ENGINE LOG BOOK



Engine Log & Maintenance Record

	LOG #:
RECORD OF PLYCOMING TO-360-CICLE (MAKE) (MODEL)	7L-830-51E (SERIAL)
AIRCRAFT REGISTRATION NUMBER:	
FROM 11/2 20 <u>21</u> TO	20
DETAILING TIME FROM O.O TO (HOURS)	
If used on a multi-engine aircraft:RightLeft	FrontRear

Rebuilt Engine Certificate of Conformance

** COMING

This is to certify that the engine as described hereinafter has been REBUILT in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number Serial Number Engine Model Work Order

Total Time

RENPL-RT10478 RL-830-51E IO-360-C1C6 JN785508

0

All Alcuh S

Authorized Representative

tive Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A. Lycoming Engines is a division of Avco Corporation

Form 2481 Rev 05/13

Serial	#		
Seliai	##		

Time Run Total Time

Engine Log

Serial	#	-
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ENGINE N753KS

Engine Total Time: 0.0

2482.6 A/C TOTAL TIME: **ENG TOTAL TIME:** <u>0.0</u> ENG T.S.M.O.H.: <u>N/A</u> TACH TIME: 2482.6 PROP T.S.M.O.H.: <u>N/A</u>

PROP TOTAL TIME: 498.7

Complied with an Annual Inspection and Engine Change:

Installed this overhauled engine P/N IO-360-C1C6, S/N RL-830-51E (By Lycoming under W/O# MS-55347-1 dated 08/17/2021) on aircraft N753KS. Serviced engine with 6 qts Aeroshell 100 Mineral oil. Installed new lord mounts, hoses, hardware, and exhaust gaskets. C/W: AD 2015-19-07 (fuel system inspection) by visual inspection with no defects noted. Next due at AFTT 2592.6. Adjusted idle speed and mixture settings IAW A.D. 2001-06-17. Installed serviceable Reiff engine preheater. Performed post maintenance engine run-up for leak check, no leaks noted. All work performed IAW the Piper PA-28R-201 Arrow (S/N's 2844001 and up) Aircraft Maintenance Manual and the Lycoming Direct Drive Engine Maintenance Manual. The engine and related accessories were changed as follows.

	1					
	REMOVED			INSTA	ALLED	
ITEM	PART#	SERIAL#	TIS/TSO	PART#	SERIAL#	TIS/TSO
ENGINE	10-360-C1C6	L-36747-51E	2482.6/ 0.0	I0-360-C1C6	RL-830-51E	0.0/ 0.0
PROP	HC-C2YR- 1BFP/F7497	NS4255B	498.7/0.0	HC-C2YR- 1BFP/F7497	NS4255B	498.7/0.0
STARTER	149NL	FN-2916129	2084.4 TIS	149LNL	H-T031656	0.0/0.0
ALTERNATOR	ALX-8521-LS1	H-R040262	1001.9/0.0	ALX-8521-LS1	H-R040262	1001.9/0.0
OIL COOLER	20017A	115-13127-4	2482.6 TIS	20017A	114-12396-4	0.0 TSO
Governor	5.5	P	n e			
	F-2-7A	G137WJ	2482.6 TIS	F-2-7A	G137WJ	0.0 TSO
MACNETO (C)	L : 4372	15080491	2482.6 TIS	4372	21010195	0.0 TSN
MAGNETO (S)	₹ : 4370	15090345	2482.6 TIS	4370	21050606	0.0 TSN
INJECTOR	RSA-5AD1	AV171462987	2482.6 TIS	RSA-5AD1	AV53979426	0.0 TSO
FUEL PUMP	62B26931	RC33152559	2482.6 TIS	62B26931	2821L0080	0.0 TSN
DISTRIBUTOR	63B26720	AV207971240	2482,6 TIS	63B26720	AV53979638	0.0 TSN

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2021-00680. Date: 11/02/2021

Charles Doyle, Certified Repair Station NX3R886D.

Page Total:	
Brought Forward:	All repair data must bear the endorsemer a certified mechanic, and his/her rating certificate number MUST be shown.
Total to Date:	

pate	Hours)	Since Overhaul	Repairs, Adjustments, Service,	Remarks	Signature	Licence #
BROU	- Sille	73/65				
	KENT S	TATE		A/C TOTAL TI	ME: 2507	1 -
	UNIVER	SITY		ENG TOTAL TI		
	ENGINE-P .	A28R-201		ENG T.S.M.O.H		
	N753KS			TACH TIME :	2507	.4
			2500 AF	PROP T.S.M.O.		''
	Total Time in Ser	Vice: <u>24.8</u>	10111111111	PROP TOTAL T		5
	Complied with I	2000 min = C T 140	ODD (TICK TO A CID ADDER (OTICK)			
	filter with 6 OTS	A grashall 100 M	92B (oil filter insp.) & S.B. 480E (Oil filter &	suction screen ins	sp.). Changed of	^{il &} .
	condition with no	defects noted D	lineral oil & AA48111 filter. Took oil sampl	e. Visually inspect	ted engine for g	eneral
	checked good A	ll work performed	erformed post maintenance engine run-up for I IAW the Lycoming Direct Drive Engine Ma	leak check, no lea	ks noted, opera	tionally —
	enconca good. 11	ii work performed	I IAW the Lyconning Direct Drive Engine Wa	untenance ivianuai	•	-
	The aircraft airfra	me, aircraft engir	ne or appliance identified above was inspected	l and renaired in a	ccordance with	current
	regulations of the	Federal Aviation	Administration and is approved for return to	service Pertinent	details of the	Current
	repair/inspection	are on file at the I	Repair Station under this work order: W/O# k	SU 2021-00726.	Date: 11/10/	2021
_			•		2000. <u>XI/10/</u>	
	Signed:	\mathcal{M}	Joshua Eyring, Certified Repair Statio	n NX3R886D.		
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10	IZEN ET CT					
	KENT ST	ALE.		A/C TOTAL TIM		3
	UNIVERS	SITY		ENG TOTAL TIL		
	ENGINE-PA	A28R-201		ENG T.S.M.O.H.		
	N753KS			TACH TIME:	<u>2537</u>	3
	Total Time in Serv	vice: 54. 7		PROP T.S.M.O.H		
				PROP TOTAL T	IME: <u>553.4</u>	
	Complied with	SOUD INCOL	ECTION CHECK LIST.			
			2B (oil filter insp.) & S.B. 480E (Oil filter &	suction serven inc	n) Changadai	1 0-
	filter with 6 OTS	Aeroshell W15W	7-50 & AA48111 filter. Took oil sample. Vis	suction screen ms	p.). Changed of	.1 &
			erformed post maintenance engine run-up for			
			IAW the Lycoming Direct Drive Engine Ma			—
	4 1	r work performed	171 W the Dyconning Direct Direct Engine Wa	intenunce manuar.	(4)	
	The aircraft airfrai	me, aircraft engin	e or appliance identified above was inspected	and repaired in ac	cordance with o	urrent
			Administration and is approved for return to			_
			Lepair Station under this work order: W/O# K		Date: 12/03/2	021
	724			· · · · · · · · · · · · · · · · · · ·	ν.	
3	Signed:	30	Charles Doyle, Certified Repair Statio	n NX3R886D.		
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All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

l to Date:

Page Total:

Serial # _____

Engine Log

Serial #

				ence #	Date	<u>**</u>	recommendation of the second		
D	TATE OTATE	A/C TOTAL TIME :	2582.4		Date	KENT STATE	A/C TOTAL TIME	2(01.0	е
BF	KENT STATE	ENG TOTAL TIME:	99.8		BROU			2681.9 199.3	
	I certify that this Engine-PA28R-201 (N753KS) has been inspected in	ENG T.S.M.O.H.:	N/A			I certify that this Engine-PA28R-201 (N753KS) has been inspected in		199.3 N/A	
	accordance with an Annual Inspection and was	TACH TIME:	<u>2582.4</u>			accordance with an Annual Inspection and was	T .	2681.9	
	found to be in an airworthy condition.	PROP T.S.M.O.H.:	<u>N/A</u>	-		found to be in an airworthy condition. Time in Service:199.3		N/A	
	Time in Service : 99.8	PROP TOTAL TIME :	<u>598.5</u>			Time in Service . <u>199.5</u>		<u>698.0</u>	ŝ
\vdash									_
L			54	0					_
	a vist id as townel Inspection		W		-	Complied with an Annual Inspection.		:=	
	Complied with an Annual Inspection. Compressions: 1) 76/80 2) 76/80 3) 77/80 4) 77/80. Took oil sample. Cut & inspection.	spected old oil filter. Clear	ned, gapped,			Compressions: 1) 77/80 2) 76/80 3) 77/80 4) 78/80. Took oil sample Cut & ins	spected old oil filter. Cleane	d ganned	
-	Compressions: 1) 76/80 2) 76/80 3) 77/80 4) 77/80. Took oil sample. Cut & his inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injected with A.D. 2015-19-07) (fuel injected w	or lines) by visual inspection	on with no			inspected, and rotated sparkblugs. Complied with A D 2015-10-07 (fuel inject	or lines by viewel income tien	and the same	
-	inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (Idel Injected defects noted. A.D. next due at AFTT of 2692.4. Complied with S.I. 1492D (oi	l filter insp.) & S.B. 480E	(Oil filter &			defects noted. A.D. next due at AFTT of 2791.9. Complied with \$1 1402D (o	il filter inen \ P. C D 400E //	01164 0 -	_
					-	suction screen hisp.). Changed on & filter with 6 () IS Aeroshell W15W-50 an	d A A 18111 filton Clooned 6	211	_
						Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspetthreads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Per for leak check, no leaks noted.	cted and cleaned fuel inlet f	filter and	
	Tightened all fluid lines and hoses. Installed and tightened ignition leads, hisper threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Ad retarding each 3 degrees. Performed post maintenance engine run-up for leak of retarding each 3 degrees.	heck, no leaks noted. Ope	rational			for leak check, no leaks noted. Operational checked good. All work performed	IAW the Lyapping Direct I	igine run-up	
\vdash	retarding each 3 degrees. Performed post maintenance engine run-up for four of checked good. All work performed IAW the Lycoming Direct Drive Engine M	faintenance Manual.				Maintenance Manual.	IAW the Lycolling Direct I	Drive Engine -	_
<u>_</u>								=	-
	The aircraft airframe, aircraft engine or appliance identified above was inspected.	ed and repaired in accorda	nce with		-	The aircraft airframe, aircraft engine or appliance identified above was inspected	d and repaired in accordance	with current =	_
				e		regulations of the rederal Aviation Administration and is approved for return to	carvice Dortinget datails of	the	
\vdash	repair/inspection are on file at the Repair Station under this work order: W/O#	KSU2022-00082. Date	e: <u>02/16/2022</u>			repair/inspection are on file at the Repair Station under this work order: W/O# L	<u>(SU2022-00302</u> . Date: <u>0</u>	5/20/2022	
-	Signed: Charles Doyle, Certified Repair Sta					Signed: Charles Doyle, Certified Repair Stati	- NIVOROOCE		_
	Signed: Charles Doyle, Certified Repair Sta	LION 147K5K000D.				Charles Doyle, Certified Repair Stati	on NX3K886D.	-	_
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Г						*			
						KENT STATE	A/C TOTAL TIME: 27	721.5	
\vdash	TATE OTATE	A/C TOTAL TIME :	2635.9			UNIVERSITY		731.5 48.9	_
\vdash	KENT STATE	ENG TOTAL TIME:	153.3					<u>//A</u> -	_
	ENGINE-PA28R-201	ENG T.S.M.O.H.:	<u>N/A</u>		3 3			731.5	_
		TACH TIME:	<u>2635.9</u>		94 I	otal Time in Service: 248 0		<u>//A</u>	
	- N753KS	PROP T.S.M.O.H.:	<u>N/A</u>			1 mile ii) 5017100. <u>24012</u>	PROP TOTAL TIME: 74	47.6	
\vdash	Total Time in Service: <u>153.3</u>	PROP TOTAL TIME	: <u>652.0</u>]					_
-	and the state of t)	_
					H	Complied with, 50HR INSPECTION CHECK LIST.		1	_
	Complied with, 50HR INSPECTION CHECK LIST.			-		Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & s	uction screen insp.). Change	ed oil &	
		& suction screen insp.).	Changed oil &		L I	ilter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visu	ally inspected engine for ger	neral	
H	I II IVII CIVI CO O A A ADITI Hilton TOOL OIL COMPLE	VIGUALIV HISHECIEU CHEILIC	TOI ECHOICH	10.00	C	ondition with no defects noted. Performed post maintenance engine run-up for le	eak check, no leaks noted, one	erationally -	_
-	1: with no defects noted Performed post maintenance engine run-up i	lor leak check, no leaks no	ted, operation	ally —	C	hecked good. All work performed IAW the Lycoming Direct Drive Engine Main	tenance Manual.		_
	checked good. All work performed IAW the Lycoming Direct Drive Engine	Maintenance Manual.			— _т	he aircraft airframe aircraft anging or appliance identified above and insert to		-	
	The aircraft airframe, aircraft engine or appliance identified above was inspec	eted and renaired in accord	ance with cur	rent -	- re	he aircraft airframe, aircraft engine or appliance identified above was inspected a egulations of the Federal Aviation Administration and is approved for return to se	nd repaired in accordance wi	ith current	
	A design of the state of the st	III) SELVICE. FEITHER GOTA	ils of the		r	epair/inspection are on file at the Repair Station under this work order: W/O# KS	<u>U2022-00346</u> . Date: <u>06/1</u>		
H	regulations of the Federal Aviation Administration and is approved for repair/inspection are set file at the Repair Station under this work order: W/Oi	# KSU2022-00182. Da	ate: 03/25/202	2		00:11 1			_
⊦						igned Christopher Brinker, Certified Repair St	ation NX3R886D.	_	_
L	Signed: Charles Doyle, Certified Repair St.	ation NX3R886D.	10.24 K					_	_
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_	Total				Page	e Total:			
ŀ	Page Total:	repair data must bea	er the endo		E.		والمتعاطمين والمالية		_
_		certified mechanic, a	nd his/her	rating an	Brou		iir data must bear the e ied mechanic, and his/		
E	Brought Forward: a d	certificate number	MUST be s	hown.			tificate number MUST		ΠĘ
					Tota	l to Date:	amber 11001	SC SHOWII.	
٦	Fotal to Date:				- 10	to Date.			

