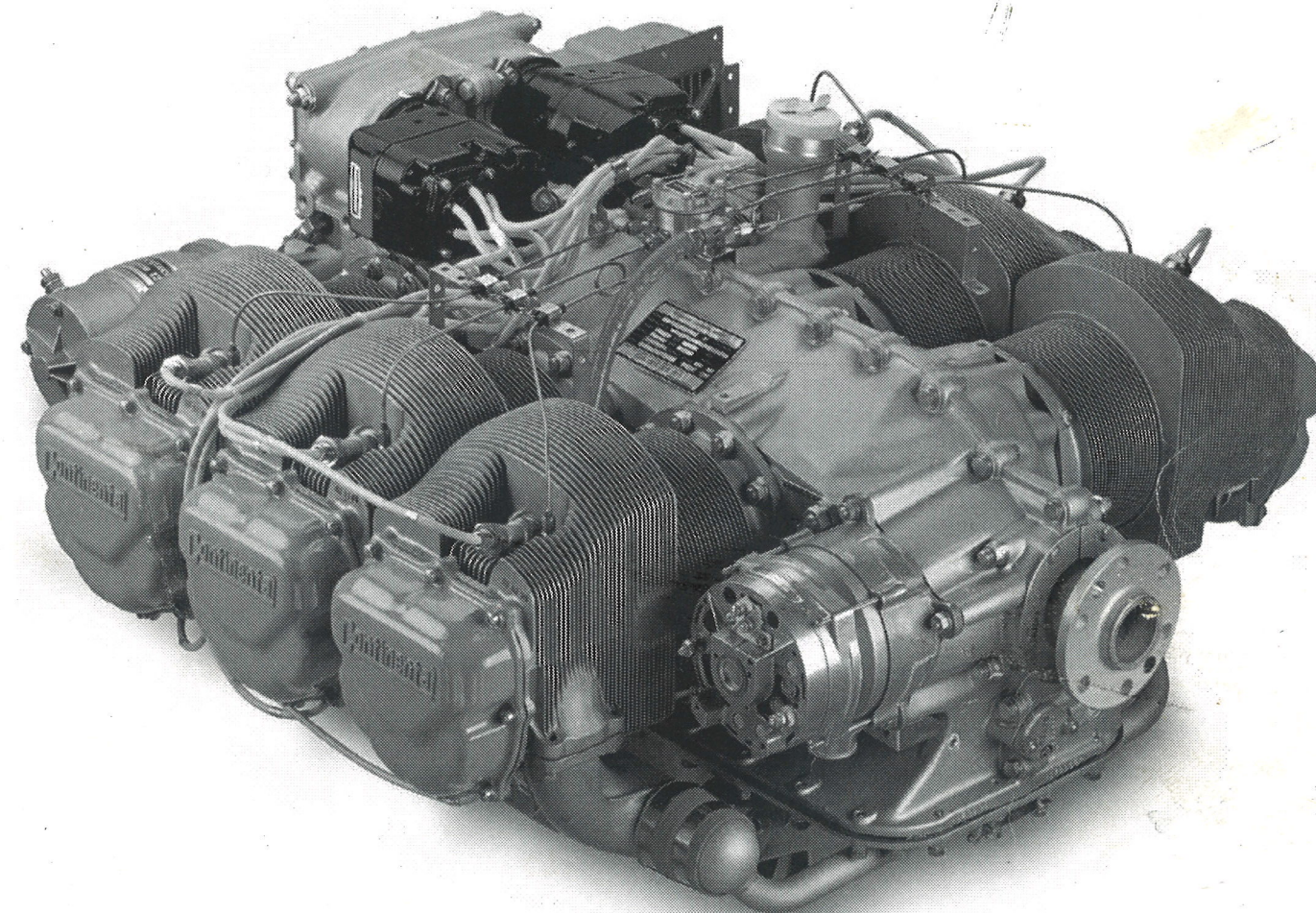


N624CP

ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

P.O. Box 90 Mobile AL 36601 • 334-438-3411



GAMA

Member Of GAMA
General Aviation Manufacturing Association



Teledyne Continental Motors, Inc.

FORM No. ELB-01
© 2002 TELEDYNE TECHNOLOGIES INCORPORATED

Form No. ELB-01

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

**Engine Return Department
2039 Broad Street
Mobile, AL 36615**

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 02/29/2008

This engine model I0360ES21, Serial No. 360634 was manufactured on 02/28/2008 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

Signature 080229

TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

ENGINE MODEL:
IO-360-ES
ENGINE S/N: 360634
REG. NO: 624CP
WORK ORDER:
12138-10-2008



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3438

DATE: 10/10/2008
A/C TSN: 27.8
ENG TT: 27.8
HOBS: 27.8

Date	Engine Entries	Signature	Work Order
10/10/2008	(6) (FLT TIME: 20.2 Hrs.) Performed 100 Hour inspection of engine IAW CDC AMM 5-20... (8) Performed engine cylinder compression check, compressions are as follows: #1 68/80, #2 74/80, #3 74/80, #4 76/80, #5 77/80, #6 73/80, master orifice reading of 42, work performed IAW T.C.M. MM section 19, and T.C.M. S.B. 03-3... (9) (FLT TIME: 20.2 Hrs.) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Phillips 20W50 Type M engine oil. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks. Op's and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-10... (12) Removed and cleaned fuel injector nozzles and reinstalled in proper cylinder location IAW TCM IO360 Maintenance Manual.	<i>Signature</i>	12138-10-2008
	I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.	Mitch Knase Certified Repair Station No. YD5R855Y	Printed by EBis 3 (datcomedia.com)

