THE AIRCRAFT AIRCRAFT MAINTENANCE MAINTENA

ENGINE MAINTENANCE RECORDS

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
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			WHU	Closes Cogs De Aspi85488948
11-15-01			A2\$	Removes AN Rophocus #2 Ex Risez
air air				ing New Gus Kits And Muts
Pertinent details of the exhaust system component repairs are on file at this repair station under:	- Juc			4 6754009-1 ops ched good
exhaust file at th	36		atior Dr. 33105	ell ATP (857/889449)
the e	38 M		Avisal surial , WI 5	
ls of irs are	T Car	Ell.	Dawley Aviation 140 Industrial Dr. Burlington, WI 53105 1-800-338-5420	Johns An Am at pasp Lises All cartrels Doll Corp Cheb 1/30 1/26 1/3 1/28
Pertinent details component repairs station upder;	Name Tale	1	Daw 14 Burl	E DA corp Ched 1/30 /26 1/3 /18
inent iponen	Name Work Or	Date []	, —	anges of And closes screen Servisate
Pert com	Nar Wo	Date		oskell 15-50 Clans on Groppin plugs
			Car notes	Kephaw Andother Replace 1 Estpasse
				Chehez Ex
				nas been inspected in accordance
				with an Annuar inspection and was determined to be in
- 34				airworthy condition." GARY W. ROACH A & I 185488949
				del
2-3-03			1926	Replaces mussler with New cleans And
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air				Ishes Engine Down Reserves # 1 cyl
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khaust e at th	52	1	atio Dr. 53105	TS And lock cups hers Ill + 105490949
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of of	31	of the	Dawley Aviation 140 Industrial Dr. Burlington, WI 53105 1-800-338-5420	TS And lock cups hers Dent 185786949 To And lock cups hers Dent 185786949 Totals this page
91) 0	0 13	\$ 4 L -	
Pertinent details of the exhaust system component repairs are on file at this repair station under:	Name fall	Date /Inspected by /	Da Bu	TOTALS this page

				Page No
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Ce-12-03	1926			Peforms An Annual 150 Lusev Al
				controls, Cond DAS comp Check
. Na		1 1	FIGH	1/7, 7/12/13 /16 Clegus AND
				GAPPED plugs Chronges o. LA
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				Ambolton washes Engine Down
	K.	1		Replace Rysman and Marine Togeter Dep 900
			200 - 7 - 7 - 7 - 7	with an Anna inspection
				and was determined to be in airworthy condition."
				GANY W. BOACH A & 1 185488949
				J.
6-20-04	1928	s - kash		Performs on suncy (145) Luses
				All controls Cons Doff competer
-		Tana	B	1/94 2/72 3/71 4/52
				Charges or LAS clears sureey
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				has been inspected in accordance with an Thruck inspection and was determined to be in
				and was determined to be in airworthy condition."
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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22-08	No. of the	11.172		1000 Check 1/73 2/75 3/724/73
	35.0	This is	- 1 10	Charges oil As Checks Savery Cleus as
	4677)	200	Expres plugs Chelks Exhaust Replas
		1-0-11	23.3-	As frice wasty Engline Dour
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	E YES	7 411	STORY THE	"I certify that this direction inspection with an August inspection inspection and is determined to be in
		MAG	1700	and 15 determined 10 00 III ai condition." G. ROACH A \$ 1 /85488949
	St. 3		11.53%	G ROACH A & 1 /85 TECT TO
	day S			Ju Ju
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3-4-10			1998	1/70 2/71 3/754/73 Cods pli control
7 1.0				Changes on 45 Checks Screen Check
			Leading to	Changes on 43 Chelly Scheet Cheek
				may timing Clours + Euppe, pluce Chem
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				Don't Run up "I certify that this aircraft/engine has been inspected in accordance inspection
				has been inspected in inspection with an Aunual inspection and as determined to be in air / condition."
		-		G. ROACH A & I
				Oil 3463540
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				ADJUSTES Truing Clours Aus Gappes plugs
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				all certify that this aircraft/engine
				has been inspected in accordance
				and as determined to be in
				SUB-TOTALS this page G, ROACH A & I TOTALS—Carry forward to next page 3463540

TOTAL TIME DATE TOTAL TACH OR RECORDING METER TIME IN SERVICE SINCE DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK 02/1 10/26 2021, TOTALS brought forward from previous page offect ACCO 10 STORE TO RDANCE 0 E H Jewell Aviation Inc. wron lear 418 Airport Rd. Make: P.O. Box 623 Lycoming Model: Kennett, MO 63857 573-888-5846 O-320-E2D Serial# L-35208-27A www.jewellaviation.com Date: 10/1/2012 Tach Time: This date removed engine for overhaul and disassembled and inspected in accordance with Lycoming Overhaul Manual. All aluminum parts were dye-penetrant inspected. All steel parts were magnafluxed including: crankshaft, connecting rods, gears, etc... All parts were dimensionally inspected and the connecting rods were checked for alignment. The following new parts were installed: rod bolts and nuts, rod and main bearings, certified camshaft (see tag) and new lifter bodies, oil pump kit with housing, vernatherm, oil pressure spring and ball. Installed all new Superior Cylinder Assemblies Part# SL32006W-A21P, see form 8130-3; with all new valves, valve guides, pistons, piston rings, rocker shafts, rocker shaft buttons and rocker covers. Not included in kits but installed, were piston pins. Engine was assembled using new hardware, seals, safety clips, hoses, etc... following AD's: 96-09-10C Oil Pump Gears were replaced, 2004-10-14C Crankshaft gear bolt was replaced, complied with Service Bulletin 505 and AD98-17-11 on corrosion in crankshaft stamped PID. Slick Ignition Kit K4516-40 Installed, Carburetor was replaced with Factory Overhauled MA-4SPA assembly, see form 8130. All work done in accordance with Lycoming Overhaul Manual. Reinstalled engine using new Barry Mounts, filled with 8 Qts Aeroshell SAE50 and test ran engine I/A/W Lycoming SI 1427. Test flew aircraft two hours, all systems checked good. Use Aeroshell Straight Mineral Oil for break-in period. TOTALS—Carry forward to next page

Page No.

Page No.

