# Engine Record General Information

Manufacturer Lycoming	Model70	540-74350
Manufacturer Lycoming Serial L-1608:7-48	Type Certificate	
This engine is currently installed	in aircraft: $N 4911W$	
Minimum Octane Fuel	Oil Grade Summer	Winter
Magneto Time	Point Setting	Firing Order
Spark Plug Gap		
Manufacturer's Recommended O	verhaul at hours	

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DATE 19 <u>97</u>	RECORDING Tach Time	TODAYS Flight	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
032297	-		1585,8	Tightened alternation bett. Replaced #6 cylinder fired injection line. Replaced #4 cylinder nacker barcover. Tightened #4 cylinderoil scavinge line. Saftied quick drainon oil sump. Repaired rear night baffle by riveted patchover small crack. Saftied alternation case, Replaced intake pipe tuteson all cylinders Tightened bolts on clamps securing left muttker. Replaced all flexible fielt oil lines in engine compartment. Security Terpstre. At 93484705TA
© 1991 ASA	/33.6		1585.8	Encompleted annual inspection in accordance with commander 14 maintenance manual inspection checklist. Compression check of 1260 1260 1260 00 1260 00 1260. Installed new oil filter and 89ts Acroshell 150050 motor oil. Adjusted mag-engine timing. (continued next page)

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**Description of Inspections, Tests, Repairs and Alterations** DATE RECORDING TODAYS TOTAL Entries must be endorsed with Name, Rating and Certificate Number of TACH FLIGHT TIME IN TIME SERVICE Technician or Repair Facility. (See back pages for other specific entries.) 19 (continued From previous page) Complied with AD 93-02-05 by inspection per hycoming SB 342 A, May 26, 1992. AD930205 next due 233-6(Tach). All gos reviewed through Federal biweekly supplement 97.06. All parameters within manufacturers limits during post inspection run-up DATES 3-229 TACH TIME /33.6 TOTAL TIME /58578 I CERTIFY THAT THIS Engine HAS BEEN IN-SPECTED IN ACCORDANCE WITH A Anough INSPECTION AND WAS DETERMINED TO BE IN AN AIR-WORTHY CONDITION. De molteros GERARD TERPSTRA A&P3484709IA

Description of Inspections, Tests, Repairs and Alterations RECORDING TODAYS TOTAL DATE Entries must be endorsed with Name, Rating and Certificate Number of FLIGHT TIME IN TACH 19 97 Technician or Repair Facility. (See back pages for other specific entries.) TIME SERVICE 174.0 Tach: Installed new oil filter, inspected 07-26-97 old filter, ho discrepancies noted serviced with aeroshell is uso engine oil, no leaks noted Second Terpsteen AHP3484709IA INSTALLED WINTERIZATION PLATE Sul Tol an ARTICLESSISSI 11-21-97 194.2 316/98 1652.3 T.T. 200.1 TACH Koutine 100 hr inspection per Rockwell 114 check list. Compression il l'appsi as follows: 073 @72 @ 74 @ 72 @ 74, Changod oil and Riller. 37B Sample taken at this time. Service engine w/ Bets Acroshell 15,050 o.l. Replaced spark plags w/ new PIN RHM38 E. Checked and cleaned engine oil suction screen, C/W Bender 500 hr magneto

DATE 19	RECORDING Tach Time	TODAYS Flight	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
3698	Gent			
· •		Lusp	ection.	Replaced LER contact point assys PIN
		10	882585	when Replaced both carbon brushes.
	· .	Re-a	semble	I and timed magneto per D-3000 maintan
	-	man	uch. Ky	-installed and timed to engrane per
		Lyco	ning sp	ess. Replaced induction air filter (see
·		air	sole los	entry this date ) Replaced Mexible
		engin	e bett	le seal up new PINI T-8071 seal. Replaced
				1 injection line claups w/ new.
		Repl	ned 2	ectual injection nozzles w/ new . Replaced
		#2	vel ini.	ection line w/new. C/W Lyconing
		4001	r vali	le train inspection and replaced rocker
		roves	t eask	to w/ new silicone type PIN SLR 75096.
		Fuel	nozales	cleaned and socked in HOPPES #9 at this
		tra	Re-ins	falled noseles and loak & satisfactory.
		<	<u> </u>	$\rightarrow$

