

RT ENG 09 TO PRESENT

ASA=SE-1

Engine Record General Information Manufacturer Texton Ly Common Serial RL-366-66A	Model LZ2	D-320-BIA
Serial L - 3 Lele-lele AT This engine is currently installed in aircraft	N88WW P. Rer	PA39CR
Minimum Octane Fuel	Oil Grade: Summer	Winter
Magneto Time	Point Setting	Firing Order
Spark Plug Gap		
Manufacturer recommended overhaul at	hours	

				ests, Repairs and Alterations ests, Repairs and Alterations Estimated the endorsed with Name, Rating and Certificate Number of Technician or Repair Estimated the endorsed with Name, Rating and Certificate Number of Technician or Repair
DATE				Facility. (See back pages for other specific entries.)
6/17	204.2			Propeller elynomically belonced using Micro-Use
-				@ 120° and 46.30 60' AN hardware. result! . 059 1PS
				@ 120° and 46.30 60' AN hardware. result! . 059 1PS
2000				Duta Carl Aap 3106061
6/18/10	204-2	SMO H	1355.2	TTE 1855.2 Comp r #1 72 #266 #376 #468
	Cw	AD 700	08-14-07	THE B55.2 Comp r #1 72 #266 #376 #468 DRAINED Oil, Changed Ciltar Replenished with 70to
	TH	w ms	33428	Acrosell 19050, changed Air FILER- CLEANED & GAPPED
			Can	Spack Plugs. Lubed All controls. BEPlacEd Front
				CRANKShaft SEAL WITH NEW PU LW 13792
				I certify this Comment has been inspected IAW An Annual

Inspection & was in ARworthy Conchition = 5 AP 27409712

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J Anmonda Connut.	AUTHORIZED RELEASE CE FAA FORM 8130-3, AIRWORTHINESS	ADDDOUAL TAG	m Tracking Number:	-	Manadiana
T. TIMIOMILLO OMILLO	The state of the s	ALTHOVALIAG 2	765414	ests, Repairs and	Aiterations
Organization Name and Address:			/ork Order/Contract/Invoice Number:	-, Rating and Certificate	Number of Technician or Repair
Cossna Ai	rcraft Company (PC	(4)	:	pecific entries.)	Pull
5800 [Pawnee	tribution Dept. 702	2	1020842		
6. Item: 7. Description: 8. Part Nur	WICHITA. KS 6/218.		1020042		14
I so bree	e. Engionity:	10. Quantity: 11. Serial/Batch	h Number: 12. Status/Work:	b-lanced usi	ng Micro-Vis
10 SEAL LW1379	92 N/A	1 3009	New		
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AIRWORTHINESS APPROVAL	- PARTS, THIS FORM	TO NOT AN ENDO			1
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M Code and a second	11、金雪等人的	PO# A0G060	710		
14. Certifies the items identified above were manufacture Approved design data and are in a condition for s	TO KAS	9 Return to Service Othe	r regulation specified in block 13		
Non-approved design date specified in Block 13.	Certifies th	at unless otherwise specified in and described in Block 13 was accide of Federal Regulations, part are approved for return to service	Block 13, the work iden filed in		
5. Authorized Signature:	Title 14, Co	ode of Federal Regulations, part re approved for return to service	43 and in respect to that work,		
ognature.	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate_No.:	ad a short of	6 #376 #468
Kendew portide	上海"大学"至统经发。			1 72 26	6 #3 10 11900
	OPA-100129-CE			011-01	1-16 11-1
. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed):	23. Date (m/d/y):	a Liltor KEPI	enished with 70to
NNETH E. WYSOCKI SR.	JUN/07/2010			1 01/00	0. 0 . 2 1 . 0
a Charles Park to the	Hear / Installar Doomanally IIII			ged Airtilter	- CLEANED & GAPRED
important to understand that the existence of this do are the user/installer performs work in accordance with	rumont along does not a domestic II		oonent/assembly	1 10	1
affed in Block 1, it is essential that the user/installer	th the national regulations of an airworthiness	authority different than the airwort	thiness authority of the country	All controls.	BEPLACED Front
ority of the country specified in Block 1	autiony ac	cepts parts/components/assemblie	es from the airworthiness		
ements in Blocks 14 and 19 do not constitute installar dance with the national regulations by the user/installar	tion certification. In all cases, aircraft maintena	ince records must contain an insta	allation certification issued in	144 NEW PU	1 LW 1379Z.
Farm 0400 0 (0 04)	s-check eligibility with applicable technical data	A STATE OF THE STA	1000		
	I I I I I I I I I I I I I I I I I I I	a	NSN: 0052-00-012-9005	MAS been inspect	ed IAN An Annual
The state of the s		Passeelian &			- E 60 27409713
			10-00 mm 1.1-00	1 Pranchi Flow	- CAULITUIN

