

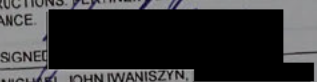
ERA24FA300

INVESTIGATION PHOTOGRAPHS




Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																																																															
TOTALS brought forward from previous page																																																																			
ZEPHYR AIRCRAFT ENGINES INC. 39320 B. Avenue, Zephyrhills FL 33542 (813) 788-3305 FAX (813) 788-4412																																																																			
W.O. No. <u>223218</u>		Dated: <u>May 15, 2024</u>																																																																	
Mfg. <u>Lycoming</u>		Model: <u>O-320-D2B</u>																																																																	
Serial No. <u>L-5364-39</u>		Engine Total Time _____																																																																	
		Time since Major Overhaul. <u>0.00</u>																																																																	
<p>This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts Limits. The Engine was disassembled, cleaned, and inspected in accordance with Manufacturer's instructions. All steel parts magnafluxed, reassembled and test run in accordance with manufacturer's current overhaul manual and in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of these repairs are on file at this agency under the W.O.#223218 listed above. All applicable Airworthiness Directives thru 2024-09 are in compliance. See A.D. list supplied.</p>																																																																			
F.A.A. APPROVED REPAIR STATION #V14R397M																																																																			
Authorized Signature Herman Vollrath																																																																			
<p>Note: New SL-32006+N-A20P cylinder kits installed, with following S/N #'s (1)326N000001887, (2)326N000001900, (3)326N000001888, (4)326N000001892</p>																																																																			
<table border="0" style="width: 100%;"> <thead> <tr> <th colspan="4">Components, Accessories, & Related Parts supplied or installed.</th> <th>Overhauled</th> <th>Repaired</th> <th>Not Repaired</th> </tr> </thead> <tbody> <tr> <td>Fuel Servo/ Carburetor</td> <td>P/N</td> <td>10-3678-32</td> <td>S/N</td> <td>MS19N602</td> <td>Xexch</td> <td></td> </tr> <tr> <td>Fuel Pump</td> <td>P/N</td> <td>I.W.-15472</td> <td>S/N</td> <td>189K30</td> <td>Xexch.</td> <td></td> </tr> <tr> <td>Left Magneto</td> <td>P/N</td> <td>10-600614-1</td> <td>S/N</td> <td>1034004</td> <td>X</td> <td></td> </tr> <tr> <td>Right Magneto</td> <td>P/N</td> <td>10-600644-1</td> <td>S/N</td> <td>A72184</td> <td>X</td> <td></td> </tr> <tr> <td>Starter Motor</td> <td>P/N</td> <td>122NL</td> <td>S/N</td> <td>H-V020012</td> <td>NEW</td> <td></td> </tr> <tr> <td>Alternator</td> <td>P/N</td> <td>SAL12-70</td> <td>SN</td> <td>B2-91005</td> <td></td> <td>X</td> </tr> <tr> <td>Spark Plugs</td> <td>P/N</td> <td>UREM-40E</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ignition Harness</td> <td>P/N</td> <td>10-821471-16 NEW</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Components, Accessories, & Related Parts supplied or installed.				Overhauled	Repaired	Not Repaired	Fuel Servo/ Carburetor	P/N	10-3678-32	S/N	MS19N602	Xexch		Fuel Pump	P/N	I.W.-15472	S/N	189K30	Xexch.		Left Magneto	P/N	10-600614-1	S/N	1034004	X		Right Magneto	P/N	10-600644-1	S/N	A72184	X		Starter Motor	P/N	122NL	S/N	H-V020012	NEW		Alternator	P/N	SAL12-70	SN	B2-91005		X	Spark Plugs	P/N	UREM-40E					Ignition Harness	P/N	10-821471-16 NEW				
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Photograph 1 - Engine overhaul

YEAR: DATE	TACH TIME	TOTAL TIME IN SERVICE	Description of Work Performed: Inspections, Tests, Repairs and Alterations. Entries must contain: Name, Signature, Certificate Number and Kind of Certificate held by the person approving the work (Ref. FAR 43.9 and 43.11). For Repair Stations: Name, Authorized Signature and CRS Number.
			<p>MAKE: PIPER MODEL: PA-28-161 S/N: 28-8016147 REG. NO: N81250 WORK ORDER: 2371-12-2023</p> <p>South Florida Aircraft Maintenance 7014 NE 10TH ST. Pompano Beach, FL 33060 Phone: 561-701-1400</p> <p>DATE: 12/8/23 A/C TSN: 9064.35 TACH: 6133.5</p> <p>Airframe Entries (1) AIRCRAFT TACH TIME: 6133.50 HOBBS: 8074.3... (2) C/W ANNUAL INSPECTION ON THIS AIRCRAFT IAW FAR 43 APPENDIX D USING PA-28-161 MM CH 5 ISP CHECKLIST AS A GUIDE. ALL AD'S ARE CHECKED AND CURRENT TO THIS DATE... (5) REPLACED NLG BEARINGS P/N: LM67048 AND RACES P/N: LM67010-20629 WITH NEW IAW PA-28-161 AMM CH 7-23... (6) REBUILT RH MLG STRUT USING PIPER MLG STRUT REBUILD KIT P/N: TPMS-1. SERVICED WITH 5606 HYDRAULIC FLUID AND NITROGEN TO SPEC. ALL WORK PERFORMED IAW PA-28-161 AMM CH 7-16. OPS CHECK PERFORMED NO DEFECTS NOTED AT THIS TIME... (7) CLEANED CORROSION ON THE O/B SIDE SKIN. TREATED PRIMED AND PAINTED... (8) CLEANED RUST ON AFT FLAP ROD END AND TREATED... (9) REPLACED LOWER COWLING PLATE WITH NEW P/N: 35273-00... (10) INSTALLED NEW FIRE EXTINGUISHER P/N: 2.5 FSAHALOTRON 1 S/N: H02647795... (13) REPLACED NLG TIRE AND TUBE WITH NEW CUSTOMER PROVIDED PARTS IAW PA-28-161 AMM CH 7-23. SERVICED TO SPEC... (15) INSTALLED NEW STARTER CONTACTOR P/N: X81-0030. OPS CHECK GOOD NO DEFECTS NOTED AT THIS TIME... (16) C/W AD 2020-26-16 BY CALCULATING NEW FACTORED HOURS CURRENTLY AT 1758.03. WORK TO BE PERFORMED AT 5000 FACTORED HOURS.</p> <p>MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT AIRFRAME, ENGINE, PROPELLER, AND/OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MM AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE UNDER THIS WORK ORDER AT SOUTH FLORIDA AIRCRAFT MAINTENANCE.</p> <p>DATE: _____ SIGNED:  MICHAEL JOHN IWANISZYN, _____ Work Order: 2371-12-2023 Printed by EBis 3 (datcomedia.com)</p>

Photograph 2 - Annual Airframe inspection

PROP MODEL: 74DM-6-60 PROP S/N: A48718 REG. NO: N81250 WORK ORDER: 2371-12-2023		 South Florida Aircraft Maintenance 701-4 NE 10TH ST. Pompano Beach, FL 33060 Phone: 561-701-1406		DATE: 12/8/2023 A/C TSN: 9084.33 PROP TT: TSPOH: 861.42 TACH: 8133.5	
Prop Entries (4) C/W 100HR INSPECTION ON THIS PROPELLER IAW FAR 43 APPENDIX D USING PA-28-161 AMM INSP CHECKLIST AS GUIDE. AD's CHECKED THROUGH CURRENT ON ATP.					
MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT AIRFRAME, ENGINE, PROPELLER, AND/OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MM AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE UNDER THIS WORK ORDER AT SOUTH FLORIDA AIRCRAFT MAINTENANCE.					
DATE: 12/8/2023		SIGNED: 		Work Order: 2371-12-2023	
		MICHAEL JOHN IWANISZYN, 		Printed by EBis 3 (datcomedia.com)	
		Cost:			
e Since Overhaul		NOTES:			
t Inspection Due					
		Cost:			
Since Overhaul		NOTES:			

Photograph 3 - 100 Hr. inspection of propeller