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RECORDING TODAYS TOTAL **Description of Inspections, Tests, Repairs and Alterations** TACH FLIGHT TIME IN Entries must be endorsed with Name, Rating and Certificate Number of TIME 19 SERVICE Technician or Repair Facility. (See back pages for other specific entries.) 3/6/98 ( ) Wester engine & coul. Lubed engine controls (IW AD 93-02-05 on injection lines. I certif that this engine has been inspected in accordance with an 100hr inspection per FAR Y3 appD and was determined to be in air worthy condition. Ch. M. B. 20 35460683 FND 3-6-98 1652. ins Engine an annual inspection an accordance fain and wondly cond 14485882

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TOTAL **Description of Inspections, Tests, Repairs and Alterations** DATE RECORDING TODAYS FLIGHT TIME IN Entries must be endorsed with Name, Rating and Certificate Number of TACH SERVICE Technician or Repair Facility. (See back pages for other specific entrics.) 19 TIME trach 235.6. 9-22-98 Replaced & Crito probe if new; new, horness installete, calibrateds gage using Alcal calibration box. Change to oil and filter, installed 8 gts 15/50 Aeroshell, Filter inspected no metal Jourd.  $\overline{}$ z C/WAD 90-02-03 Prop hub inspection - no cracks 3 toue ea 50 hrs Hours Hack checked a nave of this time 4 K.A.

RECORDING TACH TIME	TODAYS Flight		<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)				
L		E					
DATE	2/15/99	MODEL	Rockwell 114		·		
WO#	94932	S/N	14235		<u> </u>		
TACH	244.4	REG	N4911W	Stead Aviation Corporation			
T/T	1696.6	HOBBS	s n/a	-			
TSMOH	1696.6	CYCLE	S n/a	Manchester, NH 03103-7443			
Form SA-58		page 1c	of 1	603-669-4360 Fax 603-663-8708 Repair Station #HI1R193K			
	TACH TIME DATE WO# TACH T/T TSMOH	TACH TIME         FLIGHT           DATE         2/15/99           WO#         94932           TACH         244.4           T/T         1696.6           TSMOH         1696.6	TACH TIMEFLIGHTTIME IN SERVICEDATE2/15/99MODELWO#94932S/NTACH244.4REGT/T1696.6HOBBSTSMOH1696.6CYCLE	TACH TIMEFLIGHTTIME IN SERVICEDescription of Entries must be en Technician or ReparationDATE2/15/99MODELRockwell 114WO#94932S/N14235TACH244.4REGN4911WT/T1696.6HOBBSn/aTSMOH1696.6CYCLESn/a	TACH TIMEFLIGHTTIME IN SERVICEDescription of inspections, rests, Repairs and A Entries must be endorsed with Name, Rating and Certificate N Technician or Repair Facility. (See back pages for other speciDATE2/15/99MODEL SERVICERockwell 114 Technician or Repair Facility. (See back pages for other speciDATE2/15/99MODEL SYNRockwell 114 14235WO#94932S/N14235TACH244.4REG HOBBS N/aStead Station Corporation Manchester Airport 7 Green Drive Manchester, NH 03103-7443 603-669-4360 Fax 603-663-8708		

Log Book Attachment: ENGINE

Completed annual inspection this date using Rockwell inspection checklist. Cleaned gapped, tested and rotated spark plugs. Installed using new gaskets. Cleaned fuel injectors and servo screen. Checked magneto to engine timing; no adjustment necessary. Checked controls for travel and lubricated. Test-ran engine to check for proper operation and to test for leaks.. Results acceptable. Checked all AD's through bi-weekly 99-03.

I certify that this powerplant has been inspected i/a/w 100 hr./annual as per Rockwell 114 maint. manual, and has been determined to be in an airworthy condition.

