

1276

LYCOMING

ENGINE LOG

SSP-1872-1

Left engine

LYCOMING

Overhaul Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been OVERHAULED in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Serial Number L-20930-48E
Engine Model IO-540-C4B5
Work Order AR562294
Total Time 6138.9

Form 2480 Rev 07/12

Low L Adams 2/27/13
Authorized Representative Date

Repair Station EJ1R115K
652 Oliver Street Williamsport, PA 17701 U.S.A
Lycoming Engines is a division of Avco Corporation

L/H ENGINE LOG

Dat

N700Y Model: PA23-250 S/N 27-7754076 WO# 13-1077
Date: 4-2-2013 HM: 2412.7 AFTSN: 6463.2
Engine s/n L-20930-48E, ETSN: 6138.9 ETSO: 0.0

COMPLIED WITH **100HR/ANNUAL INSPECTION** IN ACCORDANCE WITH PIPER AZTEC SERVICE MANUAL TABLE III-I TO INCLUDE 100 HOUR LUBE. **REMOVED ENGINE** MODEL NUMBER IO-540-C4B5 S/N R/L-19246-48A, INSTALLED MODEL# IO-540-C4B5 S/N L-20930-48E AFTER BEING OVERHAULED BY CRS# EJ1R115K IN ACCORDANCE WITH AMM CHAPTER 8-32 AND 8-33. SERVICED ENGINE WITH 12 QUARTS PHILLIPS 20W50 MINERAL OIL. REMOVED AND REPLACED **L/H PROP GOVERNER** P/N F-6-28 S/N A6063T AFTER BEING OVERHAULED BY CRS# RV3R829L. ENGINE WAS INSTALLED USING NEW MOUNT BOLTS AND LORD MOUNT KIT P/N J9613-12. REMOVED AND REPLACED ENGINE FLAMMABLE FLUID CARRYING HOSES. COMPLIED WITH **AD 72-14-05** EXHAUST STACK RECURRING INSPECTION **NEXT DUE AT HM 2512.7**. COMPLIED WITH **AD 68-07-04** RECURRING ENGINE MOUNT INSPECTION, **NEXT DUE AT HM 2512.7**. COMPLIED WITH **AD 2011-26-04** RECURRING FUEL INJECTOR LINE INSPECTION, **NEXT DUE AT HM 2512.7**. REMOVED AND REPLACED INDUCTION AIR FILTERS WITH P/N BA-15. PERFORMED ENGINE GROUND

(Next page)

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Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			RUN PROCEDURES IAW LYCOMING SERVICE INSTRUCTION NO. 1427C. AD'S CHECKED THRU BI-WEEKLY 2013-06 REF WO# 13-1077 AIRCRAFT IS IN A SAFE AIRWORTHY CONDITION, HOWEVER REQUIRES IN FLIGHT OPERATIONAL ENGINE BREAK-IN PROCEDURES ACCOMPLISHED IAW LYCOMING SERVICE INSTRUCTION NO. 1427C. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport. <i>Thomas M. Wadsworth</i> APPROVED BY: Thomas M Wadsworth AP3680488IA INSPECTOR FOR  Piedmont Aircraft S E R V I C E S Moore County Airport, Carthage, NC		
Total to Date			Certificate Number must be shown		

Date: 4-14-2013

Model PA 23-250
HM: 2415.3

S/N 27-7754076
Tach

WO# 13-1107

Adjusted left engine prop RPM at governor. Adjusted left engine oil pressure. Ran and ops checked

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

APPROVED BY: RM Brady AP3582021IA

RM Brady
FOR

INSPECTOR



Piedmont Aircraft
S E R V I C E S

Moore County Airport, Carthage, NC

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

QUANTITY	PART NUMBER	DESCRIPTION	SALE AMOUNT
1	75906	GASKET	2.39
1	71973	GASKET	1.22
1	77611	GASKET	8.48
1	71481	O-RING	4.22
2	LW-18661	SEAL	5.49
2	70310	SEAL	2.47
1	LW-12272	LOCK TAB	1.58
1	AEL19001	VALVE	220.21
1	16R22291 P.05	GUIDE	55.94
1	14H21950 P.10	RING	59.52
2	74241 P.10	RINGS	87.80