YEAR:	RECORDING TACH TIME	Description of Inspections, Tests, Repairs and Alterations Description of Inspections, Tests, Repairs and Alterations Repair Repair
DATE	TUME	Right
		Detail I To I and
		Date:3/17/11 Tach: 224.0 ETT: 1375.0 SMOH: 1375.0
		Drained oil and added 7 quarts of Asisws0.
		Filter cartridge was/was not (ronload) with DAI
		Filter was cut and inspected Leak check
		completed and was Satisfactory/Unsatisfactory.
	1	125 RC AP 2740971
		Signature Certificate#/Type

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Entries must be endorsed with Name, Ratin Facility. (See back pages for other specific e	ng and Certificate Number of Technician or Re
DATE					
	07/01/11	N8	8WW	Lycoming LIO-320-B1A	Engine 2 Logbook
	W.O. 1069	9-3028 Righ	nt Engine Tac	ch Time:234.9 TTE:1385.9 Smoh:1385.9	Langino 2 Logbook
	Completed	100 Hour	inspection in a	accordance with manufacturers inspection pr	ocedures manual ——
	1. Cold Co	mpression	Check #1 74	#2 64 #3 72 #4 74	occures manual.
	2. Cw ad 2	008-14-07	IAW Lycoming		ection or anytime work is
	accomplish	ned on lines	S		The state of the s
	3. Oll and	Tilter not co	impleted due t	to recently completed.	
	5. CW 500	Mag inspe	ction on both	pection. Next due tach 634.9 Mags, replaces points, dist cap and gear.	
	I certify this	engine ha	s heen inspec	ated IAM an annual increation and gear.	
	condition	ongine na	o been mapee	ted IAW an annual inspection and was deterr	mined to be in airworthy ———
				Signed	
1					
				Timothy Ward AP	2740971 IA
		CONTRACTOR DESIGNATION AND ADDRESS OF THE PARTY OF THE PA	CONTRACTOR OF THE PROPERTY OF		

Right Engine TTE	N88\VW 1410.6 SMOH 14		IO-320-B1A	Engine 2 Logbook
Performed oil and	filter change in a	cordance with the	manufacturers maintenanc Washed engine, run up and	e manual. Installed 8 I checked for leaks.
The above work w	vas completed in a	ccordance with cur	rent regulations of the Fed	eral Aviation Administration
		Signed	TE	
			Timothy Ward A&P	2740971 IA
		4119B E Los Lunas,	Elaine DR NM 87031	
BWW	Make - Pip	er	Model – PA-39	Serial # - 39-125
8/11	Hobbs- 13	03.1	Tach - 284.2	Right Engine
oil and replace No leaks foun	ed with 8 qts A	Eugene R	2. Morgan	oil filter. Cleaned. Ran and leak
	Performed oil and quarts of Aeroshe The above work wand is approved for a series of Aeroshe WWW 8/11 oil and replace	Performed oil and filter change in adquarts of Aeroshell 15VV50 Oil and All The above work was completed in a and is approved for return to service with the se	Morgan E Al 198 E Los Lunas, (505) 5 WW Make - Piper Hobbs- 1303.1 Dil and replaced with 8 qts Aeroshell 15W50 No leaks found.	Performed oil and filter change in accordance with the manufacturers maintenance quarts of Aeroshell 15W50 Oil and AA48110 oil filter. Washed engine, run up and the above work was completed in accordance with current regulations of the Federal and is approved for return to service for the work accomplished. Signed Morgan Enterprises 4119B Elaine DR Los Lunas, NM 87031 (505) 565-4081 WW Make - Piper Model - PA-39 Hobbs- 1303.1 Tach - 284.2 Dil and replaced with 8 qts Aeroshell 15W50 oil. Changed 48110 oil.