Christopher Eaton Repair Station #HI1R193K

DATE RECORDING TODAYS TOTAL **Description of Inspections, Tests, Repairs and Alterations** TACH FLIGHT TIME IN Entries must be endorsed with Name. Rating and Certificate Number of 19 TIME SERVICE Technician or Repair Facility. (See back pages for other specific entries.) 78127 TACH a l'éfilter. Enspected all Charled planent, ac d Serviced engine w/ 8 gts Aeroshell 15 250 011. C/W AD. 90-02.03 bu visual inspection of prophub. Next due @ 331.7 TACH. K un-un leak & satistactory 35460683

DATE	RECORDING Tach Time	TODAYS Flight	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
2(3	296.0			Clw Annual insp. per rocacell
				insp. cu 175f. Ronp. V 1-70,2-72,3-74,4-72
	-			5-72,6-74/80 Oil chinged 150050 Als added. Filters replaced city8103+ BA4005.
				OPS CAS + leaks ChS OCK
	604			Clw A.D. 93-02-05 per SiB 342A due agoin at T; 396.0
······································	VIC			C(N A, D 90-02-23 Pas STB, 164
	00	1	Signel	due agrin at T: 344.0 1 cert. This and ins Seen determined to be averaging. DD4L 025540512EA
				END OF EVERY
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DATE	RECORDING TACH TIME	TODAYS Flight	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of
19			SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
2-18	333.0		Clus	Annuel Inspecteon I.A. W. Poitwell
Sm H	1784.6		MAIN	MANUEL Changes OIL AND F. TTET
			1	Checked Surtin Streen Bopen 875
			Aeros	er 5w-50 Comp Test O 770 770 B
			G 75	B 77 6) 77, c/w RO 93-02-05 J.A.W
				42A, Repaires brain wire on CapAcTar
				at of ALTERNATOR. Replaces Egt gauge
				s probe And Filed 337 Stele Pill beac
н. - н.			I CLAT	ify That This Engine has been Inspected
			IN Dec	ordance with an Annual Inspection and
				mined To be in Conwarthy Cardition
				Darge Mauro ASPINY69815 IA
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	t		1	

DATE RECORDING TODAYS TOTAL **Description of Inspections, Tests, Repairs and Alterations** 2001 TACH FLIGHT TIME IN Entries must be endorsed with Name, Rating and Certificate Number of 10.\_\_\_ TIME SERVICE Technician or Repair Facility. (See back pages for other specific entries.) SEPT 5 366,1 ( MONLED au + ENTER AGROSHER ISN'SO + CH 48103 On SAMPLE SENT TO ANATION O.L ANALYSIS TEST RUN & LEAK INECK DE. GATE CATY AIR INC WIT 660 The the 2340 85-29 3-19-02 384.0 1841.2 for ANNUAL INSP. I AW. Rockwell III MARINT. MANUAL inst buille (for comPression chark, 1) 1/80 2) 1/80 3) 1/80 4) The 5) The 6) The ORAined out Renoved inspected : Replaced FITER Of CH \$ 8103, Serviced Ent. of 8 QTS AFROSHEIL ISW-SO ONL, SCRUICED Fuel STRAINER'S Gowly INJECTUR NOZZIOS FLEI FITER & SPARK Plass, INSP. MAL s MAL TO Enter Timing, the of AD 93-02-05 of Fiel IN SecTOR Lines OK, GROUND RAD FALT. TO MANUFACTURERS SPECS, SATIS FACTORY, LEAK CHECKED Fort. No leaks Noted @ THIS TIME, I CERTIFY THAT THIS ENG. HAS BEEN INSP. 1.A. AN ANNUAL inst. AND HAS BEEN DETERNING TO BE in Airworthy condition, - FND - Act Sullen ASP 16002301 IA © 1991 ASA

**Description of Inspections, Tests, Repairs and Alterations** DATE RECORDING TODAYS TOTAL FLIGHT Entries must be endorsed with Name, Rating and Certificate Number of TACH TIME IN **19**\_\_\_\_\_ 2<u>00</u>2 TIME SERVICE Technician or Repair Facility. (See back pages for other specific entries.) 6/19/02 393.2 REMOVED OLL Creter winter 120Tion Plate Remarks all Plugs and Clenge BD, REINSTElles plug, Checkes all fuel NO22/25, cleaned of Accessory REEASTOlleo Nozzles Runingo a lock check of Dorf Men APILYCHENTA 2003 4-2-03 Completed Annual Inspection IAN Faces 409.1 Conpression 1/71 2/78 3/75 4/77 5/74 /25 CHANES ON + FILTES - ALLESNEL 15 - 50 REMOVE OIL COOLER PLATE ADJUST MAL TIMING TO ENLINE. CILAN STRAK PLUS. CHER FUEL SILLENS CALLA + LUBE CONTRULS CILL AD 2002 - 26-01 BY INSPECTIVE Fact injection lines + clamps, ilponte AD LISTS IN THE REAL OF THIS BOOK, ENGINE CLEANED CCA W# 1218 BRACHETT NORFILTER ELEMENT REPARTO. TEST RUM THIS ENLING WAS DEFERMINED TO BE IN AN AIRMORTAL THIS TIME. DITUMPie 2344475CA