TOTAL 449.32

MISCELLANEOUS PARTS

Triad Aviation, Inc.
FAA Repair Station #PP4R448M
 3439 South Aviation Drive
 Burlington, NC 27215
 Telephone (336) 227-1467

NAME **Fletcher Industries**
 ADDRESS **1485 Central Drive**
Southern Pine, NC 28387

(910) 692-7133		INVOICE WORK ORDER NO. 22778
EMAIL	DATE 7/13/2016	WRITTEN BY JMK
CELL		
MAKE Lycoming		P.O. NO.
MODEL Class 12		TACHOMETER
REGISTRATION NO.		
SERIAL NO.		

INSTRUCTIONS/WORK DESCRIPTION

Repair (1) Lycoming Class 12 cylinder P/N LW-12427
 Repaired (1) Lycoming Class 12 cylinder P/N LW-12427. cleaned, inspected, replaced exhaust guide and valve, honed barrel, refaced seats and intake valve, lapped, leak checked, ok.

This engine and/or component is approved for return to service. All pertinent details on file this repair station. TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M.

Signed: *Thomas M. Pfeiffer* Date: 07/14/2016

I hereby authorize the following work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above aircraft to secure the amount of repairs thereto.
 You will not be held responsible for loss or damage to the aircraft or articles left in the aircraft in case of fire, theft, or any other cause beyond your control.

X

ENGINE OVERHAUL

TOTAL PARTS

MISCELLANEOUS PARTS

SHIPPING

TAX

TOTAL

449.32

38.28

487.60

N700Y

Date: 5/3/2013

Model: PA-23-250

HM: 2443.4

S/N: 277754076

WO# 13-1120

Changed oil and filter with new CH48110-1 filter. Cut open and inspected old filter, no defects noted. Serviced oil with 12qts. Aeroshell 15W-50. Ground run and leak check good.

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

APPROVED BY: Tim Misegades A&P 3439981 INSPECTOR FOR

Piedmont Aircraft

S E R V I C E S

Moore County Airport, Carthage, NC

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
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FAA Form 8130-3 (6-01)

***Installer**

N700Y
Date: 6-19-2013

Model PA-250
HM: 2483.4

S/N 27-7754076
Tach:N.A.

WO# ~~13~~-1144

Date

L.E. Remove oil filter and split ,ck for metal ,none noted,install CH48110-1 Oil filter and service engine with 12 Qts of 15W50 Oil (Aeroshell) , grd. run ops ck ok . Reinstall parts removed to gain access to filter.

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

Thomas M. Wadsworth
APPROVED BY: Thomas M. Wadsworth AP3680488IA
INSPECTOR FOR



Moore County Airport, Carthage, NC

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

TT

Removed and replaced left engine oil cooler .Installed PN# 8000343 SN# 1063432. Ran and leak checked good

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

APPROVED BY:

RM Diag AP 3582021 IA

INSPECTOR FOR

Piedmont Aircraft

S E R V I C E S

Moore County Airport, Carthage, NC

License
Number

Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
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Total to Date	

N700Y

Date: 12-4-13

Model: PA 23 250

HM: 2536.1

S/N: 27 7754076

Tach

WO# 13-1247

Change oil and filter ,serviced with 12 qts Aeroshell 15W50 and Champion CH48110-1 filter . Ran and leak check good

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

APPROVED BY: RM Burt AP 3582021 IA INSPECTOR FOR



Piedmont Aircraft
S E R V I C E S

Moore County Airport, Carthage, NC

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
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			Total to Date	

N700Y

Model: IO-540-C4B5

S/N: L-20930-48E Left WO# 14-1312

Date: 5-1-14

HM: 2605.3

TTSN 6331.5

TSOH 192.6

Compression #1 78 #2 77 #3 76 #4 77 #5 76 #6 78/80 C/W AD 2011-26-04 fuel injector lines,
by inspection, no defects noted, next due at TT6431.5 or whenever maintenance is performed

