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	ENGINE DESCRIPTION
	LYCOMING - WILLIAMSPORT. PENNA. Serial No. L-27007-494
	Manufacturer: 300
	TO-540-KIG5 FANT.C. NO. 1E4
	Model:
	Model: ID-540-KIG5 Model: ID-540-KIG5 FAAT.C. No. 1E4 In Service date Aug 30, 1999 Engine Accessories Serial No. Weight
NOTICE	2-4-08 LIAN 13F27727 54 V537911742
Making false entries in this book is a violation of gov-	Engine Accessories Lagine crantshaft 13F2727 5 VS37911742
ernment regulations and is punishable by civil penalty.	

	ENGINE DESCRIPTION LYCOMING - WILLIAMSPORT, PENNA. Manufacturer: Horsepower: 300 TO - 540-KIG5 FAAT. C. No. 1E4
NOTICE Making false entries in this book is a violation of gav- ernment regulations and is punishable by civil penalty.	Modeli <u>IO-540-KIG5</u> <u>In Service date Aug 30,1999</u> <u>Engine Accessories</u> <u>Serial No.</u> <u>Weight</u> <u>A-4-08</u> <u>Cingine crantshaft 13F27727</u> <u>Serial No.</u> <u>VS37911742</u> <u>Cingine crantshaft</u>

ENGINE Date: 09/21/99 SN: 3246142 NTRY PIPER Model: PA32R:301 SN: 3246142 association LOG BOOK ENTRY Model: Date: 0.021/800 Ni# 4145Z 28.5 Hobbs Time: 28.5 Model: Date: 0.021/800 SN: 1.2707-48A 18.560 Operation and lead, roke of engine was normal. Performed annual inspection on this engine per Piper PA32-301 maintenance manual inspection on this engine per Piper PA32-301 maintenance manual inspection on this engine per Piper PA32-301 maintenance manual inspection on this engine per Piper PA32-301 maintenance manual inspection of oil screen and no contamination was noted Compression checks cylinder #1 77/80 #5 76/80 #5 76/80 #5 76/80 #5 76/80 18. 1432/b by respection of oil screen and no inscreen met dealla are on file at this agency under; Serviced engine with 12gis Agrosshell 15W50 oil no leaks noted. 18. 1432/b by respection of oil screen and no incert Periore dealla vision Perior Perior Pa32-301 maintenance manual inspection for is screen with no contamination noted installed new filter and serviced engine with 12gis Agrosshell 15W50 oil no leaks noted. 18. 1432/b by respection of oil screen and no incert Perior Heat and serviced engine with 12gis Agrosshell 15W50 oil no leaks noted. 19.5 matching agrice Perior Mit agrice Per	ENGINE Date: 0.92/198 51/12/2014 PENDINE Model: 0.92/198 51/12/2014 PENDINE Model: 0.92/198 0.92/198 PENDINE Model: 0.92/198 Date: 0.91/190 Date: 0.91/190 Report Bit Status Installed new with the contamination noted. Nix 41452. Status Model: 0.92/198 Date: Date: 0.92/198 Date: Date: Date: Date: Date: Date: Date: Date: <td< th=""><th>ENGINE LOG</th><th>-</th><th>torian - Carrier</th></td<>	ENGINE LOG	-	torian - Carrier
		ENTRY ENGINE Dated No.58 09/21/99 SN: 3246142 PIPER Hobits Time: 28.5		Image: Non-Section Processing Section Sectin Section Section Section Section Section Section Se
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all the second	Engine Time Recorder Reading	Maintenance		Signature	Certificate No.
Cha	ENGINE Since Major Reduing This Date Since Major Reduing This Date Since Major Reduing PLOCETIES REDUINED SBOOK ENTRY Date: 030501 Make PIPER Hobs Time 2905 Total Time 29	N# 41452 N SN 3246142 oil, filter checks normal no contamination up ops and leak checks good the current Foderal Avabion Regulations details are on file at this agency under;	and Remarks AL TIME HOBES TIME H5.2 345.2 HAVGED OIL & FILTER ADDED INSTALLED CHYBIDO OIL FITEL. 8/29/01 364.6 OIL EAR * DOLL - REPL POCKOT & EXMINIST GASKETS-TEST RUN AS BUT BOUTLOS FOR FA DAS DAS	ACEN CYL BASE S.	ION, INC.

	Engine Time	Recorder	Maintenance				Signature	Certificate No.
Inst acco and	This Date Since Major Brought Forward Image: Since Major Engle Image: Since Major Engle	ft Services Ins.	-7	+	temarks Engine LOG BOOK ENTRY Mark PIPER Total Time: 3912 Compression checks cylinder #1 7780, #2 deposits Installed a new oil filter. Out oest deposits Installed a new oil filter. Out oest deposits Installed a new oil filter. Out oest deposits Installed a new oil filter. Out oest compled with A009-02-05 by inspecting Compled with A009-02-05 by inspecting Compled with A009-02-05 by inspecting Compled with A000+Lycomings SS east dearances are within limits. The reast dearances are within limits. The reast dearances are within limits. The reast dearances are within limits. The reast Securited the softice we drain line.	Deted: 10/19/01 Model: PA32R-301 bbbs Time: 391.2. ne per Piper PA32R-30 7/98/0. 457 2480, 447 7. no II filter, inspected ide with S1 1428, insp id Filled crankcase with per Lycomings SB342 g the impulse coupling items. BB by measuring the vit s are as follows # 1.0.	SN 32461 11 maintenance manual. 1450, #5 78/80. #6 76/80. ment, and found no abnorms didd oil succion ecreen for 8 dis. Aeroshell 15/V50. C. The Injection lines are con per Lycomings SB537, no di alte guide clearances. All of 17 #2. 016 #3. 017 #4. 016 #	42 rectly routed. efects noted

and the state	Engine	Time	corder		Maintenance	and Remarks		Signature	Certificate N
Dote	This Date	Since Major Re					dal	\$ f. Her- a	died
				Page #2		3-18-02 Tac 431.8 Ch	angro on		Agled
		cleaned per the Lycoming g on to the #3 cylinder ign	SB1275B. Reinsta	alled and torqued the inje	ictors.	2 gts Aeroshell ISWS	50 3 (4 48/1	Q Filter. In:	549114 a
Remo	ved the fuel injectors and	cleaned per the Lycoming ig on to the #3 cylinder ign				12 New REM3BE space	pluias Am	of alles	_
- Install	ed a new screw duffier. ed a new right muffier.	that this aircraft has been in	spected in accordance	ce with a PIPER PA32R-30	21	12 New PIMOL space	IAP	EER AVIATION, INC	
	I certify	that this aircraft has been in ed to be in airworthy condition Signed for	on. Pertinent details			The state of the s	F.A.A. Approve	d Repair Station No.	LIPRI971N
Annua	Inspection & was bell 35698 ,35703	for	FORD INTE A	RPORT, GRR, MI. 4951	12		DuPont Lapeer	Alrport, Lapeer, Mic	thigan 48446
- DATE	D. 10/19/01	NB1RB12N, GERALD	A, 1			The manage Cha	inged oil	* filter.	Addea
- NOR	THERE					122/02 101 10-1	1 1	CH148110 \$	Hac
						12 ars. Agoshell 1	Just		- ingr -
-							LAPEER AV	ATION, INC. Station No. L9PRO	THE DEST
-					-	ATT DIP	ant Lapeer Almort,	Lapser, Michigen 4	8445
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	ENGINE LOG Recorder Maintenance	and Remarks	Signature	Certificate No.
Dote Engine Time This Date Since Ma	ior Reading Changed oil Added,	8-2-05 E ALLAND	O.L ADDED	(1 QT
1-2005 Brought + 1-2005 Forward	1105 Aeroshell 15050, Ayalh 1105 Aeroshell 15050, Ayalh LAPEER AVIATION, INC. EAA Approved Repair Station No. 19PROTIN	AF AEROSHELL ISW50.	public For	RLAPPATIN.
	DuPont Lapeer Airport, Lapeer, Michigan 48446	8/19/05 TAC B39.7. Replaced with new REM3BE	prog t	Tiphs
i tol tolle	13 5 W50 ACRO-Shell But Beatle For 19 PRATIN FILTER CHANGE - 129TS 15 W50	×	A.A. Approved Repair DuPort Lapeer Airport, I	Station No. L9PR971N Lapeer, Michigan 48446
6/1/00 AERO	SHOLE AVIATION, INC.	8/31/05 TAC 860,0 Changed	oilsfilter	Added 12013
But But	F.A.A. Approved http:// Lapeer, Michigen 48446	Arroshell 150050, 1 installed	ation Inc. L9	PR97IN.
	Change - 11925 15 w. 50 ABRO Sholl Change - 11925 15 w. 50 ABRO Sholl we Abernety For 1998 971N	·		
Total Te Carry Forward	up the of			

	ENGINE LOG			
I THE	Engine Time Recorder Maintenance	i a martha	Signature	Certificate No.
1 1 - 1 - 1 - 1 - 1 - 1 - 1	Date This Date Since Major 9-7-05 Brought & 874.4 Replaced Impulse coupling 1-7-05 Plu m3333 on left magnets Inter AD88-04-0 Plu m3333 on left magnets Inter AD88-04-0 and Slick SB1-98, Insperition due again and Slick SB1-98, Insperition due again at 1074.4 T.T. Juy allow EAA Approved Repair Station No. LIPRO71N EAA Approved Repair Station No. LIPRO71N	Added 12 ars Acroshell 15050. In: ailfiller. Clu HD2002-26-01 by inspect of filler. Clu HD2002-26-01 by inspect Thus hypoming SB# 566 Reliatos Engine mas	and times and times of the order of the orde	CHYAUD-1
	1 1 - 897.7 THE TIM BOT LAPEER AVIATION. INC.	FAA	TANAT	