	ENGINE MODEL: IO360ES ENGINE S/N: 360634 REG. NO: N624CP WORK ORDER: 921	Advanced Aircraft Services LP 500 Airport Rd. Suite D Lititz, PA 17543 Phone: 717-735-5179	DATE: 5/6/2009 A/C TSN: 58.6 ENG TT: 58.6 HOBS: 79.5
	Engine Entries Completed an Annual Inspection using the Cirrus AMM check list ch. 5-20... C/W SIL 97-3C Fuel System Adjustment... Retorqued the oil cooler shoe.... compressions: #1 78/80, #2 78/80, #3 78/80, #4 77/80, #5 78/80, #6 77/80. Drained the engine oil and replaced filter, Serviced engine with 7 qts of Phillips 20/50. Cut open filter and inspected, no contamination found at this time. Performed oil analysis, megged the ignition harness, cleaned, gapped and tested all plugs, ultrasonic cleaned all fuel nozzles, checked magneto timing, replaced the induction air filter, Ground run and leak checked good. All AD's current thru 09-09.-END-		
	I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.	<i>Signature</i>	Work Order: 921
	DATE: 5/6/2009	Richard A. Barnhart II, IA: 3124994	Printed by EBis 3 (datcomedia.com)

	ENGINE MODEL: IO360ES ENGINE S/N: 360634 REG. NO: N624CP WORK ORDER: 1124	Advanced Aircraft Services LP 500 Airport Rd. Suite D Lititz, PA 17543 Phone: 717-735-5179	DATE: 11/18/2009 A/C TSN: 102.1 ENG TT: 102.1 HOBS: 133.6
	Engine Entries Completed the Cirrus 100hr Scheduled maintenance. Drained the engine oil and replaced filter, Serviced engine with 7 qts of Phillips 20/50W oil. Cut open filter and inspected, No contamination found at this time, Performed oil analysis. Visually inspected fuel nozzles for stains, security and proper venting, Performed SID 97-3 Fuel pressure functional inspection. Ground run and leak checked good.		
	Maintenance Release		
	The aircraft and/or component(s) on N624CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 1124, Dated 11/18/2009.		
	DATE: 11/18/2009	James J. Mazzante, A&P: 2699478	Work Order: 1124
			Printed by EBis 3 (datcomedia.com)

	ENGINE MODEL: IO360ES ENGINE S/N: 360634 REG. NO: N624CP WORK ORDER: 1312	Advanced Aircraft Services LP 500 Airport Rd. Suite D Lititz, PA 17543 Phone: 717-735-5179	DATE: 6/4/2010 A/C TSN: 148.9 ENG TT: 148.9 HOBS: 189.1
	Engine Entries C/W AD 09-24-52 Hydraulic lifters, N/A by date.... C/W annual inspection. Cylinder compressions: 1/78, 2/79, 3/79, 4/79, 5/77, 6/78. Drained the engine oil and replaced filter, Serviced engine with 7 qts of Phillips 20/50. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.		
	I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.		
	DATE: 6/4/2010	Dave Hildebrand, IA: AP8289196IA	Work Order: 1312
			Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
ENGINE MODEL: IO360ES ENGINE S/N: 360634 REG. NO: N624CP WORK ORDER: 1643-03-2011 Advanced Aircraft Services 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179 DATE: 3/8/2011 A/C TSN: 258.1 ENG TT: 258.1 HOBBS: 319.7					
Engine Entries Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1:78 2:73 3:74 4:74 5:77 6:76. Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20w50 X/C oil. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good. All AD's current thru 2011-05.... C/W AD 2010-11-04 Hyd filters, N/A by ESN					
I certify that this ENGINE has been inspected IAW an Annual inspection and was found to be in Airworthy condition.					
DATE: 3/8/2011		SIGNED:		Work Order: 1643-03-2011 Richard A. Barnhart II, A&P: 3124994AP Printed by EBis 3 (datcomedia.com)	

1 of 1

O&N AIRCRAFT MODIFICATIONS, INC. SEAMANS AIRPORT 210 WINDSOCK LANE FACTORYVILLE, PA
 LOG ID# 5673 07-June-2011 WO# 15503 HOBBS 413.7
 N624CP S/N 1947 CIRRUS DESIGN CORP. SR20
 Pg 1 / 1

Removed cowling. Retorqued all intake clamps. Checked all fuel nozzles and lines. Removed all spark plugs, tested and replaced with Champion P/N RHM38E plugs. Drained all fuel sumps. Ground runup check okay. This aircraft engine was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under work order No. 15503.

ONPR798K LARRY G. KRINER 6-7-2011
 Date

ENGINE MODEL: IO360ES
 ENGINE S/N: 360634
 REG. NO: N624CP
 WORK ORDER: 1840-07-2011
Advanced Aircraft Services
 530 Airport Rd.
 Lititz, PA 17543
 Phone: 717-735-5179
 DATE: 7/15/2011
 A/C TSN: 388.1
 ENG TT: 388.1
 HOBBS: 499.8

Engine Entries
 Cirrus Engine 100 hour Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1: 69 2: 70 3: 70 4: 69 5: 72 6: 71. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 7 quarts of Phillips XC 20W-50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All AD's current thru 2011-14.

I certify that this engine has been inspected IAW a 100hr inspection and was found to be in Airworthy condition.

