
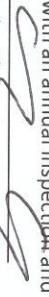


ENGINES

LEFT ENGINE

Left Engine	
09/16/2022	
Hobbs: 1547	
ACTT: 5545.7	
LPropSMO: 534.3	
RPropSMO: 154.3	
RESMO: 154.3	
Complied with an annual inspection in accordance with FAR 43 appendix D.	
Complied with Kelly AD04-25-16R1 (Heat Fuel Shutoff Valve) Complied with Bendix AD76-07-12R1. (Switch) Checked	
all AD's through biweekly 2022-26.	
Compression check: #1 66 #2 75 #3 75 #4 72 #5 62 #6 76/80	
Fuel injector nozzles were removed, cleaned, flow checked and reinstalled. Leak checked OK.	
Engine leak checked OK.	
I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an	
airworthy condition.	
<div> <div> Lawrence Airmotive LLC 603-479-2067 LWMairmotive@outlook.com </div> <div>  </div> <div> Lawrence Municipal Airport 492 Sutton St. N. Andover, MA 01845 </div> </div>	N137JP L&R EngTT: 1919.3 LPropTT: 1862.3 RPropTT: 2367.3 LESMO: 57 LPropSMO: 57 Heater: 2629
<div>  </div>	
Nickolas Flammia AP33395111A	
31	

LEFT ENGINE

YEAR:

10/14/2020

Hobbs: 1513

ACTT: 5511.7

LPropsMO: 500.3

RPropsMO: 120.3

RESMO: 120.3

Complied with an annual inspection in accordance with FAR 43 appendix D.

Complied with Kelly ADO4-25-16R1 (Heat Fuel Shutoff Valve) Complied with Bendix AD76-07-12R1. (Switch) Checked all AD's through biweekly 2020-18.

Compression check: #1 70 #2 68 #3 71 #4 60 #5 62 #6 70/80

Removed and replaced induction drain.

Secured and loctied #1 cyl exhaust stud.

Removed and replaced induction filter.

Fuel injector nozzles were removed, cleaned, flow checked and reinstalled. Leak checked OK.

Complied with oil and filter change. Engine was serviced with 11qts of Aeroshell 15w/50 and a new CH48108-1 filter. Engine leak checked OK.

I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Lawrence Airmotive LLC

603-479-2067

LWMAirmotive@outlook.com



Lawrence Municipal Airport

492 Sutton St.

N. Andover, MA 01845

N137JP

air

L&R EngTT: 1885.3

LPropTT: 1828.3

RPropTT: 2333.3

LESMO: 23

LPropsMO: 23

Heater: 2618

Complied with Bendix AD76-07-12R1. (Switch) Checked

Nickolas Flammia AP33395111A

30

YEAR:

LEFT ENGINE

DATE

10/14/2019

Hobbs: 1490

ACTT: 5488.7

LPropSMO: 477.3

RPropSMO: 97.3

RESMO: 97.3

Complied with an annual inspection in accordance with FAR 43 appendix D.

Complied with Kelly AD04-25-16R1 (Heat Fuel Shutoff Valve) Complied with Bendix AD76-07-12R1. (Switch) Checked

all AD's through biweekly 2019-18.

Compression check. #1 79 #2 78 #3 79 #4 79 #5 79 #6 78/80

Engine was reinstalled after overhaul at Aerotec Engines wo #14208. Engine was serviced with 11qts of Phillips

20W/50 Mineral and a new CH48108-1 filter. Installed with new Lord engine shock mounts and hardware. All fluid

hoses were replaced with new, leak checked OK. Engine was ran up, all engine parameters set and appeared normal.

Reinstalled propeller after overhaul at Sensenich Propeller, installed with new seal, function checked OK.

I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an

airworthy condition.

Lawrence Airmotive LLC
603-479-2067
LWMAirmotive@outlook.com



Lawrence Municipal Airport
492 Sutton St.
N. Andover, MA 01845

N137JP

L&R EngTT: 1862.3

LPropTT: 1805.3

RPropTT: 2310.3

LESMO: 0

LPropSMO: 0

Heater: 2595

Nickolas Flammia AP3339511A

pair

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				

This is to certify that the engine described hereafter has been overhauled to meet manufacturer's specifications by Aerotec Engines Limited AMO#6-96. Engine disassembled, cleaned, inspected and reassembled in accordance with Aerotec Engines approved procedures. A performance inspection run and initial break-in was conducted in a precision test cell and this engine meets all design criteria. A description of all work performed is on file at this agency. A complete Parts List, Record of Accessories and list of all AD's embodied are attached to the rear cover of this book.