DATE 19	RECORDING TACH TIME	TODAYS Flight	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
3-15-64	432.8		1885 c	INSI? ENG. FOR ANNUAL INSP. IAW Rockwell 114 MAINT. MANUAL
				INSA 60, De check List, PRAINED o. 2, Removed is P & ReMARK F. ITER AN CH48103, SERVICED ENG. up BOTS Accushed 15.0-50 012
	-			Gen comp , wore As Follows 1) "/40 2) 1803) 140 4) 140 5) 100 6) 18/20 Seevice O All Stack Plogs Fuch STRAINER, 3 Ford Nozzles, cfw AO
				96-12-07 of MAG in Pulity Counting No Defects Noted Re Maced
				Rept Side MAL Timing Gear Assy internally Timed MAG INST. S Timed to Enter if AD 2002-26-01 of Instactor Lines no Detects
				RETED REAFORMED ANTERNATER SOUTH. INSP. OL, GROSND RUN ENG. TO MANUFACTURES 3.PECS, SATES FACTORY, LEAK CHecked FUR
			·	No Leaks Noted AT THIS TIME, Roscarch Verify AND cleck All ADS
				THROUGH ATP GI-weekly, Please see histing FOR SADATES, I LOSTING THAT Fat. Has Been INSPECTED I AN AN ANNUAL INSID 'S HAS
				Been have D in A: RWORTHY COND. TION AT THIS TIME & is RETURNED TO SERVICE - END Pattellen ASP 165023015A

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DATE	RECORDING TACH TIME	TODAYS Flight	TOTAL TI <del>m</del> e in Service	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
4-9-04	433.0		Reno	es STAFFER M24222 Ans Installes
/			مدور	SKyTe: STATER AT # 149-12 KT
			Repl	aces por Side magnets Capociting
			Ren-1	SKYTE: STATER AT # 149-12 NT. SKYTE: STATER AT # 149-12 NT. Leceo AT Side Magne To Capocitor pok Dayl Means Ard 2792180IA
	L	I	L	
				Aero Service LLC
D.	ATE: 5-13-05		5 Perimeter : N4911W	Rd. Nashua, NH 03063 TACH: 449.5 TSN: 1901.7
			Engi	ne Logbook Entry
#1 me and en inj per	- 75/80, #2- 75/8 etal found. Instal d reinstalled all s gine timing. Rer ection line inspe rformance and le	80, #3- 72/80 Iled new filt spark plugs. moved and r ction, no dis sak checks g	0), #4- 75/80, #5- er and serviced e Cleaned and ins eplaced magneto corepancies notes ood during groun section and was o	n guide and FAR 43 appx. D. Performed compression test: 75/80, #6- 76/80. Drained oil and inspected oil filter, no ingine with 8 quarts of Aeroshell 15W50 oil. Cleaned, gapped spected fuel system filters and screens. Checked magneto-to- hold down plates. Complied with AD# 02-26-01, fuel 1. Adjusted idle-mixture to proper setting. Engine ind run-up. I certify that this engine was inspected in letermined to be in airworthy condition. Doug Mears A&P27921821A
	1	I	1	
	1	.1	1 <u>.</u>	© 1991