DATE: 7/15/2011 SIGNED:
 Derrick S. Miller, A&P: 3221608 Work Order: 1840-07-2011
 Printed by EBis 3 (datcomedia.com)

1 of 1

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
ENGINE MODEL: IO360ES ENGINE S/N: 360634 REG. NO: N624CP WORK ORDER: 1930-09-2011 Advanced Aircraft Services 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179 DATE: 9/30/2011					
Engine Entries Removed connecting plug located at [redacted] and repaired chafed wires, secured.					
Maintenance Release The aircraft and/or component(s) of Title 14 of the Code of Federal Regulations are available at this facility.					
DATE: 9/30/2011					

O&N AIRCRAFT MODIFICATIONS, INC. SEAMANS AIRPORT 210 WINDSOCK LANE FACTORYVILLE, PA
 LOG ID# 6042 24-January-2011 WO# 15503 HOBBS 413.7
 N624CP S/N 1947 CIRRUS DESIGN CORP. SR20
 Pg 1 / 1

Performed an annual/100/50 Manual check list ch. 5-20 test: cyl. #1-75/80; #2-70 filter. Serviced with Phil inspected with no defects and sent to Aviation Labor Aircraft Maintenance Manual repaired and inspected in approved for return to service under work order No. 15728 annual inspection and was

NOTE: NEXT 100-HOUR INSPECTION

 ONPR798K LARRY G. KRINER

O&N AIRCRAFT MODIFICATIONS, INC. SEAMANS AIRPORT 210 WINDSOCK LANE FACTORYVILLE, PA
 LOG ID# 6384 28-August-2011 WO# 15503 HOBBS 413.7
 N624CP S/N 1947 CIRRUS DESIGN CORP. SR20
 Pg 1 / 1

Performed 100HR inspection check: cyl#1- 75/80; cyl#2- 70/80. Cleaned, gapped and tested spark plugs. Lubricated all engine components. Removed and replaced both 10-500556-3 D08BA180 BL-50 CH48108-1 and 7 QTS X/C 20W-50 oil. Installed fuel filter. Removed fuel nozzle. This engine has been inspected and found to be in Airworthy condition.

ONPR798K LARRY G. KRINER

1. Approving National Aviation Authority/Country: FAA/United States
 2. AUTHORIZED RELEASE
 FAA FORM 8130-3, AIRWORTHINESS

4. Organization Name and Address:
 Continental Motors, 2039 Broad Street, Mobile, Alabama 36615

6. Item:	7. Description:	8. Part Number:	9. E
1	MAGNETO - REBUILT	BL-500556-3	

13. Remarks:
 Rebuilt to Original PAH's Specifications in accordance with 14 CFR §43.3(j).

Serial/Batch Number(s):
 Serial: D12EA170R Description: MAGNETO - REBU

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in condition for safe operation.
 Non-approved design data specified in Block 13.

15. Authorized Signature: _____ 16. Approval/Authorization No.: _____
 17. Name (Typed or Printed): _____ 18. Date (m/d/y): _____

User/Installer
 It is important to understand that the existence of this document alone does not automatically constitute installation certification. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft may be flown only if approved by the national regulations by user/installer before aircraft may be flown.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brough

O&N AIRCRAFT MODIFICATIONS, INC. SEAMANS AIRPORT 210 WINDSOCK LANE FACTORYVILLE, PA
 LOG ID# 6653 26-March-2013 WO# 16052/2 HOBBS 657.6
 N624CP S/N 1947 CIRRUS DESIGN CORP. SR20 Pg 1 / 1

C/w annual / 100 hr inspection per O&N inspection forms and Cirrus Inspection forms, shop manual and overhaul replacement per 135 ops manual. Performed compression check: Cyl#1- 70/80; Cyl#2- 66/80; Cyl#3- 75/80; Cyl#4- 75/80; Cyl#5- 70/80; Cyl#6- 62/80. Cleaned, gapped and tested all spark plugs and leads. Inspected intake and exhaust. Inspected and lubricated all engine controls. Removed all engine fuel injectors cleaned in sonic cleaner inspected and reinstalled. Leak and operational check okay. Changed engine oil and filter with 7 qts of Phillips X/C 20w50 and Ch48108-1. Cut open old filter and inspected. No findings. Ground run up and leak check good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Larry G. Kriner 3-26-2013
 ONFR798K LARRY G. KRINER Date

O&N AIRCRAFT MODIFICATIONS, INC. SEAMANS AIRPORT 210 WINDSOCK LANE FACTORYVILLE, PA
 LOG ID# 6884 18-September-2013 WO# 16292/2 HOBBS 820.0
 N624CP S/N 1947 CIRRUS DESIGN CORP. SR20 758.3 - Flight Hobbs Pg 1 / 1

Performed 100HR inspection per O&N Form ON005 and Cirrus Aircraft Maintenance Manual check list Ch. 5-20 inspection forms. C/w All AD's. Performed compression check: Cyl#1 75/80; Cyl#2 70/80; Cyl#3 73/80; Cyl#4 72/80; Cyl#5 73/80; Cyl#6 70/80. Cleaned gapped and tested all spark plugs and leads. Researched all applicable AD's for compliance. See WO 16292 for details. Removed engine oil and filter cleaned engine, cut open filter and inspected no findings. Installed Ch48108-1 engine oil filter. Serviced engine with 7 qts Phillips X/C 20w50. Ground and leak check okay. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition.