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	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.)
DATE				r dointy: (Oce back pages for earler specime critice.)
		N88V	VW Tach 29	99.9 R/H engine 04-06-2012
		Chan	ged oil and	filter. Serviced w/8qts Phillips 20w50 & installed
		new	CH48110-1	filter. Run up engine, no leaks detected this date and time.
		Pel	ICH	18
		David	d Husbands	
		A&1	3305796	The second secon
			5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	a minima Andrews Bank Bank Bank Bank Bank Bank Bank Bank

TOTAL TIME: 1485 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE, W.O. # 6450 SIGNED CHARLES CITY AERONAUTICS, CHARLES CITY, IA FAA APPROVED REPAIR STATION #CQVR964C	Tests, Repairs and Alterations ame, Rating and Certificate Number of Technician or Repair r specific entries.)
06/01/2013 Tach: 334 Total Time: 1485 Differential Compres #3 68/80; #4 70/80 Clean and regap 8 spark plugs. Change of 15W50 Change oil filter and clean screen-cut apart old filter at AD 2011-26-04, amndt. 39-16894 buy inspection of fuel inject AD due at next Annual, 100-br. or fuel injector maintenance. Proper operation-OK Chief Inspector for Charles City Aeronautics, Inc, Charles City Station #CQVR964C	oil-fill sump with 8 qt. Aeroshell and check for metal-found none. C/W tor lines-OK-next inspection per this Test run and check for leaks and William R. Kyle

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endors	pections, Tests, Repairs and Alterations and With Name, Rating and Certificate Number es for other specific entries.)	ns of Technician or Repair
DATE						
				N88WW		8/16/2014
				Hobbs: 1419.5		LIO-320-B1A
				ETT: 1541.2	(R)Engine Log	s/n RL-366-66A
				Inspected in accordance with Manual, Table III-I Inspection certify that this engine has a determined to be in airworth.	th an annual inspection using Piper Twin Coma on Report as a guide. AD's researched through been inspected an accordance with and annual thy condition. On Orig Sigm Alc Lopback 2819	nche Service bi-weekly 2014-16. I inspection and was

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	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.)
Hobbs	8WW 3: 1439.5 1561.2		(R)Er	9/07/2017 LIO-320-B1A agine Log s/n RL-366-66A
Compl	ag led with comp Brian Lub	01 Aviation ression chec	Way Caldwell ks R/H #2 en	Management Inc. , Idaho 83605 (208) 649-5106 ine. #1 78/80 #2 75/80 #3 78/80 #4 78/80. 3559189 A&P IA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	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.)
DATE				N88WW Hobbs: 1419.5 ETT: 1572.4 (R)Engine Log 02/15/2018 LIO-320-B1A s/n RL-366-66A
				Cascade Aircraft Management Inc. 3901 Aviation Way Caldwell, Idaho 83605 (208) 649-5106 Inspected in accordance with an annual inspection using Piper Twin Comanche Service Manual, Table III-I Inspection Report as a guide. C/W oil change with 8 qts of phillips XC 20W-50. Complied with 500 hour overhaul inspection on L/H magneto (Right Engine). Replaced 4 spark plugs, timed mags and sonic cleaned fuel injectors. Lubed all control cable ends and washed engine. AD's researched through bi-weekly 2017-12. I certify that this engine has been inspected an accordance with and annual inspection and was determined to be in airworthy condition. Brian Lubinsky 3559189 A&P IA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	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.)
3/15/18	1442.3	O HOB	BSXXI	SEE ATIFIAME LOGBOOK ENTRY - REPLACED
				ENGINE MOUNT IS OCKTOB & ENGINE ROCKER
	5A	IT HOUSE	05.	COURL GASKETS
	3	35-63	00 .	1388 2 - 10 tha hourt - 1



515-965-1020 3700 SE Convenience Blvd Ankeny, Iowa 50021 W/O 18-9269

Right Engine Logbook Entry

7/31/2018 N88WW Hobbs-1491.1, Drained Oil and replaced with 8 qts 20W50X/C. Removed inspected and replaced oil filter CH48110-1. No contamination found. Run up and leak checked okay.