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Serial # _____

Engine Log

Serial	#	
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						nce #
Da KENT ST	ATE.			A/C TOTAL TIME ENG TOTAL TIMI	E: 298.8	
L certify that this En	gine-PA28R-201 (N753KS) has been inspe		ENG T.S.M.O.H.:	<u>N/A</u>	
accordance with an	Annual Inspection	and was	L.	TACH TIME : PROP T.S.M.O.H.	2781.4 N/A	
found to be in an air	rworthy condition.			PROP TOTAL TIM		
Time in Service :29	8.8		A 18 18 18 18	THOI TO THE		
TURK			The same of the same of			
Complied with an A	Annual Inspection.	100 t) = (100 T111 co	mala Cut & insn	ected old oil filter (leaned, gappe	d,
		/80 4) 76/80. Took oil san				
		Cleaned and inspected since of the control of the c				
for leak check, no	eaks noted. Operati	onal checked good. All w	ork performed in	in the Lycoming		
Maintenance Manu						
The aircraft airfran	ne, aircraft engine o	r appliance identified abo	ve was inspected	and repaired in acc	ordance with c	urrent
1 1 1 Cala a T	Tadawal Assistion Ac	lministration and is abbro	ived for return to	SCI VICC. I CI CIII CIII	Date: 08/02/2	
repair/inspection a	re on file at the Rep	air Station under this wo	rk order: W/O# N	302022-00470.	Date. <u>00/02/2</u>	<u></u>
		Charles Doyle, Certi	fied Repair Statio	on NX3R886D.		
Signed:		Charles Doyle, cons				
	/					
N/L						
IZEN IT (TATE			A/C TOTAL TIM	IE: 2816.	.3
- KENTS) IAI C.	a 5 5 6		ENG TOTAL TI	ME: <u>333.7</u>	· _
UNIVE	8 S 1 1 Y			ENG T.S.M.O.H.		2
─ N753K	S	F 48 9 3 00 8		TACH TIME:	2816.	<u> </u>
			2 2 2	e ne e		-
27 37 41	A	9			ha in namal m	onges —
Troubleshot engir	ne for a reported lov	oil pressure condition. I	Ran aircraft and for	ound oil pressure to	lter & suction	screen
for idle and static	RPM. Complied w	ith: Lycoming S.I. 1492I oil & filter with 6 QTS. A	veroshell W15W	50 & AA48111 filt	er. Adjusted oil	i
nressure relief val	lve 1 5 turns clocky	vise. Ran aircraft with no	other defects not	ed.All work perform	ned in accordan	ice with
the Lycoming Dir	rect Drive Engine M	laintenance Manual.				
100-00-00-00-00-00-00-00-00-00-00-00-00-			harra waa inanaat	ad and renaired in a	ccordance with	current
The aircraft, airfr	ame, aircraft engine	or appliance identified a dministration and is appl	roved for return t	o service. Pertinent	details of this	-
regulations of the	are on the at the Re	pair Station under this w	ork order: WO# I	KSU2022-00531 D	ate: 08/26/202	<u>2</u>
Tepan/ms/200						
Signed:	70	Charles Doy	ie, Certified Rep	air Station NX3R88	OD	_
<u> </u>	/					T
	/	9				
Page Total:			_			
. age rotan			All re	pair data must	bear the end	dorsement
Brought Forwa	ard:		_ a cei	tified mechanic	, and his/he	er rating a
prougnt Forw	M: WI			certificate numb	er MUST be	shown.

Dat	te	Time Run	Total Time	Renairs, Adjustments, Service	Remarks	Sians	ature Lica	ence #
BRC	V	דיג וידי כי	TATT					
_	K	ENTS	IAIE.		A/C TOTAL TILENG TOTAL TILENG		2829.9 347.3	
-	E	NGINE-P.	A28R-201		ENG TOTAL IT		N/A	-
_		753KS			TACH TIME:		2829.9	
		tal Time in Ser	vice: 347.3		PROP T.S.M.O.		N/A	
					PROP TOTAL 7	TME:	<u>846.0</u>	
	Co	mplied with	, 50HR INSPE	CTION CHECK LIST.				
-	Co	mplied with: L	Agree hell W/15W/	B (oil filter insp.) & S.B. 480E (Oil filter & 50 & AA48111 filter. Took oil sample. Vi	suction screen ins	sp.). Char	iged oil &	
_	COL	dition with no	defects noted. Per	formed post maintenance engine run-up for	leak check, no lea	ngine for g iks noted	generai onerationally	
	che	cked good. A	ll work performed I	AW the Lycoming Direct Drive Engine Ma	intenance Manual		operationally	
	The	aircraft airtra	me, aircraft engine	or appliance identified above was inspected dministration and is approved for return to	d and repaired in a	ccordance	with current	
	rep	air/inspection a	are on file at the Re	pair Station under this work order: W/O# K	SU2022-00568.		9/07/2022	
			. 1					-
\neg	Sig	ned: Christy	she Bur	Christopher Brinker, Certified Repair	Station NX3R886	D.	-	-
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1-	-			50 m				
		<u>ww</u>		- 2				1
	_ k	ENT!	STATE.		A/C TOTAL T	IME :	2881.2	
		UNIVE	R S 1 T Y	ON (NEEDLYC) Landau	ENG TOTAL		398.6	
	20	cordance with	an Annual Inspec	01 (N753KS) has been inspected in	ENG T.S.M.O.	Н.:	<u>N/A</u>	
			n airworthy condition		TACH TIME:) II .	2881.2	-
		ime in Service			PROP T.S.M.C		<u>N/A</u> 897.3	
	-	8 8 3		P - 1 2 3 4 2 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			<u> </u>	
	4							
	_ C	omplied with a	n Annual Inspecti	on.				
	C	ompressions: 1	77/80 2) 70/80 3)	76/80 4) 75/80. Took oil sample. Cut & in	spected old oil filt	ter. Clean	ed, gapped,	
	in	spected, and re	otated sparkplugs.	Complied with A.D. 2015-19-07 (fuel inject	tor lines) by visua	l inspectio	n with no	
	_ Ge	etion screen in	L.D. next due at AF	TT of 2991.2 . Complied with S.I. 1492D (& filter with 6 QTS. Aeroshell W15W-50 a	oil filter insp.) & S	S.B. 480E	(Oil filter &	
	- no	zžles Tighter	ned all fluid lines ar	nd hoses. Installed and tightened ignition le	nd AA48111 filter	r. Cleaned	fuel	
	- fil	ter and threads	s, reinstalled using 1	new O-rings. Cleaned and inspected sniffle	valve Performed	nost mair	itenance	
	en	gine run-up fo	or leak check, no lea	iks noted. Operational checked good. All v	work performed IA	W the Lv	coming	
	D	irect Drive Eng	gine Maintenance M	fanual.		-		\Box
	T	a giroroft oirf	roma aireach anain	o on omalian as identified above to	1 1 . 1.		*.*	\vdash
	cu	rrent regulatio	ons of the Federal A	e or appliance identified above was inspectory viation Administration and is approved for	return to service	accordance Pertinent	e with details of the	\vdash
	- re	pair/inspection	ane on file at the R	epair Station under this work order: W/O#	KSU2022-00734.	Date:	11/14/2022	\square
	_	7	11/1					Ш
	Si	gned:	11-10	Charles Doyle, Certified Repair Stat	ion NX3R886D.			
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- • (-9	iit i Oi wa		a certi	fied mechanic ertificate numb	, diia nii er Milci	s/fier ratin The shown	y and
ot:	al +	o Date:			cacc manny	CI 1105	. DC 3110441	