MAKE	TCM	W.O. #	14208
MODEL	IO-520-CB	T.S.O.	0-hrs
SERIAL #	298715-R	T.T	Unknown. 1862.3-hrs on last O/H.



AEROTEC ENGINES LIMITED
740 Windgate Drive
Beaver Bank, NS, B4G 0A6
902-873-3100

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Authorized Signature

Date

Lic. Stamp



[illegible]

RIGHT ENGINE

RIGHT ENGINE

10/14/2020
Hobbs: 1513
ACTT: 5511.7
LPropSMO: 500.3
RPropSMO: 120.3
RESMO: 120.3

Lawrence Airmotive LLC
603-479-2067



Lawrence Municipal Airport N137JP
492 Sutton St. L&R EngTT: 1885.3
N. Andover, MA 01845 LPropTT: 1828.3

L&R EngTT: 1885.3
LPropTT: 1828.3
RPropTT: 2333.3
LESMO: 23
LPropSMO: 23
Heater: 2618

Complied with an annual inspection in accordance with FAR 43 appendix D.
Complied with Kelly AD04-25-16R1 (Heat Fuel Shutoff Valve) Complied with Bendix AD76-07-12R1. (Switch) Checked
all AD's through biweekly 2019-18.
Compression check. #1 60 #2 70 #3 62 #4 76 #5 60 #6 74/80
Removed and replaced induction filter with new.
Fuel injector nozzles were removed, cleaned, flow checked and reinstalled. Leak checked OK.
Complied with oil and filter change. Engine was serviced with 11qts of Aeroshell 15w/50 and a new CH48108-1 filter.
Engine leak checked OK.
I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an
airworthy condition.

Nickolas Flammia AP3339511A

Right Engine

08/18/2021
Hobbs: 1540
ACTT: 5538.7
LPropSMO: 527.3
RPropSMO: 147.3
RESMO: 147.3

Lawrence Airmotive LLC
603-479-2067
Airmotive@outlook.com



Lawrence Municipal Airport N137JP
492 Sutton St. L&R EngTT: 1912.3
N. Andover, MA 01845 L&R PropTT: 1855.3

L&R EngTT: 1912.3
LPropTT: 1855.3
RPropTT: 2360.3
LESMO: 50
LPropSMO: 50
Heater: 2622

Complied with an annual inspection in accordance with FAR 43 appendix D.
Complied with Kelly AD04-25-16R1 (Heat Fuel Shutoff Valve) Complied with Bendix AD76-07-12R1. (Switch) Checked
all AD's through biweekly 2021-26.
Compression check. #1 64 #2 60 #3 69 #4 64 #5 66 #6 67/80
Removed and replaced induction filter with new.
Fuel injector nozzles were removed, cleaned, flow checked and reinstalled. Leak checked OK.
Complied with oil and filter change. Engine was serviced with 11qts of Aeroshell 15w/50 and a new CH48108-1 filter.
Engine leak checked OK.
I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an
airworthy condition.

Nickolas Flammia AP3339511A

Right Engine

09/16/2022
Hobbs: 1547
ACTT: 5545.7
LPropSMO: 534.3
RPropSMO: 154.3
RESMO: 154.3

Lawrence Airmotive LLC
603-479-2067
Airmotive@outlook.com



Lawrence Municipal Airport N137JP
492 Sutton St. L&R EngTT: 1919.3
N. Andover, MA 01845 LPropTT: 1862.3

L&R EngTT: 1919.3
LPropTT: 1862.3
RPropTT: 2367.3
LESMO: 57
LPropSMO: 57
Heater: 2629

Complied with an annual inspection in accordance with FAR 43 appendix D.
Complied with Kelly AD04-25-16R1 (Heat Fuel Shutoff Valve) Complied with Bendix AD76-07-12R1. (Switch) Checked
all AD's through biweekly 2022-26.
Compression check. #1 74 #2 72 #3 73 #4 77 #5 79 #6 76/80
Fuel injector nozzles were removed, cleaned, flow checked and reinstalled. Leak checked OK.
Complied with oil and filter change. Engine was serviced with 11qts of Aeroshell 15w/50 and a new CH48108-1 filter.
Engine leak checked OK.
I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an
airworthy condition.

Nickolas Flammia AP3339511A

05/12/2023
Hobbs: 1548

Lawrence Airmotive LLC
603-479-2067
Airmotive@outlook.com



Lawrence Municipal Airport N137JP
492 Sutton St.
N. Andover, MA 01845

Reinstalled propeller after repair at Sensenich Propeller Service.
Removed engine driven fuel pump and fuel servo, sent to D&G Supply for overhaul, reinstalled and fuel pressures set.

