

ASA-SE-2

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.)

Grumman AA-1C Ser# AA1C-0050 TTAF 2263.64 Tach.2263.64 0-235-L2C Ser# L-12977 TTE 3929.24 TSMO 0

Removed engine from aircraft for bad cam and low compression cylinders Disassembled engine IAW OH manual 60294-7 Crankshaft inspected passed still .006 mains .010 rods camshaft/ lifters bodies rejected Assembled engine IAW OH manual 60294-7 using new parts from J&J Air Parts Inv#s 148525 & 148549 and listed in Dean's AERO Inv# 1167 Installed crankshaft gear IAW SB 475 and P/C/W AD 04-10-14 using new bolt and lock Installed new cylinders from International Aviation Support Inv# 194888 check ring gap IAW L04-01 Torqued engine IAW SM SEC 7-17 Installed mags timed to 20* BTDC I certify that this engine meets overhaul limits and is of an airworthy condition and is returned to service

> Dean Williams A&P 3500167IA

Ven R Williams

wo: WO_712 N1047X Tach: 2263.62 Installed this engine Shop. (see previou Installed new Engine Installed new vacuum Installed new engine Installed new engine Installed new engine Installed new alternation Installed new altern	Hobbs the Lycoming O-2 the engine log en the Driven Fuel F tum pump P/N 1 the shock mounts the shock mount take filter P/N: E the pattor belt P/N 32	n, LLC · 545 Winsto 235-L2C S/N try) Installed Pump P/N LW U128-006 S/I s P/N: J-7402 bolts P/N: AN 3A-4108. 7A19773-376	L-12977, afte new air box ga /-15472 S/N 1 N T45134H. 2-24. N7-35A.	irie, TX 75052 : 0.0 er overhaul asket P/N 6	by Dean' 30592.		May 22	e page 1 of 2, 2020 machine
Tach: 2263.62 Installed this engine Shop. (see previou Installed new Engine Installed new vacuu Installed new engine Installed new engine Installed new air in Installed new air in Installed new alternation	Hobbs the Lycoming O-2 the engine log en the Driven Fuel F tum pump P/N 1 the shock mounts the shock mount take filter P/N: E the pattor belt P/N 32	: 2548.0 235-L2C S/N try) Installed Pump P/N LW U128-006 S/I s P/N: J-7402 bolts P/N: AN 3A-4108. 7A19773-376	Tsmoh L-12977, afte new air box g /-15472 S/N 1 N T45134H. 2-24. N7-35A.	: 0.0 er overhaul asket P/N 6	by Dean' 30592.		-	
shop. (see previou nstalled new Enginenstalled new vacu nstalled new enginenstalled new enginenstalled new enginenstalled new air in nstalled new air in nstalled new alternationstalled new alternationstalled propell	is engine log en ne Driven Fuel F um pump P/N 1 ne shock mounts ne shock mount take filter P/N: E nator belt P/N 3	try) Installed Pump P/N LW U128-006 S/I s P/N: J-7402 bolts P/N: AN 3A-4108. 7A19773-376	new air box ga /-15472 S/N 1 N T45134H. 2-24. N7-35A.	asket P/N 6	60592.	's Aero A	Aviation	machine
Fround run engine his engine has be e in airworthy con 12.	of Aeroshell 100 and checked fo een inspected in ndition. Details	mineral oil. or leaks. See accordance of work perfo	6. AD complianc with a 100 hc ormed are on	our/annual i	nspection	n and wa	as deter r work o	mined to rder WO
					5. E			
	e in airworthy cor 12.	e in airworthy condition. Details	e in airworthy condition. Details of work perfo	e in airworthy condition. Details of work performed are on 12.	e in airworthy condition. Details of work performed are on file with J& 12.	e in airworthy condition. Details of work performed are on file with J&G Aviation 12.	e in airworthy condition. Details of work performed are on file with J&G Aviation under 12.	A. KSDa