Larry G. Kriner 9-18-2013
 ONFR798K LARRY G. KRINER Date

O&N AIRCRAFT MODIFICATIONS, INC. SEAMANS AIRPORT 210 WINDSOCK LANE FACTORYVILLE, PA
 LOG ID# 7218 01-July-2014 WO# 16505 AC TT 791.3 HOBBS 853.1
 N624CP S/N 1947 CIRRUS DESIGN CORP. SR20 FIT: 791.3 TSMOH 791.3 Hobbs Pg 1 / 1

Performed annual inspection per O&N Form005 & manufacture's maintenance manual. Performed compression check: Cyl#1- 74/80; Cyl#2- 70/80; Cyl#3- 74/80; Cyl#4- 72/80; Cyl#5- 72/80; Cyl#6- 70/80. Cleaned, gapped and tested all spark plugs and leads. Inspected intake and exhaust. Inspected and lubricated all engine controls. Remove and replace engine air filter. Change oil and filter. Cut open filter and inspect. Checks ok. Took oil sample. Serviced with 8 QTS Phillips X/C 20w50 and filter CH48108-1. Check and re-time left magneto. Right magneto ok, no adjustment needed. Review and comply with all pertinent AD's and mandatory S.B. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Larry G. Kriner 7-1-2014
 CAS ONFR798K LARRY G. KRINER Date

JOHNSON AIRCRAFT MAINTENANCE
 SEPTEMBER 2, 2015
 N624CP CIRRUS SR20 S/N 1947 HOBBS 967.1 TSNEW 967.1 FLIGHT HOBBS 905.4

Performed an annual inspection. Performed compression test. Cyl #1 74/80; #2 74/80; #3 72/80; #4 72/80; #5 76/80; #6 70/80. Drained oil, changed filter and serviced with Phillips 20W-50 X/C and Tempest P/N AA48108-2. Replaced all spark plugs with new Tempest P/N URHM38E. Replaced Engine air induction filter with new Brackett P/N BA-24. Runup, leak and operational test satisfactory. This engine installed in the aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Dennis E. Johnson 9-2-2015
 AP2105411801A Dennis E. Johnson Date

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ENGINE MODEL: **US Flight Aircraft Maintenance**
 ENGINE S/N: 360634
 REG. NO: N624CP
 WORK ORDER: 08141-07-2016

1 Wallingford Rd
 Hangar 5
 Danbury, CT 06810 USA
 Phone: 914-288-8088

DATE: 12 July, 2016
 A/C TSN: 1044.7
 ENG TT: TACH: 983

Engine Entries

2 COMPLY WITH 50HR OIL CHANGE SERVICE... Engine warmed to operating temperatures, drained oil.

Removed and cut filter, inspect filter, no metals noted.

Install and Torque new AA48108-2 filter.

Serviced engine with 8qts. Phillips 20w50w X/C oil and 1/2 pint Camguard
 Performed ground run, no leaks noted.

Technicians Who Worked On The Items Listed Above:
 SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 12 July, 2016 SIGNED: *Scott Spletzer*
 SCOTT SPLETZER, A&P: 3402681 Work Order: 08141-07-2016
 Printed by EBis 3 (datamedia.com)

ENGINE MODEL: **Dedicated Aircraft Work**
 IO-360-ES (21)
 ENGINE S/N: 360634
 REG. NO: N624CP
 WORK ORDER: 0531

688 CR 1143
 Tyler, TX 75704
 Phone: 972-834-2476

DATE: 7/10/2016
 A/C TSN: 983.5
 ENG TT: 983.5
 FLIGHTTIME: 983.5

Engine Entries

Adjusted the takeoff RPM.... Adjusted the engine idle and idle mixture.

DATE: 7/10/2016 SIGNED: *Isaiah Daw*
 Isaiah Daw, A&P: 2594100 Work Order: 0531
 Printed by EBis 3 (datamedia.com)

7 August 2016	1002.7 Flight	<i>Isaiah Daw</i>	Started and warmed engine, drained oil, removed filter, took sample of oil to mail. Installed new filter, torqued and lubed. 7qts w100 oil & 1/2 camguard, tested in pattern, no signs of leak or failure.
February 2 2017	1008.1 Flight	<i>Isaiah Daw</i>	Drained oil, removed filter, took oil sample, Installed new, lubed filter, torqued. 6qts w100 oil + 1/2 camguard.
April 28, 2017	1128.3 Flight	<i>Isaiah Daw</i>	Drained oil overnight, took sample, removed filter, installed new, lubed filter, torqued. 6qts 20w-50 + 1/2 camguard.

Engine Service and Maintenance Record
Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brought Forward →

ENGINE MODEL: IO-360-ES (21)
ENGINE S/N: 360634
REG. NO: N624CP
WORK ORDER: 0666

Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 1/17/2019
A/C TSN: 1327.2
ENG TT: 1327.2
FLIGHTTIME: 1327.2

Engine Entries

Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2018-24.... The engine compressions were checked with the following results: #1 66/80, #2 70/80, #3 68/80, #4 64/80, #5 70/80, #6 68/80. Master orifice 44/80.... Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of AeroShell 100.... Reinstalled the #2 cylinder P/N 655479 S/N ACC8AA243 after repair performed by Continental Motor Services on work order CS-8622 dated 12/11/2018.... Adjusted the engine idle.... Installed new #1 alternator bracket assembly P/N 657046, #1 alternator P/N ES-4024LP S/N H-S111108 and drive belt P/N 655627-1.... Replaced the engine crank seal P/N 530917.... Adjusted the L/H magneto to timing to 24 BTDC.

I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.

DATE: 1/17/2019 SIGNED: *Isaiah Daw* Work Order: 0666
Isaiah Daw, A&P: 2594100 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: Turbine Aircraft Services LLC
ENGINE S/N: 7101 Millionaire Drive, Hangar 21
REG. NO: N624CP Bethany, Oklahoma 73008
WORK ORDER: 50665

DATE: 6/24/2016
A/C TSN: 936.7
ENG TT: 936.7
TSMOH
HOBS: 936.7

Engine Entries

(2) Removed upper cowling and set engine idle mixture. Richened mixture and set idle speed. Ran engine, functional check good at this time. Reinstalled upper cowling.

