

The Standard Engine Log
SE-2

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P N R A S A - S E - 2



9 781560 273264

Engine Record General Information

Manufacturer ORBK Voronezh Model M14P
Serial K9 812067 Type Certificate Russian

This engine is currently installed in aircraft: _____

Minimum Octane Fuel 100 LL Oil Grade Summer 120 Winter 100
Magneto Time 14 1/2 - 16° Point Setting .002" Firing Order 135792468

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

20 Oct 01

See Russian Logbook for this serial number -
Pg 13 lists accessories installed, Pg 25 is factory
run data with 99% power of 363 H.P. Section 8, 9
& 10 are service and operation data. Engine has been
preserved since mfg. It has not been installed or
operated since it left the factory. Accessories from
MMP, ser# K9032002 were removed after about 100
hours of operation and installed on this engine. Pull
engine through by hand without spark plugs to
charge oil system before starting. Follow manual
procedures for after installation run and maintenance.
Depreservation steps are not necessary.

Only the

YEAR 2001 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.)
20 Oct	New engine,			accessories about 100 hours since new
12/25/02	102.6			Installed loguil on N21527 S/N 9311701. with all original hose and mounts. Ground ops check okay. Service oil with AeroShell 100 non det. Pms Aircraft Service Inc FAA RS RTR641K Ronald K Beard
1/10/02	123.0			oil changed and screen and hoses cleaned refilled w/ AeroShell 100wt Campbell RA 476540938

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4/15/03	141.0		38.4	<p> Conductor inspection performed this date. Oil changed and screen cleaned. Carb adjusted Engine cleaned. Exhaust system checked. </p> <p> A copy of this engine has been inspected in the scope & detail of ATP D Part 143 and was been found to be in airworthy condition. </p> <p> Larry Schasgen ATP 47654093A </p>

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	<p>Condition inspection performed this date. Oil changed & refilled w/Amshell 100w. Screen cleaned. Plugs cleaned & inspected. Valve adjustment set. MTV-3 propeller installed 1AW MT Propeller manual.</p> <p>Just before this engine has been inspected to the scope & detail of Part 43 app D and was determined to be in airworthy condition.</p> <p>Lawrence AIP 476540938</p>

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.)
5/3/05	187.6		85.0	<p>Condition Inspection performed this date. Oil drained and changed w/ Amsoil 100w. Screen cleaned. All compression checked 79/80. Valves greased. Joints greased. Washers installed in the scope detail of Part 43 Sec D and was determined to be in acceptable condition.</p> <p>Jerry Spruill AIP 476540938</p>

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6/1/06	215.0		112.4 TTSN	Condition inspection performed this date. Compression tested -
1-78	2-78	3-79	4-79	5-77 6-78 7-77 8-78 9-79
Values adjusted. Exhaust system checked for integrity. Oil changed and screens cleaned. Refilled w/ Amsoil 150w. Certifying this engine has been inspected IAW part 43 appendix D and was determined to be in satisfactory condition				
				Tom Spurr AIP 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 Inspection performed at this date. Compression - 1-76 2-77 3-75 4-76 5-77
6-75	7-78	8-78	9-77	Values adjusted.
Oil drained from tank, sump & cooler; Screen cleaned Refilled w. Aeroshell 100w. Exhaust rings tightened. I certify this engine has been inspected IAW Part 43 appendix D and was determined to be in airworthy condition				
				Tony Schlegel Part 476540931

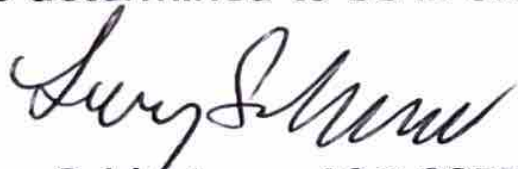
YEAR _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/17/09	169.0		169.0	Condition inspection this date
Compressor -	1-79		2-78	3-79 4-79 5-79
6-78	7-80	8-79	9-79	Oil drained and
screen removed and				cleaned, Oil refilled w/12
quarts Quoshell 100w.				I certify this engine
has been inspected				IAW the scope & detail of
part of appendix D				and was determined
to be in airworthy				condition.
				James M. Pat 3357142

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.)
6/28/2010			182.3	<p>Condition inspection this date Comp 1-80 2-79 3-80 4-79 5-79 6-78 7-79 8-80 9-79 Oil drained and oil screen cleaned. Refilled w/14 quarts Avoshek 90wt. All exhaust in take and hoses checked for leaks.</p> <p>I certify this engine has been inspected in accordance scope and detail of Part 43 appendix D and was determined to be in airworthy condition</p> <p style="text-align: right;"> J. J. Shew AT 3357142 </p>

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.)
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June 1, 2012 N222XS Hobbs 189.4 Engine/Propeller Condition inspection this date. Compression: 1-79 2-79 3-80 4-80 5-79 6-79 7-80 8-79 9-80. 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. 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.

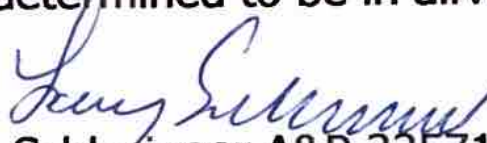


Larry Schlasinger A&P 3357142

YEAR 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.)

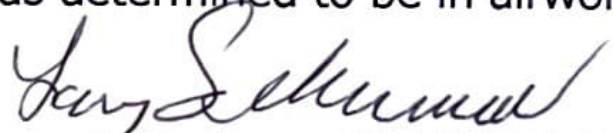
May 1, 2014 N222XS Hobbs 195.1 Engine/Propeller Condition inspection this date. Compression cold: 1-80 2-80 3-80 4-80 5-80 6-80 7-80 8-79 9-80. Oil changed and screen cleaned. Crankcase refilled with 12 quarts Aeroshell 100W. Exhaust system checked for cracks and security, OK. Plugs removed and cleaned and gapped. Mag timing checked, OK. 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 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

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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

IS)

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 Hobbs-	227.0 hrs.		<p>Checked compression - #1 79/80 #2 77/80 #3 77/80 #4 78/80 #5 77/80 #6 77/80 #7 77/80 #8 76/80 #9 75/80. Adjusted all values to .012". Replaced all rocker cover gaskets w/ new silicone. Installed 18 new Russian spark plugs. Changed oil and checked screens ok. Added 16qts Phillips 25W60 oil. Checked mag timing - LH 14.5° RH 15°. Inspected magnetos internally - lubed felts, checked point gap & internal timing. Replaced LH mag rotor. Replaced both mag hi-tension pencils. Replaced #1 cylinder w/ new complete assy. due to exhaust port wear. Installed per Task card. Re-torqued all intake and exhaust flange + base nuts. Set idle speed and mixture per Task cards. Ground ran + leak checked. All normal. All work performed JAW Yakolev 52 Service Manual/Task cards and FAR 43 App D. This work does not constitute a condition inspection.</p> <p><i>[Signature]</i> ATP 3509009 Noble Aviation LLC Eagle River, WI.</p>

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Engine

N222XS 7/8/19 Hobbs: 251.6

Drained oil Tank, cooler, and screen sump. Removed, inspected and re-installed oil screen, no metal found. Serviced engine with 16 quarts of 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 the Federal Aviation Administration and is approved for return to service.

Hawthorne Global Aviation W.O. 17499

3800 Starr Ave.

Eau Claire WI. 54703

Signed Eugene Schul Certificate # AP 3687881

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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	Hobbs Reads	258.6 Hrs.	<p>Performed condition inspection this date JAW FAR43 APPD. Changed oil and checked screens-ok. Added 16qts Phillips 25w60. cleaned, gapped and tested plugs. Checked mag timing using dial indicator - LH 14.5° RH 15°. Lubed point fetts</p> <p>Checked compression - #1 79/80 #2 75/80 #3 78/80 #4 79/80 #5 78/80 #6 79/80 #7 79/80 #8 79/80 #9 79/80. Installed new exhaust downut on # 2 cylinder. Re-torgued LH exhaust system. Corrected prop governor arm attachment and rigging. Set rpm to correct max. and min. settings. Ground ran & leaks checked. Functioned normally in all parameters.</p> <p>I certify that this Engine has been inspected JAW the scope & detail of FAR43 APPD and was found to be in a condition for safe operation.</p> <p><i>[Signature]</i> ATP 3509009 Noble Aviation LLC Eagle River, WI.</p>

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 Schuch Certificate # AP3687881

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.



ROGER SHADICK A&P3509009

NOBLE AVIATION L.L.C.

EAGLE RIVER, WI.

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November 19, 2021 Hobbs Reads- 419.1 hrs. ACTT- 520.1 hrs. SNEW- 419.1 hrs. Performed condition inspection this date. Changed oil and checked all oil screens. No contaminants. Added 16 quarts Phillips 25W60. Cleaned, gapped and tested plugs. Checked magneto timing with TDC and dial indicator method- LH-15 degrees and RH- 16 degrees BTC. Cleaned magneto contact points and lubed felts and point pivots. Checked internal timing and point gaps. Checked compression- #1- 79/80, #2- 76/80, #3- 79/80, #4- 70/80, #5- 78/80, #6- 79/80, #7- 79/80, #8- 79/80, #9- 79/80. Installed new air pump filter. Removed front oil sump and re-installed with new gaskets. Re-safetied all intake tubes and tightened as required. Installed two more EZ Heat heating pads on front oil sump and nose case. 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.


 Roger Shadick A&P3509009

Noble Aviation L.L.C. Eagle River, WI.

April 14, 2022 Hobbs Reads- 447.4 Hrs. Changed oil and checked screens- ok. Added 14 quarts Phillips 25W60. Ground ran and leak checked.


 Roger Shadick A&P3509009

Noble Aviation L.L.C. Eagle River, WI.

