

The Standard



ENGINE LOG

ASA-SE-1

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming (AVCO) MODEL G-480-G206

SERIAL RL-1339-34 TYPE CERTIFICATE E-275-10

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT Republic RC-3 N6386K

MINIMUM OCTANE FUEL 100LL OIL GRADE SUMMER Shell 100 WINTER Shell 65

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
1400 HOURS W/ 7/16 VALVES
W/ 1/2 VALVES

The Standard

 ENGINE LOG

REGISTERED OWNER RECORD

NAME G. WILLIAM BARDIN ADDRESS 2203 REDMAN ROAD
 CITY BROOKPORT STATE NY FROM 5-94 TO _____
 NAME _____ ADDRESS _____
 CITY _____ STATE _____ FROM _____ TO _____
 NAME _____ ADDRESS _____
 CITY _____ STATE _____ FROM _____ TO _____
 NAME _____ ADDRESS _____
 CITY _____ STATE _____ FROM _____ TO _____
 NAME _____ ADDRESS _____
 CITY _____ STATE _____ FROM _____ TO _____

NOTES

This Engine was installed on 4/14/82 @ 286.3 TTAF
 A new Hour meter was also installed reading 0.0
 The following Accessories are installed

Prop - Hartzell	HC-A3VF-3L/LV8433N	S/N FFG
Fuel Pump - Lear-Romec	RG9080-F2	S/N D3273
L.H. MAG	Bendix 56LN 21 10-51365-32	S/N 627027
R.H. MAG	Bendix 56LN-20 10-51365-33	S/N A147095
CARB	Bendix PS5BD	S/N 375394
ALT	J. 565-1 24V	S/N 785-0759
VAC Pump	AIRBORNE 212CW	S/N 2552
Prop Gov.		
TACH GEN	GENERAL ELECTRIC 25808	S/N 110482

HOURS		HOURS		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	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	
1994				
5-14	52.3		52.3	Ferry flight from Bradford Regional Airport Bradford PA to Pine Hill Airport Albion NY. Alburden 080465255
6-4-94		NOTE:		All times on this Engine have been brought forward from original log. This is based on Hobbs meter installed at the same time as the engine. Lance Sherry AIC 92301308

DATE 1994	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.)
6-4	0052.3		0052.3	TTAF-338.5 Sprocial oil. Cleared gapped & tested spark plugs. Checked ignition leads. Performed differential pressure test ① 75/80 ② 75/80 ③ 77/80 ④ 75/80 ⑤ 78/80 ⑥ 77/80 Checked intake & exhaust systems. Weld repaired Exh stack for cyl # ^s 2,4+6 Installed new support clamp at #2 cylinder. C/W AD 94-01-03 on K.H. Mag 86LN-21 PW 10-51365-32 SP 627027 by replacing Magneto coil with sewable coil PW

DATE 19 <u>94</u>	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.)
6-4	0052.3	COAST		10-357164 IAW TCM service bulletin MSB 644. Inspected impulse coupling IAW TMC service bulletin MSB 645. Internally timed magnets, reinstalled on engine & timed to 25° BTDC. Adjusted RH mag to engine timing to 25° BTDC. C/W AD 76-07-12 by operational test post Maint runup and test flights were satisfactory. I certify this engine has been inspected IAW an Annual type inspection and was found to be

DATE 1994	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.)
64	00230.25		(338.6) TTAF	air in Airworthy condition AD fit to 94-09 checked Daniel Sherry A/P 93301308 IA
2-3-95	0080.3		(366.6) TTAF	oil changed 11 QTS Aeroshell 80W SCREEN INSPECTION NORMAL, Compression Hot over 90 PSI; 1=74 2=74 3=74 4=74 5=74 6=74, GREASED PROP, REPLACED GOVERNOR + REVERSOR VALVE GASKET, MS9144-01 REPIGLED REVERSOR VALVE IAW HARTZELL MANUAL #121. Final Ground Check. SATISFACTORY. J. A. S. A/P 1A62108

DATE 19 <u>95</u>	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.)
7-7	0108.0		0108.0	Drained oil. Removed, inspected cleaned + reinstalled sections and pressure oil screens. Found satisfactory. Cleaned, gapped + tested spark plugs. Performed differential pressure test: ① 79/80 ② 79/80 ③ 79/80 ④ 79/80 ⑤ 79/80 ⑥ 75/80 Checked Mag to Engine timing. Replaced induction air filter P/D BA 6108 C/W AD 95-03-02 Bando filter housing gasket. Found satisfactory. Serviced engine with 11 pts

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.)
1995				Run Shell w-100 oil. Post Maint runup was satisfactory I certify this Engine has been inspected I did an Annual Type wrap and was found to be airworthy AD list to 95-13 checked Daniel Shung 93301308 FA.

19.

2400 Colby Street • Hanger #1 • Brockport, NY 14420 • (716) 637-5870

BI-WEEKLIES RESEARCHED THRU 96-13.

ALTERATIONS
(CITE NUMBER OF
SPECIFIC ENTRIES.)

Tri-Flight Services, inc.

2400 Colby Street • Hanger #1 • Brockport, NY 14420 • (716) 637-5870

DATE
19____

RECORDING
TACH
TIME

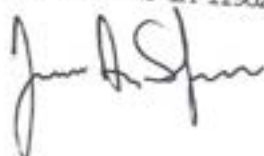
ONE
NUMBER OF
ENTRIES.)

SEPTEMBER 01 1997 N6386K HOBBS 217 TACH 503.3
COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APP. D FOLLOWING
MAINTENANCE COMPLETED:

- OIL SCREEN INSPECTION SATISFACTORY. OIL CHANGE NOT DUE PER CUST. REQUEST.
- COMPRESSION WARM OVER 80 AS FOLLOWS: 1=77 2=75 3=78 4=71 5=76 6=71
- ENGINE WASHED AND LUBRICATED.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND IS APPROVED FOR RETURN TO
SERVICE IN ACCORDANCE WITH AN ANNUAL INSPECTION. AD BI-WEEKLIES RESEARCHED
THRU 97-17.

JERRY A. SALZANO IA 119621083



DATE

19

Tri-Flight Services, inc.

2400 Colby Street • Hanger #1 • Brockport, NY 14420 • (716) 637-5870

OPERATIONS

TE NUMBER OF
CIFIC ENTRIES.)

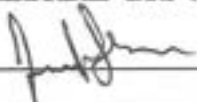
OCTOBER 17 1998 "SEA-BEE" REPUBLIC-VSTOL M#RC-3 S#615 N6386K

HOBBS 443 HOURS/729.3 TOTAL TIME

LYCOMING GO-480-G2D6 TIME SINCE FACTORY REMAN 443 HOURS

HARTZELL HCA3V-3L 443 TIME SINCE NEW

COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D. FOLLOWING
MAINTENANCE COMPLETED:-OIL AND FILTER CHANGED. FILTER INSPECTION SATISFACTORY. OIL SERVICED 12 QTS
AEROSHELL 100W. FILTER P#CH48109-COMPRESSION COLD OVER 80 PSI AS FOLLOWS:1=75 2=75 3=76 4=79 5=77 6=78 ALL
SATISFACTORY.-CW AD 98-18-12 (TEX. LAC.) ROTARY FUEL PUMP LEAR/ROHEC P#R09080F2 S#36989
FOUND SATISFACTORY IAW LYCOMING SB 529, REPEAT INSPECTION HOBBS 493. FOR
REFERENCE ONLY, A SATISFACTORY SUBSEQUENT TORQUE INSPECTION AT HOBBS 493 WILL
BE TERMINATING ACTION OF THIS AD 98-18-12.-CW AD 96-09-06 DETERMINED NOT APPLICABLE DUE TO "A/C" INSTALLED AIR FILTER
ASSY. NO FURTHER ACTION REQUIRED.

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME DATING AND CERTIFICATE NUMBER OF FIC ENTRIES.)
19__				-THE FOLLOWING ENTRY FOR REFERENCE ONLY. AD 96-12-07 MAGNETO IMPULSE COUPLING INSPECTION DUE AT AIRCRAFT HOBBS OF 552.3, DUE IN 109.7 HOBBS HOURS, NO ACTION TAKEN AT THIS TIME. -THE FOLLOWING ENTRY FOR REFERENCE ONLY. AD 97-18-02 HARTZELL PROP INSPECTION DUE AT 24 CALENDER MONTHS FROM EFFECTIVE DATE OF SEPTEMBER 11 1997. (EXPIRES OCT/99). -INSTALLED AIR WOLF FIREWALL OIL FILTER KIT. REQUIRED FIELD APPROVED FAA FORM 337 COMPLETED. SEE PERMANANT AIRCRAFT RECORDS FOR DETAILS THIS DATE. -ENGINE WASHED AND LUBRICATED AS REQUIRED. I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND IS APPROVED FOR RETURN TO SERVICE IN ACCORDANCE WITH AN ANNUAL INSPECTION. AIRWORTHINESS DIRECTIVE BI-WEEKLIES RESEARCHED THRU 98-20.  JERRY A. SALZANO IA119621063

DATE 19-99	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.)
11/11	ACTT	866.3		ANNUAL (100hr) INSPECTION CONDUCTED
	ENJTT			IN ACCORDANCE WITH CURRENT REPUBLIC
	ENJTSO	580.0		SERVICE MANUAL INSPECTION CHECKLIST AND
				FAR 43 APPENDIX D. DRAINED OIL, REMOVED/INSPECTED
				FILTER. INSTALLED NEW CHAMPION CH 48109 FILTER AND
				SERVICED ENGINE WITH 11qts AEROSHELL W100 A.D OIL.
				REMOVED, CLEANED, REGAPPED, TESTED AND ROTATED SPARK PLUGS.
				CYLINDER COMPRESSION TEST RESULTS AS FOLLOWS, 1-75, 2-76,
				3-77, 4-70, 5-74, 6-72 / 80 PSI. C/W A.D 96-12-07 IMPULSE
				COUPLING INSPECTION - NO DEFECTS / SATISFACTORY. A.D's
				CHECKED THRU bi-WEEKLY LISTING 99-22 AND ARE IN
				COMPLIANCE. C/W A.D. 98-18-12 Retorque Check Romeo FUEL pump.
				CON'T →

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.)
				DATE <u>11/1/99</u> TACH <u>580.0</u> TOTAL TIME <u>ENG T30 580.0</u> I Certify this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL (100 hr)</u> type inspection and determined it to be in airworthy condition. Operational checks were completed and are satisfactory. All airworthiness directives to <u>99-22</u> are in compliance. Details of this inspection are on file at this agency under work order <u>Gerald C. Belcher</u> <u>GERALD C. BELCHER A & P 065441920</u> INSPECTION AUTHORIZATION

DATE 192000	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.)
12/3	ACTT	945.2		ANNUAL (100hr) INSPECTION CONDUCTED IN
	ENGT			ACCORDANCE WITH CURRENT REPUBLIC
	ENGT50	658.9		RE-3 MAINTENANCE MANUAL INSPECTION
				CHECKLIST AND FAR 43 APPENDIX 'D'. ENGINE CYLINDER
				COMPRESSION TEST RESULTS AS FOLLOWS: 1-75, 2-72, 3-78, 4-74
				5-74, 6-72. SPARK PLUGS REMOVED/CLEANED/INSPECTED AND ROTATED
				UPON INSTALLATION. LUBRICATED ALL ENGINE CONTROLS AND
				ACCESSORIES AS REQUIRED. OPERATIONAL (STATIC) CHECKS
				OF ALL ENGINE/ACCESSORY/PROP CONTROLS ETC. ARE SATISFACTORY
				AND WITHIN PROPER RPO REQUIREMENTS. A.D.S CHECKED THRU
				BI-WEEKLY LISTING CO-22 AND ARE IN COMPLIANCE.