The Engine and/or component(s) items identified above were repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 6/24/2016 SIGNED: *James C. Morphew* Work Order: 50665
James C. Morphew, License: 36152851A Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES (21)
ENGINE S/N: 360634
REG. NO: N624CP
WORK ORDER: 0549

Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 10/6/2016
A/C TSN: 1028.3
ENG TT: 1028.3
FLIGHTTIME: 1028.3

Engine Entries

Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2016-20.... The engine compressions were checked with the following results: #1 70/80, #2 71/80, #3 70/80, #4 66/80, #5 68/80, #6 68/80. Master orifice 42/80.... Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter.... Adjusted the mag timing.... Replaced 7 rocker cover gaskets P/N 655704.... Cleaned all the ignition harness spark plug lead insulator tips.... Replaced 2 intake tube clamps P/N AN737TW74.... Replaced the #1 cylinder intake tube gasket P/N 654227.

I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.

DATE: 10/6/2016 SIGNED: *Isaiah Daw* Work Order: 0549
Isaiah Daw, IA: 2594100 Printed by EBis 3 (datcomedia.com)

Engine Service and Maintenance Record
Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brought Forward →

ENGINE MODEL: IO-360-ES (21)
ENGINE S/N: 360634
REG. NO: N624CP
WORK ORDER: 0617

Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 11/7/2017
A/C TSN: 1217
ENG TT: 1217
FLIGHTTIME: 1217

Engine Entries

Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2017-22.... The engine compressions were checked with the following results: #1 68/80, #2 72/80, #3 62/80, #4 66/80, #5 62/80, #6 66/80. Master orifice 44/80.... Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 7 quarts of Phillips 20W50XC and Camguard.... Reinstalled the magnetos P/N BL-500556-3 L/H S/N D12DA130R & R/H S/N D16BA154R after repair including 500HR inspection was performed by Select Aircraft Services on work order 10128-00 and 10129-00 dated 11/04/2017.... Adjusted the engine idle and idle mixture.

I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.

DATE: 11/7/2017 SIGNED: *Isaiah Daw* Work Order: 0617
Isaiah Daw, IA: 2594100 Printed by EBis 3 (datcomedia.com)

Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
Hrs.	Min.	Hrs.	Min.
Oil Changes 2019, Since Annual			
April 11, 2019	1412.8		Drained Oil, Removed Filter, installed new Filter, torqued and safety wired. Cut filter. Lots W100 oil + 1/2 Camguard. <i>Isaiah Daw</i>
April 21, 2019	1436.9		Quick second change after long travel. Drained oil, removed filter, installed new filter and torqued. Lots W100 oil + 1/2 camguard <i>Isaiah Daw</i>
June 23, 2019	1478.1		Warmed oil, drained. Removed filter, installed new one, torqued, tested w/ pattern before Oshkosh Fair. Lots W100 + 1/2 camguard <i>Isaiah Daw</i>
October 23, 2019	1513.7		Drained oil, Removed filter, installed new one. Torqued, safety wired, and then tested. Lots W100 + 1/2 camguard. <i>Isaiah Daw</i>

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

ENGINE MODEL:
O-360-ES (21)
ENGINE S/N: 380634
EG. NO: N624CP
WORK ORDER: 0666

Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 1/17/2019
A/C TSN: 1327.2
ENG TT: 1327.2
FLIGHTTIME: 1327.2

Engine Entries

Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2018-24.... The engine compressions were checked with the following results: #1 66/80, #2 70/80, #3 68/80, #4 64/80, #5 70/80, #6 68/80. Master orifice 44/80.... Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of AeroShell 100.... Reinstalled the #2 cylinder P/N 655479 S/N AC08AA243 after repair performed by Continental Motor Services on work order CS-8622 dated 12/11/2018.... Adjusted the engine idle.... Installed new #1 alternator ratchet assembly P/N 657046, #1 alternator P/N ES-4024LP S/N H-S111108 and drive belt P/N 655627-1.... Replaced the engine crank seal P/N 530917.... Adjusted the L/H magneto to timing to 24 BTDC.

MAG timing

I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.

DATE: 1/17/2019

SIGNED: *Isaiah Daw*

Work Order: 0666

Isaiah Daw, A&P: 2594100

Printed by EBis 3 (dalcomedia.com)

ENGINE MODEL:
O-360-ES (21)
ENGINE S/N: 360634
REG. NO: N624CP
WORK ORDER: 0740

Dedicated Aircraft Work
698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 3/16/2020
A/C TSN: 1474.5
ENG TT: 1474.5
FLIGHTTIME: 1474.5

Engine Entries

Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2020-05.... The engine compressions were checked with the following results: #1 74/80, #2 72/80, #3 68/80, #4 68/80, #5 60/80, #6 68/80. Master orifice 45/80.... Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of AeroShell 100 mineral oil.... Installed new #6 cylinder baffle fastener P/N 641346.... Replaced 1 intake tube clamp P/N AN7371W74.... Cleaned all the ignition harness spark plug lead insulator tips.... Reinstalled the mechanical fuel pump P/N 649368-51A4 S/N B0BAA208 after overhaul performed by Mike's Aircraft Fuel Metering Service on work order 30662 dated 03/02/2020. Adjusted the takeoff fuel flow.... Adjusted idle and idle mixture... Installed new set of spark plugs P/N URHM38E.... Reinstalled the #1, 3, 4, 5 and 6 cylinder assemblies P/N 655479 in their original positions after repair performed by CMS on work order CS-9435 dated 03/06/2020. Performed ground break in procedures.