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DATE 19	RECORDING TACH TIME	TODAYS Flight	TOTAL TIME IN SERVICE	Entries mus	t be endorsed with Nar	Tests, Repairs and Alteration ne, Rating and Certificate Number of back pages for other specific entries	of
	D	ATE: 6-2	3-06 N	5 Perimeter	Aero Service LLC Rd. Nashua, NH 0300 0-T4B5D s/n L-1608 TACH: 458.2	53 7-48 TSN: 1910.4	
				Engi	ne Logbook Entry	-	
	m Cl fil se di pe I c	etal found. leaned, gap ters and sc curity, lube screpancies	Installed ne pped, painted reens. Check ed same. Cor s noted. Adji and leak che his engine was	7/780, #5- 76/80, w filter and service and reinstalled al ked magneto-to-en nplied with AD# usted idle-mixture ccks good during of	#6- 78/80. Drained oil a ced engine with 8 quarts of l spark plugs. Cleaned ar ngine timing. Checked al 02-26-01, fuel injection lie to proper setting. Washe ground run-up. ance with an annual inspection	d inspected fuel system	
				-			
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9	RECORDING Tach Time	TODAYS Flight	TOTAL TIME IN SERVICE	Entries must be endo	<b>spections, Tests, Repairs</b> rsed with Name, Rating and Cert Facility. ( <i>See</i> back pages for oth	ificate Number of
		L	5 Perimeter	l Aero Service LLC Rd. Nashua, NH 0300 40-T4B5D s/n L-1608	37-48	
	DATE: 7/1/07	N#	: N4911W	TACH: 481.9	TSN: 1934.1	
			Eng	ine Logbook Entry	·	
	metal found. Ins Cleaned, gapped screens. Checke same. Complied Washed engine	stalled new , and rein ed magneto with AD# and cowl. I ngine was in	7 filter and serv stalled all spar p-to-engine tim 02-26-01, fue Engine perform	ing. Checked all controls 1 injection line inspection, nance and leak checks goo rdance with an annual inspect	of Aeroshell 15W50 oil. ected fuel system filters and for travel and security, lubed —— no discrepancies noted.	
		-				
					· · · · · · · · · · · · · · · · · · ·	

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DATE 19	RECORDING TACH TIME	INGTODAYSTOTALDescription of Inspections, Tests, Repairs and AlterFLIGHTTIME IN SERVICEEntries must be endorsed with Name, Rating and Certificate Numi Technician or Repair Facility. (See back pages for other specific e									
		Leland Aero Service LLC									
		5 Perimeter Rd. Nashua, NH 03063 Lycoming IO540-T4B5D s/n L-16087-48									
		DATE: 9/		N#: N4911W	TACH: 502.1	TSN: 1954.3					
				Engi	ne Logbook Entry						
		metal found Cleaned, ga screens. Cl same. Com Washed en	d. Installed ne apped, and rei hecked magne plied with AD gine and cowl this engine was	ew filter and servi installed all spark to-to-engine timin 0# 08-14-07, fuel . Engine performa	ced engine with 8 quarts of plugs. Cleaned and inspo- ing. Checked all controls njection line inspection, i nice and leak checks good	ected fuel system filters and for travel and security, lubed no discrepancies noted. d during ground run-up. ion and was determined to be in					
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		Leland	Aero Service LLC		
DATE			Rd. Nashua, NH 030 40-T4B5D s/n L-160		s and Alterations
	<ul> <li>test: #1- 76/80, #2- oil filter, no metal for 15W50 oil. Cleaned filters, screens and 1 controls for travel at inspection, no discre- checks good during</li> <li>I certify that this end</li> </ul>	ing checklist in confor 75/80, #3- 76/80, #4- 7 ound. Installed new fi d, gapped, and reinsta fuel injector nozzles. ( nd security, lubed sam epancies noted. Washe ground run-up.	In More	30. Drained oil and in with 8 quarts of Aeros ned and inspected fue ne timing. Checked a 8-14-07, fuel injection ine performance and l	This aircraft is equipper performance Sky-Tec Flyw DO NOT CRANK F THAN 10 SEC Allow 20 seconds to between attempts. Repeat Then let starter cool for the systemet at an line
		ELL 114, S/N: 1423 0-T4B5D, S/N: L-16 c Starter P/N: 149-12 1016. Performed an o All work done I/A/W	by Sky-fec under under CFR14 Part 21 in acc System (CFR14 Part drawings. This part has www.skytecair.com/elig Starter Installed on <b>N</b>	ordance with Sky-Tec's 21 §21.303) and confi been determined to be a ibility.htm.	A 9-NL SN <u>FN-111016</u> was produced 0. PQ0852SW Supplement No. 7 per FAA-Approved Fabrication Inspection forms to the relevant FAA-approved airworthy. For installation eligibility see by <u>Bria</u> <u>Micali</u> (Mechanic) <u>AP 59182 8248 JA</u>