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with

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airw

The
Federal

N700Y

Model: PA 23 250

S/N: 27-7754076

WO# 14-1386

Date: 7-28-14

HM: 2657.3

Tach:

Change oil and filter, serviced with Aeroshell 5W50 and Champion CH48110-1 filter, ran and leak
checked good

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current
Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

APPROVED BY: *R. M. [Signature]* INSPECTOR FOR


Piedmont Aircraft
SERVICES

Moore County Airport, Carthage, NC

N700Y Model: IO-540-C4B5 S/N: L-20930-48E Left WO# 14-1312

Date: 5-1-14 HM: 2605.3 TTSN 6331.5 TSOH 192.6

Compression #1 78 #2 77 #3 76 #4 77 #5 76 #6 78/80 C/W AD 2011-26-04 fuel injector lines, by inspection, no defects noted, next due at TT6431.5 or whenever maintenance is performed (100 hrs) Safety alternator bracket bolt. Replaced inuction air filter. Change oil and filter serviced with Aeroshell 15W50 and champion CH48110-1 filter Ran and leak checked. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be In an airworthy condition

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

APPROVED BY: Thomas M. Wadsworth INSPECTOR FOR
AP 3680488LA.


Piedmont Aircraft
S E R V I C E S

Moore County Airport, Carthage, NC

Page Total			
			Brought Forward
			Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

license
number

Date: 1-330-15

Model: PA-23-250

HM:2724.0

S/N:27-7754076

Tach

WO# 1474

POS #1

N700Y
Date: 1-330-15
Removed and replaced fuel injector servo. With PN# 2524213-11 SN# 70126001 overhauled by
Avstar CRS# V1RR580Y WO# 030180 dated 1-20-2015. Removed and replaced starter PN#
MHB4016 SN# A219026 overhauled by Aerotech CRS# PU4R453M WO# 106637 dated 9-18-12.
Adjusted idle speed and mixture. ops checked good

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

APPROVED BY:

INSPECTOR FOR

Piedmont Aircraft

S E R V I C E S

Moore County Airport, Carthage, NC

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

Date: 5-7-15

HM:2771.9

Tach

WO# 15-1519

se
er

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

APPROVED BY:

PM Bul AP 3582021 IA

INSPECTOR FOR



Moore County Airport, Carthage, NC

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ASN: 4057-10-012-0005

an installation certification issued
represents the airworthiness
and is the authority of the

N700Y Model: IO-540-C4B5 S/N: L-20930-48E WO# 15-1528
Date 6-9-15 HM 785.8 TSOH 271.3 TTENG 6512.0 POS #1

Maintenance
Compression #1 78 #2 75 #3 78 #4 74 #5 76 #6 74/80
Removed and replaced oil filter CH48110-1

N 700Y Model: PA-23-250 S/N: 277754076 WO# 15-1557
Date: 8-17-2015 Hobbs: 2835.9 Tach POS #1
Change oil and filter serviced with Aeroshell 15W50 and Champion CH48110-1 filter . Ran and leak checked
good

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in
accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details
are on file at Moore County Airport.

APPROVED BY: Philip AP 1552021 JA INSPECTOR FOR



Moore County Airport, Carthage, NC

N700Y

Model: IO-540-C4B5

S/N: L-20930-48E

WO# 15-1528

Date: 6-9-15

HM: 785.8

TSOH 271.3

TTENG 6512.0

POS #1

Maintenance

Compression #1 78 #2 75 #3 78 #4 74 #5 76 #6 74/80

Removed and replaced oil filter CH48110-1

Replaced Brackett air filter

Ran, leak and ops checked good

AD's

AD 2011-26-04 fuel injector lines C/W by inspection. Next due at Hobbs 2885.8 TTAF 6936.3 or whenever maintenance is performed

Checked AD's through issue 2015-10

Inspection

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

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at Moore County Airport.