TOTAL TACH OR DATE RECORDING METER TIME DESCRIPTION OF WORK PERFORMED-SINCE OVERHAUL SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK TOTALS brought forward from previous page Jewell Aviation Inc. Make: Lycoming Model: O-320-E2D P.O. Box 623 Serial# L-42633-27A Kennett, MO 63857 Date: 573-888-5846 10/1/2013 Tach Time: www.jewellaviation.com 2032 SMOH: 00.0 This date performed an annual inspection on this engine. Engine was overhauled this date, see previous entry for details. Performed compression check on cylinders, all checked good at 78/80 or above. Complied with the following AD's: 96-09-10C dated 7/15/1996 Oil Pump Gears, 2004-10-14C dated 6/25/2004 Crankshaft Gear Inspection and Installation. Test run engine, all systems checked normal. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Jewell Aviation Inc. Make: Lycoming Model: 418 Airport Rd. O-320-E2D Serial# P.O. Box 623 L-42633-27A Kennett, MO 63857 573-888-5846 Date: 10/1/2014 Tach Time: 2090.1 www.jewellaviation.com SMOH: 58.10 This date performed an annual inspection on this engine. Performed compression check on cylinders: 1. 79 2. 79 3. 79 4. 79. For a complete list of AD's see compliance record. Test run engine, all systems checked normal. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. 2-27-19 ALTERATION This Date-See AIRFRAME SUB-TOTALS this page TOTALS—Carry forward to next page

Page No.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	Labella,	- Kiping	e min gang	TOTALS brought forward from previous page

Jewell Aviation Inc. 418 Airport Rd. P.O. Box 623

418 Airport Rd. P.O. Box 623 Kennett, MO 63857 573-888-5846 www.jewellaviation.com
 Make:
 Lycoming

 Model:
 O-320-E2D

 Serial#
 L-42633-27A

 Date:
 10/20/2015

 Tach Time:
 2145.1

 SMOH:
 113.1

This date performed an annual inspection on this engine. Performed compression check on cylinders: 1. 78 2. 78 3. 78 4. 78. Drained oil and inspected filter for metal, none found. Filled engine with 8qts Aeroshell 15W50. For a complete list of AD's see compliance record. Test run engine, all systems checked normal. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

(11/2)	
6-1-16 2185.7	This date drained oil and inspected
	filter for netal wore found. Filled with 8 gts Aeroshell 1004+ and ran engine. Returned to service offer test run.
	Prosing R. L. L.
	after test run.
	Favil Jul ASP 3036572

Jewell Aviation Inc.

418 Airport Rd. P.O. Box 623 Kennett, MO 63857 573-888-5846 www.jewellaviation.com
 Make:
 Lycoming

 Model:
 O-320-E2D

 Serial#
 L-42633-27A

 Date:
 10/19/2016

 Tach Time:
 2231.1

 SMOH:
 199.1

This date performed an annual inspection on this engine. Performed compression check on cylinders: 1. 78 2. 78 3. 78 4. 79. Drained oil and inspected filter for metal, none found. Filled engine with 8qts Aeroshell 15W50. For a complete list of AD's see compliance record. Test run engine, all systems checked normal. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Carril 124 3036572

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	JEIIVI-		Laure Sie s	TOTALS brought forward from previous page
1.1	1 1	22296		Completed Annual Trop. IAW FAR43(d) & Lyconing
16/17	tach!	2329.0	,	= 30 = Cas Far Manufal (DIMPRESSION TEST () 180
	SMOH!	297.0		75/2 3 76/80 @ 6/80-exth Valve. Remared #
			-	1. 1 For Papairs at Premier Hircraft
				Form 8130-3 tag. Instilled Repaired cylinder.
		*		Changed oil with 7 ds Aeroshell 100 - Straight
				mineral oil, oil Filter Insp. Good. Installed
			2572 2	New CH48110-1 Fitter Retimed Both
no 25 est	ZCOVE	tert or	MUSSE	mags to 25° Installed 4 new Rocker
1000		e Tivis	Ergen	Cover Gaskets Pln 75906, Engine Ground Run
Local	1 stran	Peter	and	Cover Gaskets VIN 18 (06) Fright
1 4	1.7.	T. T. T.	1228	OPS & Leak & and Returned to Service
- 3				Kelth B. Hayes AP2815927 IA #
		V963	70	02-05-2019 tach: 2383.0 ETT: 2383.0
-	1	V 162	14	SMOH: 33 1.0
		Complé	ted Ann	and Insp. IAW FAR43(1) and Lycoming Service M.
		Complé	ted Ann	and Insp. IAW FAR43(1) and Lycoming Service M.
		Complé Changed 2 75/80	ted Anv doil # 1 37480	The Table Cleaned, Gapped, tested Spark plugs.
		Complete Changed 2) 75/80 Engine	ted And oil & 1 37480 Ground	and Insp. IAW FAR43(1) and Lyconing Service M. Gilter, Filter Insp. Good. Comp. test: 076/80 9076/80 Cleaned, Gapped, tested Spark plugs. d Run, Leak and OPSV Good and
		Complete Changed 2) 75/80 Engine	ted And oil & 1 37480 Ground	nual Insp. IAW FAR43(1) and Lycowing Service M. Pilter, Filter Insp. Good. Comp. test: (1)76/80 90 76/80 Cleaned, Gapped, tested Spark plugs. d Run, Leak and OPSV Good and Service. //eth Hages AP 28/5927 IA
		Complete Changed 2) 75/80 Engine	ted And oil & 1 3 7480 Ground Led to	August Tay TAW FAR43 (1) and Lyconing Service M. Filter, Filter Insp. Good. Compited: (1) 76/80 To 76/80 Cleaned, Gapped, tested spark plugs. I Run, Leak and OPSV Good and Service. // Leath Hayes AP 28/5927 IA
06/		Complete Changed 2) 75/80 Engine	ted And oil & 1 3 7480 Ground Led to	The Tay of and Lyconing Service M. Filter, Filter Insp. Good. Comp. test: 076/80 9076/80 Cleaned, Gapped, tested Spark plugs. d Run, Leak and OPS / Good and Service. // Letter Hayes AP 2815927 IA 117.3 Drained oil and replaced Oil Fifter (CH 48110) The service of the placed o
06/		Complete Changed 2) 75/80 Engine	ted And oil & 1 3 7480 Ground Led to	Jual Insp. IAW FAR43 (1) and Lycoming Service M. Gitter, Fitter Insp. Good. Compited: 076/80 By 76/80 Cleaned, Gapped, tested spark plugs. d Run, Leak and OPSV Good and Service. // Letter Hayes AP 28/5927 IA 117.3 Drained oil and replaced Oil Fitter (CH 48/10) Inspected Oil Filter for Metal None found (CH 48/10) The States Aproshell 1080
06/		Complete Changed 2) 75/80 Engine	ted And oil & 1 3 7480 Ground Led to	Jual Insp. IAW FAR43 (1) and Lycoming Service M. Gitter, Fitter Insp. Good. Compited: 076/80 By 76/80 Cleaned, Gapped, tested spark plugs. d Run, Leak and OPSV Good and Service. // Letter Hayes AP 28/5927 IA 117.3 Drained oil and replaced Oil Fitter (CH 48/10) Inspected Oil Filter for Metal None found (CH 48/10) The States Aproshell 1080
06/		Complete Changed 2) 75/80 Engine	ted And oil & 1 3 7480 Ground Led to	The Tay I AW FAR 43 (1) and Lycoming Service M. Filter, Filter Insp. Good. Compited: (1) 76/80 90 76/80 Cleaned, Gapped, tested spark plugs. Id Run, Leak and OPS Good and Service. // Letter Hayes AP 28/5927 IA 117.3 Drained oil and replaced oil filter (CH 48/10) Inspected oil filter for metal None found Filled engine with gats Aeroshell 1000 and ran engine. Returned to service after and
06/		Complete Changed 2) 75/80 Engine	ted And oil & 1 3 7480 Ground Led to	Jual Insp. IAW FAR43(1) and Lyening Service M. Filter, Filter Insp. Good. Comp. test: 076/80 9076/80 Cleaned, Gapped, tested Spark plugs. Id Run, Leak and OPS V Good and Service. //Lette Hayes AP 2815927 IA 117.3 Drained oil and replaced Oil Fifter (CH 48110) Inspected oil filter for metal None found Filled engine with Buts Aproshell 1080

	TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	25530	mana		TOTALS brought forward from previous page
8/24/20	- 7		2553.0	Orgined + Replaced Oil w/ 80 m + Oil
				F. Her (CH48110) Inspected for metal
				found NONE. Filled engine
360				w Egts Levoshell 80w and
1				Ran Engine + checked for
1145				legkes + found NONE
				Returned to Service,
44.				Tan 76 A+P 3,05556)
74	100 3) 14700	4) 76/80. 0	il and liner c	hanged. Mag timing reset. All spark plugs cleaned, inspected and
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with no	hanged. Mag timing reset. All spark plugs cleaned, inspected and lets. Induction air filter cleaned, inspected, re-charged and reinstalled. Fired. C/W Power Flow ICA. Exhaust system removed, inspected, all slip lew flange gaskets and hardware. Due every 12 months. Repaired rt front leected IAW a 100 Hour Inspection and was determined to be in Rick Brisby AP31018241A
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with no	rets. Induction air filter cleaned, inspected, re-charged and reinstalled. Fired. C/W Power Flow ICA. Exhaust system removed, inspected, all slip ew flange gaskets and hardware. Due every 12 months. Repaired rt front sected IAW a 100 Hour Inspection and was determined to be in
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	rets. Induction air filter cleaned, inspected, re-charged and reinstalled. ired. C/W Power Flow ICA. Exhaust system removed, inspected, all slip ew flange gaskets and hardware. Due every 12 months. Repaired rt front sected IAW a 100 Hour Inspection and was determined to be in Rick Brisby AP3101824IA
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	rets. Induction air filter cleaned, inspected, re-charged and reinstalled. ired. C/W Power Flow ICA. Exhaust system removed, inspected, all slip ew flange gaskets and hardware. Due every 12 months. Repaired rt front sected IAW a 100 Hour Inspection and was determined to be in Rick Brisby AP3101824IA
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	rets. Induction air filter cleaned, inspected, re-charged and reinstalled. Fired. C/W Power Flow ICA. Exhaust system removed, inspected, all slip ew flange gaskets and hardware. Due every 12 months. Repaired rt front rected IAW a 100 Hour Inspection and was determined to be in Rick Brisby AP3101824IA Prained Oil + replaced oil filter (cH48110) Re filled engine w/ 7945 of Lerosbell
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	rets. Induction air filter cleaned, inspected, re-charged and reinstalled. Fired. C/W Power Flow ICA. Exhaust system removed, inspected, all slip ew flange gaskets and hardware. Due every 12 months. Repaired rt front sected IAW a 100 Hour Inspection and was determined to be in Rick Brisby AP3101824IA Prained Oil + replaced oil filter (cH48110) Re filled engine w/ 7945 of Leroshell
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	Rick Brisby AP31018241A Drained Oil + replaced oil filter (cH48118) Re filled engine w/ 7qts of Leroshell and Ran engine + checked for leg ks
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	Rick Brisby AP31018241A Drained Oil + replaced oil filter (cH48118) Re filled engine w/ 7qts of Leroshell and Ran engine + checked for leg ks
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	Refilled engine of For legits Refilled for legits Refilled engine of For legits Refilled for legits
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	Rick Brisby AP31018241A Drained Oil + replaced oil filter (cH48118) Re filled engine w/ 7qts of heroshell and Ran engine + checked for leg ks
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	Drained Oil + replaced oil filter (cH48110) Refilled engine w/ 79ts of Leroshell and Ran engine + checked for leg ks and found None, Return to Service At P 305556/
re Ca jo ru l c	installed with arb bowl drai ints anti-seize abber baffle se certify that th irworthy cond	anti-seize and plued and reinseal. Example 1 is Engine l	and new gask g re-safety w stalled with ne has been Insp	Refilled engine of Flore Central April 18 (CH48118) Refilled engine of Renault Street

Page No. TOTAL TIME IN SERVICE TOTAL TIME SINCE OVERHAUL DESCRIPTION OF WORK PERFORMED-DATE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK TOTALS brought forward from previous page N9637Q Tach: 2648.9 ETT: 2648.9 SMOH 0.3 10/18/2021 The Lycoming O320E2D Engine SN L-42633-27A was removed for prop strike inspection June 20th 2021, and shipped to Jewell Aviation INC, 418 Airport Road, Kennett, MO 63857. Major overhaul of this Engine was performed by Jewell Aviation INK. On this date the overhauled Lycoming O320E2D Engine SN L-42633-27A was reinstalled IAW CSM D972-4-13 Chapter 11. Opps check and ground run is satisfactory at this time. With respect to the work performed, I certify this ENGINE is Airworthy and approved for return to service. Zachary Maurice, AP4028825 OCT 18, 2021. Make: Lycoming Jewell Aviation Inc. Model: O-320-E2D 418 Airport Rd. P.O. Box 623 Kennett, MO 63857 573-888-5846 L-42633-27A Serial# Date: 6/22/2021 Tach Time: www.jewellaviation.com SMOH: 0.000 On this date received engine for overhaul. Completely disassembled engine and cleaned all parts. All aluminum parts were dye-penetrant inspected. All steel parts were magnafluxed including: crankshaft, connecting rods, gears, etc... All parts were measured for dimensional inspection and the connecting rods were checked for alignment. All parts were dimensionally inspected in accordance with Lycoming table of limits SSP-1776. Installed the following new parts I/A/W SB240W: connecting rod bolts and nuts, Camshaft, 15B26262 lifter tappets, lifter plunger assemblies, connecting rod bearings, main bearings, oil pump housing, oil pressure ball and spring. Cylinders were replaced with SL32006W-A20P Assemblies with new piston pins, serial# 326W000003: 056, 052, 058, 060. This date modified engine with STC SE8987SW-D in accordance with RAM Aircraft Drawing ***Continued on Next Page*** No. 1724, Rev. C, dated 4/17/2006, or later FAA approved revision to increase take off power rating from 150HP to 160HP and to increase take off and maximum continuous

No. 1724, Rev. C, dated 4/17/2006, or later FAA approved revision to increase take off power rating from 150HP to 160HP and to increase take off and maximum continuous power rating from 150HP to 160HP. Parts not listed in 240W were found to be in new/serviceable limits and reinstalled in engine. The engine was assembled using new keepers, snap rings, seals, gaskets, hoses, hardware, etc.. No other accessories were received with engine. No accessory related AD's were compiled with. Complied with the following AD's: 2017-16-11 Connecting Rods n/a not reworked, 96-09-10C dated 7/15/1996 Oil Pump Gears, 2004-10-14C dated 6/25/2004 I/A/W Service Bulletin 475C on the crankshaft gear. All work done in accordance with Lycoming Overhaul Manual 60294-7. Engine overhaul will be complete after test run in accordance with S11427B and Overhaul Manual 60294-7. Use Aero Shell non-detergent for break in period.