Total to Date:_

Serial # __

certificate number MUST be shown.

Engine Log

Serial #

N753KS Total Time Complied v filter with 6	in Service: 448.4 I with, 50HR IN with: Lycoming S.I	A STORES	A/C TOTA ENG TOTA ENG T.S.M TACH TIM PROP T.S.I	AL TIME : I.O.H. : IE :	2931.0 448.4 N/A 2931.0
N753KS Total Time Complied v filter with 6	E-PA28R-20 S in Service: 448.4 I with, 50HR IN with: Lycoming S.I	A STORES	ENG TOTA ENG T.S.M TACH TIM PROP T.S.I	AL TIME : I.O.H. : IE :	448.4 N/A 2931.0
N753KS Total Time Complied v filter with 6	E-PA28R-20 S in Service: 448.4 I with, 50HR IN with: Lycoming S.I	A STORES	ENG T.S.M TACH TIM PROP T.S.I	I.O.H. : IE :	N/A 2931.0
N753KS Total Time Complied v filter with 6	in Service: <u>448.4</u> I with, <u>50HR IN</u> with: Lycoming S.I	A STORES	TACH TIM PROP T.S.I	Œ:	2931.0
Total Time Complied v filter with 6	in Service: 448.4 I with, 50HR IN with: Lycoming S.I	ISDECTION CHECK LIST	PROP T.S.1		
Complied v	l with, <u>50HR IN</u> with: Lycoming S.I	ISDECTION CHECK LIST	PROP TOT		N/A
Complied v	with: Lycoming S.I	EDECTION CHECK LIST		AL TIME:	947.1
Complied v	with: Lycoming S.I				
filter with 6		. 1492B (oil filter insp.) & S.B. 480E (Oil filter	& suction scre	en insp.). Cha	nged oil &
condition w		715W-50 & AA48111 filter. Took oil sample.	Visually inspec	ted engine for	general
	vith no defects note	d. Performed post maintenance engine run-up	for leak check, r	no leaks noted,	operational
checked go	od. All work perfo	rmed IAW the Lycoming Direct Drive Engine	Maintenance M	anuai.	
The aircraft	t airframe, aircraft	engine or appliance identified above was inspec	ted and repaired	l in accordance	with currer
regulations	of the Federal Avia	ation Administration and is approved for return	to service. Pert	inent details o	f the
repair/inspe	ection are on file at	the Repair Station under this work order: W/O#	KSU2022-008	<u>807</u> . Date: 1	12/16/2022
Signad:	16 11	All Soth Brown Cartified Danair Statis	n NX3B886D		
Signed:		Sem Brown, Certified Repair State	m Myzigood,		
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	vic.				
TAT	CTATE		A/C TOTAL T	IME: 29	80.5
EINI	SIAIC.		ENG TOTAL	ГІМЕ: <u>49</u>	7.9
JNIVI	ERSIII				
7531	KS	,	TACH TIME :		<u>80.5</u>
X 1 450 1 25					9
V		1 1 1 MAI 1070 CAL 210506)6) magnata 500) hour internal	
mplied with	left (P/N 4372, S/	N 21010195) and right (P/N 4370, 5/N 2103000	1936002), impu	ilse coupling v	ith new
III. D/NI EC2	100 (date code 19/	(1352) and woodruff key with new P/N MZ330	-10. Replaced I	ight carbon or	ASII WILLI
Walle DA	I A M 2015 (date of	de 1036002) Installed magnetos and timed to	engine. Ali woli	c periorinea m	
cordance wi	th the Lycoming D	irect Drive Engine Maintenance Manual and Cl	nampion Master	Service Manu	ai r-1100
ne aircraft. a	irframe, aircraft en	gine or appliance identified above was inspected	d and repaired in	n accordance v	ith current
aulations of	the Enderal Aviation	on Administration and is approved for return to	service. Perune	iii detaiis oi iii	15
pair/inspecti	on are on file at the	Repair Station under this work order: WO# K	SU2025-00083	Date: <u>02/20/</u>	<u>2023</u>
aned.		Charles Doyle, Certified Repai	r Station NX3R	886D	
gilou.			- 0		
	1/				
	/				
Takele					
	The aircraft regulations repair/inspose Signed: N7531 INFORMATION OF THE PARTY OF	The aircraft airframe, aircraft or regulations of the Federal Avia repair/inspection are on file at Signed: The aircraft airframe, aircraft or regulations of the Federal Avia repair/inspection are on file at Signed: The aircraft airframe aircraft on the second secon	The aircraft airframe, aircraft engine or appliance identified above was inspected in the Federal Aviation Administration and is approved for return repair/inspection are on file at the Repair Station under this work order: W/O/Signed: Seth Brown, Certified Repair Station. Seth Brown, Cer	The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired regulations of the Federal Aviation Administration and is approved for return to service. Pert repair/inspection are on file at the Repair Station under this work order: W/O# KSU2022-008 Signed: Seth Brown, Certified Repair Station NX3R886D. Seth Brown, Certified Repair Station NX3R886D. A/C TOTAL TENG TOTA	The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at the Repair Station under this work order: W/O# KSU2022-00807. Date: 1 Signed: Seth Brown, Certified Repair Station NX3R886D. A/C TOTAL TIME: 29 ENG TOTAL TIME: 49 ENG TOTAL TIME: 49 ENG TOTAL TIME: 29 ENG TOTAL TIME: 29 In TACH TIME: 29 Implied with left (P/N 4372, S/N 21010195) and right (P/N 4370, S/N 21050606) magneto 500 hour internal repection. Replaced left carbon brush with new Kelly P/N AM-3215 (date code 1936002), impulse coupling welly P/N ES3100 (date code 1941352), and woodruff key with new P/N M2536-10. Replaced right carbon brush with the Lycoming Direct Drive Engine Maintenance Manual and Champion Master Service Manualisions of the Federal Aviation Administration and is approved for return to service. Pertinent details of this pair/inspection are on file at the Repair Station under this work order: WO# KSU2023-00083 Date: 02/20/2/gned. Charles Doyle, Certified Repair Station NX3R886D

KENT STATE.