YEAR 20 ηδτε	RECORDING Tach Time	TODAY'S Flight	TOTAL TIME IN SERVICE	Entries must be endorse		Vumber of fic entries.)
wo: WO_781			J	&G Aviation	Engine - page 1 of 1	
	Já	&G Aviation, Ll	C · 3116 S Great S	W PKwy · Grand Prairie, TEXAS 75052	. 817-881-5182	-
N1047X tach: 228 TSPOH:	151.77		3933.82	TTE: 3933.82	October 13, 2020 TSMOH: 24.88	
a hadrad fo	rlooke With	recreat to	the work per	ny particles. Added 6qts of formed, this engine is appro n, LLC under work order: W	f Aeroshell 100.Ground run And oved for return to service. Details /O_781.	
Jimmy Wi	Ison A&P/IA 2		famingt	22m		
		500 Edison esterfield, 6) 778-440	MO 63005			
Engine Date: 06/24/2 Registration: Model: O-235	N1047X		Tach: 2313.6. S/N: L-12977			
1) Con	following mai ply with oil ch et with new P/	ange. Serv	viced engine w	ith 6 quarts of Aeroshell W10	0 Plus oil. Removed and replaced oil scree	en
This engine w performed. Re 965 W	as repaired in a eference Work	occordance Order 21-3	with the curre 343.	nt regulations of the FAA and	is approved for return to service for the w	/ork

Jeremy McInturff A&P 3684045

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AR	RECORDING TACH TIME	TODAY'S Flight	TOTAL Time in Service	Description of Inspections, Tests, Repairs Entries must be endorsed with Name, Rating and Cert Technician or Repair Fability (See back pages for eth	tificate Number of
TE		1	GENVIOL	Technician or Repair Facility. (See back pages for othe	er specific entries.)
			St	Charles Flying Service, Inc	
		6016		ortage Des Sioux MO 63373 (1-800-447-6066)	
		N1047X		/21 Tach: 2314.5 SMOH: 50.88 ETT: 3959.82	
		Engine		O-235-L20 S/N: L-12977-15	
		Lugine 1.		and removed oil filter	
		2.		inspected oil filter, no metal found.	
		2. 3.		/ filter AA48108-2 torqued and safetied	
-		4.		h 9 qts 20W50 Phillips	
		5.		ves and adjusted	
		<i>6</i> .		ew exhaust temperature probes in cylinders #3 and 4	
		7.		1 check #1-79/80 #2-76/80 #3-78/80 #4-79/80	
				s been inspected in accordance with a 100 hour inspection	
				be in airworthy condition.	
				FLAN	
				Clinton A Grant AP494864959IA	
		1	r .	1 · · · ·	

N1047X



Engine Log

AVIONICS • MAINTENANCE • SALES FAA Approved Repair Station PUVR537X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

 Date: 5/16/2022
 Make: LYCOMING
 Model: O235-L2C
 S/N: L-12977

 Tach: 2351.9
 TSMOH: N/A
 TT: N/A
 TORAINED ENGINE OIL, REMOVED AND INSPECTED OIL FILTER SCREEN, REINSTALLED

 WITH NEW GASKET P/N 61173.
 SERVICED WITH 6 QTS. OF PHILLIPS 20/50 OIL. SAFETIED

 AS REQUIRED, PERFORMED GROUND RUN AND LEAK CHECKS. LEAK CHECKS SATIS-FACTORY.

Steven Bunch A&P525519232

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 22-0170-1

N1047X

+ SANTA FE AERO SERVICES

Engine Log

AVIONICS • MAINTENANCE • SALES FAA Approved Repair Station PUVR537X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

 Date: 7/12/2022
 Make: LYCOMING
 Model: O235-L2C
 S/N: L-12977

 Tach: 2400.1
 TSMOH: N/A
 TT: N/A

 DRAINED ENGINE OIL, REMOVED AND INSPECTED OIL FILTER SCREEN, REINSTALLED

 WITH NEW GASKET P/N 61173. SERVICED WITH 6 QTS. OF PHILLIPS 20/50 OIL. SAFETIED

 AS REQUIRED, PERFORMED GROUND RUN AND LEAK CHECKS. LEAK CHECKS SATIS

 FACTORY.

