The Standard Engine Log SE-2

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ASA-SE-2

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Engine Record General Information	l	
Manufacturer OBKM Vorone	zh Model MI	40
Manufacturer OBKM Vorone Serial K9 812067	Type Certificate	Russia
This engine is currently installed in air	rcraft:	
	3 18 VIII 34 V	
Minimum Octane Fuel 100 LL	Oil Grade Summer / 20	Winter 100
Minimum Octane Fuel <u>/60 </u> <u>/</u> Magneto Time <u>/4 名 /6</u> の	_ Point Setting ,のすこ゜	Firing Order /35792468
Spark Plug Gap	_	
Manufacturer's Recommended Overha	ul at hours	

## **Registered Owner Record**

Name		Address	
Name	State	From	То
Name		Address	
Name	State	From	То
Name			
			То
Name		Address	
			то
577			То
Name		Address	
City	State	From	То
Name		Address	
City	State	From	То
Name		Address	
City	State	From	То
Name		Address	
City	State	From	То

20 Octo1 See Russian Logbook for this serial number lg 13 lists accessories justalled, Pg 25 is tackery run data with 99% power of 363 HP. Section 89 410 are service and operation data. Engine has been preserved since unty. It has not been installed or operated since it left the factory. Accessories from MIMP SETA K9032002 were revoved after about 100 hours of operation and installed on this engine. Pull engine through by hand without sparkplugs to charge oil system before starting. Follow marqual proceedures for after installation run and maintenence, Depreservation steps are not necessary,

YEAR 200/	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.)
200ct	Neu	) en	give,	accessories about 100 hours since new
Q/25/0Z	102.6			Justalled luguil on N21527 5/N 9311701, with all original
				Check okay. Service all with
				Acrophell 100 non det.
				Privald K Bland
8190z	123,0			screen and have cleaned
				screen and hoses cleaned refelled w/ Evershell 100w+
				( certifically
				HAT 476540455

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/15/03	141.0		38,4	Consider inspection performed Tis dote Ol Change Dand Screen cleaned Carb office Cygin cleaned, Ephant ystim
				Acertif this engine has
				fact 143 and mas hern found to be in currently conduction
				Carry Schasger

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YEAR 2004 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.)
5/1/04	163,7		61.1	Cordition inspection federal
				Scheen cleaned Plus
				cleaned xenspected Value
				phyeller installed 1AW
				Scertify This engens has
				Letail of Just 43 app
				be in arrivally and tion.
		1		Cour Show
				Carry Jull AAP 4765 40938

YEAR 2005 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.)
5/2/06	187.6		85.0	Condition prospection serjoured
				changed w/acoshell 100w.
				quebed 79/80. Valyes officited
				instituted in the suget detruit
				defund to be in anually
				condition
				Janes James
				ATP 4765 40938

YEAR  DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
eliloc	215.0	,,,,	1/2,4119	doute Consession tested -
1-7	207	8 3	-79	4-79 5-77 6-78 7-77 8-78 9-79 Exhaut sustan duckeller
iz	Legge	ly i	Oil	changed and sceens cleaned.
lu	sine a	ras	bus	magneting for fait 43
cez	yeuro	they	and	dition
		/		the String App 476540938

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/7/07	247.0		147.0	Condition Lugaring ferfered
6-7	- 7-	78	8-7	9-77. Values adjustel.
Pikul	le w	au	frem +	1000. Gy havet rings tiglismed.
Lan	ify i	tus	della	as determed for the in mysters
con	id \$10	2		- de contract of
			Jour	Schleun Det 476540931
			/	

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	111/12		SAST MISSINGSON	( specific entries.)
6/19/08	168		168	Comation Angertson Chudade
Eur	usin	-/	-78	2-78 3-79 4-77 5-78
61	79	7-	78	9-79 9-79, Oil drawed
one	1 scr	een	Clean	ref. Oil refelled W/12gt
au	rosh	1	00. x	certify this engine was
in	quela	1 in	de	Japl and gletail by Part 43
a	jude	12	and	was determed tobe safe
_ be	2 gl	1 ×24	v.	
	0			
				lly 2011 187 476540958
			-	

YEAR ————————————————————————————————————	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/116	9 169,	0	169.0	
Cary	18 1	- 30	8-	79 9-79. Oil drawiel and
ser	een r	no	wed a	nd clayed, Oil rig /led w/12
gran	to au	rosh	Al le	Dw. Larty till engene
pen	L Dz	app	under	Dand was determined
1-60	le 1	-01	urio	- Ly cardition.
				Jany Spin Bat 3357142
				Jeffer Till Some

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	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			182.3	Condition inspection the date
0/28/201	<i>p</i>		10010	Comp 1-80 2-79 3-50 4-79 5-79 6-78 7-79 8-80 9-79
				5-29 6-78 7-79 8-80 9-79
				Oil drawed and all screen
				ale a ket il autiliants
				(les shew you wt. all exhaut
				in take and houses ducked
				la sur l'his.
				scutife this unger hand
				scope and detail of Part 43 approlif Dund was deturned
				andie Dund was deturned
				to be in arrivally andition
				101
·				JungShew
				AH3357142

1- Cr cr ch I	rankcase racks an necked, certify the etermine	3-79 4 e refilled d secur OK. his engi	1-80 5-7 d with ity, OK ine has e in ain	79 6-79 7- 12 quarts . Plugs rei	80 8-79 9-80 Aeroshell 100 moved and clopected IAW Pa	. Oil changed : W. Exhaust sy	date. Compression: and screen cleaned. ystem checked for oped. Mag timing ix D and was	erations umber of c entries.)
								9

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
dat and sys gap ma I co wa	te. Compred screen of screen check them check mage made made made made made made made mad	ression: cleaned ked for g timing discrep engine ned to	: 1-79 2-79 I. Crankca: cracks ar g checked ancies not e/propeller	has been inspected IAW Part 43 appendix D and worthy condition.

/EAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
DATE	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
	M 10, 201	2 11222	VC 11-1-1	100.1 = 1 /5 //
	May 18, 201	3 N222	XS Hobbs	192.1 Engine/Propeller Condition inspection this
	date. Compr	ession (	coia: 1-80	2-80 3-80 4-80 5-79 6-79 7-80 8-79 9-80. Oil
	changed and	screer	i cleaned.	Crankcase refilled with 12 quarts Aeroshell 100W.
	Exhaust syst	em che	cked for (	cracks and security, OK. Plugs removed and cleaned
				cked, OK. Propeller inspected IAW the MT
				crepancies noted.
	I certify this	engine	/propeller	has been inspected IAW Part 43 appendix D and
	was determin	ned to I	be in airw	orthy condition.
	// //		12	
	Land)	1111	/	•
	Jany	Mu	/	
	Larry Schlasi	Mu	/	
	Larry Schlasi	Mu	/	
	Larry Schlasi	Mu	/	
	Larry Schlasi	Mu	/	
	Larry Schlasi	Mu	/	
	Larry Schlasi	Mu	/	
	Larry Schlasi	Mu	/	
	Larry Schlasi	Mu	/	

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
ATE	TIME		SERVICE	rectifician of Repair Facility. (See back pages for other specific entries.)
	date. Compound of the changed are Exhaust system and gapped maintenance of the control of the co	oression nd scree stem ch d. Mag to ce manu s engine nined to	cold: 1-2 en cleane ecked fo timing ch ual. No di e/propelle be in air	s 195.1 Engine/Propeller Condition inspection this 80 2-80 3-80 4-80 5-80 6-80 7-80 8-79 9-80. Oil ed. Crankcase refilled with 12 quarts Aeroshell 100W. It cracks and security, OK. Plugs removed and cleaned lecked, OK. Propeller inspected IAW the MT iscrepancies noted. It is been inspected IAW Part 43 appendix D and the rworthy condition.
_	n = 1	r II		
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YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alte	rations
DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Nun Technician or Repair Facility. (See back pages for other specific	nber of
<ul> <li>date.</li> <li>chang</li> <li>Exhau</li> <li>and ga</li> <li>inspect</li> <li>I certification</li> </ul>	Compressing and scale of the compression of the com	on cold reen cle checke g timin he MT gine/pro to be i	d: 1-80 2-7 eaned. Cracked of for cracked maintenar opeller has n airworth	2.4 Engine/Propeller Condition inspection this 79 3-80 4-76 5-80 6-80 7-80 8-79 9-78. Oil ankcase refilled with 12 quarts Aeroshell 100W. ks and security, OK. Plugs removed and cleaned d, OK. Valves adjusted to .012 cold. Propeller nce manual. No discrepancies noted. In the security of	
3					
-					

ī	sober 1, 2016 N222XS Hobbs 205.7 Engine/Propeller Condition inspection date. Compression cold: 1-79 2-79 3-80 4-76 5-79 6-80 7-80 8-79 9-78. Oil nged and screen cleaned. Crankcase refilled with 12 quarts Aeroshell 100W. naust system checked for cracks and security, OK. Plugs removed and cleaned gapped. Mag timing checked, OK. Valves adjusted to .012 cold. Propeller bected IAW the MT maintenance manual. No discrepancies noted. Partify this engine/propeller has been inspected IAW Part 43 appendix D and determined to be in airworthy condition.

<b>-</b>	May 1, 2017 N222XS Hobbs 205.7 Engine/Propeller Condition inspection this date. Compression cold: 1-78 2-79 3-80 4-77 5-79 6-80 7-80 8-79 9-78. Oil changed and screen cleaned. Crankcase refilled with 12 quarts Aeroshell 100W. Exhaust system checked for cracks and security, OK. Plugs removed and cleaned and gapped. Mag timing checked, OK. Valves adjusted to .012 cold. Propeller inspected IAW the MT maintenance manual. No discrepancies noted. I certify this engine/propeller has been inspected IAW Part 43 appendix D and was determined to be in airworthy condition.	)
-	Larry Schlasinger A&P 3357142	
	May 15, 2018 N222XS Hobbs 208.5 TTSN Engine/Propeller Condition inspection this date. Compression cold: 1-78 2-79 3-80 4-77 5-79 6-80 7-80 8-79 9-78. Oil changed and screen cleaned. Crankcase refilled with 12 quarts Aeroshell 100W. Exhaust system checked for cracks and security, OK. Plugs removed and cleaned and gapped. Mag timing checked, OK. Valves adjusted to .012 cold. Propeller inspected IAW the MT maintenance manual. No discrepancies noted. I certify this engine/propeller has been inspected IAW Part 43 appendix D and was determined to be in airworthy condition.	
	Larry Schlasinger A&P 3357142	

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
DATE	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
				Engine
			N	222XS 9/7/18 Hobbs: 205.7
Performed 76/80, #7	pre-buy insp 78/80, #8 76/	ection on 80, #9 76	engine, com 5/80. Tested	apressions were as follows #1 74/80, #2 75/80, #3 76/80, #4 74/80, #5 75/80, #6 and reinstalled sparkplugs. Ran aircraft on ground. Ops and leak checks good
I certify	that this eng	ine has b Fede	ral Aviation A	on work performed only in accordance with current maintenance rules of the Administration and is approved for return to service. wthorne Global Aviation W.O. 17032
		~·		3800 Starr Ave. Fau Claire WI. 54703  Certificate # 1P2704867
		Signed	-asp	Addison Certificate # 1172 101001

Engine N222XS 12/14/18 Hobbs: 216.2  Drained oil tank, cooler and screen sump. Removed and inspected oil screenno metal. Serviced engine with 16 querille Phillips 25W60XC oil. Ran up. Ops and leak checks good.  I certify that this engine has been repaired on work performed only in accordance with current maintenance rules of Federal Aviation Administration and is approved for return to service.  W.O. 17120  Hawthorne Global Aviation 3800 Starr Ave. Eau Claire WI. 54703  Signed  Certificate # APSTRAICO	of	RECORDING TODAY'S TOTAL TIME IN Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of
N222XS 12/14/18 Hobbs: 216.2  Drained oil tank, cooler and screen sump. Removed and inspected oil screen—no metal. Serviced engine with 16 querillips 25W60XC oil. Ran up. Ops and leak checks good.  I certify that this engine has been repaired on work performed only in accordance with current maintenance rules of Federal Aviation Administration and is approved for return to service.  W.O. 17120  Hawthorne Global Aviation 3800 Starr Ave. Eau Claire W1. 54703  Signed  Certificate # Approvious  Certificate # Approvious	<b>1</b>	ian or Banair Eacility / Soo back pages for other enecific entries
N222XS 12/14/18 Hobbs: 216.2  Drained oil tank, cooler and screen sump. Removed and inspected oil screenno metal. Serviced engine with 16 quere Phillips 25W60XC oil. Ran up. Ops and leak checks good.  I certify that this engine has been repaired on work performed only in accordance with current maintenance rules of Federal Aviation Administration and is approved for return to service.  W.O. 17120  Hawthorne Global Aviation 3800 Starr Ave. Eau Claire W1. 54703  Signed  Certificate # APPINGIO		Engine
Drained oil tank, cooler and screen sump. Removed and inspected oil screenno metal. Serviced engine with 16 question Phillips 25W60XC oil. Ran up. Ops and leak checks good.  I certify that this engine has been repaired on work performed only in accordance with current maintenance rules of Federal Aviation Administration and is approved for return to service.  W.O. 17120  Hawthorne Global Aviation 3800 Starr Ave. Eau Claire WI. 54703  Signed  Certificate # APPROJUCY		
Federal Aviation Administration and is approved for return to service.  W.O. 17120  Hawthorne Global Aviation 3800 Starr Ave.  Eau Claire WI. 54703  Signed  Certificate # APPROJUCY	arts of	Drained oil tank, cooler and screen sump. Removed and inspected oil screenno metal. Serviced engine with 16 quar
Federal Aviation Administration and is approved for return to service.  W.O. 17120  Hawthorne Global Aviation 3800 Starr Ave.  Eau Claire WI. 54703  Signed  Certificate # APPRION		
W.O. 17120 Hawthorne Global Aviation 3800 Starr Ave. Eau Claire WI. 54703  Signed  Certificate # Aprilon	f the	I certify that this engine has been repaired on work performed only in accordance with current maintenance rules of
Hawthorne Global Aviation 3800 Starr Ave. Eau Claire WI. 54703  Certificate # APSTIGIO		
3800 Starr Ave. Eau Claire WI. 54703  Signed Certificate # APS WOLOJ		
Signed Certificate # APSTRAIO		
		Simul / // APSILVAL
		Signed Certificate # /// Certificate #

YEAR 2019 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.)
April 19	,2019 /	obbs-	127.0 1	15. Checked compression-#/78/80#2 77/80 #3 77/80
V	#478/80	45 1/8	6 76 18	o 1/ 180 8 100 / 100 Majusted all values
	to .01	2" K	estaced a	Il rocker cover gaskets w/ now solicone. Installed
	18 new	AUSSI	an Spari	k plugs. Changed oil and checked screens ok.
	Added	160/5	Phillips	25 wgo oil. Checked mag timing - AH 14.50
	RH 15°	TASA	reted M	agnetos internally - / whed felts, checked point
	agat in	terna	O timin	9. Replaced, LH mag rotor. Replaced both may
	hi- ten	sion	pencils	. Replaced #1 cylinder w/ new complete assy.
	due to	exha	ust por	+ wear. Installed per Task card. Re-tongued
	all inta	ke a	nd exh	oust Clange + base nuts. Set idle speed and
	mixture	per	Task C	ards. Ground ran + leak chedred. All pormal.
	All we	r/k D	er formed	1 JAW Yakolev 52 Lervice Manual / Task coils
	and F	AR 43	APPD.	This work does not constitute a condition
	inspect	con	121	H 3509009
	,			Aviation LLC Eagle River, WI.

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
DATE	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
				Engine
				Digite
			N2	222XS 7/8/19 Hobbs: 251.6
				ump. Removed, inspected and re-installed oil screen, no metal of 25W60XC oil. Ran up. Ops and leak checks good.
1.00	artify that this	e engine	has been	repaired on work performed only in accordance with current
		and the same of th		Aviation Administration and is approved for return to service.
			Hawth	orne Global Aviation W.O. 17499
				3800 Starr Ave. Eau Claire WI. 54703
			0	0 1 1
	Signe	d	Enge	Certificate # AP 3687881
		9	0	
	1			

YEAR 2019 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.)
August	19,2019	H066	s Reads.	258.6 Hrs. Performed condition inspection this
				date some the supple of and checken
				screens-ok. Added 169ts Phillips 25060. Cleaned
			31	gapped and tested plugs. Checked mag timingusing
				dial indicator - LH 14.5° RH-15° Lubed point fetts Checked compression - #1 79/80 #275/80 #328/60 #47%
				45 78/80 46 7/80 47 78/60 48 78/80 = 979 /80. Installed
				new exhaust downut in # 1 cylinder. Re-turqued
				LH exhaust system, Corrected prop governor arm
				attachment and rigging. Set ipm to correct
				max, and Min. settings. Ground rand leak
				checked. Fractioned normally in all parameters.
				I certify that this Engine has been inspected
			,	JAW the scope + detail of FAR43 Appl and
				was found to be in a condition for safe
				operation // 1/1 A+P 3509009
				Noble Aviation LLC Eagle River, WJ.

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YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
DATE	TIME		SENVICE	Technician or Repair Facility. (See back pages for other specific entries.)
				Engine
			N222	2XS 11/6/19 Hobbs: 269.0
rained oil t	ank, cooler, a	and screer with 16 c	n sump. Rem quarts of Phil	oved, inspected and re-installed oil screen, no metal found. Serviced engine lips 25W60 oil. Ran up, ops and leak check good.
I certify tha		has been Federal	Aviation Adn	work performed only in accordance with current maintenance rules of the ministration and is approved for return to service. orne Global Aviation W.O. 17691 3800 Starr Ave. Eau Claire WI. 54703  Certificate # APY JUNE
	_		-	

## Engine N222XS 05/28/20 Hobbs: 278.1

Drained oil tank, cooler, and screen sump. Removed, inspected and re-installed oil screen, no metal found. Serviced engine with 16 quarts of Phillips 25W60 oil. Ran up, ops and leak check good.

I certify that this engine has been repaired on work performed only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service.

Hawthorne Global Aviation W.O. 17938

3800 Starr Ave.

Eau Claire WI. 54703

Signed Eugene Sahuh Certificate # AP 3687881

SEPTEMBER 25, 2020 HOBBS READS- 320.3 HRS. ACTT421.3 SNEW- 320.3 HRS. PERFORMED CONDITION INSPECTION THIS DATE IAW FAR43 APP D AND YAKOLEV 52 SERVICE MANUAL. CHANGED OIL AND CHECKED ALL SCREENS. ADDED 14 QUARTS PHILLIPS 25W60 OIL. MADE SMALL REPAIR TO MAIN OIL PRESSURE SCREEN. CHECKED MAGNETO TIMING USING DIAL INDICATOR METHOD- BOTH MAGS 16 DEGREES BTC. LUBED POINT FELTS AND PIVOTS. CLEANED CAPS AND ROTORS. CLEANED, GAPPED AND TESTED PLUGS. CHECKED COMPRESSION- ALL WERE 79/80 COLD. NEW STAINLESS STEEL EXHAUST CLAMPS WERE INSTALLED. RE-TORQUED ALL EXHAUST RINGS AND SAFETIED. CLEANED AIR COMPRESSOR FILTER. GROUND RAN AND LEAK CHECKED. PERFORMED NORMALLY IN ALL PARAMETERS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW THE SCOPE AND DETAIL OF FAR43 APP D AND WAS FOUND TO BE IN A CONDITION FOR SAFE OPERATION.

1911

ROGER SHADICK A&P3509009

NOBLE AVIATION L.L.C.

EAGLE RIVER, WI.

YEAR  DATE	RECORDING TACH TIME	TODAY'S FLIGHT	I HAIE IM	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.)
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## Engine N222XS 6/10/21 Hobbs: 357.3

Drained oil tank, cooler, and screen sump. Removed, inspected and re-installed oil screen, no metal found. Serviced engine with 16 quarts of Phillips 25W60 oil. Ran up, ops and leak check good.

I certify that this engine has been repaired on work performed only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service.

W.O. 17938

Hawthorne Global Aviation

3800 Starr Ave.

Signed Certificate # Appropriate Appropria

YEAR ————————————————————————————————————	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	1	i ' i		Engine

Drained oil tank, cooler, and screen sump. Removed, inspected and re-installed oil screen, no metal found. Serviced engine with 16 quarts of Phillips 25W60 oil. Ran up, ops and leak check good.

I certify that this engine has been repaired on work performed only in accordance with current maintenance rules of the Federal Aviation Administration and is approved for return to service.

W.O. 18730

Hawthorne Global Aviation 3800 Starr Ave.

Eau Claire WI. 54703 Certificate # APY >>0101 Signed

/EAR	RECORDING TACH	TODAY'S FLIGHT	GHT TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of		
ATE	TIME		SERVICE	Technician or Repair Faci	ility. (See back pages for other specific entries.)	
Nove inspect 25W LH-1 pivor #4-7 front Insta Perfected	ection this da 60. Cleaned 5 degrees a s. Checked 70/80, #5- 78 oil sump an alled two more omed norma	ate. Char I, gapped Ind RH- Internal I Is/809, #6 Id re-inst Ire EZ He Illy in all App D an	nged oil and dested and tested 16 degrees timing and 5-79/80, #7 alled with neat heating parameters and was four	d checked all oil screens. d plugs. Checked magnet BTC. Cleaned magneto o point gaps. Checked com 7-79/80, #8-79/80, #9-79 lew gaskets. Re-safetied pads on front oil sump an	rs. SNEW- 419.1 hrs. Performed condition No contaminants. Added 16 quarts Phillips o timing with TDC and dial indicator metho contact points and lubed felts and point pression- #1- 79/80, #2- 76/80, #3- 79/80, 0/80. Installed new air pump filter. Remove all intake tubes and tightened as required. Ind nose case. Ground ran and leak checke has been inspected IAW the scope and safe operation.  Eagle River, WI.	
25\	il 14, 2022 H N60. Ground ger Shadick	ran and	l leak checi		ecked screens- ok. Added 14 quarts Phillip Eagle River, WI.	

wo WO_674	Gibson Aviation Services 1400 Indianhead Dr. East - Menomonie, WI 54751 - 7152311836	Engine page 1 of 1	Iterations Jumber of fic entries.)
N222XS TACH: 486.6	AMA/EXPR, UNKNOWN ENG, S/N: ENGINE SN TBD	June 22, 2022	——————————————————————————————————————
Drained oil tank, forward sump and closed/safetied all drain v	<ul> <li>oil screen and oil cooler. Removed screen and inspected, no contaminant alves. Serviced engine with 14qts Phillips X/C 25w60. Ground run, leak che</li> </ul>	ts found. Re-installed screen eck satisfactory.	
With respect to the work performance Aaron Simmons A&P/IA 3592	ormed, this engine is approved for return to service.		
wo WO_746		Engine page 1 of 1	
	Party Asses		
	Gibson Aviation Services - 1400 Indianhead Dr. East - Menomonie, WI 54751 - 7152311836		
and closed/safetied all drain	np, oil screen and oil cooler. Removed screen and inspected, no contaminal valves. Serviced engine with 14qts Phillips X/C 25w60. Ground run, leak of formed, this engine is opproved for return to service.	ants found. Re-installed screen check satisfactory.	

YEAR	RECORDING TACH	TODAY'S FLIGHT	TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of		
DATE	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)		
screens- and test BTC pro .012" co .79/80, # Tightene normally FAR43 A	ok. Added 1 ed plugs. Ch p shaft. Insp ld. Checked 8- 79/80, #9 ed all pushro in all paran	ecked no compression of hose o	Phillips 25\ nagneto timi nagneto poin ssion- #1- 7\ Checked all clamps. Was certify that to to be in a co	hrs. Engine SNEW- 550.1 hrs. Changed oil and checked oil W60. Solder repaired main engine oil screen. Cleaned, gapped ing using dial indicator method. LH- 14.5 and RH- 15.0 degrees hts, gap and internal timing. Lubed point felts. Re-set all valves to 9/80, #2- 78/80, #3- 77/80, #4- 79/80, #5- 79/80, #6- 77/80, #7- I intake and exhaust clamps for tightness. Cleaned air pump filter. Shed engine down. ground ran and leak checked. Performed his engine has been inspected IAW the scope and detail of condition for safe operation.  Eagle River, WI.		