TOTALS-Carry forward to next page

DATE

TOTAL TIME IN SERVICE TOTAL TIME SINCE OVERHAUL TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



N9637Q Tach: 2648.9 ETT: 2648.9 SMOH 0.3 10/18/2021

On this date a 100 HR inspection was performed IAW FAR 43 Appendix D and Cessna Service Manual or (CSM) D9072-4-13 Section 2 as a guide. Compressions were CYL #1 78/80 #2 78/80 #3 78/80 #4 78/80. Engine was serviced with 7 QT of Aeroshel 80 mineral oil and CH48110-1 oil filter. Engine is recently installed and currently under break in procedures IAW Lycoming braking procedures SI 1420C, until Tach: 2690.0. (See Airframe Logbook Entry dated 10/18/21 and Aircraft Maintenance Records for details) Opps check and ground run is satisfactory at this time. With respect to the work performed, I certify this ENGINE has been inspected IAW 100HR inspection and was determined to be in Airworthy and approved for return to service.

OCT 20, 2021.

Zachary Maurice, AP4028825



N9637Q Tach: 2713.8 ETT: 2713.8 SMOH: 65.2 SN: L-42633-27A 2/20/2022

On this date a <u>50 HR</u> inspection and engine oil service was performed IAW Cessna Service Manual or "(CSM) D9072-4-13" Section 2 as a guide. Pre Service run up and opps check was performed and found erroneous oil pressure and Fuel level indications. Diagnostics confirmed that the indicating instrument clusters were faulty. Fuel Level and Oil Indication Clusters were removed and replaced with serviceable used (Fuel Level Cluster PN: C669511-0102), (Oil Indication Cluster PN: C669512-0102). IAW CSM Section 15, Para 15-16 and 15-19. Engine and engine compartment were visually inspected. Oil leak found at Oil Fill/Oil Level tube. Tube was removed, threads cleaned fuel lube was applied to base gasket, reinstalled, torqued and safety wired. No other discrepancies noted at this time. Engine was serviced with 8 quarts of Aeroshell W80 and AA48110-2 engine oil filter. Engine and cowlings were solvent washed. Removed filter was dismantled and inspected for debris, no discrepancies noted at this time. Post service opps check and run up was satisfactory at this time. With respect to the work performed, I certify this Engine has been inspected and serviced IAW CSM 50HR inspection/service and was determined to be in Airworthy condition and approved for return to service.

Feb 20, 2022.