Steven Bunch A&P525519232

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 22-0246-1





Engine Log

AVIONICS • MAINTENANCE • SALES FAA Approved Repair Station PUVR537X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 7/22/	2022 Make: LYCOMING	Model: 0235-L2C	S/N: L-12977
Tach: 2461.0		$TT: N/\Lambda$	
DRAINED EL	NGINE OIL REMOVED AND	INSPECTED OIL FILTE	R SCREEN, REINSTALLED
WITH NEW (GASKET P/N 61173. SERVIO	CED WITH7 QTS. OF PH	IILLIPS 20/50 OIL. SAFETIED
AS REQUIRI	ED, PERFORMED GROUND	RUN AND LEAK CHEC	KS. LEAK CHECKS SATIS-
FACTORY.			
	= NR		
6			
Chris D. Rea A&P3824320	riference	30-22-025	1-1
-	+ SANTA FE		
N1047X			Engine Log
in the second second second	AERUSI	ERVICES	47024, X705 - 21417 Vis. 2
	AVI	ONICS • MAINTENANCE • SALES	
		Approved Repair Station PUVR537X	5.
		•	
10	9 Aviation Drive • Hang	gar 1 • Santa Fe NM	87507
		1 0 015 100 C (NIT 1	2077 15 (MOSTO SERONAW
			2977-15(M)STC SE792NW
Tach: 2461.43		IT: N/A	<u> </u>
• REMOVED C	RACKED OIL SCREEN HOU	SING FROM SERVICE A	ND INSTALLED SERVICEA-
BLE HOUSIN	G P/N 69510. EXISTING VEF	RNITHERM, OIL TEMP P	ROBE, AND OIL SCREEN
WERE TRANS	SFERRED TO SERVICEABLE	E HOUSING WITH NEW	GASKETS (P/N 76510 &
	FETIED AS REQUIRED. REI		UED TO ENGINE ACCES-
	WITH NEW GASKET P/N 611		
	SAFETY WIRE AT OIL F		1
GROUND RAN	ENGINE OPS AND LEAK C	HECK SATISFACTORY.	
Gerardo Ontive	eros Gernda	Ontin	A&P2819356

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-22-0284

Engine Log

N1047X

AVIONICS • MAINTENANCE • SALES FAA Approved Repair Station PUVR537X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

AERO SERVICES

Date:10-11-2022	Make: L	YCOMING	Model	: 0-235L2C	S/N: L-12977-15	
Tach:2481.7	TTE:4127.0	TSMOH; 2	18.08		CDUMAAN AMA	

C/W A 100 INSPECTION IN SUPPORT OF AN ANNUAL INSPECTION IAW GRUMMAN AMM AND FAR 43 APPENDIX D. RESEARCHED AD'S THROUGH 10-11-22.

COMPLIED WITH COMPRESSION TESTING. 1)77/80 2)78/80 3)78/80 04)78/80

+ Santa Fe

- INSTALLED NEW INDUCTION FILTER, SPARK PLUGS REM38E, AND ROCKER COVER GASKETS.
- ADJUSTED ROCKER ARW COLD CLEARANCE LA.W. LYCOMING SERVICE INFORMATION 1068, AND SET IGNITION TIMING TO 25 DEGREES BEFORE T.D.C. INSTALLED NEW C&D OIL FILTER ADAPTER AND CH48108-1 OIL FILTER, TORQUED AND SAFTIED.SEE FORM 337 THIS DATE.
- INSTALLED OVERHAULED CARBURATOR P/N 10-3103-1 S/N MSOY8M06. RIGGED AND ADJUSTED IDLE SPEED AND MIXTURE.
- GROUND RAN, LEAK AND OPERATIONAL CHECKS SATISFACTORY.