DATE 19	RECORDING TACH TIME	TODAYS Flight	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
Valiant 10/14/2	Aviation Mai 010	ntenance,	Inc.	270 Estrella Avenue St. Augustine, FL 32095
LYCOP Comple Compre found. I the mag compon engine a ATP Co gasket I certify conditio	MING, IO-540 ted an Annual/ ssions: 1/75, 2/ nstalled a new neto to engine ents. Washed e and related systempliance Repo minimum, by vis minimum, by vis minimum, by vis minimum, by rep being installed that this Eng	-T4B5D, S 100 Hour J 72, 3/68, 4 oil filter, P timing and ngine with ems, all sy ort. sual inspec placement ine has be oved for r	S/N: L-16087-4 Inspection I/A/ I/73, 5/72, 6/74 VN: CH48103 a adjusted as rea a mineral spirits stems checked tion of the fuel of the fuel serv	<b>ER 114, S/N: 14235, TACH: 522.9, AFTT: 1974.5</b> <b>48, ETSN: 1974.5</b> W the LYCOMING IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D b. Drained oil from engine and oil coolers. Inspected oil filter for contamination, none and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected quired. Cleaned, gapped, inspected and rotated spark plugs. Inspected all ignition and fue s. Inspected and lubed all engine controls. Performed an operational inspection of the normal and no leaks were noted. The following applicable AD's were C/W, see enclosed injection lines, no defects noted at this time, <b>Manual Ambulation</b> o plug gasket with P/N: 2577258, repetitive inspections no longer required due to new <b>/A/W an Annual/100 Hour Inspection and was determined to be in an airworthy</b> the at this time.
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DATE 19	RECORDING TACH TIME	TODAYS Flight	TOTAL TIME IN SERVICE	Entries	nust be e	endorsed	ections, Tests, Repairs and Alter d with Name, Rating and Certificate Num sility. (See back pages for other specific of	nber of
			Durantan	Aviation, St	Augmetino	FL (964)	677-8587	
	'n	1	ro Commande		N49		S/N: 14235	
			el: IO-540-T4B		1142		Engine S/N: L-16087-48	
		ach: 525.3		50			Engine Total Time: 1977.5 hrs	
	Date: April						8	
	1	Remove	ed engine cowli	ng.				
-	2	Remove	ed magneto P/N	10-682560-1	1, S/N E26	9209GR a	nd sent to Executive Accessories, Inc.	
		for over	baul See work	order 18927 1	or specific	details. Re	einstalled overhauled magneto using	
	-	new gas	sket P/N LW-12	2681, (2) new	clamps P/N	66M1938	85, and (2) new lock washers P/N STD-	
		475. Ti	med to engine a	t 25 degres B	C. Torque	d attaching	g nuts to 17 ft-lbs.	
	3	. Remove	ed all spark plug	gs, cleaned ga	pped, teste	i, rotated a	and reinstalled with new gaskets using	
		(1) new	spark plug P/N	RHM-38E m	stalled in t	ne bottom	of cylinder #5.	
	4	Remov	ed and replaced run-up / leak c	ignition harn	ess with no.	w r/n wiz: Jefects fou	717. Ind	
	5	), Ground Poinsta	lled engine cow	ling			,	
	(	), Kemsta	ned engine cov	······ /4	Z	-ll-	Matthew R. Sandefur A&P 2842257	
				1				
					-			
	1		1	1				

RECORDING TOD/ TACH FLIG TIME		<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
	1	PREMIER AVIATION St. Augustine FL (904) 677-8587 N4911W
Rock	well Aero Comman	der 114 S/N: 14235
Engin	e Model: 10-540-T4	B5D Engine S/N: L-16087-48
Tach:	: 529.1 hrs	Engine Total Time: 1981.3 hrs
		Date: 27 June 2011
<ol> <li>Removed bo cylinder #3.</li> <li>Ground run-</li> </ol>	up / leak check perf	installed, gapped, & tested, (1) new spark plug P/N RHM-38E installed in the bottom of ormed with no defects found.
		Liam P. Mullane A&P2807974
	TACH TIME FLIG FLIG Rock Engin Tach 1. Removed en 2. Removed bo cylinder #3. 3. Ground run-	TACH TIME FLIGHT TIME IN SERVICE Rockwell Aero Comman Engine Model: 10-540-T44 Tach: 529.1 hrs 1. Removed engine cowling. 2. Removed bottom #3 spark plug, cylinder #3. 3. Ground run-up / leak check perf