Nickolas Flammia AP3389511

Date _____

Totals – Carry Forward

	Description of Work Performed	Tach or Description	Total Time Clock
	<p>RIGHT ENGINE 05/20/2017 Hobbs: 1431.5 ACTT: 5429.8 LPropSMO: 418.4 RPropSMO: 38.4 RESMO: 38.4 Complied with an annual inspection in accordance with FAR 43 appendix D. Complied with Kelly AD04-25-16R1 (Heat Fuel Shutoff Valve) Complied with Bendix AD76-07-12R1. (Switch) Checked all AD's through biweekly 2017-08. Compression check. #1 70 #2 72 #3 70 #4 75 #5 70 #6 78 Complied with oil and filter change. Engine was serviced with 11qts of Aeroshell 15w/50 and a new CH48108-1 filter. Engine leak checked OK. Repaired exhaust leak on left bank. Repaired fuel drain in right cowl. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;"> Nickolas Flammia AP3339511A </p>	<p> Lawrence Airmotive LLC 603-479-2067 LWMAirmotive@outlook.com </p> <p> Lawrence Municipal Airport 492 Sutton St. N. Andover, MA 01845 </p> <p> N137JP L&R EngTT: 1803.4 LPropTT: 1746.4 RPropTT: 2251.4 Heater: 2575 </p>	
	<p>RIGHT ENGINE 07/18/2017 Tach: 1438 Removed and replaced Parker vacuum pump pn: 442cw-12with overhauled unit, installed with new Gasket. Function and leak checked OK.</p> <p style="text-align: right;"> Nickolas Flammia AP3339511 </p>	<p> Lawrence Airmotive LLC 603-479-2067 LWMAirmotive@outlook.com </p> <p> Lawrence Municipal Airport 492 Sutton St. N. Andover, MA 01845 </p> <p> N137JP </p>	
	<p>RIGHT ENGINE 06/05/2018 Hobbs: 1464 ACTT: 5462.7 LPropSMO: 451.3 RPropSMO: 71.3 RESMO: 71.3 Complied with an annual inspection in accordance with FAR 43 appendix D. Complied with Kelly AD04-25-16R1 (Heat Fuel Shutoff Valve) Complied with Bendix AD76-07-12R1. (Switch) Checked all AD's through biweekly 2018-08. Compression check. #1 60 #2 60 #3 70 #4 70 #5 70 #6 70/80 Removed and replaced induction filter with new. Fuel injector nozzles were removed, cleaned, flow checked and reinstalled. Leak checked OK. Complied with oil and filter change. Engine was serviced with 11qts of Aeroshell 15w/50 and a new CH48108-1 filter. Engine leak checked OK. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;"> Nickolas Flammia AP3339511A </p>	<p> Lawrence Airmotive LLC 603-479-2067 LWMAirmotive@outlook.com </p> <p> Lawrence Municipal Airport 492 Sutton St. N. Andover, MA 01845 </p> <p> N137JP L&R EngTT: 1836.3 LPropTT: 1779.3 RPropTT: 2284.3 Heater: 2595 </p>	
	<p>RIGHT ENGINE 10/14/2019 Hobbs: 1490 ACTT: 5488.7 LPropSMO: 477.3 RPropSMO: 97.3 RESMO: 97.3 Complied with an annual inspection in accordance with FAR 43 appendix D. Complied with Kelly AD04-25-16R1 (Heat Fuel Shutoff Valve) Complied with Bendix AD76-07-12R1. (Switch) Checked all AD's through biweekly 2019-18. Compression check. #1 70 #2 72 #3 74 #4 76 #5 72 #6 76/80 Removed and replaced induction filter with new. Removed and replaced vacuum pump with new. Removed and replaced exhaust on right bank with new. Fuel injector nozzles were removed, cleaned, flow checked and reinstalled. Leak checked OK. Complied with oil and filter change. Engine was serviced with 11qts of Aeroshell 15w/50 and a new CH48108-1 filter. Engine leak checked OK. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;"> Nickolas Flammia AP3339511A </p>	<p> Lawrence Airmotive LLC 603-479-2067 LWMAirmotive@outlook.com </p> <p> Lawrence Municipal Airport 492 Sutton St. N. Andover, MA 01845 </p> <p> N137JP L&R EngTT: 1862.3 LPropTT: 1805.3 RPropTT: 2310.3 LESMO: 0 LPropSMO: 0 Heater: 2595 </p>	

N137JP



Port City Air, Inc.

Phone: 603 430 1111 Toll Free: 888 732 7324

fax: Maintenance and Avionics 603 430 1199, fax: Operations 603-776-0266

1/8/2016 Hobbs 1402.7 TT 5402.7 N137JP Beech 58 Baron S/N TH-1322 W/O 7018

R/H Engine IO-520-CB S/N 298716-R SMOH 12.7 TTE 1777.7

CW CMI SID 97-3G utilizing Model 20ATM-C Porta Test Unit P/N 630045-20; S/N 670; Calibrated 4/20/15.

Metered fuel pressure 16.8 PSI @ high RPM; adjusted idle to 650 RPM & idle mixture.

Adjusted prop governor to 2650 RPM.

C/W general look over of engine install.

The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturers recommendations and is approved for return to service.

Authorized Signature **Richard Ruel**

Totals – Carry Forward

Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 2								
				<p><i>Balance Forward</i></p> <p>The accessories listed are either new or were overhauled (as indicated) and supplied with this engine:</p> <table border="1"> <thead> <tr> <th>Serial Number</th> <th>Our WO#</th> <th>Invoice Date</th> <th>Engine Model</th> </tr> </thead> <tbody> <tr> <td>298716-R</td> <td>40950-14</td> <td>2/13/2015</td> <td>IO-520-CB</td> </tr> </tbody> </table> <p><i>[Signature]</i> Authorized Signature</p> <p>Penn Yan Aero Penn Yan Aero 2499 Bath Road, Penn Yan, New York 14527 Telephone: 1-315-536-2333 www.pennyanaero.com FAA Approved Repair Station: Y2GR396Y EASA 145.5936</p>	Serial Number	Our WO#	Invoice Date	Engine Model	298716-R	40950-14	2/13/2015	IO-520-CB	
Serial Number	Our WO#	Invoice Date	Engine Model										
298716-R	40950-14	2/13/2015	IO-520-CB										
	<p>RH Engine 03/16/15 Hobbs 1390 Acft TT 5390 LH Prop SMOH 380 RH Prop SMOH 0 Engine reinstalled after major overhaul at Penn Yann Aero. Engine operation, run up and leak checked OK. Complied with annual inspection 1A/W FAR43 App. D. Complied with Kelly AD04-25-16R1 (Heat Fuel Shutoff Valve) (Switch) Checked all AD's through biweekly 2015-05. Serviced with 12qts of Phillips 20w/50 mineral oil. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p><i>[Signature]</i> Nickolas Flammia AP3339511A</p>	<p>RH Engine 03/16/15 Hobbs 1393.1 Acft TT 5393.1 Reset cylinder 6 pushrod tube. Adjusted fuel mixture.</p>	<p>RH Engine 03/16/15 Hobbs 1393.1 Acft TT 5393.1 Retouqued propeller governor oil supply lock nut. Leak checked OK.</p>	<p>Lawrence Airmotive Lawrence Municipal Airport N. Andover, Ma. 01845</p> <p><i>[Signature]</i> Nickolas Flammia AP3339511</p>	<p>N137JP L&R Engine TT 1765 Heater Hobbs 2571 LH Prop TT 1708 RH Prop TT 2213</p>								
				<p>Right Magneto - Part# BL-349350-5 Left Magneto - Part# BL-349350-4 Injector/Carb - Part# 629904-2 Fuel Pump - Part# 649052A4 Starter - Part# ES646275-1 Turbo - Part# N/A Controller - 1 - Part# N/A Controller - 2 - Part# N/A Wastegate - Part# N/A</p> <p>Right Magneto - SN# F14LA203R Left Magneto - SN# F14LA183R Injector/Carb - SN# A249619AR Fuel Pump - SN# A249614BR Starter - SN# H-O101706 Turbo - SN# N/A Controller - 1 - SN# N/A Controller - 2 - SN# N/A Wastegate - SN# N/A</p>									
				<p>Lawrence Airmotive Lawrence Municipal Airport N. Andover, Ma. 01845</p> <p><i>[Signature]</i> Nickolas Flammia AP3339511</p>									
				<p>Lawrence Airmotive Lawrence Municipal Airport N. Andover, Ma. 01845</p> <p><i>[Signature]</i> Nickolas Flammia AP3339511</p>									

Engine Maintenance Records

Log Number: _____

Aircraft Registration Number: _____

Engine Manufacturer: Lycoming

Model: IO-520-CB

Serial Number: 298716-R

Date Installed on Aircraft: _____

Time Between Overhauls: 1700 hours

Engine Position: _____

The Power of Experience



Penn Yan Aero 2499 Bath Road, Penn Yan, New York 14527 U.S.A.

315-536-2333

Repair Station Approval

FAA: Y2GR396Y

EASA: 145.5936

www.PennYanAero.com