APPROVED BY:

Thomas M. Walden

INSPECTOR FOR



AP3680488IA

Moore County Airport, Carthage, NC

ENGINE LOG

Serial No. _____

Date

Date: 07/25/2016 **Hours:** TSO 483.3, TT 6622.2

Tail: N700Y

Make: Lycoming

Model: IO-540-C4B5

S/N: L-20930-48E

ACFT HM; 2896.0 Performed an Annual Inspection in accordance with FAR 43 appendix D and Piper PA-23 Maintenance Manual. Compression test: #1 73/80, #2 78/80, #3 78/80, #4 72/80, #5 72/80, #6 78/80. Drained oil and removed/opened filter for foreign particle inspection, none noted. Installed new filter and serviced engine with 12 qts Aeroshell 15w50 oil. Removed cleaned and bench checked spark plugs, 6 plugs had high resistance readings and were replaced with Tempest UREM38S fine wire plugs. Checked ignition timing and plug wires. Number 6 cylinder was removed and sent to Triad Aviation, INC for burned exhaust valve repair. Reinstalled cylinder assembly with new rings and replaced -30 push rods with -29 to get acceptable rocker to valve clearance. Performed ground run functional/leak check, no discrepancies noted. AD's complied with through latest issue. This engine has been inspected in accordance with an Annual Inspection and is approved for return to service.

Name: Bernie Blake

Co: Star Aviation

Cert: A&P/IA 3350808

Signed: _____

nature

License
Number

sement of a
and

NSN: 0052-00-012-9005

airworthiness authority of the
assembles from the airworthiness
an installation certification issued



TECHNICAIR

Aircraft Maintenance
A BBA Aviation company

L/H Engine Log

05/31/2017 N#:N700Y MODEL:PA23-250 SN:27-7754076 TT/HM:2950.2 WO#:S19-17-03860

Changed oil and filters p/n-CH48110-1 from both engines. Serviced each engine with 11 qts of Aeroshell 15W50. Run up, leak and ops check was good. REF. Section II PA23-250 MM

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY

Signature TechnicAir Winston Salem NC FAA Repair Station PAIR208A

			Page Total
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			Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

License
Number

LH Engine Log
SEP. 13, 2017

D

N700Y

LH Engine

RH Engine

LH Propeller

RH Propeller

Hourmeter 2963.7

Model PA23-250

Model IO540-C4B5

Model IO540-C4B5

Model HC-E2YR-2

Model HC-E2YR-2

Heater HM 1548.8

S/N 27-7754076

S/N-L-20930-48E

S/N L-27027-48E

S/N BP2968

S/N BP9058

WO S19-17-03982

AFTT 7014.2

Eng TT 6689.9 TSOH 551

Eng TT 2553.1 TSOH 727.6

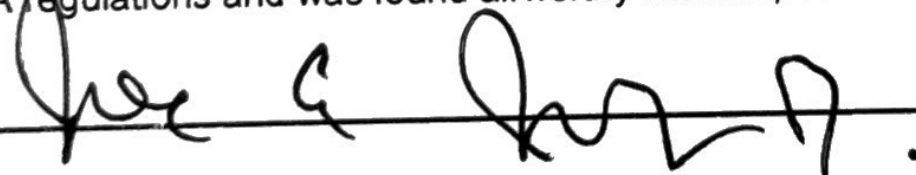
Prop TT unk TSOH 551

Prop TT unk TSOH 551

1. **PERFORMED ANNUAL INSPECTION** USING PIPER PA23-250 MM AS A GUIDE
2. Checked compression @ 80 psi #1(76),#2(77),#3(78),#4(74),#5(74),#6(78)
3. Change oil and filter p/n-Ch48110-1 and serviced with 11 qts of Aeroshell 15W50
4. **COMPLY WITH AD 2015-19-07 PER INSPECTION OF THE FUEL INJECTION LINES**
5. AD 2015-02-07 DOES NOT APPLY PER MODEL OF THE ENGINE
6. **INSTALLED NEW ENGINE BREATHER TUBE ELBOW HOSES**
7. **INSTALLED NEW BRACKETT AIR FILTER P/N-BA-15**

I certify that this ENGINE has been inspected in accordance with an ANNUAL Inspection and was determined to be in Airworthy Condition. I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