C.		Engine Time Since Major	Recorder Reading	Maintenance and Remarks	Signature	Certificate No.
-	Dote 4-3+06	This Date Since Multi- Brought + 9-87.0	CHAN	HEAT BHROWD CLEANED ENG + COWLING FOR O.L.	EALL TR	OUBLE SITOSTIM
	5-4.06 4/27/06 8/25/06	1028.0 1028.0 1067.4 1105.8	FOUND LEAKIN CHANGE CHANGE 34-26- SPAD	FUD LOUGE CASE NALE ENG & COUL, NG FOR OIL FUD LOUGE CASE NALE BOLT MISSING & ISMSTALLED & C- SEALED WITH SIL CONE HINTEMP. MUTCH FOR SED DIL ADDED II GTS OF AEROSHELL IS WSD. Led oil and RIKE, Added A ATS. Acroshell ISTUSS & NEW CHY DOIL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOIL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOIL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOIL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOIL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOIL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOIL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & RECHT DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AEROSHELL ISTUSS & NEW CHY DOL & FILTER. ADDED DOT AFTER A ADDED DOT AFTER A ADDED AD	UPPER AF 2 (9 P129711M Month Fe suider & their fer i Futton, Cu anten solers	7 CASE BOCT J. R (9PR97IN RERETIN (W AD 9844, CLEANED
	2-27-06 Carry Irward	1142,3	TO ALTE	Del ADDED Was APPORTAL ISWO, CHANGES SCAT TUBING FROM COWLIN FUATOR. MATCH FOR LAPRATIN	G TO NUFFLUXS	Streeve P Could
			-			

ENGINE LOG Certificate No. Recorder Signature Maintenance Engine Time and Remarks Since Major This Date Date TAC 12591 Brought + 1178.4 NORT-Drained oil, cleared screans, checked & cleaned soft part checked comprision, chucked tool system, drained song, the reserve and equipation checked and and indiant and times headed area for learning the second scream. Functionally checked and and headed area for learning the second scream. 1178.4 OIL CHANGE 119TS 15W50 APRO-SHOLL 1/07 REPLACEd VAS. PUMP MINAA 321505 SIN 37818 oup pump 211CC SIN 79399 But Bautby AP209012CAT LUBED ENCINE CONTRAL CARGES, ADDED 12 OT ABROSHEL ISW 50, INSTALLED CHYBILD-I OLF. CTER. RE-6/20/07 TAC 1294.6 Changed oil and Rither Added 12 ars Acroshell 15450 ? REPOSITIONED INTERCYL BAFFLE FOR # 2+4 CALS. REPLACED witelled currence- files. Replaced all is spile plugs, REM38E. TO SECTORICIAMPS ON OYLIDEORS HY+ TO (DOUBLE CLAND) Replaced clamps on cy1+2 fuel injecter line and inspected DATE 12401 TOTAL ARCRAFT TIME 1178-4 I CERTIFY THIS EUGHNE HAS BEEN INSPECTED IN ACCORDANCE WITH AN AUNUNC all lines and clamps The AD2002-26-01. My after ADPERAVIATION, INC. F.A.A. Approved Repair Station No. Lepherrin DuPont Lepeer Airport, Lepeer, Michigan 48448 INSPECTION A'D WAS DETERMINED TO BE IN AIRWORTHY CONDITION A FOR REPAIR STATION LAPROTIN SIGNED

				Recorder				Signature	Certificate No.
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12	Date	This Date		Cho	engra oil stiller.		angine - Drained oil, cleaned scr checked compression, checked checked compression, checked	tup system, drained sumps, checked mags and timed	checkec
	0/0/07	Brought + Forward	1337.2	1	THISUS Luck II		397. Y TAC checked compression, checked checked prop for leaks and gree Removed both magnetor	se. Functionally checked endi	Hal & ADBOTOYOY
	717101	Marine Contraction of the second	Added 12	QIS Men	schell 1545. Installed	Comp. Readings	Kemoved both magnetos	See pr inspect	D I-II I was
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	A starting and a start				hapea Aviation Inc	78 42 78/60	and timed to engine, chu 1	4122002-26-016	14 inspection.
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		Engine	Time	Recorder Reading	Maintenance	and Remarks		Signature	Certificate
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	the second se				1415	8-15-08	Acroshall 15W50 My che	1 Br Lones A	Jation
- 24	121/08	150500	gero-she	ATION INC			Acroshell Buse of pe	Alled	bre
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- B	w Be	DuPont	pproved Repair Lapeer Airport,	Lapser, Mici			Aeroshell 15w50 Aug Ch	LAPEER AVIAT	tation No. L
- 1 -			Chang	od oil	Shiller. Hoded 12			A.A. Approved Repair S uPont Lapeer Airport, L	non Michi
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		ENGINE LOG				
	Eng	ine Time Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
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	Brought + Forward	1599.0 starter and contract	is and grease. Functionally checked engine	Feb11,2010 starter and generator brus thecked prop for leaks and c	nd fual system, drained sumps, clearly his chacked mags and timed properly treats. Functionally checked engine	
-	Feb,9,2009	Added a ars Heroshell	15 and grosse. Functionally energy energy of the second engine	1467.5	und i ha andre	J. Shak
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· +	andias		2008-14-01 240 WYC- MISB 3428	SBI-98, C/W AD 2008-14-07	TAW Lycomme MSB 34	All
- 1	Compression Readings	1 Joshtaged	OIL TOMP. SEVISOR COMMON PILO	12 QTS. Agrostell SUSD. Ins	talled new CH481101 oil	tiper.
	201 2 19/00	11100	PINSALEC TUELINIECIONS.	DATE	11110 TOTAL AIHCHAFT TIME ILEO 13	I Conter I mas
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AL T	79/00 4 19/00	C LUNG REEN INSPE	CTED IN ACCORDINGE WITH AT ANY US	68/20 21 201 80 INSPEC	HON AND WES DETERMINED TO DE INTRA	
4	19/60 45 19/80	EAGLOR - NO WAS DETER	MINED TO BEIN AIRWORTHY CONDITION.	78/20 76/BD SIGNE	D AY ALLEDRIREPA	IR STATION LOPPO
			X	181 (56860	LAPEER AVIATION, INC.	
		SIGNED Ay Chi	FOR REPAIR STATION LOPROTIN	- go - E.A	A Approved Repair Station No. 19	PR971N
			MATION, INC.	Dui	Font Lapeer Airport, Lapaer, Michior	
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	Total To Forward	DUPON Lapeer / inperi				
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		ENGINE LOG					
	Engin	e Time Recorder Since Major Reading	Maintenance	and Remarks		Signature	Certificate No
-	Date This Date	(hb	inged oil. Added 11 ats		50.4 Removed enp	the top overh	faul
- 5	P27,2010 Forward	Aeroshell 15w30,	the chilles tor lapper to ghon	7-29-2011 11 An CL	the For Lapper Avi	ation LABRATIN	1
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-		ENGINE-Drained bil, cleaned street checked compression, checked fu there and guardenter brothes of there and guardenter brothes and crease	ns, checked & cleaned spark plugs, al system, drained sumps, checked includ mags and timed properly			1	
	eb 15, 2011 1730.5				the start		
12 1 1 1 2	eb start	12 10 and Across	oll 150000. Installed new cyry		las poor entre		
7	2 Produies		1000-14-07 IAW Lycoming ASB3	464	See Pulle		-
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· · · ·	21 78/20	DATE 2/15/11 TOTAL	RECRAFT TIME TO BE IN AIRWORTHY CONDITION	-	1		
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	17/80 #B 10/80	A AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	The FOR REPAIR STATION LEPRETIN				
1	UT 2 190	SIGNED H	06-20-09 due by Aug 30	_			



POPLAR GROVE AIRMOTIVE, INC. CRS YYBR664L SUGGESTED BREAK-IN PROCEDURES

After starting the engine, ensure a normal warm up, but avoid prolonged ground running. Follow the airframe manufacturer's Altes saturing the engine, respect on the warm up, our avour proteined ground running. Follow the affirment manufacturers recommendations for takeoff power. When possible, reduce power to the dimb power setting specified in the operator's manual. Establish a shallow dimb angle to insure good air speed for proper cooling. Use more cowl flags than normal or step dimb to help in this process. Adjust mixture per aircraft operating handbook. Excessive heat is the primary cause of cylinder the adjust of the process. bore glazing. Make every effort to keep your operating temperature well into the green and

If the engine is normally aspirated (non-turbocharged) it will be necessary to cruise at a low altitude to obtain the required cruise power levels. We recommend a density altitude less than 5,000 feet to allow the engine to develop sufficient cruise power for a good break-in.

Do not run the engine above 75% power in a cruise setting or the probability of glazing cylinder bores is increased. Glazing cylinder bores required cylinder removal, honing and installing new piston rings. Poplar Crove Airmotive does not warranty this condition. Your ability to keep the engine temperature well in the green arc and within a power range of the provided of the second 65% to 75% power will be the key to a successful break in.

Descend at low cruise power while closely monitoring the engine instruments. Avoid long descents at low manifold gressure and rapid descents, as this will cause the engine to cool too rapidly.

There is only one object to be accomplished during the break-in: the stabilization of oil concumption. Record all of additions and flight hours in such a manner that quark per hour of flight is known. During this portion of the break-in, which could range 25 to 100 hours, mineral oil *must be* used in the engine. Change oil and inspect film: after oproximately 10 hours – then 35 hours - then per your normal schedule, however, do not use AD (asnless dispersant) oil until consumption stabilizes.