This Engine has been inspected IAW a 100 Hr. Inspection and has been determined to be in airworthy condition and is approved for return to service.

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-22-0328

AN 2834370

+ SANTA FE **Engine Log** N1047X **AERO** SERVICES AVIONICS • MAINTENANCE • SALES FAA Approved Repair Station PUVR537X 109 Aviation Drive • Hangar 1 • Santa Fe NM 87507 Date: 10/11/2022 Make: Lycoming Model: O-235-L2C S/N:L-12977-15(M)STC SE792NW ETT: 4127.0 **TSMOH:218.8** Tach: 2481.7 INSTALLED BC700 OIL FILTER ADAPTER AS PER S.T.C. SE00825WI. AND DRAWING LIST BC700.REV.700-001 DATED2/1/22. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS APPLY AND ARE INCLUDED IN ENGINE PERMANET RECORDS. NO CHANGE TO WEIGHT AND BAL-ANCE. GROUND RUN, OPERATION AND LEAK CHECK SATISFACTORY. FORM 337 HAS BEEN FILED WITH THE F.A.A. A&P2834320 Chris D. Rea

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-22-0328

Date: 11/15/2022; Aircraft: N1047X; Type: AA-1; S/N: AA1C-0050; Hobbs:; Tach: 2537.3; Total Time: 2537.3; Engine - Type: , S/N:, Time:, SMOH:

ENGINE

Conducted oil and filter change. Drained oil and replaced with 6 quarts Phillips XC 20W-50 and new oil filter P/N AA48108-2.

I certify that this aircraft and/or component has been inspected, repaired, and or overhauled in accordance with current FAA/Regulations and was determined to be in airworthy condition and approved for return to service.

Johann E. Berdan A&P Pacific States Aviation, Inc. CPFR9480

YEAR 20 Date	RECORDING Tach Time	TODAY'S Flight	TOTAL TIME IN Service	Description of Inspections, Tests, Repairs and Al Entries must be endorsed with Name, Rating and Certificate N Technician or Repair Facility. (<i>See</i> back pages for other speci	Number of YEA
T S S T A A A A A A A A A A A A A A A A	ype: LY O-235L ensenich 72CK hop Order #: 23 *Engine** Aircraft times aud Engine time audi Propeller times a Performed oil cha Cut open and ins certify that this	2C, S/N: L- -O-54, S/N: B-19187, Clo dited, current udited, current udited, curr ange and se spected the aircraft and parations an Chief Inspe	12977, Time: 4 K276, Time: 41 osed: 8/24/2023 Int Total time : 41 engine time : 4 ent propeller time oil filter for any f /or component h d was determine		

Date: 2/22/2024; Aircraft: N1047X; Type: AA-1; S/N: AA1C-0050; Tach: 2553.90; Total Time: 4199.20; Engine -Type: LY O-235L2C, S/N: L-12977, Time: 4199.20, Last MOH: 3929.24-5/22/2020, SMOH: 269.96; Prop - Type: Sensenich 72CK-O-54, S/N: K276, Time: 4199.20, Last Prop MOH: 3782.05-/ /, SMOH: 417.15 Shop Order #: 24-19428, Closed: 2/22/2024

Engine

Performed 100 hour engine inspection IAW FAR 43 Appendix D. Researched ADs through 02/20/2024. Performed oil change and serviced the engine with 8qts of Phillips XC20W50 and new oil filter P/N-AA48110-2. Cut open and inspected the oil filter for any FOD. None found at this time. Cyl Compressions: Cyl #1- 76/80, Cyl #2- 78/80, Cyl #3- 75/80, Cyl #4- 77/80. I certify this Engine has been inspected IAW 100 Hr. inspection and found to be in airworthy condition. Removed and replaced EGT Gage with new PN : P-110-R. ops check satisfactory. Removed and replaced all bottom four spark plugs with new PN : REM-38E. Changed oil to Aero Shell W-100+, per customer request.