SIGNED



Signature Technician Winston Salem NC FAA Repair Station PAIR208A

an installation certification issued
by an airworthiness authority or the
assembles from the airworthiness

ENGINE LOG

LH Engine Log
OCT.12, 2018
N700Y
LH Engine
RH Engine
LH Propeller
RH Propeller

Hourmeter 3105.0
Model PA23-250
Model IO540-C4B5
Model IO540-C4B5
Model HC-E2YR-2
Model HC-E2YR-2

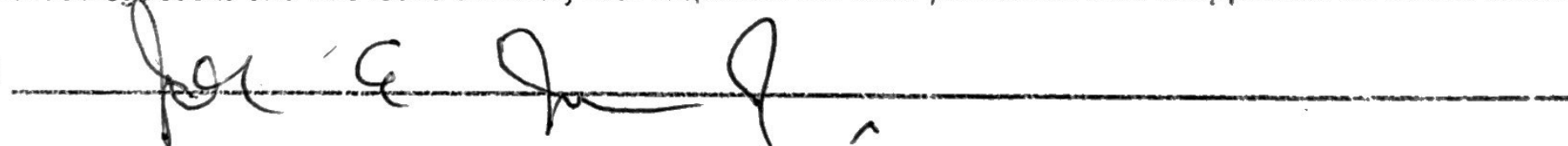
Heater HM 1574.1
S/N 27-7754076
S/N-L-20930-48E
S/N L-27027-48E
S/N BP2968
S/N BP9058

WO S19-18-04600
AFTT 7155.5
Eng TT 6831.2 TSOH 892.3
Eng TT 2694.4 TSOH 868.9
Prop TT unk TSOH 692.3
Prop TT unk TSOH 692.3

1. PERFORMED ANNUAL INSPECTION USING PIPER PA23-250 MM AS A GUIDE
2. Checked compression @ 80 psi #1(75),#2(76),#3(78),#4(78),#5(78),#6(78)
3. Change oil and filter p/n-Ch48110-1 and serviced with 11 qts of Aeroshell 15W50
4. COMPLY WITH AD 2015-19-07 PER INSPECTION OF THE FUEL INJECTION LINES
5. INSTALLED NEW BRACKETT AIR FILTER P/N-BA-15
6. Complied with AD 2017-16-11 by inspection of engine records and AD does not apply

i certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in Airworthy Condition. i certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

SIGNED

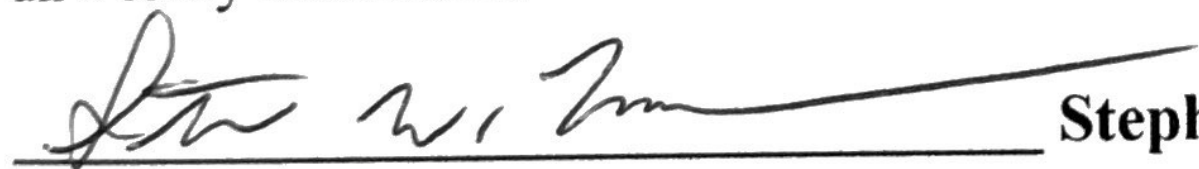


Signature Technician Winston Salem NC FAA Repair Station PAIR208A

Total Flight Solutions
7825 Aviation Drive, Carthage, NC 28326
Telephone: (910) 692-5511

2-5-2020 N700Y L. Eng. Lycoming IO-540-C4B5 S/N L-20930-48E Hobbs: 3142.8
Total time: ~~6727.7~~ SMOH: ~~588.8~~ CORRECT TIMES: 6869.0 TOTAL TIME, 730.1 S.H. 12/10/2020

100 hour inspection. Drained oil. Removed, cut, and inspected filter-no metal noted. JOHN TAWS
Installed new CH48110-1 filter. Serviced with A/S 15W50. Checked magneto timing. A/C OWNER
Checked Comp. #1 76/80 #2 74/80 #3 77/80 #4 75/80 #5 75/80 #6 74/80. Cleaned, gapped and
tested spark plugs. Replaced two with REM38E. Inspected exhaust, mounts, controls, wiring and
plumbing. A.D.'s checked through 2020-03/04. C/W A.D. 2015-19-07 Fuel Inj. Lines. Next due
Hobbs 3242.8 Ground run and leak check normal. I certify that this engine has been inspected
I/A/W a 100 hour Inspection per Cessna checklist and 43 App. D. and was determined to be in an
airworthy condition.