Engine Oil Recommendation For Piston Ring Centing

Aero Shell 100	SAE 50	Above 60 degrees F
Aero Shell 80	SAE 40	30 dagrees – 90 degrees F
Aero Shell 65	SAE 30	6 degrees – 70 degrees F
Phillips 20W-50	Type M	Winter Months



Phone: 815.544.2300 800.397.8181 LIMITED AIRCRAFT ENGINE WARRANTY

FAX: 815.544.8900

Poplar Grove Airmotive, Inc. (PGA) limits its warranty on the listed engine overhauled by PGA to be free from defects in material and Popale Grove Announce, Inc. (Popy) interface manage of one vestor origine overhalized by Poak to be not non-beneficial in that enabled and workmanship under normal use and service for a period of one year or twenty percent (20%) of the Manufacturer's Published T.B.O. in effect at the time of overhaul, which ever occurs first. All accessories overhauled by PGA are warranted for 240 hours of operation or six months,

The obligation of the Company under this warranty is limited to the repair or replacement, at the option of PGA, or any part, component or The obligation of the company under mis warrany is immediate on the figure of heplacement, at the option of PGA, or any part, component or engine, which in the opnion of PGA is defective. The Company assumes no obligation for work accomplished at a facility other than PGA unless prior notification is given and the owner received authority from The Company to proceed. PGA additionally reserves the right to furnish any parts and/or components required. If requested by PGA, owner must return all warranted parts, transportation prepaid, to PGA for

Pro-rata PARTS WARRANTY to T.B.O. is subject to a minimum accrual of 40 hours per month from date of delivery. Pro-rata adjustments will for removal and installation of engines, components or accessories, or for normal routine maintenance, inspections or adjustments. Replacement or repair of an engine, component or accessory will not be construed to extend the initial warranty period

This warranty shall not apply to engines, their component parts or accessories which have been improperly installed, adjusted, stored, handled, This warranty shall not apply to engines, men component parts or accessories which nave open impropely instanct, equitade, source, handled, regarder, altered or operated contrary to current manufacturer's recommendations of FAA Airworthness). Birectives, or subjected to missise, reglect, accident, pre-ignition, defonation, hydrostatic lock or corrosion. Pro-rata adjustments on engines, parts or component parts may be granted at the sole discretion of PGA during and up to T.B.O. Adjustments will be based on total pro-rata hours as a ratio to total current list.

PGA does not warrant accessories, such as factory-remanufactured magnetos, carburetors, starters, etc. supplied by a vendor other than PGA

No express warranties and no implied warranties, whether of merchanitability or fitness for any particular use, or otherwise (except to trite) No express warranties and no inspired warrances, which is made expressly in teru of all other warranties, shall apply to products sold by PGA.

This warranty and this Company's obligation thereunder is in lieu of all other warranties, experience or implied, including warranties of The whenny and this contrainty comparison references in their or an other warrantees, expensive or implied, including warrantees of merchantability and fitness for a particular purpose, and all other obligations or liabilities, including consequential damages or contingent liabilities arising out of the failure of any engine or part to operate properly, and no person is authorized to give any other warranty or to assume any additional obligation on this Company's behalf unless made in writing and signed by an officer of this company Abune any postant company company of the termination of termi

The Standard Engine Log SE-2

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Printed in China





Engine Record General Information

Manufacturer LYCOM Serial L-27007-5		-540-K165
This engine is currently install	ed in aircraft:	
Minimum Octane Fuel	Oil Grade Summer	Winter
Magneto Time	Point Setting	Firing Order
Spark Plug Gap		
an de aturada Recommondo	d Overhaul at hours	

62 14-03 oil 0	SCRIPTION pump drive shaft	IO-540-K1G5 S/N: L-27007-48A COMPLIANCE STATUS N/A by engine S/N N/A by gasket P/N	4298 YEAR 20 DATE	RECORDING TACH TIME	FLIGHT	TOTAL TIME IN SERVICE	Entries must be en	Inspections, Tests, idorsed with Name, Ratin air Facility. (See back pa	ng and Certi	12
66-20-04 oil 1 75-08-09 R3 oil 1 75-08-15 fuel 78-02-15 fuel 78-02-15 fuel 78-04-05 fuel 92-12-05 pist 95-07-01 con 96-09-10 C oil 1 96-28-02 imp 98-17-11 C crar 92-19-03 crar 93-14-10 crar 93-14-10 crar 94-05-24 crar 95-11 crar 95-11 crar 95-12-12 crar 96-14-04 mag 96-15-24 crar 97-15-11 pist 96-10-14 crar 97-14-15 crar 96-10-14 crar 96-10-14 crar 96-10-14 crar 96-10-14 crar 97-14-19 R1 90-14-10 prat 90-14-10 prat 90-14-10	niter adapter gasket pump drive shaft in dw divider i servo i servo servo ton pin P/N LW-14077 proper fuel pump or pin nkshaft failure ny fuel pump nkshaft failure ing fuel pump nkshaft failure ing fuel pump nkshaft failure parte impulse coupling nkshaft failure pro cylinders piector lines pervo diaphram otive, Inc.	NA by drive shaft with flats NA by drive shaft with flats NA by P/N NA by servo NBS24 NA by servo SB24 NA by servo SB24 NA by servo SB24 NA by servo SB24 NA by crankshaft S/N NA by servo P/N NA by servo P/N NA by crankshaft S/N NA by servo P/N NA by crankshaft S/N NA by crankshaft S/N NA by servo P/N NA by crankshaft S/N NA by crankshaft S/N S/S C/S C/S C/S C/S C/S C/S C/S C/S C/S	as per er parts lis linstal magn fuel p dividi from Reco All app book. and in work p Popla FAA.	Time gine was disassemb her manufacturer's ci- it is on file at this ag- led new crank etos, left P/N 65 ump P/N AF154 or P/N 2524232- Precision. Sup rd and Parts Lis licable airworthiness. This engine was tes- moeted in accordant	urrent overhaul ency. The follow shaft kit P 351, S/N 110 73. Installee 2, S/N A0BP plied starte at for more d directives and directives and directives and accent of the starte at for more d directives and directives	spected and re manual wing accessore V/N 05K236- 2000 05K236- 1744, rebuil 380320, and d fuel servo 1744, rebuil or P/N 149-N details related factory approved test ir are on file at c.	assembled with necess 60294-7 es were overhauled or 17. Installed new right P/N 6350, S p/N 2524273-12, It by Precision Ai NL/cc, S/N FNE-2 	n checked for compliance at cations. The aircraft engine iministration and is approved r. <u>4298</u> Michael A. Carey	ut <u>ZERO</u> with a major overhaul we were maintined. A detail e releases in this logbook. s P/N 05K21120. Ins m Champion. Installe or precision. Installe of uel nozzles P/N 2524 -/Tec, See A.D. Comp this date. See list in this log dentified above was repaire	talled d new d flow 1864-2 liance

DESCRIPTION OF HED DESCRIPTION OF HED				Securet 14
	LAGH	FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Atterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
DATE Non 7.2011	17501 D. Siñce.	own has	<u>J.</u>	Installed engine on Piper PA32R-301, NY1452 "IN 3346143. Installed new hard mounts, or have, First have, and a torter. Prop and gavare overhould hy"HIS Prop Ship and reinstalled. Added 12 ors Acrossfell mineral oil. Fort ran and leak tropped good Adjusted Idle sport and mixture. Ay Chips
				LAPEER AVIATION, INC. F.A.A. Approved Repair Station No. L9PR971N1 DuPont Lapper Airport, Lapper, Michigan 48448
4-6-12	1778.5	5.		Changed oil and fille, Installed CH48110-1' oil filler and added 12 as. Aegstell 100 mineral al. Cleaned engine ty Cythe LAPEER AVIATION NO. F.A.A. Approved Repair Station No. L9PR97110 Dupont Lapper Aliport, Lapper, Michigan 4846
	0			Din Oly infraes and have reliant reliand inter 201 4040

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ORN FOR LOG BOOK RECORD

CONETTING LOW

YEAR 20 J2 Date	RECORDING TACH TIME	TODAY'S Flight	TOTAL TIME IN SERVICE	Description of Inspections, Te Entries must be endorsed with Name, Technician or Repair Facility. (See bad	Bating and Certifi	icate Number of							
1/12	1811.8	14 Contraction	Changed oil and filler. Added 12 pts.										
entra	the second second second	3 Changed oil and filler. Added 12 ats. Smett. Aproshell iswso, Installed new CHURIDT of											
	01	Tot.		fille and soin and all									
		1		Alter Closed engine. My after LAPEER AVIATION, INC. F.A.A. Approved Repair Station No. L9PR971N									
	-		-										
	a march 12	-		DuPont Lapeer A									
				readed 10027 furths N41452 readed on and like readed 11 gts As trastated may CH48110-1 on thes									
				an sed on and I key added 11 gts As									
	REG. NO.	N4145Z		An and the second of the second of the second secon	Cleaned angur PR971N DATE	06/28/12							
	REG. NO. MAKE	N4145Z PIPER		A A A A A A A A A A A A A A A A A A A	Cleaned angun PR971N DATE FHM	06/28/12 1841.2							
	-	Production of the second secon		An and the stated 11 mp 4 stated may CH48110-1 of mer August Alterna inc. Repair station L9 MIDWEST AVTECH INC. I.V. REGIONAL AIRPORT P.O.BOX 451	Cleaned angur PR971N DATE	and the second se							
	MAKE	PIPER PA32R-301 3246142		Addition and the Added 11 rps Added 11 rps Addition of Cheldt 10-1 on their addit Addition Inc. Repair station L3/ MIDWEST AVTECH INC. LV. REGIONAL AIRPORT P.O.BOX 451 PERU, L 61354	Cleane Langu PR371N DATE FHM T.T.	1841.2							
	MAKE MODEL S/N REPLACE	PIPER PA32R-301 3246142 D ALTERNA	TOR BELT	A STATES OF AN AND A STATES OF	Cleaned angun PR371N DATE FHM T.T. (5) - GROUND RU	1841.2 N AND LEAK							
	MAKE MODEL S/N REPLACE	PIPER PA32R-301 3246142 D ALTERNA OOD	TOR BELT	Addition and the Added 11 rps Added 11 rps Addition of Cheldt 10-1 on their addit Addition Inc. Repair station L3/ MIDWEST AVTECH INC. LV. REGIONAL AIRPORT P.O.BOX 451 PERU, L 61354	Cleane Langu PR37 IN DATE FHM T.T. (5) - GROUND RU (PECTED IAW CUR	1841.2 N AND LEAK							