I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.

DATE: 3/16/2020

SIGNED: *Isaiah Daw*

Work Order: 0740

Isaiah Daw, A&P: 2594100

Printed by EBis 3 (dalcomedia.com)

4-27-2020 N624CP TACH: 1,505.3 HOBBS: 1,570.0

Drained Oil & cut open filter (Filter was clean) Installed new AA48108-2 & serviced with 8 Qts PHILLIPS 20W-50 & CAM GUARD. Operational Check Satisfactory.

Robert Grandinetti A&P 2127956 I/A

Robert Grandinetti

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
7/24/2020	FLIGHT: 1553.3		Hobbs: 1626.5		
					Drained oil, removed filter. Installed new AA 48108-2 & serviced with 8qts Phillips XC 20W-50 & CamGuard.
					Robert S. McHale 3919921 R. McHale co-owner
10/14/2020	FLIGHT: 1599.5		Hobbs: 1687.3		
					Drained oil, removed filter. Installed new AA 48108-2 & serviced w/ 8qts Phillips XC 20W-50 & CamGuard
					Robert S. McHale 3919921 R. McHale co-owner

N624CP ENGINE **HOBBS: 1742.9** **ENG TT: 1640.3**
FT: 1640.3

Drain engine oil, remove oil filter and inspect. Install 8 quarts of Phillips 20W50 and new oil filter P/N: AA48108-2. Install new engine air filter P/N: BA24. Remove fuel injection nozzles, clean and reinstall. Tighten Alternator belt. Compression check readings: 1/78 2/74 3/77 4/74 5/77 6/77 Master Orifice: 42

I certify that this engine has been inspected I/A/W an annual type inspection and was found to be in airworthy condition. AD summary checked thru 2021-06


The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under **Service Order No. 63296** **Dated: 4/13/21**

James R. Merriam
 FAA Approved Repair Station No. B2ER144J
 Boshart Enterprises and Aircraft Services, Inc.
 Genesee County Airport Batavia, N.Y. 14020

NOTE: Cam Guard Added per Boshart's work order. Telephone w/ Jim 16 APR 2021

7/31/2021	FLIGHT: 1686.3		Hobbs: 1802.8		Drained oil, removed filter. Installed new AA 48108-2 & serviced with 8qts Phillips XC 20W-50 & CamGuard
					Robert S. McHale 3919921 R. McHale co-owner
12/17/2021	FLIGHT: 1736.5		HOBBS: 1868.3		Drained oil, removed oil filter & inspected. Installed new AA 48108-2 & serviced w/ 8qts Phillips 66 XC 20W-50 & CamGuard.
					Robert S. McHale 3919921 R. McHale co-owner

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward 					

N624CP Flight: 1762.6; Engine TT: 1762.6;
ENGINE
 Drain engine oil, cut open and inspect oil filter. Collected oil sample. Installed new Tempest AA48108 oil filter and safety wire. Service engine with 8qts Phillips 20W50 oil and 12oz ASL CamGuard. Performed magneto 500-hour inspection on left and right magnetos IAW TCM Overhaul Manual X40000, checked coil and capacitor values, inspected impulse coupling IAW MSB645. Greased bearings, installed new oil seals. Installed new point sets and set point gap. Installed on engine and set magneto to engine timing to 24* BTDC. Cleaned, gapped and rotated spark plugs. Tightened alternator belt.
Compressions: 1) 68 2) 75 3) 73 4) 66 5) 74 6) 78
Master Orifice Reading: 43
 I certify that this engine has been inspected I/AW an annual type inspection and was found to be in airworthy condition. AD summary checked through 2022-08.
Service Order No. 63721 **Date 4/14/2022**

 FAA Approved Repair Station No. B2ER144J
 Boshart Enterprises and Aircraft Services, Inc.
 Genesee County Airport Batavia, N.Y. 14020

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward		→			

N624CP Flight: 1762.6; Engine TT: 1762.6;
ENGINE
 Drain engine oil, cut open and inspect oil filter. Collected oil sample. Installed new Tempest AA48108 oil filter and safety wire. Service engine with 8qts Phillips 20W50 oil and 12oz ASL CamGuard. Performed magneto 500-hour inspection on left and right magnetos IAW TCM Overhaul Manual X40000, checked coil and capacitor values, inspected impulse coupling IAW MSB645. Greased bearings, installed new oil seals. Installed new point sets and set point gap. Installed on engine and set magneto to engine timing to 24* BTDC. Cleaned, gapped and rotated spark plugs. Tightened alternator belt.
Compressions: 1) 68 2) 75 3) 73 4) 66 5) 74 6) 78
Master Orifice Reading: 43
 I certify that this engine has been inspected I/A/W an annual type inspection and was found to be in airworthy condition. AD summary checked through 2022-08.
Service Order No. 63721 **Date 4/14/2022**

[Signature]

FAA Approved Repair Station No. B2ER144J
 Boshart Enterprises and Aircraft Services, Inc.
 Genesee County Airport Batavia, N.Y. 14020

Mag inspection / overhaul

6/14/2022 Cirrus SR-20 N624CP FT 1782.2
 Hobbs 1930.0 S/N 36034

Install 12 PMA RG-632310 Rocker Cover Silicone Gaskets IAW Installation and Maintenance Procedures.

Mark McLaughlin *[Signature]* A&P 4336512

9/3/2022 Hobbs: Flight: 1813.1

Drained oil, removed filter and inpected. Installed new Tempest AA48108-2 filter and serviced with 8 qts of Phillips 66 XC 20W-50 and CamGuard.

Robert S. McHale
 Co-owner 3919921

[Signature]

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

ENGINE MODEL: IO-360-ES (21)
ENGINE S/N: 360834
REG. NO: N624CP
WORK ORDER: 0666

Dedicated Aircraft Work 898 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 1/17/2019
A/C TSN: 1327.2
ENG TT: 1327.2
FLIGHTTIME: 1327.2

Engine Entries

Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2018-24. The engine compressions were checked with the following results: #1 66/80, #2 70/80, #3 68/80, #4 64/80, #5 70/80, #6 68/80. Master orifice 44/80. Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of AeroShell 100. Reinstalled the #2 cylinder P/N 655479 S/N ACC8AA243 after repair performed by Continental Motor Services on work order CS-8622 dated 12/11/2018. Adjusted the engine idle. Installed new #1 alternator racket assembly P/N 657046, #1 alternator P/N ES-4024LP S/N H-S111108 and drive belt P/N 655627-1. Replaced the engine crank seal P/N 530917. Adjusted the LH magneto to timing to 24 BTDC.

I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.

DATE: 1/17/2019 SIGNED: *Isaiah Daw* Work Order: 0666
Isaiah Daw, A&P. 2594100 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES (21)
ENGINE S/N: 360834
REG. NO: N624CP
WORK ORDER: 0740

Dedicated Aircraft Work 898 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 3/16/2020
A/C TSN: 1474.5
ENG TT: 1474.5
FLIGHTTIME: 1474.5

Engine Entries

Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2020-05. The engine compressions were checked with the following results: #1 74/80, #2 72/80, #3 68/80, #4 68/80, #5 60/80, #6 68/80. Master orifice 45/80. Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of AeroShell 100 mineral oil. Installed new #5 cylinder baffle fastener P/N 641346. Replaced 1 intake tube clamp P/N AN737TW74. Cleaned all the ignition harness spark plug lead insulator tips. Reinstalled the mechanical fuel pump P/N 649368-51A4 S/N B08AA208 after overhaul performed by Mike's Aircraft Fuel Metering Service on work order 30652 dated 03/02/2020. Adjusted the takeoff fuel flow. Adjusted idle and idle mixture. Installed new set of spark plugs P/N URHM38E. Reinstalled the #1, 3, 4, 5 and 6 cylinder assemblies P/N 655479 in their original positions after repair performed by CMS on work order CS-9435 dated 03/06/2020. Performed ground break in procedures.

I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.

DATE: 3/16/2020 SIGNED: *Isaiah Daw* Work Order: 0740
Isaiah Daw, A&P. 2594100 Printed by EBis 3 (datcomedia.com)

cylinder new plug

4-27-2020 N624CP TACH: 1,505.3 HOBBS: 1,570.0

Drained Oil & cut open filter (Filter was clean) Installed new AA48108-2 & serviced with 8 Qts PHILLIPS 20W-50 & CAM GUARD.

Operational Check Satisfactory.

Robert Grandinetti A&P 2127956 I/A *Robert Grandinetti*

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

7/24/2020 FLIGHT: 1553.3 Hobbs: 1626.5

Drained oil, removed filter. Installed new AA 48108-2 & serviced with 8 qts Phillips XC 20w-50 & CamGuard.

Robert S. McHale
CO OWNER 3919921 *R. McHale*

10/14/2020 FLIGHT: 1599.5 Hobbs: 1687.3

Drained oil, removed filter. Installed new AA48108-2 & serviced w/ 8qts Phillips XC 20w-50 & CamGuard

Robert S. McHale
CO OWNER 3919921 *R. McHale*

N624CP ENGINE HOBBS: 1742.9 ENG TT: 1640.3 FT: 1640.3

Drain engine oil, remove oil filter and inspect. Install 8 quarts of Phillips 20w50 and new oil filter P/N: AA48108-2. Install new engine air filter P/N: BA24. Remove fuel injection nozzles, clean and reinstall. Tighten Alternator belt. Compression check readings: 1/78 2/74 3/77 4/74 5/77 6/77 Master Orifice: 42

I certify that this engine has been inspected I/A/W an annual type inspection and was found to be in airworthy condition. AD summary checked thru 2021-06

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under Service Order No. 63296 Dated: 4/13/21

James K Merced
FAA Approved Repair Station No. B2ER144
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

NOTE: Airframe AD's per Boshart's work order. Season w/ Jim 16 APR 2021

7/31/2021 FLIGHT: 1686.3 Hobbs: 1802.8

Drained oil, removed filter. Installed new AA48108-2 & serviced with 8 qts Phillips XC 20w-50 & CamGuard

Robert S. McHale
CO OWNER 3919921 *R. McHale*

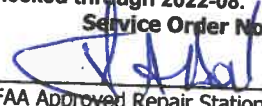


12/17/2021 FLIGHT: 1736.5 HOBBS: 1868.3




Drained oil, removed oil filter & inspected. Installed New AA48108-2 & serviced w/ 8qts Phillips 20w-50 & CamGuard.

