

The Standard Engine Log
SE-2

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Engine Record General Information

Manufacturer _____ Model M-147P (M-14PF)
Serial K9842003 Type Certificate _____
This engine is currently installed in aircraft: N245U
Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____
Magnetto Time _____ Point Setting _____ Firing Order _____
Spark Plug Gap _____
Manufacturer's Recommended Overhaul at _____ hours

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.)
				<p><u>Note:</u> Last Annual Insp. Log Entry for current Engine Installation is located in Previous Russian Log Book. SEE "The Data Book" (ДОПМЯТЯР) "of The Engine" (ЛБНРАТЕРА). SEE pages 183-186.</p> <p>Note for Record - Rutledge Wilson ARP CRA # 3025869</p> <p>New Electronic Tach Installed @ Engine Installation - (RPW) (See Above Log Entry)</p>

YEAR <u>2007</u> 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.)
	35.0			<p>Changed Engine oil + Inspected All screens. - Filled Sump w/ 14 qts Aeroshell Oil 100 Strait Mineral Grade 1 SAE 50 to continue Engine Break-In. - All Leaks OK c/w. -</p> <p style="text-align: right;">R. P. P. A+P cert # 3025869</p>
	65.0			<p>Drained Engine Oil, Reservoir & Engine oil cooler. - Removed & cleaned All screens. - Filled Sump w/ 14 qts Aeroshell W120 oil. All leak checks OK. -</p> <p style="text-align: right;">(cont) →</p>

YEAR 2007 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.)
				(Cont from previous page)
	65.0			<p>Two Vane Assy loose - Tightened + safety vane assy attach Bolts - Removed two Cowl Assy. Adjusted Valves All Intake / Exhaust valves set (.012-.014)</p> <p>Replaced all rocker cover gaskets. Reinstalled cowl, ran engine all leaks + ops ck's g/w. -</p> <p>Note: Ck'd Engine compressions after valve adjustments - as follows -</p> <p>#1 - 78/80 #2 - 76/80 #3 - 78/80 #4 - 76/80 #5 - 78/80 #6 - 79/80 #7 - 76/80 #8 - 78/80 #9 - 78/80</p> <p>PA Puls A+P cert # 3025869</p>

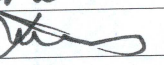
YEAR 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
July 06,	99.5			<p>This Date Drained + Changed Eng Oil - Removed, Inspected, cleaned all screens. - Some Deposits found on supply screen from oil reservoir, result from mineral oil / Break in period. All Eng screens clean. - Filled sump with Aeroshell WIZO oil All leaks ck's g/w. - No defects found.</p> <p>G/w General Insp of Eng, found Bre Alternator housing assy loose. - Removed + Disassembled alternator. Tightened housing plate + Reassembled → Reinstalled. Alternator ops. ck. good. -</p> <p>PA Puls A+P cert # 3025869</p>

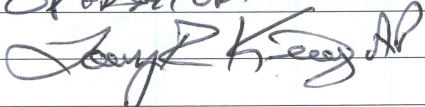
YEAR 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
August 20th	125.0			This Date Changed Engine oil + Inspected oil screens - All Engine Screens clean. Filled Sump w/ 100 Shell W120 oil - All LEAKS OK. - RA Pubs HP Cert # 3025869 BA. -
?	155.0			This Date Changed Engine Oil + Inspected oil screens. - Rained oil cooler loop. - Filled sump w/ Phillips XE 25W-60 oil. Run Engine 4w 15min - no Defects Found - RA Pubs HP Cert # 3025869 BA. -

YEAR 2008 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.)
March 15,				This Date completed 12 month Engine Condition Inspection - As Below.
	Tach - 164.4			
	Hours - 81.2			Inspected Entire Engine for condition, Security of mounting, + installation. All fuel + oil hoses for condition + security. - Inspected Battery for security to fire wall attachment. - Inspected oil screens - no Defects found. Removed + Replaced All spark plugs. C/w Valve Adjustments for all intake + Exhaust valves. - (Set @ .012 - .013) Removed L + R magnetos → Replaced High tension lead in both magnetos - (Connection from coil to distributor cap) Reinstalled mags. - Set point gap + timed both mags to engine @ 17° prop angle. (cont) →

YEAR 2008 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.)
MARCH 15	(CON'T)			NOTE: 17°-18° prop angle = 24°-25° BTC. — Verified the proper grounding of both mags to switches (p leads). C/W all compression cks AB follows: → #1 74/80, #2 75/80, #3 75/80, #4 74/80, #5 76/80, #6 76/80, #7 75/80, #8 74/80, #9 76/80. Run Eng. — All leaks + ops cks c/w — I certify this Aircraft Engine has been inspected IAW 12 month condition inspection and was found to be in Airworthy condition — R. R. R. IAP Certificate # 3025869 IAP

YEAR 08 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 2	189.2			Changed engine oil and inspected screens. Refilled with Aeroshell W120. Run engine, no leaks found. Alex Sank Prvt 3236454

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.)
03.28 2009.	21114		21114	Halt's = 99.6. Conditional inspection completed at this date. Compr. check: #1-74, 2-78, 3-76, 4-77, #5-76, 6-78, 7-77, 8-75, 9-76 all x 80 psi. Cleaned plugs, magnetos - timed. Adjusted valves - Removed all fuel & oil filter's & screen's - OK. Readjusted voltage regulator to 28 v. Replaced all fuel & oil hoses with new, sleeved ones. Retightened all cases nut's, intake, exhaust nut's. All secured. Readjusted carb & governor linkages. Post inspection Run up. OK, no leak's noted. "I certify, that this engine has been inspected in accordance with scope & detail of APP D, CFR, Part 43 and found to be in a condi- tion for safe operation."
				Wh. A  A & P 620885226

YEAR DATE	RECORDING TACH TIME HOBBS	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.)
4-10-11	105.0		21114	CONDITION INSPECTION COMPLETED IAW M-14 SERVICE MANUAL. ALL PORT/ET ITENS COMPLETED. COMPRESSION TEST RESULTS #1 112, #2 106, #3 107, #4 111, #5 116, #6 121, #7 107, #8 105, #9 112. ALL ABOVE MINIMUM PER SERVICE MANUAL. CHANGED OIL CHECKED ALL SCREWS. SERVICED WITH 12 LITERS APU SKEL W/CO. RAN EXHAUST ALL LEAK TEST AND SYSTEMS CHECK GOOD I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL CONDITION AND WAS FOUND TO BE IN A CONDITION FOR SAFE OPERATION.  AP 265704

[illegible]

YEAR 2017 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.)
March 31,	244.86			Completed Annual Condition Inspection per m14-P maintenance manual. - Compressions as follows #1 72/80; #2 75/80 #3 74/80; #4 75/80; #5 73/80; #6 74/80 #7 76/80; #8 76/80; #9 76/80 - Verified Proper Ignition Timing. Checked and rotated spark plugs. Inspected all fuel screens and oil screens. Oil change not due, per owner. - Ran engine + performed all leak checks. No defects found - Inspection completed I saw the scope and detail of part 43 appendix D of FAR and was found to be in condition for safe operation. - R. P. [Signature] AIP cert # 3025869 IA

Sukhoi SU-26
Serial No:

Engine Log Entry

Date: Nov 02, 2020

Engine Model M-14

Hobbs: 114.8

Tach 246.25

TSMOH: 246.25

Maintenance as follows:

C/W Engine operational checks. - Removed, cleaned, gapped, and rotated all spark plugs. Compression Checks as follows. #1 72/80; #2 73/80; #3 74/80; #4 73/80; #5 74/80; #6 74/80; #7 73/80; #8 73/80; #9 72/80. Removed magneto covers. Verified correct point gap. Lubricated wick. Verified correct timing on L&R magneto's to IAW M14-P timing chart for M-9F Magnetos (crankshaft 23+/- 1 deg. -- Prop shaft 15.8 deg BTC) per service manual for geared engine) & maintenance manual procedure. -- C/W complete general inspection of engine. Tightened Intake and exhaust tubes and safety wired. Inspected all engine controls for proper operation and travel including fuel shutoff valve operation. Cleaned and inspected all fuel and gascoaltor screens. Drained firewall header tank of debris. Drained Engine oil, inspected all oil screens and re-safety. Filled oil to proper level with Aeroshell 120. Completed test run of engine. Inspected exhaust manifolds for condition. Inspected and safety many fuel and oil hoses in engine compartment. Inspected engine mount and rubber insulators. All leak checks completed. (rowit) →

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.)

I certify this Aircraft Engine has been inspected IAW 12-month condition inspection IAW the scope and detail of appendix D of Part 43 FAR and was found to be in Airworthy condition.



Rutledge P. Wilson A&P
Certificate # 3025869 IA