

Engine Maintenance Records

Log Number: _____

Aircraft Registration Number: _____

Engine Manufacturer: Lycoming

Model: O-540-J3A5D

Serial Number: L-23070-40A

Date Installed on Aircraft: _____

Time Between Overhauls: 2000 hours

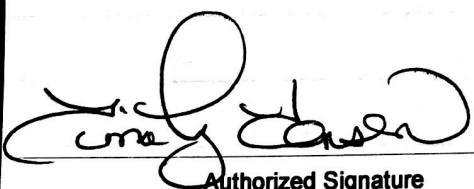

Engine Position: _____

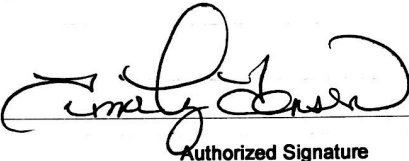

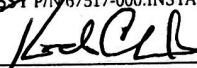
The Power of Experience



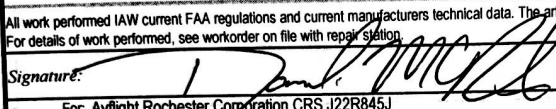

Penn Yan Aero 2499 Bath Road, Penn Yan, New York 14527 U.S.A.
315-536-2333

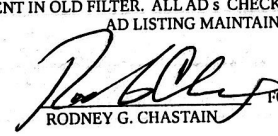
FAA Repair Station: Y2GR396Y
www.PennYanAero.com

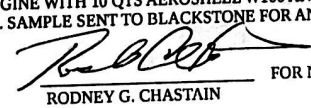
Time since overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 1
		<i>Balance Forward</i>	
		<div><div><p>This is to certify that the engine described hereafter has been overhauled by Penn Yan Aero to new parts tolerances and limits as specified by the manufacturer. Engine disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with data approved by and or acceptable to the FAA. All applicable Airworthiness Directives are in compliance. See A.D. list supplied.</p><p>This engine has been dynamic balanced in accordance with FAA Approved Process Specification AMP-4302.</p><p>Installed new Lycoming P/N: 05K21117 cylinder kits at this time.</p><div> Authorized Signature</div></div><div><div><div>Our WO# 47707-18</div><div>Engine Model O-540-J3A5D</div></div><div><div>Dated 4/9/2018</div><div>Serial Number L-23070-40A</div></div><div><p>This engine has been overhauled to Zero Time Tolerances by Penn Yan Aero</p><div>Previous Time in Service 2459.63</div><div> Penn Yan Aero</div><p>2499 Bath Road, Penn Yan, New York 14527 Telephone: 1-315-536-2333 www.pennyanero.com FAA Approved Repair Station: Y2GR396Y</p></div></div></div>	