Stephen W. Brown A&P 3132093

			Page Total
			Brought Forward
			Total to Date

**All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.**

NSN: 0052-00-012-9005

the airworthiness authority or the
assembles from the airworthiness
in an installation certification issued

[illegible]

Date: 03/13/2021 **Hours:** 3151.5 Hobbs 6877.7 TT 738-9 SMOH (L/H)

Tail#: N700Y

Make: Lycoming

Model: IO-540-C4B5

S/N: L-20930-~~E~~48E

Completed ANNUAL INSPECTION (100 hour service is inclusive) in scope and detail of part 43 apdx. d. using Lycoming and Piper service manuals as a guide. Drained and flushed oil , cut filter open insp. ok. Samples taken at customers request. Serviced engine with 10 qts of Aeroshell 15W50 oil, installed new Tempest oil filter, AA48110-2.

Installed 12 new Tempest spark plugs, RHEM 40E. Verified timing. Installed new temp sensor, p/n 3080-37 and gasket. Compression test; 1) 77/80 2) 78/80 3) 75/80 4) 76/80

5) 76/80 6) 76/80. Installed new silicone valve cover gaskets. All engine controls lubricated. CW AD 15-19-07 by visual inspection. All AD's CW through 03/13/2021

I certify that this ENGINE has been inspected IAW ANNUAL/100 hour inspections and has been found to be in an AIRWORTHY CONDITION

Name: Steve Szesny

Co: Region Flyers

Cert: ~~A&P~~ 3737257 IA

Sign:

License
Number

ENGINE LOG

Serial No. L-20930-E

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9.3			3155.0 HOURS NOW WORKING	<i>Donald A. Roach</i> owner	3941209
			44.4 HOURS ON OIL.		
			CHANGE OIL + FILTER		
			PUT IN 8 QTS AERO SHELL 15W50		
			NEW TEMPEST FILTER.		
			CUT OPEN FILTER. MEDIA CLEAN		
			SEND IN SAMPLE		
			1154.3 ON L ENGINE SMOOTH		
			RUN-TEST FLIGHT 1 HOUR. NO LEAKS		
NOTE: ADD 4091.4 TO HOURS FOR TOTAL TIME OF AIRCRAFT.					
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

airworthiness authority of the
assemblies from the airworthiness
an installation certification issued

[illegible]

Model: IO-540-C4B5

S/N: L-20930-E48E

License
Number

Name: Steve Szesny

Co: Region Flyers

~~Cert: A&P 3737257 IA~~

~~Sign:~~

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8-10-22	1200	HAS	3200.9 HOURS 46.9 ON OIL CHANGE OIL + FILTER - TEMPEST 7 QTS AEROSHELL W15W50 TORQUE FILTER CUT OPEN FILTER - MEDIA CLEAN SENT IN SAMPLE	Danida Rouse	OWNER 3491209
			RUN - FLIGHT TEST 1 HR. NO LEAKS		
			Page Total	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No.

[illegible]

Installation certification. In all cases, aircraft maintenance records must contain the following information before the aircraft may be flown.

han th (s)/art

he air

Twelve . . .
e . . .
s . . .
and

Hours: ~~3277.9~~ ^{3227.4} Hobbs 6995.5 TT 859.7 SMOH (L/H)

Make: Lycoming

Model: IO-540-C4B5

S/N: L-20930-48E

Completed ANNUAL INSPECTION (100 hour service is inclusive) in scope and detail of part 43 apdx. d. using Lycoming and Piper service manuals as a guide. Cleaned gapped and tested spark plugs. Verified timing. Compression test; 1) 78/80 2) 78/80 3) 78/80 4) 71/80 5) 71/80 6) 78/80. All engine controls lubricated. Repaired engine air inlet access door. Drained engine oil, cut filter open, found clean. Inspected sump screen, drained and flushed oil cooler. Serviced engine with 9 qts. of Aeroshell 15W-50 and installed new Tempest AA48110-2 oil filter. Performed ground run/leak check. CW AD 15-19-07 by visual inspection of fuel linens and clamps. All AD's CW through 06/23/2023.