I certify that this **Engine-PA28R-201 (N753KS)** has been inspected in accordance with a **100 Hour Inspection** and was found to be in an airworthy condition.

Time in Service :497.9

A/C TOTAL TIME: 2980.5 ENG TOTAL TIME: 497.9 ENG T.S.M.O.H.: N/A TACH TIME: 2980.5 PROP T.S.M.O.H.: N/A PROP TOTAL TIME: 996.6

Complied with a 100 Hour Inspection.

Compressions: 1) 78/80 2) 73/80 3) 75/80 4) 76/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 3090.5. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00083. Date: 02/20/2023

Signed Chillagh Mh

Christopher Brinker, Certified Repair Station NX3R886D.

KENT STATE.

ENGINE-PA28R-201

N753KS

Total Time in Service: 498.3

A/C TOTAL TIME : 2980.9 ENG TOTAL TIME : 498.3 ENG T.S.M.O.H. : N/A TACH TIME : 2980.9

Troubleshoot for low power at full static. Performed compression check: 1) 76/80, 2) NA/80, 3) 73/80, 4) 78/80. Replaced #2 cylinder with new kit P/N 05K21120. Replaced cylinder base nuts with new P/N STD-2090 and 383-B. Performed dry tappet clearance inspection: intake .064, exhaust .039. Replaced #4 cylinder exhaust flange gasket with new P/N RA77611. Serviced engine with 6 quarts of Aeroshell 80 Mineral oil. Replaced all eight spark plugs with new Tempest UREM38E. Cleaned fuel injector nozzles and reinstalled. Cleaned fuel control inlet screen. Flow tested injector nozzles with no defects noted. Verified left and right magneto timing with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00096. Date: 02/27/2023

Signed: Ching Mak

Christopher Brinker, Certified Repair Station NX3R886D.

a certified mechanic, and his/her rating and Brought Forward:___

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Total to Date:

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Brought Forward:_____

Total to Date:

Serial # __

Engine Log

Serial #

Date Time Run Total Time Repairs Adicates	onto Comitos Bonesules At	ence #		ne Run Total Time lours) Since Overhaul	Repairs, Adjustments, Service, R	emarks	Signature	Licence #
ENGINE-PA28R-201 N753KS Total Time in Service: 522.4	A/C TOTAL TIME: 3005.0 ENG TOTAL TIME: 522.4 ENG T.S.M.O.H.: N/A TACH TIME: 3005.0 PROP T.S.M.O.H.: N/A PROP TOTAL TIME: 1021.1		BROUGI K	ENT STATE	R-201 (N753KS) has been inspected in spection and was dition.	A/C TOTAL ENG TOTAL ENG T.S.M.C TACH TIME PROP T.S.M. PROP TOTA	TIME: 59 O.H.: N O.H.: N	080.1 97.5 /A 080.1 /A 096.2
Complied with, 25 HOUR OIL CHANGE. Complied with: Lycoming S.I. 1492D (oil filter insp.) & S.B. 48 filter with 6 QTS Aeroshell W15W-50 & AA48111 filter. Took oil for leak check, no leaks noted. Operationally checked good per: Ly regulations of the Federal Aviation Administration and is approved repair/inspection are on file at the Repair Station under this work of Signed: Challed Market Christopher Brinker, Ce	vectoring Direct Drive Engine Maintenance Manual. was inspected and repaired in accordance with current for return to service. Pertinent details of the	ent	Con insp defe suct Tight three for I	ected, and rotated sparkplugs ects noted. A.D. next due at A ion screen insp.). Changed ointened all fluid lines and hose ads, reinstalled using new O-	pection. 10 3) 76/80 4) 78/80. Took oil sample. Cut & in its. Complied with A.D. 2015-19-07 (fuel inject AFTT of 3190.1. Complied with S.I. 1492D (oil & filter with 6 QTS. Aeroshell W15W-50 ares. Installed and tightened ignition leads. Insperings. Cleaned and inspected sniffle valve. Per Operational checked good. All work performed	or lines) by visu- oil filter insp.) & nd AA48111 filte ected and cleaned rformed post ma	al inspection wi S.B. 480E (Oil er. Cleaned fuel I fuel inlet filter intenance engin	ith no I filter & nozzles. — r and ne run-up
KENT STATE. ENGINE-PA28R-201 N753KS Total Time in Service: 547.3	A/C TOTAL TIME: 3029.9 ENG TOTAL TIME: 547.3 ENG T.S.M.O.H.: N/A TACH TIME: 3029.9 PROP T.S.M.O.H.: N/A PROP TOTAL TIME: 1046.0		curr	ent regulations of the Federal air/inspection are on file at the	gine or appliance identified above was inspected Aviation Administration and is approved for the Repair Station under this work order: W/O# Seth Brown, Certified Repair Station	return to service KSU2023-0032	. Pertinent deta	ils of the
Complied with, 50HR INSPECTION CHECK LIST. Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 4801 filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took of condition with no defects noted. Performed post maintenance engine checked good. All work performed IAW the Lycoming Direct Drive	E (Oil filter & suction screen insp.). Changed oil & il sample. Visually inspected engine for general ne run-up for leak check, no leaks noted, operational	1	UN	STATE.		A/C TOTAL TI ENG TOTAL T ENG T.S.M.O.I TACH TIME :	IME: 618.	
The aircraft airframe, aircraft engine or appliance identified above regulations of the Federal Aviation Administration and is approved repair/inspection are on file at the Repair Station under this work of Signed: Signed: Sarah Johnson, Certified	order: W/O# KSU2023-00196. Date: 4/6/2023	rent	mixtur work p The air regulat	e 3 clicks lean and idle speed performed in accordance with craft, airframe, aircraft enging tions of the Federal Aviation and the R	d, found idle at 500 RPM with mixture rise of a for seasonal change. Engine idle around 720 in the Lycoming Direct Drive Engine Maintenance or appliance identified above was inspected Administration and is approved for return to sample of the Repair Station under this work order: WO# KS Charles Doyle, Certified Repair	RPM and mixturence Manual. and repaired in tervice. Pertinent U2023-00354	re rise 30-40 RF accordance with details of this Date: 06/02/20	PM. All
Page Total:	All repair data must bear the endo a certified mechanic, and his/her certificate number MUST be	orsement of rating and	Page Tota Brought I		a certifie	r data must b	and his/her	rating and
Total to Date:	certificate fluffiber 14051 be	SHOWILE	Total to E	Date:	certi	ificate numbe	er MUST be s	shown.