Total Time In Service	Since Overhaul	Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 2
			Balance Forward	
			<div><div><div>The accessories listed are either new or were overhauled (as indicated) and supplied with this engine:</div><div><div>Engine Model O-540-J3A5D</div><div><div>Serial Number L-23070-40A</div><div>Our WO# 47707-18</div><div>Invoice Date 4/9/2018</div></div></div><div><div> Authorized Signature</div><div> Penn Yan Aero 2499 Bath Road, Penn Yan, New York 14527 Telephone: 1-315-536-2333 www.pennyanaero.com FAA Approved Repair Station: Y2GR396Y</div></div><div><div>Right Magneto - Part# 10-682560-11</div><div>Left Magneto - Part# N/A</div><div>Injector/Carb - Part# 10-5054-AV</div><div>Fuel Pump - Part# LW-15472</div><div>Starter - Part# 149-NL (New)</div><div>Turbo - Part# N/A</div><div>Controller - 1 - Part# N/A</div><div>Controller - 2 - Part# N/A</div><div>Wastegate - Part# N/A</div><div>Right Magneto - SN# H279902GR</div><div>Left Magneto - SN# N/A</div><div>Injector/Carb - SN# 75113012</div><div>Fuel Pump - SN# 00CU05</div><div>Starter - SN# H-S010536</div><div>Turbo - SN# N/A</div><div>Controller - 1 - SN# N/A</div><div>Controller - 2 - SN# N/A</div><div>Wastegate - SN# N/A</div></div></div></div>	
			<div><div>NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104 AIRCRAFT: N8414Z DATE: 5/16/2018 WO: 13637 TACH & TTIS 2459.6 SMOH 0.0 ENGINE LOG THIS ENGINE REINSTALLED ON N8414Z AFTER MAJOR OVERHAUL BY PENN YAN AERO. ENGINE INSTALLED USING 4 EA. P/N 94011-02 SHOCK MOUNTS AND ALL NEW HARDWARE. REPLACED ALL FLUID HOSES WITH NEW AEROQUIP UNITS SUPPLIED BY SPECIALTY HOSE AEROSPACE CORP. WO 516604. REPLACED ALL VACUUM AND BREATHER SYSTEM HOSES USING MIL-H600 SERIES. REPLACED 3 EA MUFFLER ASSY P/N 67517-000. INSTALLED FACTORY NEW VACUUM PUMP P/N 215CC S/N A67320.</div><div><div> RODNEY G. CHASTAIN</div><div>FOR NAPLES AIR CENTER CRS X04R655M.</div></div></div>	

Balance Forward

			Engine
Reg #: N8414Z	Make: Piper	Model: PA28-236	
AC S/N: 28-8111082	ACTT: 2470.9	Hobbs:	Tach: 2470.9
M/N: O-540-J3A5D	S/N: L-23070-40A	SMOH: 11.3	TSN:
1. Performed engine oil and filter change with new oil filter P/N AA48103-2 and added 9 qts of aeroshell 100 mineral oil. Cut open oil filter with no defects noted. Oil sample collected and sent to Blackstone laboratories for analysis. Performed engine run and leak check satisfactory, no leaks noted.			
All work performed IAW current FAA regulations and current manufacturers technical data. The aircraft is airworthy with respect to the work above.			
For details of work performed, see workorder on file with repair station.			
Signature: 		Date: 05/24/2018	Work Order: 18-00194
For: Avflight Rochester Corporation CRS J22R845J 1205 Scottsville Rd Rochester, NY 14624			

NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104	
AIRCRAFT: N8414Z DATE: 12/03/2018 WO: 13814 TACH & TTIS 2499.5 SMOH 39.9	
ENGINE LOG	
THIS ENGINE WAS INSPECTED I/A/W AN ANNUAL INSPECTION AS PER FAR 43 APPENDIX D USING MANUFACTURERS CHECKLIST AS A GUIDE, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. COMPRESSION: #1-78/80 #2-79/80 #3-78/80 #4-79/80 #5-78/80 #6-78/80. SERVICED ENGINE WITH 12 QT AEROSHELL W100 PLUS AND CH48103-1 FILTER, NO CONTAMINANTS PRESENT IN OLD FILTER. ALL ADS CHECKED FOR AND COMPLIED WITH THROUGH THIS DATE, SEE SEPARATE AD LISTING MAINTAINED WITH AIRCRAFT RECORDS.	
 RODNEY G. CHASTAIN FOR NAPLES AIR CENTER CRS X04R655M.	

NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104	
AIRCRAFT: N8414Z DATE: 4/29/2019 WO: 13896 TACH 2527.7	
ENGINEE LOG	
SERVICED ENGINE WITH 10 QTS AEROSHELL W100 AND AA48103-1 FILTER. NO CONTAMINANTS PRESENT IN OLD FILTER. SAMPLE SENT TO BLACKSTONE FOR ANALYSIS. ENGINE GROUND RUN, NO LEAKS PRESENT.	
 RODNEY G. CHASTAIN FOR NAPLES AIR CENTER CRS X04R655M.	

Totals

AERO ALL RIGHTS RESERVED