Michael D. Callison A&P 3622569

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with N Facility. (See back pages for other	lame, Rating and Certific	d Alterations cate Number of Technician of	or Repair
		PLACE	39 - 165	16-11-2018 NEW 61	GGRZOP tack	USMALENI H	1 2112
	CKER	ing pu	A CENSO	(see AITFIRME ENTRY	s)hiene		7017
				PIGAT TACK =	496.20	tach TIME	
				- tachentay s	334.00		
					165.80	H00(3	
				smott @ 6-1-2013	1485.00		
					1650.80	New SMOH	
						this date	
							711

Right Engine Log Entry

N88WW Tach 1523.0 TSN 1675.9 April 1, 2019

Completed a 100 hr. Inspection this date IAW Piper Twin Comanche Series Service Manual Inspection Guide for 50, 100, 200 hr inspections as required. Drained oil and serviced with 7 qt XC20W50. Removed & inspected filter with no abnormal findings. Installed a new AA48110-2 filter. Checked A.D. Notes thru Issue 2019-06. Removed, cleaned gapped and inspected plugs. Completed a differential compression check #1-75/80, #2-72/80. #3-72/80, #4-74/80. Post maintenance engine runs and leak checks OK. I certify this engine has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition for return to service at this time.

Chris Reber 7- Leber

A&P 3064194IA

The engine identified above was inspected and repaired in accordance with current maintenance rules of the Federal Aviation

Regulations and is approved for return to service with respect to the work performed

7-19-19	PACH		Rerowe STARREL Installed LIGHT Weight
	529,5		Skyxec Smarer Ply 149NLR S/4 H-5121771
			IN Reference 10 HARTZEIN Praying ST25601. Coppens
			VEIGHT AND BAMME REVISION To WILL APPRISIBLED

YEAR: DATE	ENGINE MODEL: ENGINE S/N: REG. NO: N88WW WORK ORDER: 0954-08-2019 Engine Entries	JETS:REAM Jetstream 4700 W Aeron Boise, ID 8370 Phone: 208-34	5 back pages for other specimo a area	This was	or Repair				
	Drained oil, removed and inspected oil filter. No findings. Installed CH49110-1 filter and replenished 8qts of Phillips 20-50X/C. Ground ran engine no leaks noted								
	was found Airworthy for ret	ent(s) on N88WW was repaired and insum to service. SIGNED:	pected in accordance with current FARs rules of	of the Federal Aviation Regulations and Work Order: 0954-08-2019					
	DATE: 8/21/2019	Kevin Laddusaw, A&P: A&P2	823302 F	Printed by EBis 3 (datcomedia.com)					
			INDIAN CONTROL						
	- F 7 W/ A	Per May 1997 WA	Marke Suna	THE PROPERTY OF THE					
	AM Z. NO.	THE THE PERSON	The state will be						
		E As The	FLICIAL TON STATE						

YI DI				Imspections, Tests, Repairs and deriffe pages for other specific entries.)		or Repair
	Log Entries	eller, cleaned oil sludge onitor tach time to reflec	from engine crank and rein current engine TSMO 172	nstalled propeller per Hartzell manual 115 23.0 hrs. Ref CGR-30P Installation manua	N Adjusted right II II 02151301	
	Maintenance Release The aircraft and/or comwas found Airworthy for	ponent(s) on N88WW was return to service.	repaired and inspected in accor	rdance with current FARs rules of the Federal Av		
	DATE: 9/20/2019	SIGNED: Kevin Laddu	saw, A&P: A&P2823302		is 3 (datcomedia.com)	

YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
DATE	ENGINE MODEL: LIO-320-B1A ENGINE S/N (R): RL-366-66A REG. NO: N88WW WORK ORDER: 0985-11-2019	PLIGHT	IETSTREAM	Jetstream Aviation 4700 W Aeronca St. Boise, ID 83705 Phone: 208-345-3730 DATE: 11/15/2019 A/C TSN: 4981.4 ENG TT (R): 1741.8 TSMOH (R): 1741.8 HOBBS: 1620.8
	78/80, #2. 78/80 noted. Cleaned, engine was inspe with AD 2015-19	Hour insp , #3. 78/80 gapped, in ected in ac 9-07 by ins	nspected and test accordance with a spection Remov	hecklist meeting the requirements of FAR 43 appendix D. Compressions as follows #1. viced with 8 quarts of Phillips 20W50 X/C. Cut and inspected oil filter, no contaminates sted spark plugs. Checked and adjusted magneto timing as necessary. I certify that this 100 hour inspection and was determined to be in an air worthy condition Complied yed engine rocker covers and performed internal rocker cover inspection. Reinstalled otStrip oil sump heaters and thermostat in ref to Reiff installation instructions Removed a service WO 32898 for reseal. Reinstalled governor in ref to AMM 8-14
	Maintenance Release The aircraft and/or was found Airworth	component((s) on N88WW was to service.	repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and
	DATE: 11/15/201	10	SIGNED:	Work Order: 0985-11-2019
	1)417 1013/20			Printed by EBis 3 (datcomedia.com)
		THE RESERVE OF THE PARTY OF THE		