Serial #

Engine Log

Serial	#	
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Time Run **Total Time** Licence # nancius Adiustmente Consice Demarke Cinnature KENT STATE A/C TOTAL TIME: <u>32</u>27.3 KENT STATE A/C TOTAL TIME: 3129.5 ENG TOTAL TIME: 744.7 <u>646.9</u> **ENG TOTAL TIME: ENGINE-PA28R-201** ENG T.S.M.O.H.: <u>N/A</u> **ENGINE-PA28R-201** ENG T.S.M.O.H.: N/A TACH TIME: 3227.3 **N753KS** 3129.5 TACH TIME: N753KS PROP T.S.M.O.H.: N/A Total Time in Service: 744.7 PROP T.S.M.O.H.: N/A PROP TOTAL TIME 1243.4 Total Time in Service: 646.9 PROP TOTAL TIME: 1145.6 Complied with, 50HR INSPECTION CHECK LIST. Complied with, 50HR INSPECTION CHECK LIST. Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally condition with no defects noted. Adjusted idle mixture control 2 clicks rich for seasonal change. Performed post checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual. maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual. The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00532. Date: 09/05/2023 regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00381. Date: 06/14/2023 Charles Doyle, Certified Repair Station NX3R886D. Signed: Christish Mk Christopher Brinker, Certified Repair Station NX3R886D. KENT STATE A/C TOTAL TIME: 3279.6 KENT STATE. ENG TOTAL TIME: <u>797.0</u> 3179.9 A/C TOTAL TIME: I certify that this Engine-PA28R-201 (N753KS) has been inspected in ENG T.S.M.O.H.: <u>N/A</u> 697.3 **ENG TOTAL TIME:** accordance with a 100 Hour Inspection and was TACH TIME: **3279.6** I certify that this Engine-PA28R-201 (N753KS) has been inspected in <u>N/A</u> ENG T.S.M.O.H.: found to be in an airworthy condition. PROP T.S.M.O.H.: N/A 3179.9 accordance with an Annual Inspection and was TACH TIME: Time in Service: 797.0 PROP TOTAL TIME: 1295.7 N/A found to be in an airworthy condition. PROP T.S.M.O.H.: 1196.0 Time in Service :697.3 PROP TOTAL TIME: Complied with a 100 Hour Inspection. Compressions: 1) 77/80 2) 75/80 3) 77/80 4) 74/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, Complied with an Annual Inspection. inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no Compressions: 1) 76/80 2) 77/80 3) 76/80 4) 76/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, defects noted. A.D. next due at AFTT of 3389.6. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. defects noted. A.D. next due at AFTT of 3289.9. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Adjusted idle mixture control 2 clicks lean nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet for seasonal change. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked filter and threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Performed post maintenance good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual. engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current Direct Drive Engine Maintenance Manual. regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00647. Date: 10/30/2023 current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the Signed: Christopher Bruh repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00445. Date: 07/18/2023 Christopher Brinker, Certified Repair Station NX3R886D. Charles Doyle, Certified Repair Station NX3R886D. All repair data must bear the endorsement of a cerumed mechanic, and his/her rating an Brought Forward:_____ a certified mechanic, and his/her rating and certificate number MUST be shown. certificate number MUST be shown. Fotal to Date:___ Total to Date:_

Serial #

<u>3337.3</u>

Engine Log

Serial #	Serial #
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Date BROUG	KENT STATE.
	ENCINE_PA28R-20

A/C TOTAL TIME: **ENG TOTAL TIME:**

854.7 N/A ENG T.S.M.O.H.: 3337.3 TACH TIME:

N/A PROP T.S.M.O.H.: 1353.4 PROP TOTAL TIME:

ENGINE-PA28R-201 N753KS

Total Time in Service: 854.7

Complied with, 50HR INSPECTION CHECK LIST.

Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00698.

Signed:

Charles Doyle, Certified Repair Station NX3R886D.

KENT STATE

I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.

Time in Service:896.8

3379.4 A/C TOTAL TIME: <u>896.8</u> **ENG TOTAL TIME:** ENG T.S.M.O.H.: <u>N/A</u> 3379.4 TACH TIME: PROP T.S.M.O.H.: N/A PROP TOTAL TIME: 1395.5

Complied with an Annual Inspection.

Compressions: 1) 76/80 2) 74/80 3) 72/80 4) 77/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 3489.4. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on the at the Repair Station under this work order: W/O# KSU2023-00749. Date: 01/02/2024

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Charles Doyle, Certified Repair Station NX3R886D.

Page rotal: __/

Brought Forward:_____

Total to Date: SSP-1872-1 © 2015 Avco Corporation. All Rights Reserved.

All repair data must bear the endorsement a certified mechanic, and his/her rating an Brought Forward: certificate number MUST be shown.

A/C TOTAL TIME: 3437.0 954.4 **ENG TOTAL TIME:** ENG T.S.M.O.H.: <u>N/A</u> 3437.0 TACH TIME: <u>N/A</u> PROP T.S.M.O.H.: 1453.1 PROP TOTAL TIME:

Total Time in Service: 954.4

Dat KENT STATE

N753KS

BROU ENGINE-PA28R-201

Complied with, 50HR INSPECTION CHECK LIST. Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00074.

Sarah Johnson, Certified Repair Station NX3R886D.

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*	N	7	5	3	k		3				

A/C TOTAL TIME:	3476.9
 ENG TOTAL TIME:	994.3
ENG T.S.M.O.H.:	N/A
TACH TIME:	<u>3476.9</u>

Complied with left (P/N 4372, S/N 21010195) and right (P/N 4370, S/N 21050606) magneto 500 hour internal inspection. Replaced left magneto carbon brush with new P/N AM-3215 (date code 1951111) and cotter pin with new P/N AM-2556 (date code 1934933). Replaced right magneto carbon brush new P/N AM-3215 (date code 1951111) and coil with new P/N AK-3975 (date code 1941064). Installed magnetos and timed to engine using new gaskets two each P/N LW-12681 and one P/N 62224. Installed four new mount nuts P/N STD1410 and new lock washers. All work performed in accordance with Lycoming Direct Drive Engine Maintenance Manual and Champion Master Service Manual F-1100 rev

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00145. Date: 3/18/2024

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igned.	10000	Cel		_Saran Jo	muson,
	∕ XI		X		

Certified Repair Station NX3R886D.

age T	otal:			

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

To	tal	to	Date:_	

Serial # _

Engine Log

Serial	#	1
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certificate number MUST be shown.