I certify that this ENGINE has been inspected IAW ANNUAL/100 hour inspections and has been found to be in an AIRWORTHY CONDITION

Name: Steve Szesny

Co: Region Flyers

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Sign

Cert: A&P 3737257 IA

**License
Number**

Installation certification. In all cases, aircraft maintenance records must contain information for the aircraft to be flown.

[illegible]

Date: 01/05/2024 **Hours:** 3265.8 Hobbs 7033.4 TT 897.6 SMOH (LH)

Tail#: N700Y

Make: Lycoming

Model: IO-540-C4B5

S/N: L-20930-48E

Drained engine oil, removed and cut open filter, found to be clean. Removed sump screen and inspected, found clean, reinstalled. Installed new Tempest oil filter, AA48110-2. Serviced engine with 9 qts. of Aeroshell W15-50, added 12 oz. of Cam Guard. Reinstalled engine cowl, performed ground run/leak check. Aircraft returned to service.

Name: Steve Szesny

Co: Region Flyers

~~Cert: (A&P 3737257 1A~~

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Date: 05/24/2024 **Hours:** 3305.7 Hobbs 7007.3 TT 937.5 SMOH (L/H)

Tail#: N700Y

Make: Lycoming

Model: IO-540-C4B5

S/N: L-20930-48E

License
Number

Completed ANNUAL INSPECTION (100 hour service is inclusive) in scope and detail of part 43 apdx. d. using Lycoming and Piper service manuals as a guide. Cleaned gapped and tested spark plugs. Verified timing. Compression test; 1) 76/80 2) 77/80 3) 76/80 4) 75/80 5) 78/80 6) 76/80. Performed 500 hour magneto inspection's. Replaced BA-3 Bracket air filter. All engine controls lubricated. Drained engine oil, cut filter open, found clean. Inspected sump screen, drained and flushed oil cooler. Serviced engine with 9 qts. of Aeroshell 15W-50 and installed new Tempest AA48110-2 oil filter. Performed ground run/leak check. Replaced Dry air vacuum pump, PN AA441CC-7. Replaced CHT probe on #5 cylinder. CW AD 15-19-07 by visual inspection of fuel linens and clamps. All AD's CW through 05/24/2024.

I certify that this ENGINE has been inspected IAW ANNUAL/100 hour inspections and has been found to be in an AIRWORTHY CONDITION

Name: Steve Szesny

Co: Region Flyers

Total to Date

Sign:

Cert: A&P 3737257 IA

Certificate Number must be shown

S/N: L-20930-48E

Completed ANNUAL INSPECTION (100 hour service is inclusive) in scope and detail of part 43 apdx. d. using Lycoming and Piper service manuals as a guide. Cleaned gapped and tested spark plugs. Verified timing. Compression test; 1) 74/80 2) 74/80 3) 75/80 4) 76/80 5) 77/80 6) 73/80. Replaced BA-3 Bracket air filter. All engine controls lubricated. Drained engine oil, cut filter open, found clean. Inspected sump screen, drained and flushed oil cooler. Serviced engine with 9 qts. of Aeroshell 20W-50 and installed new Tempest AA48110-2 oil filter. Performed ground run/leak check. . CW AD 15-19-07 by visual inspection of fuel linens and clamps. CW AD 24-21-02 by visual inspection of oil filter. All AD's CW through 05/23/2025
I certify that this ENGINE has been inspected IAW ANNUAL/100 hour inspections and has been found to be in an AIRWORTHY CONDITION



Steve Szesny
Region Flyers

Cert: ~~A&P 3737257 IA~~

Sign

Total to Date

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