				manufacture and the exercise of	and the same of th	aton and the	and the State of t		1100
				oription of Inspections as must be endorsed with P by. (See back pages for oth	Vame, Rating an		imber of Technic	dan or Repa	air
LIC	GINE MODEL: 0-320-B1A IGINE S/N (R):	JE7	STREAM	Jetstream Aviation			DATE: 4/2		
RL- RE WC	-366-66A G. NO: N88WW DRK ORDER: 58-04-2020			4700 W Aeronca St. Boise, ID 83705 Phone: 208-345-3730			A/C TSN: ENG TT (R): TSMOH (R): HOBBS:	1779.4 1776.4	
	ght Engine E	Entries							
				and the					
1112	JIDOO OII FORIA	ad all fill '							
Gro	ound ran no lea	ed oil filter wit	CH48110-	-1. Cut open filter with no findir	ngs. Replenished	oil with 8 ats of Pt	nilling 25-50 Y/C		
Gro	ound ran no lea	aks noted	CH48110-	-1. Cut open filter with no finding	ngs. Replenished	oil with 8 qts of Pt	nillips 25-50 X/C.		
-	ound ran no lea		CH48110-	-1. Cut open filter with no findir	ngs. Replenished	oil with 8 qts of Pt	nillips 25-50 X/C.		
Mai	intenance Releas	е		-1. Cut open filter with no finding				and	
Mai The was	intenance Releas	е	N88WW was relice.	repaired and inspected in accordan		rules of the Federal	Aviation Regulations		
Mai The was	intenance Releas aircraft and/or co found Airworthy	е	N88WW was relice.			rules of the Federal	Aviation Regulations	2020	
Mai The was	intenance Releas aircraft and/or co found Airworthy	е	N88WW was relice.	repaired and inspected in accordan		rules of the Federal	Aviation Regulations	2020	
Mai The was	intenance Releas aircraft and/or co found Airworthy	е	N88WW was relice.	repaired and inspected in accordan		rules of the Federal	Aviation Regulations	2020	
Mai The was	intenance Releas aircraft and/or co found Airworthy	е	N88WW was relice.	repaired and inspected in accordan		rules of the Federal	Aviation Regulations	2020	
Mai The was	intenance Releas aircraft and/or co found Airworthy	е	N88WW was relice.	repaired and inspected in accordan		rules of the Federal	Aviation Regulations	2020	
Mai The was	intenance Releas aircraft and/or co found Airworthy	е	N88WW was relice.	repaired and inspected in accordan		rules of the Federal	Aviation Regulations	2020	