YEAR 2013 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.)
01-23-13	1867.9 CBSIDA V80 24 V80 24			Completed annual inspection in accordance with Piper Aircraft Inspection Report 230-1045. Replaced tension rod for left side balling Replaced beals on cyl that it intake dues, the TOTIL & TIGT3. Cho ADAOIL-21-01 INC Lyc. MasBalar instructions. No description and Installed new Donaldson aut filter, http:// 23-13 TOTAL AIRCRAFT TIME 1862 9 I CENTER THE
18	0 45 0		1	PRET HAS BEEN INCREATED IN ACCORDANCE WITH ACCORDINANCE SPECTION AND WAS DETERMINED TO BE IN ARWORTHY CONDITION. FOR REPAIR STATION LOPROTIN LAPEER AVIATION, INC. F.A.A. Approved Repair Station No. LOPROTIN DuPont Lepser Airport, Lepsor, Michigan 40448

YEAR 20 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.)
08-07-13	1880.	9	aller and	Changed oil Filter CH48110-1
10-11				Added 1gt 15050 oil Run-up
				and beak check ok.
		1-20-		and fin there on.
		-		1110
				LAPEER AVIATION, INC.
		la la		A ADDIOVED BEDAIR Station No. LODBOTHN
	The second s			
Mustan	Aviation		Drive	Duffort Lapoer Aliport, Lapoer, Michigan 48446
Date: 8/28/20 Reg No: N41	145Z		Airframe/I Aircraft: PA	Lexington, KY 40510 859-255-1902 Engine Log Book Shop Order: M-13-3133 32R-301 Serial No. 3246142
Date: 8/28/20 Reg No: N41 Hobbs: 1884 1. Re 2. Re 20	013 145Z Eplaced L/H 1 eplaced altitu	nuffler a: de presel	Airframe/I Aircraft: PA ssy P/N K26 ector. Remo mal.	Lexington, KY 40510 859-255-1902 Engine Log Book Shop Order: M-13-3133 32R-301 Serial No. 3246142 345-008. Ops normal. ved P/N 0140P S/N 221. Installed P/N 01279-PX S/N 0448-
Date: 8/28/20 Reg No: N41 Hobbs: 1884 1. Re 2. Re 20	013 145Z Eplaced L/H 1 eplaced altitu	nuffler a: de presel check not ine, prope Federal A	Airframe/I Aircraft: PA ssy P/N K26 ector. Remo mal.	Lexington, KY 40510 859-255-1902 Engine Log Book Shop Order: M-13-3133 .32R-301 Serial No. 3246142

YEAR 20	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.)	YEAR 20	Engine Log Book
	Date: 10/10/2011 Tach/Hobbs: 18	Iter, cut op r compress 479 Kaune	n Kai	Blue Skies over Dubuque Inc. Airplane Maintenance ed for metal. Check good.	DATE	

Date 2/6/2014 Blue Skie Tach/Hobbs: 1934.2 Total Time: 1934.2 Total Time: 1934.2	Sleins	d Alterations ate Number of specific entries.)	YEAR 20 DATE	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 of Technician or Repair Facility. (See back pages for other specific entries
TSMOH. 183.9 Airplane ************************************	e, towa 52003 station #YQYR343B 1293 proteed engine with Shell 15W-50 oil, position relative to the statistical statistical of the statistical of the statistical with new ion lines & clamps. 9 Juspected interfaced bearrance on throather.			N4145Z Date 07/14/ Hobbs 1978 Change oil and CH 48110, Can James A. Goets A-L	6.4 filter, cut a n-Guard) T	nis engine is	Engine Logbook Entry
I certify this engine has been inspected in accordance with a Annual Insp anvorthy condition. See AD Last in folder for compliance. Work Order #28593 Name: Paul M. Kaune Signed. Acute M. Kourve. Certifice Reproduction # YQYR3438	pection and was determined to be in						

#1 #2 #3 #4 #2 80/80 76/80 78/80 78/80 78/80 1 Inspected engine per FAR Part A3 appendix 2. Changed oil & filter, inspected filter & scree 3. Cleaned foil servo inter screen & replaced C mixture as required. 6. C/W AD 2011-26-04 in	D checklist. n for metal, serviced engine with Phillips 20W-50 oil rings. 4. Cleaned & tested spark plugs. 5. Adjusted idle RPM & spected fuel injection lines & clamps. 7. Retimed left magneto to rdance with a Annual Inspection and was determined to be in compliance.		SHI-15-10817 REMOVED LH MAG, INSPECTED A WITH NEW PN K8823 REPLACED MAGNETO INTERNAL TIMING, RE PERF ORMED OPS AND LEAK OH WORK PERFORMED REFERENCE L certify that this engine has been in determined to be in airworthy conditi	AND REPLACED DISTRIBUTOR BLOCK AND GEAR ASSISTED WITH THE REPLACED DISTRIBUTOR BLOCK AND GEAR ASSISTED AT THIS AND REPLACED DISTRIBUTOR BLOCK AND GEAR ASSISTED AT THIS ALLED UM MADRETO AND SET TAMANG. ECK WITH NO DEFECTS NOTED AT THIS TIME ALL ING UNISON MAGNETO MANTENANCE MANUAL LI-TIGS MONITORING MANUAL LI-TIGS MONITORIANCE MANUAL LI-TIGS MONITORIANCE MANUAL LI-TIGS MONITORIANCE MANUAL MANUA MANUAL MAN	Y
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YEAR 20 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.)	YEAR 20 DATE	RECORDING TACH TIME		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.)
	TH NEW PN K3	AND LEAP AND LEAP AND LEAP BOREFER airworthy of	CED CONTAC G. REINSTALL K. CHECK WIT ENCING UNIS een inspected v condition	All Ar liss (MOON) His Ar ar liss (MOON) His Argue Ph. (315):348-1200 N. C27007-48A. ETT. 2058.1. W/08 SHI-15-10817 CACED DISTRIBUTOR BLOCK AND CEAR ASSY TPOINTS WITH NEW KIT PN M3081 SET ED LH MAGNETO AND SET TIMEA. HIN D EFECTS NOTED AT THIS TIMEA.LL ON MAGNETO MAINTENANCE MANUAL L-1363D ahr reference to the work identified above and was r, IncJOW FAA CRS I2.JR068B	Da LY Pe en extr We Pe Pe C C C C C	te: 12/16/2015 COMING IO-5 formed annua mess. Checken anad odi. remo h 12 quarts of mfed proper m formed comp placed LW186 W AD 2015-19 W AD 84-26-0 W AD 84-26-0 w AD 84-26-0 atinvorthy conc ato. / 2/12/4	Aircraft: N 40-K1G5 V100hr inst d engine ac Checked ai ved oil filte Phillips X/C agneto tim ression che 61 seals o 107 Fuel in 4 Impulse o 2 Replaced engine has juton.	JEJ 4145Z SIN L-27007- bection. Check cassories. Chi di lubricated e and cut open e. 20W50 oil. R ng. (K. #178 Rok Houghing Inspe- linduction alri been inspect igned	d damps inspection. Due whenever engine maintenance is performed. citon. Due again Hobbs: 2379.3 filter with new P617058. Due again Hobbs: 2629.3 et in accordance with a 100 hr/Annual inspection and was determined to be

YEAR RECORDING 20 TACH DATE TIME		IUIAL	Description of Inspections, Tests, Repairs and Alterat Entries must be endorsed with Name, Rating and Certificate Numbi Technician or Repair Facility. (See back pages for other specific en	ber of	RECORDING TACH TIME		TOTAL TIME IN SERVICE	Description of Inspections, Tes Entries must be endorsed with Name, i Technician or Repair Facility. (See back	, Rating and Certificate Number of
	LYCOM W/O: SF Perform compon Checkec propelle open, nč Philips 3 reinstalik Perform C/W AD mainten AD 99-4 Loettfy	sPG-17-02396 med 100hr inspe- ed induction syst lier controls. Cheir a XIC 20WS50 oil. alled Verified pro a XIC 20WS50 oil. alled Verified pro B 2015-19-07 FL enance is perform g-04-04 Impulse i 4-26-02 Replaced by that this engine	NGS Since School engine mounts and cradie. Checked electrical sets. Checked engine accessories. Checked and lubricated engine and statem. Checked school is the state of th		Aircraft Reg Airframe Ce Ren	g : N4145 cessna PA moved an p/n I Certify t	A32R-301 Ai and replaced an REM38E that the wo accordance the engin	Engine logbook Entry	nd leak check. specified was carried spect to that work to service.