I certify that this aircraft and/or component has been inspected, repaired, and or overhauled in accordance with current FAA, Regulations and was determined to be in airworthy condition and approved for return to service.

Juan C. Rivera, Chief Inspector Pacific States Aviation, Inc. CPFR948C

Date: 6/11/2024; Aircraft: N1047X; Type: AA-1; S/N: AA1C-0050; Tach: 2679.40; Total Time: 4324.70; Engine -Type: LY O-235L2C, S/N: L-12977, Time: 4324.70, Last MOH: 3929.24-5/22/2020, SMOH: 395.46; Prop - Type: Sensenich 72CK-O-54, S/N: K276, Time: 4324.70, Last Prop MOH: 3782.05-/ /, SMOH: 542.65 Shop Order #: 24-02580, Closed: 6/12/2024

Engine

Removed upper cowling, drained and removed oil filter. Cut open the filter and inspected it, no defects noted. Installed new oil filter and serviced with 6 qts W100 plus. Performed operation / leak check. No discrepancies noted at this time.

I certify that this aircraft and/or component has been inspected, repaired, and or overhauled in accordance with current FAA Regulations and was determined to be in airworthy condition and approved for return to service.

Huan C. Rivera, Chief Inspector Pacific States Aviation, Inc. CPFR948C

Date: 10/08/2024; Aircraft: N1047X; Type: AA-1; S/N: AA1C-0050; Tach: 2732.15; Total Time: 4377.45; Engine -Type: LY O-235L2C, S/N: L-12977, Time: 4377.45, Last MOH: 3929.24-5/22/2020, SMOH: 448.21; Prop - Type: Sensenich 72CK-O-54, S/N: K276, Time: 4377.45, Last Prop MOH: 3782.05-/ /, SMOH: 595.40 Shop Order #: 24-02708, Closed: 10/15/2024

Engine

Drained oil, removed oil filter, cut open and inspected, no discrepancies. Installed new filter PN : AA48108-2 and serviced engine with 6 qt of AeroShell W100 plus. Performed leak check. No discrepancies noted at this time.

I certify that this aircraft and/or component has been in societed, repaired, and or overhauled in accordance with current FAA Regulations and was determined to be in airworthy condition and approved for return to service.

Taylor Kim, A&P Pacific States Aviation, Inc. CPFR948C

-	RECORDING Tach Time	TODAY'S Flight	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (<i>See</i> back pages for other specific entries
I				Pacific States Aviation
				925-685-4400
	Type: LY 0-235 Sensenich 72Cl	L2C, S/N: K-O-54, S/I	L-12977, Time:	AA-1; S/N: AA1C-0050; Tach: 2747.55; Total Time: 4392.85; Engine - 4392.85, Last MOH: 3929.24-5/22/2020, SMOH: 463.61; Prop - Type: 4392.85, Last Prop MOH: 3782.05-/ /, SMOH: 610.80 25
.,	***Engine***			
9 9 1 1 1	be found in aircr engine has been condition. Comp No discrepancie blugs fouled out JREM38E. Ops	aft records inspected lied with AI s found at t with lead d check goo	. Compression t in accordance v D 76-07-12R1 a this time. Next d eposits. Remove d. Removed and	W FAR Part 43 Appendix D. Airworthiness Directive compliance may est results : #1 72/80, #2 76/80, #3 75/80, #4 72/80. I certify this with a 100-hour inspection and was determined to be in airworthy nd performed ignition switch function check following AD 76-07-12R1. ue at TACH Time 2847.6 or Annual Inspection. Found bottom 4 spark ed and replaced old spark plugs with new spark plugs PN : d replaced rocker cover gaskets for cylinder # 1 and # 2 with new ed valve cover to spec IAW Lycoming 0-235 MM. Leak check good.
I	certify that this	aircraft and	d/or component l nd was determin	has been userected, repaired, and or overhauled in accordance with ed to be in an worthy condition and approved for return to service.

Т