Zachary Maurice, AP4028825

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	s Aviation Service, LLC 5725 SW Plumley St. Corvallis, OR 97333	
Date: 08 106 12022		
(16 2	7777 4 647	
TT SMOH8 7, 3	Tach 2737.9 Eng TT 89, 3 Serial# L-42633-27A	
Completed a 100 Hour Inspec	ction IAW FAR 43 appendix D. Compression tests #10-1 77/00 #20 17/1/19	
Completed a 100 Hour Inspect 4Cyl 74/80. Cleaned, gapp Normal. Removed and cleaned	stion IAW FAR 43 appendix D. Compression test: #1Cyl 7 7/80, #2Cyl 7 4/80, #3Cyl 7 6/80, ed and tested spark plugs. Checked engine timing. Engine ground run, no leaks detected, Ops Checked and serviced air filer IAW Challenger Air filer for the filer for	
Completed a 100 Hour Inspect 4Cyl \(\frac{74}{80}\). Cleaned, gapp Normal. Removed and cleane 18/31/2005. Exhaust has been	tion IAW FAR 43 appendix D. Compression test: #1Cyl 7 7/80, #2Cyl 7 4/80, #3Cyl 7 6/80, ed and tested spark plugs. Checked engine timing. Engine ground run, no leaks detected, Ops Check d and serviced air filer IAW Challenger Air filter Cleaning Instructions doc #4003, Revision D	
Completed a 100 Hour Inspect 4Cyl \$\frac{100 \text{ Hour}}{2}\$ Inspect of the ACyl \$\frac{1}{2}\$ \$\$\text{\$\texit{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\	stion IAW FAR 43 appendix D. Compression test: #1Cyl 7 7/80, #2Cyl 7 4/80, #3Cyl 7 6/80, ed and tested spark plugs. Checked engine timing. Engine ground run, no leaks detected, Ops Checked and serviced air filer IAW Challenger Air filer for the filer for	
Completed a 100 Hour Inspect 14Cyl \(\frac{2}{3}\)\(\frac{4}{6}\)\(0)\). Cleaned, gapt Normal. Removed and cleane 18/31/2005. Exhaust has been 100 hour inspection and was digned:	tion IAW FAR 43 appendix D. Compression test: #1Cyl 7 7/80, #2Cyl 7 4/80, #3Cyl 7 6/80, ed and tested spark plugs. Checked engine timing. Engine ground run, no leaks detected, Ops Check d and serviced air filer IAW Challenger Air filter Cleaning Instructions doc #4003, Revision D	
Completed a 100 Hour Inspect 44Cyl \(\frac{7}{2}\text{\psi}\)/80. Cleaned, gap in Normal. Removed and cleane 18/31/2005. Exhaust has been 00 hour inspection and was disigned:	tion IAW FAR 43 appendix D. Compression test: #1Cyl 7 7/80, #2Cyl 7 4/80, #3Cyl 7 6/80, ed and tested spark plugs. Checked engine timing. Engine ground run, no leaks detected, Ops Check d and serviced air filer IAW Challenger Air filter Cleaning Instructions doc #4003, Revision D	
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ATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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	9K. 1 29 4	AN ALBO SO HIS AND HIMERONEAUN EMPOREN DENNILES ORIGINE	Ectole	
			N9637Q Ta	ach: 2764.0 ETT: 2764.0 SMOH: 115.5 SN: L-42633-27A 3/24/2022
Sect posi chec half Mair Engi Rem up is	ion 2 as a guid tive wire pulle k is satisfacto flange on bott ntenance Reco ne was service oved filter was satisfactory a	de. Pre Service of loose of ele ry at this time com front of the prds, the repair ed with 8 quar s dismantled to this time. W	e run up and op ectrical -10 eyel e. Engine and ei he engine. Clea ir is verified, ar tts of Aeroshell and inspected (ith respect to to	service was performed IAW Cessna Service Manual or "(CSM) D9072-4-13" ots check was performed and landing light was found to be inoperable. Diagnosis let terminal. Removed broken terminal connector and replaced with new, opts ingine compartment were visually inspected. Minor oil leak found at crank case uned area with mineral spirits, and retorqued crank case bolts, noted in AC and to be re-inspected in 50 hours. No other discrepancies noted at this time. W80 and AA48110-2 engine oil filter. Engine and cowlings were solvent washed for debris, no discrepancies noted at this time. Post service opts check and run the work performed, I certify this Engine has been inspected and serviced IAW and to be in Airworthy condition and approved for return to service.
	ch 24, 2022.		10 00001111110	/ norain
Iviai	11 24, 2022.			Zachary Maurice, AP4028825
- 4		tos Acito - sir eis eise Anjacticistatus (gacteur nemas er electrole	N9637Q Ta	ach: 2791.6 ETT: 2791.6 SMOH: 77.8 SN: L-42633-27A 4/14/2022
10-5 _ and	his date the ca 217 S/N: MS8 cowlings were	arburetor P/N 40406. IAW C	N9637Q Ta 1:10-5217 S/N: Tessna Service I ned. Post service	MSOPL705 was removed and replaced with a serviceable used carburetor P/N: Manual or "(CSM) D9072-4-13" Section 11-43 through 11-15 as a guide. Engine ce ops check and run up was satisfactory at this time. With respect to the work rmined to be in Airworthy condition and approved for return to service.
10-5 – and perf	his date the ca 217 S/N: MS8 cowlings were	arburetor P/N 40406. IAW C	N9637Q Ta 1:10-5217 S/N: Tessna Service I ned. Post service	MSOPL705 was removed and replaced with a serviceable used carburetor P/N: Wanual or "(CSM) D9072-4-13" Section 11-43 through 11-15 as a guide. Engine ce ops check and run up was satisfactory at this time. With respect to the work
10-5 – and perf	his date the ca 217 S/N: MS8 cowlings were ormed, I certif	arburetor P/N 40406. IAW C	N9637Q Ta I:10-5217 S/N: Tessna Service I med. Post service a and was dete	MSOPL705 was removed and replaced with a serviceable used carburetor P/N: Manual or "(CSM) D9072-4-13" Section 11-43 through 11-15 as a guide. Engine see ops check and run up was satisfactory at this time. With respect to the work rmined to be in Airworthy condition and approved for return to service.
10-5 – and perf	his date the ca 217 S/N: MS8 cowlings were ormed, I certif	arburetor P/N 40406. IAW C e solvent wash fy this Engine	N9637Q Ta 1:10-5217 S/N: dessna Service I ned. Post service and was deter	MSOPL705 was removed and replaced with a serviceable used carburetor P/N: Manual or "(CSM) D9072-4-13" Section 11-43 through 11-15 as a guide. Engine see ops check and run up was satisfactory at this time. With respect to the work rmined to be in Airworthy condition and approved for return to service.
10-5 and perf Apri On the Section with dismathis this till	his date the ca 2217 S/N: MS8 cowlings were ormed, I certif I 14, 2022.	arburetor P/N 40406. IAW C e solvent wash fy this Engine R inspection a e. Pre service roshell W100 pected for de pect to the wo	N9637Q Tall:10-5217 S/N: lessna Service Inded. Post service and was determined. N9637Q Tall N9637Q Tall and engine oil service and AA48110- bris, no discrepork performed,	MSOPL705 was removed and replaced with a serviceable used carburetor P/N: Manual or "(CSM) D9072-4-13" Section 11-43 through 11-15 as a guide. Engine to ops check and run up was satisfactory at this time. With respect to the work rmined to be in Airworthy condition and approved for return to service. Ch: 2813.8 ETT: 2813.8 SMOH: 165.2 SN: L-42633-27A 4/28/2022 Service was performed IAW Cessna Service Manual or "(CSM) D9072-4-13" is check was performed, with no discrepancies at this time. Engine was serviced 2 engine oil filter. Engine and cowlings were solvent washed. Removed filter was pancies noted at this time. Post service ops check and run up was satisfactory at 1 certify this Engine has been inspected and serviced IAW CSM 50HR
10-5 and perf Apri On the Section with dismathis tinspe	his date the ca 217 S/N: MS8 cowlings were ormed, I certif I 14, 2022.	arburetor P/N 40406. IAW C e solvent wash fy this Engine R inspection a e. Pre service roshell W100 pected for de pect to the wo	N9637Q Tall:10-5217 S/N: lessna Service Inded. Post service and was determined. N9637Q Tall N9637Q Tall and engine oil service and AA48110- bris, no discrepork performed,	MSOPL705 was removed and replaced with a serviceable used carburetor P/N: Manual or "(CSM) D9072-4-13" Section 11-43 through 11-15 as a guide. Engine see ops check and run up was satisfactory at this time. With respect to the work rmined to be in Airworthy condition and approved for return to service. Ch: 2813.8 ETT: 2813.8 SMOH: 165.2 SN: L-42633-27A 4/28/2022 Service was performed IAW Cessna Service Manual or "(CSM) D9072-4-13" is check was performed, with no discrepancies at this time. Engine was serviced 2 engine oil filter. Engine and cowlings were solvent washed. Removed filter was pancies noted at this time. Post service ops check and run up was satisfactory at 1 certify this Engine has been inspected and serviced IAW CSM 50HR in Airworthy condition and approved for return to service.
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10-5 and perf Apri On the Section with dismathis tinspe	his date the ca 217 S/N: MS8 cowlings were ormed, I certif I 14, 2022.	arburetor P/N 40406. IAW C e solvent wash fy this Engine R inspection a e. Pre service roshell W100 pected for de pect to the wo	N9637Q Tall:10-5217 S/N: lessna Service Inded. Post service and was determined. N9637Q Tall N9637Q Tall and engine oil service and AA48110- bris, no discrepork performed,	MSOPL705 was removed and replaced with a serviceable used carburetor P/N: Manual or "(CSM) D9072-4-13" Section 11-43 through 11-15 as a guide. Engine see ops check and run up was satisfactory at this time. With respect to the work rmined to be in Airworthy condition and approved for return to service. Cachary Maurice, AP4028825 Ch: 2813.8 ETT: 2813.8 SMOH: 165.2 SN: L-42633-27A 4/28/2022 Service was performed IAW Cessna Service Manual or "(CSM) D9072-4-13" is check was performed, with no discrepancies at this time. Engine was serviced 2 engine oil filter. Engine and cowlings were solvent washed. Removed filter was pancies noted at this time. Post service ops check and run up was satisfactory at 1 certify this Engine has been inspected and serviced IAW CSM 50HR in Airworthy condition and approved for return to service.

DATE

TOTAL TIME IN SERVICE TOTAL TIME SINCE OVERHAUI TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page



2424.9 N9637Q Tach: 2824.9 ETT: 2648.9 SMOH 167.3 5/6/2022

On this date a 100 HR inspection was performed IAW FAR 43 Appendix D and Cessna Service Manual or (CSM) D9072-4-13 Section 2 as a guide. Compressions were CYL #1 78/80 #2 76/80 #3 78/80 #4 77/80. Engine was serviced with 8 QT of Aeroshell W100 and AA48110-2 oil filter. Ops check and ground run is satisfactory at this time. With respect to the work performed, I certify this **ENGINE** has been inspected IAW 100HR inspection and was determined to be in Airworthy and approved for return to service.

May 6, 2022.

Zachary Maurice, AP4028825



N9637Q Tach: 2913.4 ETT: 2913.4 SMOH 264.9 7/9/2022

On this date a 100 HR inspection was performed IAW FAR 43 Appendix D and Cessna Service Manual or (CSM) D9072-4-13 Section 2 as a guide. Compressions were CYL #1 78/80, #2 77/80, #3 79/80, #476/80. Engine was serviced with 8 QT of Aeroshell W100 and AA48110-2 oil filter and solvent washed. Ops check and ground run is satisfactory at this time. With respect to the work performed, I certify this **ENGINE** has been inspected IAW 100HR inspection and was determined to be in Airworthy and approved for return to service.

July 7, 2022.