A/C TOTAL TIME: ENG TOTAL TIME: ENG TOTAL TIME: 994.3 ENG T.S.M.O.H.: NA NA NA NA NA NA NA NA NA N		/ Dat	2004
4:G, that this Engine PA28R-201 (N753KN) has been inspected iii ENG IND OH IND		BRO	LING TOTAL TIME:
ecordance with an Annual Inspection and was TACH TIME: 3476.9			I certify that this Engine-PA28R-201 (N753KS) has been inspected in ENG T.S.M.O.H.: TACH TIME: 3576.6
bund to be in an airworthy condition. PROP T.S.M.O.H.: N/A			accordance with an Annual Inspection and was found to be in an airworthy condition. TACH TIME: 3576.6 PROP T.S.M.O.H.: N/A
ime in Service :994.3 PROP TOTAL TIME : 1493.0		1	Time in Service : 1094.0 PROP TOTAL TIME : 1592.7
		1-	Time in service (145) is
The second secon		١	a a part of a
omplied with an Annual Inspection.	-		- 1: 1 - 1t A Increastion
regions: 1) 76/90 2) 75/90 2) 75/90 4) 76/90 Took oil sample. Cut & inspected old oil filter. Cleaned, gapped	,		Complied with an Annual Inspection. Compressions: 1) 77/80 2) 77/80 3) 77/80 4) 79/80. Took oil sample. Cut & inspected old oil filter. Replaced all eight
and rotated energy lines. Complied with A D 7015-19-07 (file) injector lines) by visual inspection with no			1 1 - with new Townset LIDEM 38F Complied with A.D. 2015-19-07 (Tuel Injector lines) by Visual hispection
efects noted. A.D. next due at AFTT of 3586.9. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter action screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzl	es.		The standard A D most due at A FTT of 3686 6 Complied with S.I. 1492D (Oil filler Insp.) & S.D. 400E (Oil
thened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel little and			filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet
do reinstalled using new Orings. Cleaned and inspected sniftle valve. Compiled with 5.B. 3860 (exitaust valve		1	at three de reinstelled using new Orings Cleaned and inspected shiftle Valve, Replaced #2 locker cover gasket
the by visual inspection and measurement: 1) 023 2) 024 3) 020 4) 024 and 5.B. 301B (Valve Ifalli) by visual	-	1	with new RG-67193 Performed post maintenance engine run-up for leak check, no leaks noted. Operational effected
ention with no defects noted. Replaced one each ignition lead spring P/N MZ9Z9, electrode P/N M1496, and	-		good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.
aspection with no defects noted. Replaced one each ignition road sping of the sulator P/N M1738 in left and right magneto caps. Performed post maintenance engine run-up for leak check, no eaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance	-	-	The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with curre
Manual.			I regulations of the Federal Aviation Administration and is approved for return to service. Fertilient details of the
			regulations of the Federal Aviation Administration and is approved order: W/O# KSU2024-00283. Date: 05/16/2024
he aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with	the	1	
urrent regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of epair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00145. Date: 03/25/202	4	1-	Signed: Christopher Brinker, Certified Repair Station NX3R886D.
pair/inspection are on the at the Repair Station under this work order.	-	\	
A Control of the Cont			
Signed: Charles Doyle, Certified Repair Station NX3R886D.		-	<u>*</u>
			KENT STATE.
**			UNIVERSITY SOZO.4
ENT STATE. A/C TOTAL TIME: 3525.7	1		ENG T S M O H · N/A
J N I V E R S I T Y			TACH TIME: 0.0
NGINE-PA28R-201 ENG T.S.M.O.H.: 1043.1 N/A		-	Total Time in Service: 1143.8 PROP T.S.M.O.H.: N/A
753KS TACH TIME: <u>3525.7</u>	-	-	PROP TOTAL TIME: 1642.5
PROP T.S.M.O.H.: N/A			
PROP TOTAL TIME : 1541.8			Complied with 50HD INSPECTION CANADA
omplied with, 50HR INSPECTION CHECK LIST.			Complied with, 50HR INSPECTION CHECK LIST. Complied with: Lycoming S. L. 1492B (cil filter iner.) & S. D. 160B (cil filter iner.)
implied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480F (Oil filter & suction serson insp.) Changed all &			Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post projects are provided by the condition with no defects noted.
ref with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general andition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operational and good. All work performed by the performed post maintenance engine run-up for leak check, no leaks noted, operational and good.			
ecked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.	illy	1-	checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.
e aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with curre	ent		The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the
dulations of the Pederal Aviation Administration and is approved for return to service. Pertinent details of the			repair/inspection are on file at the Repair Station and is approved for return to service. Pertinent details of the
			Signed CV in INV
med: Christopher Brinker, Certified Repair Station NX3R886D.			Christopher Brinker, Certified Repair Station NX3R886D.
ge Total:		Page	e Total:

certificate number MUST be shown.

Total to Date:

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Total to Date:

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Serial # ___

Engine Log

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Da	KENT STATE	A/C TOTAL TIME : <u>3676.4</u>	nce #	77.1	E- STATE				ence a
BRO	1 1 N 1 V 2 K 1 I I T	ENG TOTAL TIME: 1193.8		Ì	KENT STATE.		A/C TOTAL TIME : ENG TOTAL TIME :	3776.1 1293.5	-
-	I certify that this Engine-PA28R-201 (N753KS) has been inspected in	ENG T.S.M.O.H.: N/A		1	I certify that this Engine-PA28R-201	(N753KS) has been inspected in	ENG T.S.M.O.H.:	1293.5 N/A	
	accordance with an Annual Inspection and was found to be in an airworthy condition.	TACH TIME : <u>50.0</u> PROP T.S.M.O.H. : <u>N/A</u>		7	accordance with an Annual Inspection	n and was	TACH TIME :	149.7	
	Time in Service: 1193.8	PROP TOTAL TIME: 1692.5		7	found to be in an airworthy condition.		PROP T.S.M.O.H.:	N/A	
			-	\neg	Time in Service : <u>1293.5</u>		PROP TOTAL TIME:	<u>1792.2</u>	
		2	_	4			4		
	a Und with an Annual Inspection			1	Complied with an Annual Inspection	,			
	Complied with an Annual Inspection. Compressions: 1) 76/80 2) 77/80 3) 75/80 4) 78/80. Took oil sample. Cut & in	spected old oil filter. Cleaned, gapped,		1	— Compressions: 1) 78/80 2) 77/80 3) 76	5/80 4) 78/80. Took oil sample. Cut & i	inspected old oil filter. Cle	aned, gapped,	
-	inspected and rotated enarkings. Complied with A D. 2015-19-07 (fuel inject	or lines) by visual inspection with no		7	inspected, and rotated sparkplugs. Col	mplied with A.D. 2015-19-07 (fuel inje of 3886.1. Complied with S.I. 1492D	(oil filter inen) & S.R. 480	ion with no	-
-	defeats noted A D next due at AFTT of 3786.4 Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter &		1	suction screen insp.). Changed oil &	filter with 6 QTS. Aeroshell W15W-50	and AA48111 filter. Cleans	ed fuel nozzles.	
	suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 a Tightened all fluid lines and hoses. Installed and tightened ignition leads. Insp	nd AA48111 filter. Cleaned fuel hozzles	·	-L	Tightened all fluid lines and hoses. In	stalled and tightened ignition leads. Ins	spected and cleaned fuel inl	et filter and	
	Tightened all filled lines and noses. Installed and tightened ighthor leads. This threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Ac	liusted idle mixture 2 clicks lean for	-		threads, reinstalled using new O-rings	. Cleaned and inspected sniffle valve. P	Performed post maintenance	engine run-up	
	seasonal change and adjusted idle speed. Performed post maintenance engine n	in-up for leak check, no leaks noted.	_	_		tional checked good. All work perform	ed IAW the Lycoming Dire	ct Drive Engine	
	Operational checked good. All work performed IAW the Lycoming Direct Dri	ve Engine Maintenance Manual.			Maintenance Manual.				-
	The aircraft airframe, aircraft engine or appliance identified above was inspect	ed and renaired in accordance with			The aircraft airframe, aircraft engine c	or appliance identified above was inspec	eted and repaired in accorda	nce with current	
	current regulations of the Federal Aviation Administration and is approved for	return to service. Pertinent details of the	e 🗀	7	regulations of the Federal Aviation Ac	dministration and is approved for return	to service. Pertinent detail		
	repair/inspection/are on file at the Repair Station under this work order: W/O#	KSU2024-00404. Date: <u>07/08/2024</u>	-	1		pair Station under this work order: W/O#	# <u>KSU2024-00564</u> . Dat	e: <u>09/10/2024</u>	
			-	- -	- Signed: Cherolopher And	Christopher Brinker, Certified Rep	pair Station NX3R886D		
	Signed: Charles Doyle, Certified Repair Sta	tion NX3R886D.	-	-					
			_		/				
					JH/2		J		
	<u> </u>		100		KENT STATE		A/C TOTAL TIME	3825.0	-
\vdash	KENT STATE.	A/C TOTAL TIME : <u>3725.0</u>		1	UNIVERSITY		ENG TOTAL TIME		-
	UNIVERSITY	ENG TOTAL TIME: 1242.4		71-	ENGINE-PA28R-201		ENG T.S.M.O.H.:	N/A	
	ENGINE-PA28R-201	ENG T.S.M.O.H. : <u>N/A</u> TACH TIME : <u>98.6</u>	-	1	N753KS		TACH TIME : PROP T.S.M.O.H. :	198.6	
	N753KS	PROP T.S.M.O.H. : N/A	-	- _	Total Time in Service: 1342.4		PROP TOTAL TIM	<u>N/A</u> E: <u>1841.1</u>	
	Total Time in Service: 1242.4	PROP TOTAL TIME: 1741.1		-L		1 11115	3 1 1 1 1 1 1 1	201112	
					Complied with SOUD INCOL	CTION CHECK LIOT	2 7 4		
					Complied with, 50HR INSPE	2B (oil filter insp.) & S.B. 480E (Oil fil	lter & suction screen insn)	Changad ail &	
	Complied with, 50HR INSPECTION CHECK LIST.				filter with 6 QTS. Aeroshell W15W	7-50 & AA48111 filter. Took oil sample	e. Visually inspected engir	e for general	-
	Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter &	suction screen insp.). Changed oil &		71-	condition with no defects noted. Pe	erformed post maintenance engine run-u	p for leak check, no leaks r	oted, operational	ily —
-	filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. V	sually inspected engine for general		1	checked good. All work performed	IAW the Lycoming Direct Drive Engir	ne Maintenance Manual.		_
	condition with no defects noted. Performed post maintenance engine run-up for	leak check, no leaks noted, operationall	у	- -	The aircraft airframe aircraft engin	e or appliance identified above was insp	ageted and rengized in ages	donoo with our	
	checked good. All work performed IAW the Lycoming Direct Drive Engine Ma	aintenance Manual.		- -	regulations of the Federal Aviation	Administration and is approved for retu	irn to service. Pertinent det	ails of the	ill
	The aircraft airframe, aircraft engine or appliance identified above was inspected	d and repaired in accordance with curren	ıt 🗀	JL	repair/inspection are on file at the R	epair Station under this work order: W/		Pate: 10/29/2024	
	regulations of the Federal Aviation Administration and is approved for return to	service. Pertinent details of the			Signed: Chaphyll Mh				
	repair/inspection are on file at the Repair Station under this work order: W/O# I	<u>XSU2024-00478</u> . Date: <u>08/05/2024</u>			Signed. Strong from the	Christopher Brinker, Certified R	epair Station NX3R886D.	FIAU.	-
	Signed: Charles Doyle, Certified Repair Station	on NX3R886D			/				
-	Signed: Charles Doyle, Certified Repair Station			1	/				
<u>L_l</u>			_	- _					
Pag	ge Total: <u>/</u>			P	Page Total:	8			
	All re	pair data must bear the endorse	ment	o			repair data must bear	the andaras	mont :
Bro	ought Forward: a cer	tified mechanic, and his/her rat	ing ar	n/B	Brought Forward:		certified mechanic, an		
		certificate number MUST be sho	wn.				certificate number N		
Tot	tal to Date:				Total to Date:				

Serial # _____

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_	KF	NTS	TATE		A/C TOTAL TIME :	3875.2	
BF	11 1	NIVFR	SITY	AVERANCO I. I in an actual in	ENG TOTAL TIME		
			Annual Inspection	(N753KS) has been inspected in	ENG T.S.M.O.H.:	<u>N/A</u>	-
-			rworthy condition.	allu was	TACH TIME : PROP T.S.M.O.H. :	248.8 N/A	
-		in Service :13		asses, ar	PROP TOTAL TIME		
	Thire		7,210	8-3 H 1 3 4 3 1 1 1 1	THOI TOTALE THAT	107110	
							-
	-Comp	olied with an Z	Annual Inspection		. 1 11 7 64 6	S1 11	
-	Comp	oressions: 1) 7	6/80 2) 77/80 3) 77	/80 4) 78/80. Took oil sample. Cut & ins	spected old oil filter. C	leaned, gapped,	
_	inspe	cted, and rotat	ted sparkplugs. Cor	nplied with A.D. 2015-19-07 (fuel injector of 3985.2. Complied with S.I. 1492D (oi	of filter insp \& S R 4	ROE (Oil filter &	
	suction	n screen insn) Changed oil & fi	lter with 6 QTS. Aeroshell W15W-50 and	d AA48111 filter. Clea	med fuel nozzles.	A*
	Tight	ened all fluid	lines and hoses. Ins	talled and tightened ignition leads. Inspec	cted and cleaned fuel in	nlet filter and	
	thread	ds, reinstalled	using new O-rings.	Cleaned and inspected sniffle valve. Rep	laced leaking #3 and #	44 intake gaskets	
٦	with 1	new P/N Perfo	ormed post mainten	ance engine run-up for leak check, no lea	ks noted. Operational	checked good. A	.11
_	work	performed IA	W the Lycoming D	irect Drive Engine Maintenance Manual.			
	Thas	iroraft airfran	na giraraft angina a	r appliance identified above was inspecte	d and repaired in accor	rdance with curre	nt
í	regul	ations of the F	ie, antian engine of Sederal Aviation Ad	ministration and is approved for return to	service. Pertinent det	ails of the	
_	repair	r/inspection ar	e on file at the Repa	air Station under this work order: W/O# I	KSU2025-00343.	Date: <u>05/08/2025</u>	
-							
_	Signe	d Asirlysh	Mrs	Christopher Brinker, Certified Repai	ir Station NX3R886D.		
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_		what Faces	vard:		certified mechanic	, and his/her	rating af
E	srou	gnt Forv	varui	a	certificate numb	er MUST be s	shown.

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Total to Date: