## ENGINES LEFT ENGINE

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Nickolas Flammia AP3339511IA	I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.	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.	Fuel injector nozzles were removed, cleaned, flow checked and reinstalled. Leak checked OK.		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	RESMO: 154.3	RPropSMO: 534.3  RPropSMO: 154.3  LESMO: 57	Left Engine  09/16/2022  Lawrence Airmotive LLC  Hobbs: 1547  ACTT: 5545.7  LWMAirmotive@outlook.com  Left Engine  Lawrence Municipal Airport  N. Andover, MA 01845  LPropTT: 1862.3

LEFT ENGINE  10/14/2020  Lawrence Airmotive LLC  603-479-2067  ACTT: 5511.7  LVMAirmotive@outlook.com  RPropSMO: 500.3  RPropSMO: 120.3  RESMO: 120.3  RESMO: 120.3  Complied with All pack of the seek #1 70 #2 68 #3 71 #4 60 #5 62 #6 70/80  Removed and replaced induction filter.  Fuel injector nozzles were removed, cleaned, flow checked ow.  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 Lawrence Municipal Airport  10/14/2020  10/15 1885.3  LAR RENGT: 1885.3  RPOPT: 1828.3  RPOPT: 1228.3  RPOPT: 1828.3  R

ed with Name, Rating and Certificate Number of Technician or Res for other specific entries.)  run with an  AEROTEC ENGINES LIMITED  740 Windgate Drive  Beaver Bank, NS, B4G 0A6	la l	VEAR:  TACH TACH TIME  RECORDING TACH TIME IN SERVICE  Retries must be en Facility. (See back Ander: New Rings installed in all cylinders. Engine must approved mineral oil for the next 50 hours.  Engine must Facility. (See back Anders: Engine must approved mineral oil for the next 50 hours.	
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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
DATE				Facility. (See back pages for other specific entries.)
	his is to certif	y that the	engine des	This is to certify that the engine described hereafter has been overhauled to meet manufacturer's
S	pecifications b	oy Aerote	c Engines L	specifications by Aerotec Engines Limited AMO#6-96. Engine disassembled, cleaned,
=	nspected and	reassem	bled in accor	inspected and reassembled in accordance with Aerotec Engines approved procedures. A performance
<u></u>	າspection run	and initia	I break-in wa	inspection run and initial break-in was conducted in a precision test cell and this engine meets all design
C	riteria. A desc	cription o	f all work pe	criteria. A description of all work performed is on file at this agency. A complete Parts List, Record of
	Accessories a	and list of	all AD's em	Accessories and list of all AD's embodied are attached to the rear cover of this book.
2	MAKE TO	TCM		W.O.# 14208
7	MODEL IC	IO-520-CB	ω	T.S.O. 0-hrs
S	SERIAL # 298715-R	)8715-R		T.T Unknown. 1862.3-hrs on last O/H.
	1	h	0	AEROTEC ENGINES LIMITED
	1	1	7	740 Windgate Drive
	E D C	gınes	es	Beaver Bank, NS, B4G 0A6
1	he maintenance	describe	d above has b	The maintenance described above has been performed in 902-873-3100
D ë	accordance with the applic Authorized Signature	the applications	able standard	accordance with the applicable standards of airworthiness.  Authorized Signature  AEL  Date 56772 1/19 Lic. Stamp
2			1	' "

DATE LE CONTROL LE CON
TIME  TIME  TIME  TIME  TIME  TIME  TIME  FLIGHT  THE IN  SERVICE  Facility. (Se  Facility. (Se)  Facility. (Se  Facility. (Se  Facility. (Se)  Facility. (Se  Facility. (Se)
FLIGHT  FLIGHT  LV  Oved and s
Lawrence  Lawrence  WMAirmotive sent to Aerota
TIME IN SERVICE  Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair  Facility. (See back pages for other specific entries.)  Lawrence Airmotive LLC 603-479-2067 603-479-2067 LWMAirmotive@outlook.com  d sent to Aerotec Engines for  Nicketas Flammia AP3339511  Description of Inspections, Tests, Repairs and Alterations  Facility. (See back pages for other specific entries.)  Lawrence Municipal Airport 492 Sutton St.  N. Andover, MA 01845

## RIGHT ENGINE

RIGHT ENGINE 10/14/2020 Lawrence Airmotive LLC Lawrence Municipal Airport Hobbs: 1513 603-479-2067 492 Sutton St. L&R EngTT: 1885.3 ACTT: 5511.7 LWMAirmotive@outlook.com N. Andover, MA 01845 LPropSMO: 500.3 RPropSMO: 120.3 RESMO: 120.3 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 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 AP3339511IA **Right Engine** 08/18/2021 Lawrence Airmotive LLC Lawrence Municipal Airport Hobbs: 1540 603-479-2067 492 Sutton St. L&R EngTT: 1912.3 ACTT: 5538.7 LWMAirmotive@outlook.com LPropTT: 1855.3 N. Andover, MA 01845 LPropSMO: 527.3 RPropTT: 2360.3 RPropSMO: 147.3 RESMO: 147.3 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 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 AP33395111A **Right Engine** 09/16/2022 Lawrence Airmotive LLC **Lawrence Municipal Airport** Hobbs: 1547 603-479-2067 L&R EngTT: 1919.3 492 Sutton St. ACTT: 5545.7 N. Andover, MA 01845 LWMAirmotive@outlook.com LPropTT: 1862.3 LPropSMO: 534.3 RPropSMO: 154.3 Complied with an annual inspection in accordance with FAR 43 appendix D.

Heater: 2629 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 AP3339511IA a e ii. 05/12/2023 Lawrence Airmotive LLC N137JP Lawrence Municipal Airport Hobbs: 1548 603-479-2067 492 Sutton St. LWMAirmotive@outlook.com 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

N137JP

LPropTT: 1828.3

RPropTT: 2333.3

LPropSMO: 23

Heater: 2618

LESMO: 23

N137JP

LESMO: 50

N1371P

RPropTT: 2367.3

LESMO: 57 LPropSMO: 57

LPropSMO: 50

Heater: 2622

Totals - Carry Forward

RIGHT ENGINE

05/20/2017 Hobbs: 1431.5 ACTT: 5429.8

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



**Lawrence Municipal Airport** 

N137JP L&R EngTT: 1803.4

492 Sutton St. N. Andover, MA 01845

LPropTT: 1746.4 RPropTT: 2251.4

Heater: 2575

N137JP

N137JP

L&R EngTT: 1836.3

LPropTT: 1779.3

RPropTT: 2284.3

Heater: 2595

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.

Nickolas Flammia AP333951TIA

RIGHT ENGINE

07/18/2017 Tach: 1438

Lawrence Airmotive LLC 603-479-2067

LWMAirmotive@outlook.com

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

Lawrence Airmotive LLC

LWMAirmotive@outlook.com

**Lawrence Municipal Airport** 492 Sutton St.

N. Andover, MA 01845

492 Sutton St.

Lawrence Municipal Airport

N. Andover, MA 01845

442cw-12with overhauled unit, installed with

Removed and replaced Parker vacuum pump pn: new Gasket. Function and leak checked OK.

Nickolas Flammia AP3339511

RIGHT ENGINE

06/05/2018 Hobbs: 1464

ACTT: 5462.7

LPropSMO: 451.3

RPropSMO: 71.3

RESMO: 71.3

603-479-2067

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.

Nickolas Flammia AP3339511IA

RIGHT ENGINE

10/14/2019 Hobbs: 1490 ACTT: 5488.7

LPropSMO: 477.3

RPropSMO: 97.3 **RESMO: 97.3** 

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

Complied with an annual inspection in accordance with FAR 43 appendix D. Heater: 2595

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

Performed

Tach

Fotal 7

airworthy condition.

Nickolas Flammia AP33395111A

**RH** Engine 05/16/15

Hobbs 1393.1 Acft TT 5393.1

Lawrence Airmotive Lawrence Municipal Airport N. Andover, Ma. 01845

N137JP

Adjusted gear warning on fuel servo. Tested OK.

Nickolas Flammia AP3339511



Port City Air, Inc.

104 Grafton Drive Portsmouth New Hampshire 03801
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
C/W C/MI SID 97-3G utilizing Model 20ATM-C Porta Test Unit P/N 630045-20; S/N 670; Calibrated 4/20/15.
Meteored fuel prosequent 16.8 RSI @ high PDM: delirated diluted (500 RSM: a little printing).

Metered fuel pressure 16.8 PSI @ high RPM; adjusted idle to 650 RPM & idle mixture. Adjusted prop governor to 2650 RPM.

CW 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

Description of Work Perfor Certificate Number & Signature of Technici.	Balance Forward Complexesion: #17316	270/0 H372/6 H470/6 H570/6 H673/6, CLCM MS GAP ML SPACK	ENGS. CLOTE THE FREE NOTZLES. CHECK MAS LUBE ME CONTROLS	ESET IDLE , REPLACED INTAKE FILTER BAT 705. alw AD 91-	5-30 ON ENGINE MOUNT 1/M AD > 582363E1 120000: 1510.16.	1715 INSPECTION MUS ROUTINE MAINTANNOS PREPERSO INW	51-0300		INSPECTE AN ANDWASDETERMINED TO BE IN AIR WORTHY CONDITION"	HARRINGTON HAMILTON	AP34829211A	2002 1 3 9500 400 100 100 (305)	208 19 hilly 20-50 Mins 150/20			Totals – Carry Forward
Tach or Recording Meter Time	1410.6	570/10 H	7 NO2	CA INT	5- 1Me	RUDTIN	M-555-	14 Wh				14/3.1	1428,5			
Total Time Since Overhaul	30.6	4 70/5 H	m Fi	Repun	UE MOU	C MUS	Beech S/4PMM00 M AFSS- 0000-13					22,5	38,5	27		
Total Time In Service	1785.6	373/BH	Cucho	10cms.	(19ME)	SPECTION	61/2PW									
Date	NAR	270/00 H	:065.	ESET	-30 OK	H15 110	Scali					15/2016	5/20/6			

ge: 2														3	PREJUTS RENDENTLY	
Page:		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		N137JP			N137JP	
Description of Work Performed Certificate Number & Signature of Technician Performing Work		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		motive nicinal Aimort	Ma. 01845	ia AP3339511	ve al Airport 01845 .eak checked OK.	P7730517
Description Icate Number & Signal		r were with this engine:		Invoice Date 2/13/2015			e [2	100	v York 14527 2333	om Y2GR396Y		Lawrence Airmotive		Nickolas Flammia AP3339511	RH Engine 03/16/15 Hobbs 1393.1 Acft TT 5393.1 N. Andover, Ma. 01845 Retouqued propeller governor oil supply lock my. Leak checked OK.	Nickolas Flammia AP3330514
Certif		The accessories listed are either new or were overhauled (as indicated) and supplied with this engine:	Engine Model IO-520-CB	Our WO# 40950-14		La L	Authorized Signature	PENN TAN ALKU 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		ine 5 303.1	Acft TT 5393.1 Reset cylinder 6 pushrod tube.	Adjusted fuel mixture.	.1 3.1 ropeller governor o	12
	Balance Forward	The accessories list overhauled (as ind		Serial Number 298716-R		Jan			2499 Bath	FAA Appr		RH Engine 03/16/15 Hobbs 1303 1	Acft TT 5393.1 Reset cylinder (	Adjusted	- RH Engine 1 03/16/15 Hobbs 1393.1 Acft TT 5393.1 Retouqued prop	
Tach or Recording Meter Time	ĺ	RH E					wrence					1.0.1	2 Engi	N137J		
Total Time Since Overhaul		LH Pr RH Pr	T 5390 op SMC	OH 380 OH 0	er majo	N. A	Andove	r, Ma. (	l Airpor )1845 .nn Aero			ŀ	leater LH Pr	ne TT 17 Hobbs 25 op TT 17 op TT 22	571 708	
Total Time In Service		Engin Comp Comp (Swite	e operated with the child with the c	tion, rur th annua th Kelly cked all	up and Il inspec AD04- AD's t	Heak cleation 1/3 25-16R hrough	necked VW FA 1 (Heat biweek	OK. R43 A Fuel S ly 2015 eral oil	pp. D. hutoff \ 5-05.	/ɛlve)Co				AD76-01		
Date		I certi	fy that t	this eng condition	ine was	inspect	ed in a	ccordar	ice with ₹3395∏	7	l insp	ection a	nd wa	s determi	ned to be in	

Page: 1		Dated 2/13/2015	Serial Number 298716-R	The smilling has han avasticated to Zeen Timo Telerance to	Penn Yan Aero Previous Time in Service	YAN AERO	Penn Yan Aero 2499 Bath Road, Penn Yan, New York 14527	Telephone: 1-315-536-2333 www.pennyanaero.com	EASA 145.5936	a a		COPTIGORES 2004 BLASSA AN URGA SELEKBERNIN RALIO
Description of Work Performed ber & Signature of Technician Performi		Our WO# 40950-14	Engine Model IO-520-CB	The parting hoe been over!	Pen Pervious	PENN	Peni 2499 Bath Road, Po	Telephone www.pe	EAS			al colorado
Description of Work Performed Certificate Number & Signature of Technician Performing Work	Balance Forward	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,	data approved by and or acceptable to the FAA. All applicable Airworthiness Directives are in compliance. See A.D. list supplied.	This engine has been dynamic balanced in accordance with FAA Approved Process Specification AMP-4302.	Installed new Continental P/N: EQ6989 cylinder kit at this time. Serial numbers: AC14LA854, AC14LA940, AC14LA763, AC14LA742, AC14LA797, & AC14LA832.			Authorized Signature			Totals – Carry Forward
Tach or Recording Meter Time												
ime se iaul												
Total Time Since Overhaul		-										
Total Time Sinc In Service Overh												

## Engine Maintenance Records

Log Number:	
Aircraft Registration Number:	
Engine Manufacturer: Lycoming	8
Model: 10-520-CB	
Serial Number: 298716 - R	
Date Installed on Aircraft:	
Time Between Overhauls: 1700 +600S	
Engine Position:	

The Power of Experience



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

Repair Station Approval FAA: Y2GR396Y EASA.145.5936

www.PennYanAero.com