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.)
				12/3/00 TACH _____ TOTAL TIME 658.9 TSO I certify this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL (100 hr)</u> type inspection and determined it to be in airworthy condition. Operational checks were completed and are satisfactory. All airworthiness directives to <u>00-22</u> are in compliance. Details of this inspection are on file at this agency under work order <u>Gerald C. Belcher</u> GERALD C. BELCHER A & P 065441920 INSPECTION AUTHORIZATION

DATE 2001 12/10	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.)
12/10	ACTT ENGT	1035.3		ANNUAL (100hr) INSPECTION CONDUCTED IN ACCORDANCE WITH CURRENT REPUBLIC RC-3 MAINTENANCE ENGT SO 749.0 MANUAL INSPECTION CHECKLIST AND FAR 43 APPENDIX D. CYLINDER COMPRESSION TEST RESULTS AS FOLLOWS: 1-73, 2-76, 3-78, 4-73, 5-74, 6-75/80. DRAINED OIL, REMOVED/INSPECTED OIL FILTER. INSTALLED NEW CHAMPION OIL FILTER P/N CH48109 AND SERVICED ENGINE WITH 11qt AEROSHELL W100 A.D. OIL. SPARK PLUGS REMOVED/ CLEANED/REGAPPED/TESTED AND ROTATED AT INSTALLATION. & PERFORMED ALL ROUTINE MAINTENANCE AND LUBRICATIONS. ENGINE GROUND RAN FOR OPERATIONAL AND OIL LEAK CHECKS - ALL SATISFACTORY. A.D.'s CHECKED THRU BI-WEEKLY LISTING 01-23 AND ARE IN COMPLIANCE.

CONTINUED →

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.)
				DATE <u>12/16/01</u> TACH <u> </u> TOTAL TIME <u>ENG TSO 749.0</u> I Certify this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL (100hr)</u> type inspection and determined it to be in airworthy condition. Operational checks were completed and are satisfactory. All airworthiness directives to <u>01-23</u> are in compliance. Details of this inspection are on file at this agency under work order <u> </u>. <u>Gerald C Belcher</u> GERALD C. BELCHER A & P 065441929 INSPECTION AUTHORIZATION

DATE 2003	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.)
5/20	ACTT	1124.6		ANNUAL INSPECTION CONDUCTED IN ACCORDANCE
	ENGT	—		WITH CURRENT REPUBLIC RC-3 MAINTENANCE
	ENGT	838.3		MANUAL INSPECTION MANUAL / LYCOMING MANUAL ^{FOR 43 APPENDIX D}
				CYLINDER COMPRESSIONS AS FOLLOWS: 1-74, 2-73, 3-73, 4-74, 5-73, 6-76/80
				DRAINED OIL, INSTALLED NEW FILTER AND 10qt. ACROSHELL W100
				A.D. OIL, REMOVED/CLEANED/ROTATED SPARK PLUGS, PERFORMED
				ALL ROUTINE MAINTENANCE AND LUBRICATIONS, ENGINE
				GROUND RAN FOR OPERATIONAL/FUNCTIONAL CHECKS OF ALL
				ENGINE/PROP CONTROL AND MONITORING SYSTEMS/ALL
				SATISFACTORY AT THIS TIME. A.D.S CHECKED THRU BIWEEKLY
				LISTING 03-10 AND ARE IN COMPLIANCE.

DATE 2003 79	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.)
5/20			DATE 5/20/03 TACH TOTAL TIME ENG 150 838.3	I Certify this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> <u>Prote</u> type inspection and determined it to be in airworthy condition. Operational checks were completed and are satisfactory. All airworthiness directives to <u>03-10</u> are in compliance. Details of this inspection are on file at this agency under work order _____. <u>Gerald C. Belcher</u> GERALD C. BELCHER A & P 065441920 INSPECTION AUTHORIZATION

DATE 2004 10	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	PCTT	1294.7		ANNUAL (100hr) INSPECTION CONDUCTED IN
	ENGT	-		ACCORDANCE WITH CURRENT REPUBLIC RC-3
	EAGTS	1008.4		MAINTENANCE MANUAL / LYCOMING MAINT. MANUAL
				AND FAR 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 100T AEROSHELL WRO A.D.O.L.
				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

[illegible]