Zachary Maurice, AP4028825



N9637Q Tach: 2962.5 ETT: 2962.5 SMOH 304.9 8/11/2022

On this date a 50 HR service/Inspection was performed IAW Cessna Service Manual or (CSM) D9072-4-13 Section 2 as a guide. Engine was serviced with 8 QT of Aeroshell W100 Plus and AA48110-2 oil filter. Ops check and ground run is satisfactory at this time. With respect to the work performed, I certify this **ENGINE** was determined to be Airworthy and approved for return to service.

Aug 11, 2022.

Zachary Maurice, AP4028825



N9637Q Tach: 2996.3 ETT: 2996.3 SMOH 347.4 8/30/2022

On this date a 100 HR inspection was performed IAW FAR 43 Appendix D and Cessna Service Manual or (CSM) D9072-4-13 Section 2 as a guide. Compressions were CYL #1 76/80 #2 76/80 #3 76/80 #4 72/80. Plugs were cleaned gapped and tested, no discrepancies. Mag leads and Mag timing check was satisfactory. Ops check and ground run is satisfactory at this time. With respect to the work performed, I certify this **ENGINE** has been inspected IAW 100HR inspection and was determined to be in Airworthy and approved for return to service.

AUG 30, 2022.

Zachary Maurice, AP4028825

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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17/22			3143.2	Printed + Salviad oil wing 8015 80W (US
7				AP4028825
- Section discre	s date a 100 H n 2 as a guide.	Compression	N9637Q Tac was performed as were CYL #1 g timing check	th: 3111.3 ETT: 3092.8 SMOH 462.4 11/6/2022 HAW FAR 43 Appendix D and Cessna Service Manual or (CSM) D9072-4-13 78/80 #2 77/80 #3 78/80 #4 76/80. Plugs were cleaned gapped and tested, no was satisfactory. Ops check and ground run is satisfactory at this time. With
	t to the work thy and appro			GINE has been inspected IAW 100HR inspection and was determined to be in
NOV 6	, 2022.			Zachary Maurice, AP4028825
			1	
On this dare #1 77 check was Peterson ground rule.	bbs Time 3190.2 date a 100 hour in 1780, #2, 76/80, # s satisfactory. If Aviation, Inc A in were satisfact that this Engine ed to be in airwo	2 SMOH 541.3 nspection was p #3 78/80, #4 73 Removed Marv uto fuel STC in tory at this time has been inspe	or N# 9637Q berformed IAW F /80. Plugs were el Schebler Carbi istalledSA2601Ci oc.	Serial# L-42633-27A FAR Appendix D and the Cessna Service Manual as a guide. Compressions cleaned, gapped and tested, no discrepancies found. Mag leads and timing puretor model number MA-4SP A and replaced with Part number AV10-5217. The IAW STC SE2587CE. No change to Weight and balance. Ops check and D Hour Inspection IAW FAR 43 appendix D as applicable and has been Date S S S S Act S S S S S S S S S S S S S S S S S S S
Tach/Ho On this d are #1 77 check wa Peterson ground ri I certify t determin Signed:	bbs Time 3190.2 date a 100 hour in 1780, #2, 76/80, # s satisfactory. If Aviation, Inc A in were satisfact that this Engine ed to be in airwo	2 SMOH 541.3 nspection was p #3 78/80, #4 73 Removed Marv uto fuel STC in tory at this time has been inspe	or N# 9637Q berformed IAW F /80. Plugs were el Schebler Carbi istalledSA2601Ci oc.	Serial# L-42633-27A FAR Appendix D and the Cessna Service Manual as a guide. Compressions cleaned, gapped and tested, no discrepancies found. Mag leads and timing puretor model number MA-4SP A and replaced with Part number AV10-5217. ELIAW STC SE2587CE. No change to Weight and balance. Ops check and Date Solve Tach: 32 Million N9637Q On this date a 50hr Inspection was completed IAW the Cessna Service Manual (CSM). Engine Oil was drained and replaced with 8 qts of Aeroshell 100w. Engine and cowling inspected for leaks and cleaned with mineral spirits. Engine was run and found satisfactory. This aircraft has been inspected and service IAW CSM 50 Hour inspection/service
Tach/Ho On this d are #1 77 check wa Peterson ground ri I certify t determin	bbs Time 3190.2 date a 100 hour in 1780, #2, 76/80, # s satisfactory. If Aviation, Inc A in were satisfact that this Engine ed to be in airwo	2 SMOH 541.3 nspection was p #3 78/80, #4 73 Removed Marv uto fuel STC in tory at this time has been inspe	or N# 9637Q berformed IAW F /80. Plugs were el Schebler Carbi istalledSA2601Ci oc.	Serial# L-42633-27A FAR Appendix D and the Cessna Service Manual as a guide. Compressions cleaned, gapped and tested, no discrepancies found. Mag leads and timing puretor model number MA-4SP A and replaced with Part number AV10-5217. TE IAW STC SE2587CE. No change to Weight and balance. Ops check and Date S S TAPE Tach: S 2 4 M N9637Q On this date a 50hr Inspection was completed IAW the Cessna Service Manual (CSM). Engine Oil was drained and replaced with 8 qts of Aeroshell 100w. Engine and cowling inspected for leaks and cleaned with mineral spirits. Engine was run and found satisfactory. This aircraft has been inspected and service IAW CSM 50 Hour inspection/service and is determined to be in airworthy condition at this time. Kevin
Tach/Ho On this d are #1 77 check wa Peterson ground ri I certify t determin	bbs Time 3190.2 date a 100 hour in 1780, #2, 76/80, # s satisfactory. If Aviation, Inc A in were satisfact that this Engine ed to be in airwo	2 SMOH 541.3 snspection was p 3 78/80, #4 73 Removed Marv uto fuel STC intory at this time has been inspe orthy condition	oberformed IAW F 1/80. Plugs were ell Schebler CarbistalledSA2601Cl. 1. cted IAW an 100 at the time.	Serial# L-42633-27A FAR Appendix D and the Cessna Service Manual as a guide. Compressions cleaned, gapped and tested, no discrepancies found. Mag leads and timing puretor model number MA-4SP A and replaced with Part number AV10-5217. TE IAW STC SE2587CE. No change to Weight and balance. Ops check and Date S S S Z C S Tach: S 2 4 6 N9637Q On this date a 50hr Inspection was completed IAW the Cessna Service Manual (CSM). Engine Oil was drained and replaced with 8 qts of Aeroshell 100w. Engine and cowling inspected for leaks and cleaned with mineral spirits. Engine was run and found satisfactory. This aircraft has been inspected and service IAW CSM 50 Hour inspection/service and is determined to be in airworthy condition at this time.
Tach/Ho On this d are #1 77 check wa Peterson ground ri I certify t determin Signed: A&P305	bbs Time 3190.2 date a 100 hour in 1780, #2, 76/80, # s satisfactory. If Aviation, Inc A in were satisfact that this Engine ed to be in airwo	2 SMOH 541.3 snspection was p 3 78/80, #4 73 Removed Marv uto fuel STC intory at this time has been inspe orthy condition	oberformed IAW F 1/80. Plugs were ell Schebler CarbistalledSA2601Cl. 1. cted IAW an 100 at the time.	Serial# L-42633-27A FAR Appendix D and the Cessna Service Manual as a guide. Compressions cleaned, gapped and tested, no discrepancies found. Mag leads and timing puretor model number MA-4SP A and replaced with Part number AV10-5217. The IAW STC SE2587CE. No change to Weight and balance. Ops check and Description IAW FAR 43 appendix D as applicable and has been applicable and has been been been been been been been bee
Tach/Ho On this d are #1 77 check we Peterson ground ri I certify i determin Signed: A&P305	bbs Time 3190.2 date a 100 hour in 1780, #2, 76/80, # ssatisfactory. If Aviation, Inc A in were satisfact that this Engine ed to be in airwo	2 SMOH 541.3 snspection was page 378/80, #473 Removed Marvuto fuel STC intory at this time has been insperitly condition	oberformed IAW F 1/80. Plugs were ell Schebler CarbistalledSA2601Cl. 1. cted IAW an 100 at the time.	Serial# L-42633-27A FAR Appendix D and the Cessna Service Manual as a guide. Compressions cleaned, gapped and tested, no discrepancies found. Mag leads and timing puretor model number MA-4SP A and replaced with Part number AV10-5217. The IAW STC SE2587CE. No change to Weight and balance. Ops check and Description IAW FAR 43 appendix D as applicable and has been applicable and has been been been been been been been bee
Tach/Ho On this dare #1 77 check was Peterson ground in I certify it determin Signed: A&P305	bbs Time 3190.2 date a 100 hour in 1780, #2, 76/80, # ssatisfactory. If Aviation, Inc A in were satisfact that this Engine ed to be in airword	Pegasus A Tacl O hour inspection 4/80, #3 78/80, #4 73 Pegasus A Tacl O hour inspection A/80, #3 78/80, Adependencies fe ling was repaire 88 and MS2931 se, replaced, op:	berformed IAW F /80. Plugs were el Schebler Carb istalledSA2601Ci cted IAW an at the time. Aviation Serv in Time 3368.0 In was performed #4 72/80. Sparkg bund. Mag leads a d, fuel strainer ch s check satisfactor is check satisfactor	Serial# L-42633-27A FAR Appendix D and the Cessna Service Manual as a guide. Compressions cleaned, gapped and tested, no discrepancies found. Mag leads and timing puretor model number MA-4SP A and replaced with Part number AV10-5217. The IAW STC SE2587CE. No change to Weight and balance. Ops check and Date S S S Tack Tach: Ops check and Date S S S Tack Tach: Negative Manual (CSM). Engine Oil was drained and replaced with 8 qts of Aeroshell 100w. Engine and cowling inspected for leaks and cleaned with mineral spirits. Engine was run and found satisfactory. This aircraft has been inspected and service IAW CSM 50 Hour inspection/service and is determined to be in airworthy condition at this time. Kevin Hester AP3055561