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must	on of Inspections t be endorsed with N e back pages for other	lame, Rating ar	nd Certificate Nur	rations mber of Technician o
DATE				r domy. (coo	buon pages is a			
	THILL	ON-						
	AVIA	13	276A East 41	.00 North	Buhl, Idah	o 83316	1-208-	-543-8999
					S/N: RL-33G-66 Tach		TSMOH:	TSTOH:
		c. Repaired	the read confice	CHOIS 101 #2 C111	i probe. Spaced the	LOT and CITT p	Tooc connections	apart, covered
	them with fi	berglass slee	eving, and secu	ired the leads with		ed the clamp wh	ich attaches to the	
					th cable ties. Replace ne fuel drain from the			e spring on the
	alternate air this engine t	control cable to be airwort	e with a new cla thy for return to	amp. Replaced the o service in accordance	th cable ties. Replace ne fuel drain from the ordance with the work	mechanical fuel k performed this	pump with a new date. Pertinent	e spring on the wone. I certify t details are on
	alternate air this engine t file at this re	control cable to be airwort pair facility	e with a new cla thy for return to under Work O	amp. Replaced the oservice in accordance of the order 01428, Involution	th cable ties. Replace ne fuel drain from the ordance with the work sice 92201 dated 10/2	mechanical fuel k performed this 28/2020. A copy	pump with a new date. Pertinent	e spring on the wone. I certify t details are on
	alternate air this engine to file at this re was given to	control cable to be airwort pair facility the operator	thy for return to under Work O r to become a p	amp. Replaced the conservice in accordance of the conservice of the conservation and the conservation are conservational to the conservation and the conservation are conservation are conservation and the conservation are con	th cable ties. Replace the fuel drain from the ordance with the work sice 92201 dated 10/2 of the aircraft records.	mechanical fuel k performed this 28/2020. A copy	pump with a new date. Pertinent	e spring on the wone. I certify t details are on
	alternate air this engine t file at this re	control cable to be airwort pair facility the operator	thy for return to under Work O r to become a p	amp. Replaced the oservice in accordance of the order 01428, Involution	th cable ties. Replace the fuel drain from the ordance with the work sice 92201 dated 10/2 of the aircraft records.	mechanical fuel k performed this 28/2020. A copy	pump with a new date. Pertinent	e spring on the wone. I certify t details are on
	alternate air this engine to file at this re was given to	control cable to be airwort pair facility the operator	thy for return to under Work O r to become a p	amp. Replaced the conservice in accordance of the conservice of the conservation and the conservation are conservational to the conservation and the conservation are conservation are conservation and the conservation are con	th cable ties. Replace the fuel drain from the ordance with the work sice 92201 dated 10/2 of the aircraft records.	mechanical fuel k performed this 28/2020. A copy	pump with a new date. Pertinent	e spring on the wone. I certify t details are on
	alternate air this engine to file at this re was given to	control cable to be airwort pair facility the operator	thy for return to under Work O r to become a p	amp. Replaced the conservice in accordance of the conservice of the conservation and the conservation are conservational to the conservation and the conservation are conservation are conservation and the conservation are con	th cable ties. Replace the fuel drain from the ordance with the work sice 92201 dated 10/2 of the aircraft records.	mechanical fuel k performed this 28/2020. A copy	pump with a new date. Pertinent	e spring on the wone. I certify t details are on
	alternate air this engine to file at this re was given to	control cable to be airwort pair facility the operator	thy for return to under Work O r to become a p	amp. Replaced the conservice in accordance of the conservice of the conservation and the conservation are conservational to the conservation and the conservation are conservation are conservation and the conservation are con	th cable ties. Replace the fuel drain from the ordance with the work sice 92201 dated 10/2 of the aircraft records.	mechanical fuel k performed this 28/2020. A copy	pump with a new date. Pertinent	e spring on the wone. I certify t details are on
	alternate air this engine to file at this re was given to	control cable to be airwort pair facility the operator	thy for return to under Work O r to become a p	amp. Replaced the conservice in accordance of the conservice of the conservation and the conservation are conservational to the conservation and the conservation are conservation are conservation and the conservation are con	th cable ties. Replace the fuel drain from the ordance with the work sice 92201 dated 10/2 of the aircraft records.	mechanical fuel k performed this 28/2020. A copy	pump with a new date. Pertinent	e spring on the wone. I certify t details are on

TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Re Facility. (See back pages for other specific entries.)
FO	OTHILLS AVIATION	1276A	East 4100 North Buhl, Idaho 83316 1-208-543-8999
THE RESERVE THE PERSON NAMED IN			ming M/N: LIO-320-B1A S/N: RL-366-66AHobbs: 1746.0 TT: 5163.4 TSMOH: 1779.4 TSTOH:
BRADO CONTRA	CONTRACTOR OF THE PERSON NAMED IN COLUMN 2		pection at aircraft annual completed this date in accordance with FAR 43, Appendix D and
			manual. Removed the top spark plugs and ran a compression test: #1 79/80, #2 71/80, #3
			he bottom plugs, cleaned, inspected, gapped, and installed the spark plugs with new M674
			28 foot pounds. Cleaned the spark plug lead ends with acetone, applied dielectric grease to
			Checked the mag timing and found it to be at 25° BTC. Replaced the fuel injector line clamps
			w clamps and hardware. Drained engine oil, half way through the drain took an oil sample.
			d a new AA48110-2 Tempest oil filter and safety wired it. Cut open the old filter, some carbon
			moved the suction screen, found some foreign debris, no metal, cleaned the screen, installed,
			the engine with 7 quarts of 20-50 X-C Phillips oil and 1 pint of CamGuard. Checked the fuel
			with solvent, some debris was present, installed the screen and safety wired it. Tightened the
			on #1 & #3 oil drain tubes. Replaced the mechanical fuel pump with a rebuilt AF-15473
			w fuel line from the firewall to the pump using 303-5 Aeroquip hose, and covered it with 2650-
100			wo 10781-4-22CR Stratoflex clamps to secure the ends of the firesleeve to the hose. Installed
6 51	ratoflex fire.	sleeve, using to	to refer to the mount of the first to the fi

