inspected in accordance with an annual (100 hr)type inspection and is determined to be in airworthy condition and is approved for return to service.

*Gerald C. Belcher*  
Gerald C.Belcher AP 065441920 IA

DATE 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 OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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DATE 19__
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Date 4/22/11

N6386K

STOL Amphibian Corp.

Republic RC-3

S/N 615

Lycoming GO-480-G2D6

S/N L-1510-34

ACTT 1979.4

HOBBS 1693.1

ENGTSO 325.4

Annual/100hr engine inspection conducted per Republic RC-3/Lycoming service manual inspection checklist, FAR 43 Appendix D and all pertinent FAA regulations. Cylinder compression test results as follows; 1-77, 2-76, 3-76, 4-72, 5-77, 6-73/80. 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 2011-11 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*

DATE 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 OF MECHANIC OR REPAIR FACILITY (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
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Date 5/26/12

N6386K

STOL Amphibian Corp.

Republic RC-3

S/N 615

Lycoming GO-480-G2D6

S/N L-1510-34

ACTT 2036.3

HOBBS 1750.0

ENGTSO 382.3

Annual/100hr engine inspection conducted per Republic RC-3/Lycoming service manual inspection checklist, FAR 43 Appendix D and all pertinent FAA regulations. Cylinder compression test results as follows; 1-78, 2-77, 3-77, 4-73, 5-75, 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. 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 2012-10 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*



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 conducted per Republic RC-3/Lycoming service manual inspection 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*

DATE

19\_\_

DATE

19\_\_

Date 10/5/13

N6386K

STOL Amphibian Corp.

Republic RC-3

S/N 615

Lycoming GO-480-G2D6

S/N L-1510-34

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 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

*Gerald C. Belcher*



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.)
19__				

Changed oil and filter. Filled with Aeroshell 100W. Cleaned and gapped spark plugs. Compression #1 78/80, #2 78/80, #3 78/80, #4 76/80, #5 78/80, #6 78/80. Lubed engine controls. Inspected exhaust system. Degreased engine. Lubricated and adjusted propeller beta control. I certify that this engine has been inspected in accordance with an Annual inspection and found to be airworthy at this time.

Richard C. Palube

TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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**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	REC
19__	

2/08/2017 N6386K Lycoming GO-480-G2D6 Serial # L-  
 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



## SERVICEABLE PART

MANUFACTURER Woodward

PART NAME Governor

MODEL F210472

PART NO. \_\_\_\_\_

SERIAL NO. 1486086H

REMARKS: Overhauled c/w 5/8 33531

checked and tested. —

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]  
Signature of Authorized Representative

FOR:

H & H PROPELLER SERVICE

Burlington Municipal Airport

Burlington, NC 27215

F.A.A. REPAIR STATION NO. PS4R451M:

[illegible]