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			-	

Valiant Aviation Maintenance, Inc. 12/12/2011 478 Homestead Drive Dallas, Georgia 30157

### N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 537.1, AFTT: 1988.7

#### LYCOMING, IO-540-T4B5D, S/N: L-16087-48, ETSN: 1988.7

Completed an Annual / 100 Hour Inspection I/A/W the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Compressions: 1/74, 2/74, 3/72, 4/74, 5/74, 6/70. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none found. Installed a new oil filter, P/N: 48103 and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected the magneto to engine timing and adjusted as required. Removed, cleaned, gapped, inspected, rotated and reinstalled spark plugs. Inspected all ignition and fuel components. Inspected and lubed all engine controls. Performed an Operational Inspection of the engine and related systems, all systems checked normal and no leaks were noted. Complied with AD2008-14-07 by performing a Visual Inspection of the fuel injection lines, no defects noted at this time, next due at TACH: 637.1.

I certify that this Engine was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.

Brian J Miceli AP591828248IA

DATE	RECORDING
19	TACH Time

**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Seraph Aviation	Maintenance
12/17/2012	

478 Homestead Drive Dallas, Georgia 30157

# N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 543.8, AFTT: 1995.4

# - LYCOMING, IO-540-T4B5D, S/N: L-16087-48, ETSN: 1995.4

- Completed an Annual / 100 Hour Inspection I/A/W the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Compressions: 1/74, 2/74, 3/73, 4/72, 5/73, 6/71. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none
- found. Installed a new oil filter, P/N: 48103 and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected the magneto to engine timing and adjusted as required. Removed, cleaned, gapped, inspected, rotated and reinstalled spark plugs. Inspected
- all ignition and fuel components. Inspected and lubed all engine controls. Performed an Operational Inspection of the engine and related
- systems, all systems checked normal and no leaks were noted. Complied with AD2011-26-04 by performing a Visual Inspection of the fuel injection lines, no defects noted at this time, next due at TACH: 643.8.

I certify that this Engine was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.

Brian J Miceli AP591828248IA

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DATE 19	RECORDING Tach Time	TODAYS Flight	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)

#### MICELI, INC.

1/1/2014

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478 Homestead Drive Dallas, Georgia 30157

### N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 548.3, AFTT: 1999.9 LYCOMING, IO-540-T4B5D, S/N: L-16087-48, ETSN: 1999.9

Completed an Annual / 100 Hour Inspection I/A/W the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Compressions: 1/76, 2/76, 3/66, 4/77, 5/68, 6/76. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none found. Installed a new oil filter, P/N: 48103 and serviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected the magneto to engine timing and adjusted as required. Removed, cleaned, gapped, inspected, rotated and reinstalled spark plugs. Inspected all ignition and fuel components. Inspected and lubed all engine controls. Performed an Operational Inspection of the engine and related systems, all systems checked normal and no leaks were noted. Complied with AD2011-26-04 by performing a Visual Inspection of the fuel injection lines, no defects noted at this time, next due at TACH: 648.3.

I certify that this Engine was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.

Brian J Miceli AP591828248IA

TACH FLIGHT T			TOTAL TIME IN SERVICE	ME IN Entries must be endorsed with Name, Rating and Certificate Number of				
MICELI, 1/11/2015				478 Homestead Drive Dallas, Georgia 30157				
LYCOM Complete Compress found. Ins magneto t all ignitio systems, a fuel inject I certify t determin	ING, IO-540-7 d an Annual 7 1 sions: 1/76, 2/7 stalled a new of to engine timing n and fuel com all systems cher tion lines, no de that this Engin	<b>14B5D</b> , S/J 00 Hour In 3, 3/75, 4/7 1 filter, P/N g and adjus ponents. In cked norma- efects note was Insp Airworthy	N: L-16087-48 nspection I/A/V 77, 5/70, 6/76. N: 48103 and se sted as required nspected and lu al and no leaks d at this time, n pected I/A/W	R 114, S/N: 14235, TACH: 552.7, AFTT: 2004.3 3, ETSN: 2004.3 W the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none erviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Inspected the d. Removed, cleaned, gapped, inspected, rotated and reinstalled spark plugs. Inspected ubed all engine controls. Performed an Operational Inspection of the engine and related were noted. Complied with AD2011-26-04 by performing a Visual Inspection of the next due at TACH: 652.7. an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was nd is Approved for Return-to-Service at this time.				