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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	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.)
DATE				
	See ICA C External F aircraft pa airframe, a approved dated 12/1 were given Jim Willia 01/14/202	compliance fuel Injector per work. engine, or per for return to 4/2020, Invento the oper mson I I certify the condition.	Sign-off sheets Lines, by insp All of the wor ropeller mainte service. Perti oice 92240 dat rator to become	I on the alternator field wire, installed the lead using a new MS25171-1S terminal boot. Is behind the Continued Airworthiness Tab in the aircraft records. C/W AD 15-19-07, Dection, NID in 110 hours, Hobbs: 1856.0, ACTT: 5331.7. See complete AD listing in rek identified above was performed in accordance with the applicable chapters of the enance manuals and current regulations of the Federal Aviation Administration and is inent details are on file at this repair facility under Work Order 01453, Invoice 92235 and 01/01/2021, Invoice 92249 dated 01/14/21. A copy of this work order and invoices a permanent part of the aircraft records. A&P3458405 has been inspected in accordance with a 100 Hour Inspection and was found to be in an A&P3458405IA
		14/	i Will	

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Te Facility. (See back pages for other specific entries.)
DEMMTZI	THCH	5230.8		DRAINED OIL, REPLACED FELTER W/ CH48110-1
	HOBBS	1805.3		FILTER. ADDED 7 QUARES PHILLIPS XC20W-50
				OIL. RAN A/C & INSPECTED FOR LEAKS.
				NO ANGMALIES. CLAYTON WHALOY 2861105
				OPERATOR S
18 OCT 21	TACH	5281.7		DRAINED OIL, REPLACED FILTER OF CHYSUD-1
	HOBBS	1819.6		FILTER. ADDED 7 QTS PHILLIPS XC20W-50
	ACTT	5295-3		OIL. RAN ALC & INSPECTED FOR LEAKS.
				NO ANDMALIES. CLAYTON WHALEY 2861105
				OPERATOR 6
1				

5367.5 1 156.5 1925.2 Date: 02/21/2022 Hours: AC: 5295.3 TT: EngTT: 1084.3 L/H 1853.0 R/H ns YEAR: RE of Technician or Repair TA PropTT: 467.2 L/H 467.2 R/H Hobbs: 1819.6 Misc: Tail#: N88WW TIR Make: Piper Model: PA-39 S/N: DATE Drain oil remove filter and Inspect, no contamination found. Remove spark plugs clean and Inspect. Compression check as follows: All cylinders 70/80 or better. Reinstalled (4) spark plugs same engine with new gaskets (4) P/N: U674. Installed (4) new spark plugs P/N: UREM38E. Serviced sump with (8) Qts. Phillips XC20W50 oil. Installed new oil filter P/N: CH48110-1. Checked Engine timing IAW engine data tag. Engine ground run all temps/pressures normal, no leaks noted at this time. I certify that this R/H engine has been Inspected IAW FAR 43.(D) 100Hr. Inspection and has been found to be airworthy at this time. Name: John H. Sanders Jr. Cert: 3527277A&P/IA Sign: Co: JH Sanders Aviation Services Llc

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13A0622	5483.0			DRAINED OIL, REPLACED FILTER WITH CH48110-1 FILTER. ADDED 7 QUARTS PHILLIPS X/C 20W-50 OIL. RAP A/C &
				INSPECTED FOR LEAKS. NO ANOMALIES. OPERATOR
			HEALE AND	2861105 60 2861105 60