Pegasus Aviation Service, LLC 5725 SW Plumley St. Corvallis, OR 97333

Date: 07/10/2023	Date:	07/1	0/2023
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Total Time: 847.8

Tach Time 3445.7

N9637O

Serial# L-4263327A

On this Date a 100 hour inspection was performed IAW FAR Appendix D and the Cessna Service Manual as a guide. Compressions are #1 76/80, #2 74/80, #3 78/80, #4 72/80. Cleaned engine. Sparkplugs were removed, cleaned gapped, tested, and reinstalled with new copper washer and anti seize, no dependencies found. Mag leads and timing was checked, replaced spring on mag lead at #4 sparkplug, Ops check satisfactory. Drained oil and replaced 70ts with aeroshell 100w, removed oil filter and inspected for debris, non found, replaced with CH45110-1. Cleaned Challenger air filter and recharged screen with K&N Red. Replaced missing hardware on exhaust chroud. Learlify that this Engine has been inspected IAW an 100 Hour Inspection IAW EAD 43 expendix Descending the exhaust shroud. I certify that this Engine has been inspected IAW an 100 Hour Inspection IAW FAR 43 appendix D as applicable and has been determined to be in airworthy condition at the time.

Signed:

A&P3055561



Pegasus Aviation Service, LLC 5725 SW Plumley St. Corvallis, OR 97333

Date: 09/13/2023

Total Time: 1038.8

Tach Time 3636.7

N9637Q

Serial# L-4263327A

On this Date a 100 hour inspection was performed IAW FAR Appendix D and the Cessna Service Manual as a guide. Compressions are #1 74/80, #2 75/80, #3 75/80, #4 71/80. Cleaned engine. Sparkplugs are removed, of an edgapped, tested, and reinstalled with new copper washer and anti-seize, no dependencies found) Mag rads and timing was effected. One check satisfactory. Drained oil and replaced 70ts with aeroshell 100w, removed oil filter and inspected for debris, non found, replaced with CH45110-1. Cleaned Challenger air filter and recharged screen with K&N Red. Replaced missing kardy are on exhaustement. I certify that this Engine has been inspected AW a 100 Hour Inspection IAW FAR 43 appendix D as approach for a feel as been determined to be in airworthy condition at the time. condition at the time.

Signed:_

A&P3055561

Date 7 / 22 / 2007 rach: 3 495. N9637Q
On this date a 50hr Inspection was completed IAW the
Cessna Service Manual (CSM). Engine Oil was drained and replaced with 8 qts of Aeroshell 100w. Engine and cowling inspected for leaks and cleaned with mineral spirits. Engine was run and found satisfactory. This aircraft has been inspected and service IAW CSM 50 Hour inspection/service and is determined to be in airworthy condition at this time.