YEAR 20 Date	TI LM	12730 SW 77 TH STREET MAIMI, FL 33183 305-978-3940			ficate Number of r specific entries	YEAR 20	RECORDING TACH TIME		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: 1/05/2018 A/C Reg: N4145Z	ENGINE LOGBOOI Model: PA-32R-301 SN:3246 ENGINE TT 2321.3 ENGINE alled new oil 15W50 12 qts total, and installed new oil filter FIN CH	CENTRY 142 ACTT: 2321.3 H0 NE SMOH: 570 9 renGved oil filter, check 18 10-1, washed engine	WO#2153				ABCRAT RE ABCRAT RE Date: 03/06 A/C Reg N4 Completed i 15W50 12 c oil filter P/N 80/80, # 4 80/80, # 4 80/80, # 4 6351 , S/N DONE BY TIME TO E AND REPL 179317, 11 LH CENTE PUSH RDI LH CENTE	1273 MIAA MIAA 305-5 6/2018 41452 Mode ANNUAL Inst ta total, remo ICH48110-1, 76/80, 457 11080320 S 0CAA UNDER NGINE, LEFT ACED OVER TASTACK P/ DIAUSE SE ACED OVER TASTACK P/ TASTACK P/ TAST	Technician or Repair Facility. (See back pages for other specific entries. W. FL 33183 378-3340 ENGINE LOGBOOK ENTRY WOR2172 ol/PA-32R-301 SN 3246142 ACTT. 2304.3 HOBBS: 2304.3 ENGINE TT 2304.3 ENGINE SMOKH 553.9 Defend NAV FAR 43 Appendix TO Removed and initialied new oll synd oi filter, check for metal none found at his time and installed new oll SR60, #5 78/80, washed engine. REMOVED LEFT MACRETO FIN END OUT FOR 500 HR INSPECTION AND CHE SHA404 WWO 06142, RE-INSTALLED MAGNETO AFTER REPARED WWO 06142, RE-INSTALLED MAGNETO AFTER REPARED END OUT FOR MAS EXHAUST LEAK ON SLIP JOINT, REMOVED HAUL LEFT SIDE ASSY DONE BY AWI UNDER WIGH 173318 EAR RISER FIN MAS EXHAUST LEAK ON SLIP JOINT, REMOVED HAUL LEFT SIDE ASSY DONE BY AWI UNDER WIGH 173318 EAR RISER FIN SE23-06, 1EAF ROM TISTER PM 8223-06, 1EA NN 8523-04, CYLINDER 96 ROCHER SHAFT COVER GASKET AND ALL LEAKING, REPLACED BEAL AND GASKET. Ergs been inspected information for and ANNUAL inspection and Service Market AMERICAN AND ART SHAFT COVER MALL LEAKING, APPLACED BEAL AND CASKET. ASSP26771701714A

YEAR 20 DATE	RECORDING TACH TIME TOTAL FLIGHT Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of specific entries 12730 SW 77 ^{rk} STREET	YEAR 20 DATE	RECORDING TACH TIME	TODAY'S TOTAL FLIGHT TIME IN SERVICE Technician or Repair Facility, Cee back pages for other specific enthil
	ИЛИМ, FL 33183 алксаят керма аксаят керма 305-978-3840			12730 SW 77" STREET MIAMI, FL 33183 305-976-3940
	Date: 08/14/2017 ENGINE LOGBOOK ENTRY			Date: 10/17/2018 ENGINE LOGBOOK ENTRY W0#2296
	AUC Reg: N4145Z Model:PA-32R:301 SN:3246142 ACTT: 2247.3 HOBBS: 2247.3 EVGINE TT 2247.3 ENGINE SMOH: 496.9 Removed and installed new oil 15W601 204 total, removed oil filter, check for metal none found at this time and installed new oil filter PN CH48110-1, Do compression check cyl.#1			A/C Reg: N4145Z Model: PA-32R-301 SN:3246142 ACTT: 2354.2 HOBBS: 2354.2 ENGINE TT: 2354.2 ENGINE SMOH 603.8
	78/80, #2 76/80, #3 80/80, #4 78/80, #5 70/00, #5 70/00			ALTERNATOR BELT TORN OFF FROM ENGINE, REMOVED COWLING, REMOVED PROPELLER, REPLACED AIR CONDITION COMPRESSOR BELT TEA PIN 37819774472 AND ALTERNATOR BELT TEA. PIN 37202556. INSTALLED PROPELLER AND COWLING
	Signature Mun Mund A&P267717017			SignatureA&P267717017
	12730 SW 77 th STREET MAMI, FL 33183 305-978-3940 2010/01/2010/2010/2010/2010/2010/2010/			1273 0 SW 77 ^m STREET MIAMI, FL 33183 305-978-3940
				Date: 11/12/2018 ENGINE LOGBOOK ENTRY WO#2311
	A/C Reg. N4145Z Model:PA-32R-301 SN 3246142 ACTT: 2321.3 HOBBS: 2321.3 ENGINE TT: 2321.3 ENGINE SMOH: 507.9 ENGINE TT: 2321.3 ENGINE SMOH: 507.9		_	A/C Reg: N4145Z Model:PA-32R-301 SN:3246142 ACTT: 2,358.9 HOBBS: 2,358.9 ENGINE TT: 2358.9 ENGINE TT: 608.5
	found at this time apoliticated new and A&P267717017			ALTERNATOR BELT BROKE, REMOVED AND INSTALLED NEW ALTERNATOR BELT 1EA P/N 37D22355, REMOVEDAND INSTALLED NEW ALTERNATOR P/N ES-4011LS, S/N H-SQE0428
	Signature			Signaturefund

Finspections, Tests, Repairs and Alterations Indexed with Name, Bating and Certificate Numbers YEAR RECORDING TODAY'S TOTAL Description of Inspections, Test

20	RECORDING TACH TIME	TODAY'S Flight	TOTAL TIME IN Service	Description of Inspections, Tests, Repairs and Alteratio Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entrie	S YEAR 20 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.)
F	in hore bound in	MIAN 305-5 018 52 Model estalled nere e and insta /80, #2,76	PA-32R-301 ENGINE TT 2 w pil 15W50 12	LOCBOOK ENTRY W0#2340 SN 3246142 ACTT 2,371,5 HOBBS 2,371,5 371,5 ENGINE TT 621,1 621 stotal, removed oil filler, check for metal none er PIN CH48110-1, PERFORM COMPRESSION 0, # 4 75/50, #5 76/80, #6 76/80, washed engine		re-gapped, tested were as follows: otal of Aeroshell filter P/N CH481 gasket P/N 06E1	41452 iper PA-3: ne: 2389.2 coming IC e: 2389.2 ual Inspected #176/80 # 176/80 # 9769-1.00.	2 hours D-540-K1G5 hours tion, in accorda i and reinstalle #2 78/80 #3 75 gine oil; cut op oved oil screen . Replaced eng	In the specified event as there is a performed on the service.

YEAR 20 Date	RECORDING TACH TIME	TODAY'S Flight	TOTAL TIME IN SERVICE	a superior he opdorsed	tions, Tests, Repairs and Alterations with Name, Rating and Certificate Number of ty. (See back pages for other specific entries)	YEAR 20 DATE	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. (See back pages for other specific entrie
Aircraf Aircraf Engine Engine Remo compr oil ar found a time, ro 05. Rep	ression check; th nd serviced with at this time; inst einstalled screen placed RH exhau	r PA-32R-2 2438.5 hou aning IO-54 438.5 hou cleaned, m e findings 12 quarts 1 alled new of a with new ist stack as stack P Pei	urs io-K1G5 rs e-gapped, lest were as follow total of Aerosh oil filter P/N C6 gasket P/N 06 sembly with or P/N: 85233-10 cformed engin	hell 15W50 engine oll; cut open o H48110-1. Removed oll screen to E19769-1.00. Replaced LH tail p werhauled unit P/N: 85233R – fro S/N: 186966, rear riser P/N: 857	ut in accordance with FAA regulations, and in d for return to service.	T.S. righ secc inje Perj goo <u>Si</u>	t fuel tanks, oles sked left and rig onds. Checked ri ctors loose, tigh formed full engi d. <u>igned Kerr</u>	aned fuel s int fuel tan igging and itened all f ine run up	trainer no co iks ot fuel stri detents of fu uel injectors on left and rig denee- 1 2/18/19 N4	IACH: 2443.7 r up switch. Sumped left and miner, apps. 1 quort in 15 left value. Found 3 fool and leak checked. ight tanks, performance A&P 347.5.8.975 I 1452 Piper PA32R-301 SN 3246142 Hobbs 2445.7 "ENGINE LOG ENTRY" Ground run check. A&P595248430

Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191 airs and Alterations Bale Aircritt Municulate 20 Calabergin Ca. Pietener, NC 26732 528-684-9191 71320 N4145Z PA32R-301 S/N: 3246142 Hobbs: 2463.4 Removed the propeller, installed 37D22355 alternator belt, installed the propeller and set d Certificate Number of Beechcraft Dropel or other specific entries.) Cessna TEXTRON AVIATION belt tensions IAW Lycoming Service Instruction 1129D. Set the air conditioning belt IAWPiper PA32R-301 MM. Ran the engine, and rechecked belt tensions after run up Engine Logbook Entry Date: March 19, 2019 Registration #: N4145Z A&P3038109 Aircraft S/N: 3246142 Aircraft Model: Piper PA-32R-301 Aircraft Hobbs Reading: 2454.5 hours Aircraft Total Time: 2454.5 hours Engine S/N: L-27007-48A Engine Model: Lycoming IO-540-K1G5 Engine TSO: 704.1 hours Engine Total Time: 2454.5 hours Performed an Engine Annual Inspection, in accordance with FAR Part 43 Appendix D Scope and Detail. Aircraft Maintenance Specialist, Inc. Complied with AD 2015-19-07 - Fuel Injector Fuel Lines and Clamps; no defects noted IAW Lycoming Service Builetin 342G. ARES Performed engine compression check; the findings were as follows: #1 76/80 #2 75/80 #3 72/80 #4 76/80 #5 84/80 #6 74/80. Removed spark plugs, cleaned, re-gapped, tested, inspected and reinstalled. Drained engine oil and serviced with 12 quarts 12/16/2020 N4145Z Lycoming IO-540-K1G5 S/N L-27007-48A Hobbs 2479.2 total of Aeroshell w15W50 engine oil; cut open oil filter to check for metal particles, no metal found at this time; installed new off filter P/N CH48110-1. Replaced right Muffler P/N: A26345. Removed fuel bowl to inspect for metal particles; none found at "ENGINE LOG ENTRY " I certify that the Annual Inspection and other work specified; except as otherwise specified, was carried out in accordance with this time; reinstalled. Drained oil and replaced with 12Qts of 15W50 Aeroshell Oil. FAA regulations, and in respect to that work performed, the Engine is approved for return to service. Took a Blackstone oil sample. Removed and replaced Oil Filter with a new CH48110-1. Lazaro Mendoza AP 267717017 - IA Cut open old filter, inspected with no debris found. lund upmet · Removed Oil Strainer, inspected for debris with none found. Cleaned strainer Complied with Lycoming Service Instruction# 1129D for 25 hour belt inspection after installation. and reinstalled with a new gasket. . Ground ran engine with no leaks or faults found. • R. Wallace A&P3082871

YEAN	RECORDING TACH TIME	TODAY'S Flight	SERVICE	Entries must be endorsed Technician or Repair Facil	ctions, Tests, Repairs and Altera with Name, Rating and Certificate Num Iny. (See back pages for other specific e	er of 20 tries.) DATE	RECORDING TACH TIME	FI			
- or 7/2 - stoppa 2554.	AD15-19-0 2022. AD04 3. Compress 5. Installed n ort nardward inspected in mined to be	7 Fuel Inju- 10-14Cl naul. C/W sion: #1	10-540 ector Lines Crankshaf / AD99-04- 78/80, #2 7/ or throttle c	8/80, #3 78/80, #4 77/80, control at throttle body. Re-	8A ACTT 2480.8 Hobbs 2480	580,8 - R ACTT - D ACTT - D rk R pe - R nas - n ras - 6 FT - P - P - n v	eg: N4145Z ate: 9/1/21 emoved Left M ing new Mague ext due 2733.11 arness with new lugs failed resis sofs, S/N 21021 arness with new lugs failed resis eplaced Left ar /N REM38E. T ormally with m anufacturer's i work performed	to Gask). Remov 620 usini w, P/N Mi- tance test id Right N ightened : 5 fuel or o nstruction: END-	X App Not 13b. Aut	This engagetic was measurabilitating them Part 21:2007 and is simonrying. This may the Champion Silk (- 1313 Document Magnato, sec. 1-300 Manual, Enter magnetic model, suicit a unbia Magneto. Secalit No. <u>2331</u> Magneto Secalit No. <u>23447</u> Date of Installation L-1543	March 30, 200 We are manufactured in common in a condition for safe operatio

Image:		
07/21/21 N41452 0.540/k105 0.511/2700748A ACTT 240.8 Hobbs 2480.8 07/21/21 N41452 0.540/k105 N.2700748A ACTT 240.8 Hobbs 2480.8 CW ADS15-19-07 Fuel Injector Lines by Inspection in accordance with SB342G, next due ACTT 2580.8 Mode: 10.540-K105 N.2.27007-48A CW ADS15-19-07 Fuel Injector Lines by Inspection in accordance with angle et and retaining both of 240.0% Magneto, PN 6351, SN 11080320 and Replaced with new Left Magneto, PN 6351, SN 21010013 Statuled new bolf for throttle control at throttle bod. Resourced left and night exhaust tailpip plus. Installed new wolf and ANNUAL Inspection per 14 CFR part 43, appendix D and was support nardware. Replaced left exhaust muffler ball joint hardware. To certify that this ENGINE has swith new NoN 1001. Removed left Adameto, PN 6351, SN 11080320 and Replaced and Replaced the ada Right Magneto, PN 6350, SN 21000134, ATT 640.0% 2480.8" Autorial to be in airworthy condition this date 07/21/21, hobbs 2480.8, Engine TSMO 730.34, TT 480.8, Teplated and Safetied Alternator Attach Nut. Performed and Replaced all Spark Plugs with new, PN M600. Removed and Replaced all Engine Spark Plugs with new, PN M600. Removed and Replaced all Engine Spark Plugs with new, PN M600. Removed and Replaced all Engine Spark Plugs with new, PN M600. Removed and Replaced all Engine Spark Plugs with new, PN M600. Removed and Replaced all Engine Spark Plugs with new, PN M600. Removed and Replaced all Engine Spark Plugs with new, PN M600. Removed and Replaced all Engine Spark Plugs with new, PN M600. Removed and Replaced all Engine Spark Plug	YEAR RECORDING TODAY'S 107AL Entrues must be encoded with the encoded of the enco	20 TACH FLIGHT TIME IN Entries must be energy of with Name, Habing and Cell incluse numbers TACH SERVICE Technician or Repair Facility. (See back pages for other specific entries.)
10527. CORO, STICTURE 2	07/21/21 N41452 10-540-KIG5 Sin L-27007-48A ACTT 2480.8 Hobbs 2480.8 07/21/21 N41452 10-540-KIG5 Sin L-27007-48A ACTT 2480.8 Hobbs 2480.8 C/W AD15-19-07 Fuel Injector Lines by inspection in accordance with SB342G, next due ACTT 2580.8 or 7/2022 AD04-10-14C1 Cranshaft Gear and retaining bolt due at propeller strike, engine sudden or 7/2022 AD04-10-14C1 Cranshaft Gear and retaining bolt due at propeller strike, engine sudden or 7/2022 AD04-10-14C1 Cranshaft Gear and retaining bolt due at propeller strike, engine sudden or 7/2023 AD04-10-14C1 Cranshaft Gear and retaining bolt due at propeller strike, engine sudden or 7/2023 AD04-10-14C1 Cranshaft Gear and retaining bolt due at propeller strike, engine sudden or 7/2023 AD04-10-14C1 Cranshaft Gear and retaining bolt due at propeller strike, engine sudden 2554.3 Compression: #1 7880, #2 7880, #3 7880, #4 7780, #5 7880, #6 78	Engine Reg: N4145Z Model: 10-540-K1G5 S/N: L-27007-48A Date: 9/1/21 Hobbs: 2483.1 Removed Left Magneto, P/N 6351, S/N 11080320 and Replaced with new Left Magneto, P/N 6351, S/N 21010013 using new Magneto Gasket, P/N LW12681. AD99-04-04, 250 Hour Left Magneto Impulse Coupling Inspection next due 2733.10. Removed Right Magneto, P/N 6350, S/N 11060714 and Replaced with new Right Magneto P/N 6350, S/N 21010013 G350, S/N 21021620 using new Magneto Gasket, P/N LW12681. Removed and Replaced Left and Right Magneto P/N 6350, S/N 1060714 and Replaced Left and Right Magneto Harness with new, P/N M6001. Removed, Cleaned, Gapped and Tested all Engine Spark Plugs and found all Spark P/N REM38E. Tightened and Safetied Alternator Attach Nut. Performed engine ground run and engine operated P/N REM38E. Tightened and Safetied Alternator Attach Nut. Performed engine ground run and engine operated P/N REM38E. Tightened and safetied Alternator Attach Nut. Performed engine ground run and engine operated P/N REM38E. Tightened and Safetied Alternator Attach Nut. Performed engine ground run and engine operated P/N REM38E. Tightened and safetied Alternator Attach Nut. Performed engine ground run and engine operated