DATE 2005 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.)
ACT	1421.4	5/28/05		ANNUAL/100HR INSPECTION CONDUCTED
ENG	Hubbs 1135.1			IN ACCORDANCE WITH CURRENT REPUBLIC
ENG/BO	1135.1			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
				DRAINED OIL, REMOVED/INSPECTED FILTER AND INSTALLED
				NEW CHAMPION OIL FILTER #NCH48109-1 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 (BAW05) 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)
				INSPECTION / SATISFACTORY AT THIS TIME, NO FURTHER ACTION REQUIRED PER A.D. WASH DOWN ENGINE, GROUND RAN PERFORM ALL ROUTINE MAINTENANCE AND LUBRICATIONS, GROUND RAN ENGINE FOR OPERATIONAL CHECKS OF ALL ENGINE CONT PROP CONTROL AND MONITORING SYSTEMS, ALL SATISFACTORY AT THIS TIME. A.D.s CHECKED THRU BIWEEKLY LISTING OF AND ARE IN COMPLIANCE. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL (100HR) T INSPECTION AND IS APPROVED FOR RETURN TO SERVICE Gerald C. Belcher IA065411

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

D.

19

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

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 1A

Date 5/14/08

N6386K

DA

19.

STOL Amphibian Corp.
Lycoming GO-480-G2D6
ACTT 1654.0

Model Republic RC-3

S/N 615

S/N

HOBBS 1367.7

ENGTSO 0.0

OF
ES.)

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
Gerald C. Belcher AP 065441920 1A

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 1A

Date 4/24/10

N6386K

OF
(ES.)

STOL Amphibian Corp.
Lycoming GO-480-G2D6
ACTT 1915.2

Model Republic RC-3

S/N 615

S/N

HOBBS 1628.9

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
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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 4/22/11
STOL Amphibian Corp.
Lycoming GO-480-G2D6
ACTT 1979.4

N6386K
Republic RC-3
HOBBS 1693.1

S/N 615
S/N L-1510-34
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 1A

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)
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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

STOL Amphibian Corp.

Lycoming GO-480-G2D6

ACTT 2081.8

N6386K

Republic RC-3

HOBBS 1795.5

S/N 615

S/N L-1510-34

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 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.

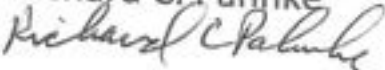
Gerald C. Belcher AP 065441920 1A

Gerald C. Belcher

DATE 2014 49	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)
1/17	1470.2			Oil change, Aeroshell 100W W/brand 1526906

10/21/2014 N6386K Lycoming GO-480-G2D6 Serial # L-1510-34 Hobbs 1912.0 544.3 TSMOH Annual Inspection

Changed oil and filter. Filled with Aeroshell 100W. Installed new spark plugs. Compression #1 76/80, #2 74/80, #3 77/80, #4 72/80, #5 74/80, #6 76/80. Inspected engine exhaust system. Lubed engine controls. Complied with AD 2003-14-03 To prevent rotary fuel pump leaks by torqueing and inspecting rotary fuel pump. Due in 50 hours. 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


[illegible]



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.)

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 

MANUFACTURER *Woodward*
PART NAME *CEVERNER*
MODEL *F316412*
PART NO. _____
SERIAL NO. *145688604*
REMARKS: *Calculated & signed*

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. 21120 Date 20 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:

[illegible]

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 OR MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				
				N6386K ENGINE
				05/19/2023
				HOBBS 2038.6
				SMOH 670.9
				Complied with AD 2003-14-03 No defects noted next due hobbs 2088.6
				Replaced all oil and fuel hoses, induction filter PN BA6108,
				changed oil and filter PN CH 48109, serviced with Aeroshell W 100, cleaned, gapped
				and tested all spark plugs. Comp all 70/80 or better, ground run & leak check good.
				Performed 100hr inspection per 14CFR APPD. Engine approved for return to service.
				<i>[Signature]</i> 3697404

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.)
	N6386K		ENGINE	
	05/19/2023			
	HOBBS 2038.6			
	SMOH 670.9			
	Complied with AD 2003-14-03 No defects noted next due hobbs 2088.6			
	Replaced all oil and fuel hoses, induction filter PN BA6108,			
	changed oil and filter PN CH 48109, serviced with Aeroshell W 100, cleaned, gapped			
	and tested all spark plugs. Comp all 70/80 or better, ground run & leak check good.			
	Performed Annual Inspection per 14CFR APPD. Engine approved for return to service.			
				
	Chris Rhodes AP 311847140 IA			