Hester

AP3055561

SUB-TOTALS this page

TOTALS-Carry forward to next page

N9637Q Tach: 3046.0 ETT: 2996.3 SMOH 397.1 9/13/2022 On this date a 50 HR inspection was performed IAW Cessna Service Manual or (CSM) D9072-4-13 Section 2 as a guide, Engine oil was drained and serviced with 8 quarts of Aeroshell 100w plus. Spark plugs were removed and replaced with 8 NEW Champion PN RH40E. Ops check and ground run is satisfactory at this time. With respect to the work performed, I certify this SEPT 13, 2022. Zachary Maurice, AP4028825 N9637Q Tach: 3092.8 ETT: 3092.8 SMOH 443.9 10/6/2022 On this date a 100 HR inspection was performed IAW FAR 43 Appendix D and Cessna Service Manual or (CSM) D9072-4-13 Section 2 as a guide. Compressions were CYL #1 78/80 #2 76/80 #3 77/80 #4 76/80. Plugs were cleaned gapped and tested, no discrepancies. Mag leads and Mag timing check was satisfactory. Removed power flow exhaust and installed NEW AWI exhaust assembly, PN A9954001-3 IAW CSM 11-75 a-f. W&B updated by calculation. Ops check and ground run is satisfactory at this time. With respect to the work performed, I certify this **ENGINE** has been inspected IAW 100HR inspection and was determined OCT 6, 2022. aan Zachary Maurice, AP4028825 Date: 04/18/2023 Total Time: Tach/Hobbs Time 3287.9 N9637Q On this Date a 100 hour inspection was performed IAW FAR Appendix D and the Cessna Service Manual as a guide. Compressions are #1 76/80, #2 76/80, #3 76/80, #4 74/80. Sparkplugs were removed cleaned gapped, tested, and reinstalled with new copper washer satisfactory. Baffling was repaired, fuel strainer checked for debris, replaced spring on mag lead at #4 sparkplug, Ops check rings MS29513-138 and MS29313-111. Repositioned and secured throttle cable and assured full throttle movement. Found break in Solder on fuel prime line renaired ons check satisfactory. I certify that this Engine has been inspected IAW an 100 Hour Inspection. Serial# L-4263327A Ings wis 29313-136 and wis 29313-111. Repositioned and secured unroute capite and assured full direction in the inexpected in the inexpect A&P3055561_ Pegasus Aviation Service, LLC 5725 SW Plumley St. Corvallis, OR 97333 Date: 08/13/2023 Total Time: 947.0 Tach Time 3544.9 N9637Q On this Date a 100 hour inspection was performed IAW FAR Appendix D and the Cessna Service Manual as a guide. Compressions Serial# L-4263327A On this Date a 100 hour inspection was performed IAW FAK Appendix D and the Cessna Service Manual as a guide. Compressions are #1 76/80, #2 74/80, #3 76/80, #4 72/80. Cleaned engine. Sparkplugs were removed, cleaned gapped, tested, and reinstalled with new copper washer and anti-seize, no dependencies found. Mag leads and timing was checked, replaced spring on mag lead at #4 sparkplug. One check satisfactory. Desired sill and replaced 70% with perceival 100m, removed sill flavored inspected. new copper washer and anti seize, no dependencies found. Mag leads and timing was enecked, replaced spring on mag lead at #4 sparkplug, Ops check satisfactory. Drained oil and replaced 70ts with aeroshell 100w, removed oil filter and inspected for debris, non exhaust shroud. I certify that this **Engine** has been inspected IAW an 100 Hour Inspection IAW FAR 43 appendix D as applicable Signed: Date 1 2# 207 ach: 35 90. N96 On this date a 50hr Inspection was completed IAW the A&P3055561 Cessna Service Manual (CSM). Engine Oil was drained and replaced with 8 qts of Aeroshell 100w. Engine and cowling inspected for leaks and cleaned with mineral spirits. Engine was run and found satisfactory. This aircraft has been inspected and service IAW CSM 50 Hour inspection/service SUB-TOTALS this and is determined to be in airworthy condition at this time. TOTALS—Carry fo Kevin Hester AP3055561

ATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIG	DESCRIF NATURE & CERT	TION O	F WORK PER NO. OF PERSO	FORMED— N PERFORMING W	/ORK
	09/18/ Date: 00/13/202	01	s Aviation Se	rvice, LLC 572	25 SW Plumle	y St. Co	rvallis, OR 9	7333	
	Total Time: 10		Tach Time 36	36.7	N9637Q	Serial#	L-4263327A		
	are #1 74/80, # new copper washe and replaced 7. Challenger air I has been inspec condition at the Signed: A&P3055561 Date: 11/08/2023 Total Time: 1122. On this Date a 100 are #1 72/80, #2 7 new copper washe and enderstoper are the standard and are the proper washe.	Pegasus A Tach/Hol Ohour inspectio O/80, #3 72/80, ar and anti-seiz	tize, no dependential 100w, removed a was performed #4 70/80. Clean, no dependencial 100w, removed a was performed #4 70/80. Clean, no dependencial 100w, removed a was performed #4 100w, removed a was performed #4 100w.	cies found. Mag le	SW Plumley S Serial# L-4: Lix D and the Cessings were removed as and timing was cleded for debris, no not be something to the control of th	s checked on found, re on exhaustic and has been declared inspected was run inspected and is declared. Kevin Hester_	Ops check satisreplaced with CF- ust shroud. I ce s been determine 127+24 ate a 50hr Inspec ervice Manual (to with 8 qts of Aet of for leaks and cl and found satisfa d and service IAV etermined to be in Manual as a gui gapped, tested, ar ps check satisfa laced with CH45	tion was completed (SM). Engine Oil w coshell 100w. Engine oil w coshell 100w. The coshell 100w. The coshell 100w. The coshell 100w. This aircraft W CSM 50 Hour install airworthy condition of the coshell coshell (SM) and the coshell coshe	TAW the ras drained an e and cowling spirits. Engine has been nection/service.
	has been inspected condition at the tit Signed: A&P3055561	ARISARRO 387-479 FA	Inspection IA	W FAR 43 append	Da a applicable Da Or Ce ret ins wa ins an K. H.	and has b this date ssna Serv blaced wit spected fo ss run and spected an d is detern evin	a 50hr Inspection for Manual (CSM h 8 qts of Aeroshr leaks and clean found satisfactor d service IAW Chined to be in air	ch: 3865 4 was completed IAV 1). Engine Oil was a ell 100w. Engine at dwith mineral spir y. This aircraft has SM 50 Hour inspec- worthy condition at	drained and do cowling its. Engine been tion/service this time.
S	ection 2 as a gu	ide. Compres	sions were CY	med IAW FAR 43	3 Appendix D an 5/80 #3 78/80 #4	d Cessna 70/80.	Service Manu Plugs were clean and run is satis	aned gapped and factory at this tir	ne. With
Se di	ection 2 as a gu	ide. Compres lag leads and ork performe	sions were CY Mag timing ch d, I certify this	med IAW FAR 43 L #1 78/80 #2 76 eck was satisfac ENGINE has bee	3 Appendix D an 5/80 #3 78/80 #4	d Cessna 70/80.	Plugs were cleaning and run is satistic inspection and run is satisfication.	aned gapped and	ne. With d to be in

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED—
				TO NO. OF PERSON PERFORMING WOR
	No.			201 ALS Frought lorvard from previous page
The same of the sa	31			
Date	02/06/2024	Pegasus Av	viation Service	e, LLC 5725 SW Plumley St. Corvallis, OR 97333
Total	Time: 1218.0		Time 3815.9	
clamp clamp with n straine defect	s. Repaired ca s. Compression ew copper was er checked for cover cork gasket	abin heat bracket ons are #1 75/80, sher and anti-seiz debris, none four t, replaced with r	Replaced gromn #2 73/80, #3 78/8 ze, no dependencie nd, replaced O-ring new G-8179-HD L	V FAR Appendix D and the Cessna Service Manual as a guide. Drained Oil and none found. Replaced engine oil with 7 qts of Aero Shell 80w and replaced oil net for alternator power though baffle with better fit and secured with Adel 10, #4 70/80. Sparkplugs were removed, cleaned, gapped, tested, and reinstalled gs MS29513-138 and MS29313-111. Found valve covers leaking because of 8 Silicone Cover services of
certify determ	that this Engir	ne has been insperieworthy condition	ected IAW a 100 F	Silicone Cover gasket, ops check satisfactory found oil leak at base of oil Cleaned Challenger Oil Filter and recharged screen with K&N Red. I Hour Inspection IAW FAR 43 appendix D as applicable and has been
Signed	7	- Worthly condition	on at the time.	as applicable and has been
Kevin I	Hester AP3055	5611A		
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			1-38	
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