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	m Gross Aviation						
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		Engine 10del: 10-540-K1G5 S/N: L-27007-48A	YEAR 20	RECORDING TACH TIME		TOTAL TIME IN Service	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Raling and Certificate Number of Technician or Repair Facility, (See back pages for other specific entries.
THE REAL	- Reg: N41452 Date: 10/21/21	Aodel: 10-540-K1G5 S/N: L-27007-48A Jobbs: 2522.5	20 DATE	TACH	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of
14 201	Reg: N4145Z Date: 10/21/21 H Changed Oil and Filter, refilled with Changed Interview Inst	Iodel: IO-540-KIG5 S/N: L-27007-48A Iobbs: 2522.5 Il quarts of Aeroshell 15W50 Oil. Performed Oil Anal alled new Oil Filter P/N AA48110-2, inspected old Oil	lysis and submitted to	Reg: N4145Z Date: 7/26/22	FLIGHT	TIME IN SERVICE Supp Model Hobbs	Entries must be endorsed with Name. Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries plemental Log Book Entry – Annual Engine 1: 0540-KIG5 S/N: L-2007-48A : 2577.0 EngT1: 2577.0 TSOII: 826.6
D D Proje Ranje Rose o Jacoba	Reg: N4145Z H Date: 10/21/21 H Changed Oil and Filter, refilled with Aviation Laboratories for testing. Inst matter and none found at this time. Re Ring, PN M35376-921 with no defect this time. This maintenance was perfort the Thioraff is approved for return to se the time that the time that the time that the Praceiseo O. Amarante, 2786079, A&P Reg: N4145Z Mod	Indel: 10-540-KIG5 S/N: L-27007-48A Indep: 2522.5 S/N: L-27007-48A III quarts of Aeroshell 15W50 Oil. Performed Oil Anal alled new Oil Filter P/N AA48110-2, inspected old Oil smoved, Cleaned, Inspected and Reinstalled Oil Sucio is noted at this time. Performed engine ground run and med in accordance with the manufacturer's instruction grvice only with respect to the work performedEND- Supplemental Log Book Entry Engine S/N: L-27007-48A	20 DATE I Filter for foreign on Screen using new O- d no oil leaks found at	Reg: N41452 Date: 726/22 Performed an Annual I Crankshaft Gear and C Inspection with referer Right Magnet DPN 63 2794 5 Hobbs. Right N33706 4-77480, 55 MS3706-21 with no S17580, 4-77480, 55 MS3706-21 with no USWS0 0.01. Performe J Filter for foreign	PLIGHT nspection with ice to SB#3420 50, S/N 2105 S0, S/N 2105 defects noted. d 9511392 and d Oil Analysis	TIME IN SERVICE Supp Model Hobbs a reference to F Bolt, Due at P G with no defe 620 Installed - four Inspectio 0, Removed, In S I safetied with and submitted e found at this	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other specific entries plemental Log Book Entry – Annual Engine UNSID FUES SNL-27007-288
20 D 	Reg: N4145Z Model Date: 10/21/21 H Changed Oil and Filter, refilled with Aviation Laboratories for testing. Instimater and none found at this time. Refing, PN M535769-21 with no defect this time. This maintenance was perfort the micraft is approved for return to set the micraft is approved for return to set the micraft. The maintenance of the micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft. The micraft is approved for return to set the micraft is approved fore	Todel: 10-540-KIG5 S/N: L-27007-48A Todbs: 2522.5 Sint L-27007-48A Todbs: 2522.5 Todata Todata Sint L-27007-48A Todata Sint L-27007-48A Todata Sint L-27007-48A Supplemental Log Book Entry Engine ef: 10-540-KIG5 S/N: L-27007-48A bs: 2544.5 Sint L-27007-48A	20 DATE	Reg: N1145Z Date: 726/23 Performed an Annual Crankshafi Gear and L Inspection with refere Right Magneto PN-65 N53576-921 with no Rings. PN-951790 N53576-921 with no Rings. PN-951790 N53576-921 with no Rings. PN-951790 Differe for Groups Director for the for Aureral Engine has b and that work describ -END-	PLIGHT nspection with ice to SB#3420 50, S/N 2105 S0, S/N 2105 defects noted. d 9511392 and d Oil Analysis	TIME IN SERVICE Supp Model Hobbs reference to I Bolt, Due at P G with no defe dour Inspectio Nemoved, Insp safetict with and submittee e found at the repaired in accomplished	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries plemental Log Book Entry – Annual Engine 1: 10.540-5415. SN: L-27007-8A. Stronger Str
20 D Aroje Anter, Hearj Mearja Mearja Mearja	Reg: N4145Z Mod Date: 10/21/21 H Changed Oil and Filter, refilled with Aviation Laboratories for testing. Inst matter and none found at this time. Reg Ring, PN MS35769-21 with no defec this time. This maintenance was perfor the theraft is approved for return to see Haraculter Francisco O. Amarante, 2786079, A&P Reg: N4145Z Mod Date: 1/422 Hohd Removed Left Magneto, PN 6351, SN 2 Wagneto Grasket, PN LW1264	Indel: 10-540-KIG5 S/N: L-27007-48A Index: S22.5 S/N: L-27007-48A Index we on Filter P/N AA48110-2, inspected old Oil senoted at this time. Performed engine ground run and med in accordance with the manufacturer's instruction grvice only with respect to the work performedEND- Supplemental Log Book Entry Engine el: 10-540-KIG5 S/N: L-27007-48A bs: 2544.5 1010013 and Replaced with new Left Magneto, P/N 6 Superformed Engine Ground Run and magnetos ope started Engine Ground Run and magnetos ope	20 DATE I Filter For foreign on Screen using new O- d no oil leaks found at ns and procedures and 6351, S/N 21080515 rated normally at this	Reg: N1145Z Date: 726/23 Performed an Annual Crankshafi Gear and L Inspection with refere Right Magneto PN-65 N53576-921 with no Rings. PN-951790 N53576-921 with no Rings. PN-951790 N53576-921 with no Rings. PN-951790 Differe for Groups Director for the for Aureral Engine has b and that work describ -END-	PLIGHT nspection with rear Retaining ice to SB#342 50, SN 21021 Magneto 500 1 7680, 6=7580 defects noted. d 0014 Analysis natter and non en inspected di d 0014 Analysis	TIME IN SERVICE Supp Model Hobbs reference to I Bolt, Due at P G with no defe dour Inspectio Nemoved, Insp safetict with and submittee e found at the repaired in accomplished	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries plemental Log Book Entry – Annual Engine 1: 10.540-5415. SN: L-27007-8A. Stronger Str
20 D Jane Jane Jane Jane Jane Jane Jane Jane	Reg: N4145Z Mod. Date: 10/21/21 H Changed Oil and Filter, refilled with Aviation Laboratories for testing. Instimation and this time. Reg. No. Ring, P.N. MS5760-21 with no defectivity with no defectivity that the second	Indel: 10-540-KIG5 S/N: L-27007-48A Inded: s252.5 S/N: L-27007-48A III quarts of Aeroshell 15W50 Oil. Performed Oil Anal alled new Oil Filter P/N AA48110-2, inspected old Oil semoved, Cleaned, Inspected and Reinstalled Oil Sucio is noted at this time. Performed engine ground run any med in accordance with the manufacturer's instruction revice only with respect to the work performedEND- Supplemental Log Book Entry Engine Si/N: L-27007-48A bs: 2544.5 S/N: L-27007-48A b1 11 quarts of Aeroshell 15W50 Oil. Installed on so performed in accordance with new Left Magneto, P/N 6 B1 1 quarts of Aeroshell 15W50 Oil. Installed new Oil oreign matter and none found at this time. Performed.	20 DATE Priter for foreign on Screen using new ()- d no oil leaks found at ns and procedures and 6351. SNN 21080515 rated normally at this Friter P/N engine ground run	Reg: N1145Z Date: 726/23 Performed an Annual Crankshafi Gear and L Inspection with refere Right Magneto PN-65 N53576-921 with no Rings. PN-951790 N53576-921 with no Rings. PN-951790 N53576-921 with no Rings. PN-951790 Differe for Groups Director for the for Aureral Engine has b and that work describ -END-	PLIGHT nspection with rear Retaining ice to SB#342 50, SN 21021 Magneto 500 1 7680, 6=7580 defects noted. d 0014 Analysis natter and non en inspected di d 0014 Analysis	TIME IN SERVICE Supp Model Hobbs reference to I Bolt, Due at P G with no defe dour Inspectio Nemoved, Insp safetict with and submittee e found at the repaired in accomplished	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries plemental Log Book Entry – Annual Engine 1: 10.540-5415. SN: L-27007-8A. Stronger Str
26 D Anne Anne Anne Mary Mary Mary Mary Mary Mary	Reg: N41452 Mod. Date: 10/21/21 H Changed Oil and Filter, refilled with Aviation Laboratories for testing, Inst matter and none found at this time. Rn MS5760-21 with no defect this time. This maintenance was perfor the Thicraft is approved for return to set the time of the thicraft is approved for return to set the time. This maintenance, 2786079, A&P Reg: N41452 Mod. Reg: N41452 Mod. Bate: 1/4/22 Mod. Removed Left Magneto, PN 6351, SN 2 using new Magneto Gasket, PN LW1266 time. Changed Oil and Filter, refilled with Ad48110-2, inspected old Oil Filter for for	Todel: 10-540-KIG5 S/N: L-27007-48A Todbs: 2522.5 Il quarts of Aeroshell 15W50 Oil. Performed Oil Anal alled new Oil Filter P/N AA48110-2, inspected old Oil moved, Cleaned, Inspected and Reinstalled Oil Suction is noted at this time. Performed engine ground run and moved, Inspected and Reinstalled Oil Suction is noted at this time. Performed engine ground run and moved performed engine ground run and with respect to the work performedEND- Supplemental Log Book Entry Engine el: 10-540-KIG5 S/N: L-27007-48A bs: 2544.5 S/N: L-27007-48A bs: 2544.5 S/N: L-27007-48A bs: 2544.5 S/N: L-27007-48A	20 DATE Priter for foreign on Screen using new ()- d no oil leaks found at ns and procedures and 6351. SNN 21080515 rated normally at this Friter P/N engine ground run	Reg: N1145Z Date: 726/23 Performed an Annual Crankshafi Gear and L Inspection with refere Right Magneto PN-65 N53576-921 with no Rings. PN-951790 N53576-921 with no Rings. PN-951790 N53576-921 with no Rings. PN-951790 Differe for Groups Director for the for Aureral Engine has b and that work describ -END-	PLIGHT nspection with rear Retaining ice to SB#342 50, SN 21021 Magneto 500 1 7680, 6=7580 defects noted. d 0014 Analysis natter and non en inspected di d 0014 Analysis	TIME IN SERVICE Supp Model Hobbs reference to I Bolt, Due at P G with no defe dour Inspectio Nemoved, Insp safetict with and submittee e found at the repaired in accomplished	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries plemental Log Book Entry – Annual Engine 1: 10.540-5415. SN: L-27007-8A. Stronger Str

Supplemental Log Book Entry
Engine
Na145Z Model: IO-540-KIG5 S/N: L-27007-48A 1:0718/22 Hobbs: 22614.5 S/N: L-27007-48A ged Oil and Filter, refilled with 11 quarts of Aeroshell 15W50 Oil. Installed new Oil Filter P/N AA48110: expected 01 Oil Filter for foreign matter and none found at this time. Performed engine ground run and no oil at this time. This maintenance was performed in accordance with the manufacturer's instructions and Jat this time. This maintenance was performed in accordance with the manufacturer's instructions and Jat this time. This maintenance was performed in accordance with the spect to the work performedEND-sidents and the aircraft is approved for return to service only with respect to the work performedEND-sidents and the aircraft is approved for return to service only with respect to the work performedEND-sidents and the aircraft is approved for return to service only with respect to the work performedEND-sidents and the aircraft is approved for return to service only with respect to the work performedEND-sidents and the aircraft is approved for return to service only with respect to the work performedEND-sidents and the aircraft is approved for return to service only with respect to the work performedEND-sidents and the aircraft is approved for return to service only with respect to the work performedEND-sidents and the aircraft is approved for return to service only with respect to the work performed in a conduction of the service only with respect to the work performed in a conduction of the service on the se