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DATE 19	RECORDING TACH TIME	TODAYS Flight	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
MICELI, 3/01/2016	INC.	L		178 Spring Dale Lane Dallas, Georgia 30157
N4911W, LYCOMI Completed Compress found. Ins Propeller, Removed, lubed all c leaks were time, next	NG, IO-540-T4 d an Annual / 10 ions: 1/77, 2/76, talled a new oil replaced Altern , cleaned, gapper engine controls. e noted. Compli due at TACH: 0	<b>IB5D, S/N</b> : 0 Hour Ins 3/70, 4/78 filter, P/N: ator Belt, r d, inspecter Performed ed with AE 670.6.	<b>: L-16087-48</b> , pection I/A/W, 5/77, 6/74. I 48103 and se einstalled and d, rotated and an Operationa 02015-19-07 t	<b>A 114, S/N: 14235, TACH: 570.6, AFTT: 2022.2</b> <b>ETSN: 2022.2</b> / the Lycoming IO-540-T4B5D Maintenance Manual and FAR Part 43 Appendix D. Drained oil from engine and oil cooler. Inspected oil filter for contamination, none rviced the engine with 7 quarts of Aeroshell 15W/50 aircraft engine oil. Removed safetied Propeller. Inspected the magneto to engine timing and adjusted as required. reinstalled spark plugs. Inspected all ignition and fuel components. Inspected and al Inspection of the engine and related systems, all systems checked normal and no by performing a Visual Inspection of the fuel injection lines, no defects noted at this an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was and is Approved for Return-to-Service at this time.
Brian J M	liceli AP591828	248IA	I	
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Reg:	N4911W			SAM	Saint Augustine A	Aviation Maintenand	ce	[	Date:	6/1/2017
Mode	ELYCOMIN	G 10-540-T485	D		270 E stra	ila Ave.		-	ITA:	2046.1
SN:	L-16087-4	8			Saint Augustine,	Florida 32095		1	Fach:	594.5
TTE:	2046.1	TSMOH: 204	6.1	Mai	ntenance Re	ecord (Engine	e)			
Comp Draine C/W / All ap	ressions (#1) ed oil and se AD2011-26-( plicable AD's	) 76/80; (#2) 7( rviced with 7qt: 34 by visual ins 5 C/W at this tir	5/80; (#3) s Aeroshell pection of ne. Ops ch	74/80; (#4) 75/ [15W/50 oil, R] fuel injector line leck. good,	/80; (#5) 76/80; ( &R AA48103 oil fi s, no defects not	lter. Cleaned, gapp ed, next due: TTAF inspection and has chary	ed, and rotated F: 2146.1.	d plugs		dition
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09/01/2019 **Rockwell Aero Commander 114, Registration: N4911W** Airframe: 114 S/N: 14235 TACH: 596.2 TT: 2047.8. hrs Engine: P/N: Lycoming IO-540-T4B5D S/N: L-16087-48 TT: 2047.8 hrs

1. Completed an Annual Inspection of this engine in accordance with Title 14, Chapter 1, Subchapter C, Part 43, Appendix D "Scope and Detail of Items to be Included in Annual and 100-Hour Inspections." 2. Compression check results: Cylinder #1 - 76/80, #2 - 74/80, #3 - 70/80, #4 - 72/80, #5 - 70/80, #6 - 74/80 3. Drained oil and serviced with 8qts Aeroshell 15W50 oil. R&R CH48103 oil filter. 4. C/W AD15-19-07 by visual inspection, next due: TTAF 2147.8. 5. AD's checked through bi-weekly 2019-16.

/ I certify this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Date: 9-1-19 Signature:



Cert. No: A&P 3389487 IA