The Standard PROPELLER LOG ASA-SP-L



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			-
Model <u>HC-I3YK-IK</u>	Blade #	Туре	
Date of Manufacture <u>HK 4238</u>	-		
Make/Model		Serial #	
Aircraft Installed On:			

lodel Number HC-I3 ss'y Ser No.	YR-1RF/F7663DR	Bulkhead No.	Valve No.	Work Order #:		Next Due:	4. Organi	Ization Nerne and Address	H & S PROPELLI	ER SHOP, INC.		5. Was	A Order/Contract/	
HK423A	NA	NA	NA				6. Jaam	7. Description:	Fun Number	7. Eligibility: *	10,	Lu.	W43263	
Blade 1: J26545 Clamp 1:	Blade 2: J26541 Clamp 2:	Blade 3: J26542 Clamp 3:	Blade 4: Clamp 4:	Blade 5: Clamp 5:	Blade 6:	Year	ONE		HC-I3YR-IRF	N/A	Quantity: ONE	Secial / Barch Humber. HK423A	Stands / Work:	
omments: Deice Kil: NA DS# 837 26-APR-I acking		ate:				Year	COMP	LIED WITH SL 61-2	18F R1, 61-136R1, 61- 44, 267, 278, 293R1 8	E SI 152A				
entified By:	-			applicable Airworthiness		Date Next Due:								

	Total Time In Service	TIONS, REPAIRS AND ALTERATIONS			JET AIR, INC
ster:			Yean _ Date: 1. Hartzell	2/16/2015; Aircn HC-13YR-1RF	aft: N4145Z 5 S/N: HK423A Hobbs: 2129:3 T.T: 2129:3 TSOH 378:9 W/D: SPG-15-2098
	Time Since Overhaul	Mach. Cerl. # or Repair Station #	Next Ins Cleaner	d, dressed, and able.	painted blades. Checked Spinner and buikhead, found propeller and spinner to be
MPT	Total Time In Service	Description	airworth	2/11/2015	siler has been inspected in accordance with an annual inspection and was determined to be in
lei			Date: for J	et Air Inc. CRS	# JAFR110F Galesburg-Hiladois 61401
	Time Since Overhaul	Mech. Cort. 4 or Repair Station 4	Next Inspection Duel	Time Since Overbaul	Mech. Curt. # or Repair Station #
	Total Time	Description		Total Time	Description
el			Yeari	in Service	Mescription
Inspection	werther		Next Inspection Duel	Time Since Overhaul	
-	1	Mech. Cerl. # or Repair Station #		1000	Mech. Cert. # or Repair Station #

	Total Time In Service	TIONS, REPAIRS AND ALTERATIONS	Yeari	Total Tim In Servic	MIAMI FL 33183
Year: li	In Service	Date: 2/13/2017; Aircraft: N4145Z Hartzell HC;13/2017; Aircraft: N4145Z Hartzell HC;13/R-1RF S/N: HK423A Hobbs: 2189.6 T.T: 2189.6 TSOH: 439.2 W/O:	Date: Next Inspection		PROPERLIER LOGBOOK ENTRY WO#2172
		SPG-17-02396	Due:	Overhaut	Date: 03/06/2018 AVC Reg: N4145Z Model PA-32R-301 SN 3246142 ACTT: 2304.3 HOBBS 2304.3 PROPELLER TT: 2304.3 PROPELLER SMOH: 553.9
		Cleaned, dressed, and painted blades. Checked opinion and an an 100 HB inspection and was	Yeari	Total Tim in Servic	Completed ANNUAL inspection IAW FAR 43 Appendix "D".
Year: 1	Total Time in Service	I certify that this propeller has been inspected in accordance with all too rick inspection and was	Date: Next Inspection		The second and with an ANNUAL inspection
Date: Next Inspection	Time Since	determined to be in automatic Date <u>0-13:3017</u> Signed <u>0.11</u> for det Art Inc. CRS # JAFR110F Galesburg, Illinois (61401	Due:	Overhaul	A&P267717017-IA
Next Inspection C	Overhaul	for Jet wit the other		Total Tim	im V
-	Total Time		Year:		
fear: l	In Service		Next Inspectio	on Time Sin Overhaul	un die
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HUR & BLADE INSPECTIONS, REPAIRS A	ND ALTERATIONS		21	propeil	Beechcraft	1 10
HUB & BLADE INSPECTIONS, REPAIRS A Total Time Description	Propel	Beechcraft TETTER AVIATION TETTER AVIATION	Corona Decorrections	Propeller Logbook Entry	Date: April 15, 2020	1 1 1 1
Year: Date:	IND ALTERATIONS	Date: March 19, 2019	Registration #: N4145Z	Propeller Logbook Entry	Date: April 15, 2020 Aircraft S/N: 3246142 Aircraft Hobbs Reading: 2454.5	hours
Vear Date: Next Insp Due: Registration #: N4145Z Aircraft Model: Piper PA-32R-301 Aircraft Model: Aircraft 239.2 hours	Propeller Logbook Entry	Date: March 19, 2019 Aircraft S/N: 3246142 Aircraft Hobbs Reading: 2389.2 hour Propeller S/N: HK423A Propeller TSO: 638.8 hours	Registration #: N4145Z Aircraft Model: Piper PA-32R-301 Aircraft Total Time: 2454.5 hours Aircraft Total Time: PG-33R-1RF	Propeller Logbook Entry	Date: April 15, 2020 Aircraft 5/N: 3246142 Aircraft Hobbs Reading: 2454.5 Propeller 5/N: HK423A	hours
Year: Total Inspective Date: Centre Next Insp Centre Due: Centre Registration #: N4145Z Aircraft Model: Piper PA-32R-301 Aircraft Total Time: 2389.2 hours Aircraft Total Time: Centre Her-13YR-18K	Propeller Logbook Entry	Date: March 19, 2019 Aircraft S/N: 3246142 Aircraft Hobbs Reading: 2389.2 hours Propeller S/N: HK423A Propeller TSO: 638.8 hours	Registration #: N4145Z Aircraft Model: Piper PA-32R-301 Aircraft Total Time: 2454.5 hours Aircraft Total Time: PG-33R-1RF	Propeller Logbook Entry	Date: April 15, 2020 Aircraft 5/N: 3246142 Aircraft Hobbs Reading: 2454.5 Propeller 5/N: HK423A 13 Appendix D Scope and Detail. Ise specified, was carried out in accordan aft is approved for return to service. 9/7 - 1A	hours
Year: Total Inspective Date: Centre Next Insp Centre Due: Centre Registration #: N4145Z Aircraft Model: Piper PA-32R-301 Aircraft Total Time: 2389.2 hours Aircraft Total Time: Centre Her-13YR-18K	Propeller Logbook Entry pection, in accordance with FAR Part 43 ther work specified; except as otherwise to that work performed, the Propelle	Date: March 19, 2019 Aircraft S/N: 3246142 Aircraft Hobbs Reading: 2389.2 hours Propeller S/N: HK423A Propeller S/N: HK423A Bappendix D Scope and Detail. Se specified, was carried out in accordance with er is approved for return to service.	Registration #: N4145Z Aircraft Model: Piper PA-32R-301 Aircraft Total Time: 2454.5 hours Aircraft Total Time: PG-33R-1RF	Propeller Logbook Entry poetion, in accordance with FAR Part 4 ther work specified; except as otherwi ect to that work performed, the Aircra-	Date: April 15, 2020 Aircraft 5/N: 3246142 Aircraft Hobbs Reading: 2454.5 Propeller 5/N: HK423A 13 Appendix D Scope and Detail. Ise specified, was carried out in accordan aft is approved for return to service. 9/7 - 1A	hours
Year: Total Inspective Date: Centre Next Insp Centre Due: Centre Registration #: N4145Z Aircraft Model: Piper PA-32R-301 Aircraft Total Time: 2389.2 hours Aircraft Total Time: Centre Her-13YR-18K	Propeller Logbook Entry	Date: March 19, 2019 Aircraft S/N: 3246142 Aircraft Hobbs Reading: 2389.2 hours Propeller S/N: HK423A Propeller S/N: HK423A Bappendix D Scope and Detail. Se specified, was carried out in accordance with er is approved for return to service.	Registration #: N41457 Aircraft Model: Piper PA-32R-301 Aircraft Total Time: 2454.5 hours propeller Model: HC-13YR-1RF Performed an Annual Inspection and ot FAA regulations, and in respondent Date:	Propeller Logbook Entry poetion, in accordance with FAR Part 4 ther work specified; except as otherwi ect to that work performed, the Aircra-	Date: April 15, 2020 Aircraft 5/N: 3246142 Aircraft Hobbs Reading: 2454.5 Propeller 5/N: HK423A 13 Appendix D Scope and Detail. Ise specified, was carried out in accordan aft is approved for return to service. 9/7 - 1A	hours

HUB & BLA	Total Time	Description			HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS
Year:	In Service		Year:	Total Time in Service	Description
Date:		7/21/21 LOSE Hartzell !!!	Date:		-
Next Inspection Due:	Time Since Overhaul	SEE	Next Inspection	Time Since Overhaul	
	1	Mech. Cert. # or Repair Station #	Due:		Mech. Cert. # or Repair Station #
	Total Time	Description		Total Time in Service	Description
Year:	in Service		Yeari		the second se
Date:	Time Since		Date: Next Inspection	Time Since	
Next Inspection Due:	Overhaul		Due:	Overhaul	
		Mech. Cerl. # or Repair Station #	-		Mech. Cert. # or Repair Station #
	Total Time	Description	Year	Total Time in Service	Description
Year:	In Service		Date:	-	
Date:	- Ance		Next Inspection	Time Since Overhaul	
Due:	Overhall		Due:	The second	Mech. Cert. # or Repair Station #
		Mech. Cert. # or Repair Station #		1	