Robert S. McHale
CO OWNER 3919921 *R. McHale*

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
ENGINE MODEL: J-360-ES (21) ENGINE S/N: 380834 REG. NO: N624CP WORK ORDER: 0666 Dedicated Aircraft Work 898 CR 1143 Tyler, TX 75704 Phone: 972-834-2476 DATE: 1/17/2019 A/C TSN: 1327.2 ENG TT: 1327.2 FLIGHTTIME: 1327.2					
Engine Entries Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2018-24... The engine compressions were checked with the following results: #1 66/80, #2 70/80, #3 68/80, #4 64/80, #5 70/80, #6 68/80. Master orifice 44/80. Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of AeroShell 100. Reinstalled the #2 cylinder P/N 655479 S/N ACC8AA243 after repair performed by Continental Motor Services on work order CS-8622 dated 12/11/2018. Adjusted the engine idle. Installed new #1 alternator bracket assembly P/N 657046, #1 alternator P/N ES-4024LP S/N H-S111108 and drive belt P/N 655627-1. Replaced the engine crank seal P/N 530917. Adjusted the L/H magneto to timing to 24 BTDC.					
I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.					
DATE: 1/17/2019 SIGNED: <i>Isaiah Daw</i> Work Order: 0666 Printed by EBis 3 (datcomedia.com)					
ENGINE MODEL: J-360-ES (21) ENGINE S/N: 380834 REG. NO: N624CP WORK ORDER: 0740 Dedicated Aircraft Work 898 CR 1143 Tyler, TX 75704 Phone: 972-834-2476 DATE: 3/16/2020 A/C TSN: 1474.5 ENG TT: 1474.5 FLIGHTTIME: 1474.5					
Engine Entries Performed engine 100HR/annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2020-05... The engine compressions were checked with the following results: #1 74/80, #2 72/80, #3 68/80, #4 68/80, #5 60/80, #6 68/80. Master orifice 45/80. Drained oil and took oil sample for analysis by Blackstone Laboratories. Removed filter, cut open and inspected. Installed new AA48108-2 filter and serviced with 8 quarts of AeroShell 100 mineral oil. Installed new #6 cylinder baffle fastener P/N 641346. Replaced 1 intake tube clamp P/N AN737TW74. Cleaned all the ignition harness spark plug lead insulator tips. Reinstalled the mechanical fuel pump P/N 649368-51A4 S/N B0BAA208 after overhaul performed by Mike's Aircraft Fuel Metering Service on work order 3652 dated 03/02/2020. Adjusted the takeoff fuel flow. Adjusted idle and idle mixture. Installed new set of spark plugs P/N URHM39E. Reinstalled the #1, 3, 4, 5 and 6 cylinder assemblies P/N 655479 in their original positions after repair performed by CMS on work order CS-9435 dated 03/06/2020. Performed ground break in procedures.					
I certify this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.					
DATE: 3/16/2020 SIGNED: <i>Isaiah Daw</i> Work Order: 0740 Printed by EBis 3 (datcomedia.com)					
4-27-2020 N624CP TACH: 1,505.3 HOBBS: 1,570.0 Drained Oil & cut open filter (Filter was clean) Installed new AA48108-2 & serviced with 8 Qts PHILLIPS 20W-50 & CAM GUARD. Operational Check Satisfactory. Robert Grandinetti A&P 2127956 I/A <i>Robert Grandinetti</i>					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
T/24/2020 FLIGHT: 1553.3 Hobbs: 1626.5 Drained oil, removed filter. Installed new AA 48108-2 & serviced with 8qts Phillips XC 20w-50 & CamGuard. Robert S. McHale 3919921 <i>R. McHale</i> co-owner					
10/14/2020 FLIGHT: 1599.5 Hobbs: 1687.3 Drained oil, removed filter. Installed new AA48108-2 & serviced w/ 8qts Phillips XC 20w-50 & CamGuard. Robert S. McHale 3919921 <i>R. McHale</i> co-owner					
N624CP ENGINE HOBBS: 1742.9 ENG TT: 1640.3 FT: 1640.3 Drain engine oil, remove oil filter and inspect. Install 8 quarts of Phillips 20w50 and new oil filter P/N: AA48108-2. Install new engine air filter P/N: BA24. Remove fuel injection nozzles, clean and reinstall. Tighten Alternator belt. Compression check readings: 1/78 2/74 3/77 4/74 5/77 6/77 Master Orifice: 42 I certify that this engine has been inspected I/A/W an annual type inspection and was found to be in airworthy condition. AD summary checked thru 2021-06 The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under Service Order No. 63296 Dated: 4/13/21 <i>James K. Howard</i> FAA Approved Repair Station No. B2ER144 Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020					
NOTE: Cam Guard added per Boshart's work order. Jason w/ Jim 16 APR 2021					
T/31/2021 FLIGHT: 1686.3 Hobbs: 1802.8 Drained oil, removed filter. Installed new AA48108-2 & serviced with 8qts Phillips XC 20w-50 & CamGuard. Robert S. McHale 3919921 <i>R. McHale</i> co-owner					
12/17/2021 FLIGHT: 1736.5 HOBBS: 1868.3 Drained oil, removed oil filter & inspected. Installed New AA48108-2 & serviced w/ 8qts Phillips 66XC 20w-50 & CamGuard. Robert S. McHale 3919921 <i>R. McHale</i> co-owner					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
N624CP Flight: 1762.6; Engine TT: 1762.6; ENGINE Drain engine oil, cut open and inspect oil filter. Collected oil sample. Installed new Tempest AA48108 oil filter and safety wire. Service engine with 8qts Phillips 20W50 oil and 12oz ASL CamGuard. Performed magneto 500-hour inspection on left and right magnetos IAW TCM Overhaul Manual X40000, checked coil and capacitor values, inspected impulse coupling IAW MSB645. Greased bearings, installed new oil seals. Installed new point sets and set point gap. Installed on engine and set magneto to engine timing to 24° BTDC. Cleaned, gapped and rotated spark plugs. Tightened alternator belt. Compressions: 1) 68 2) 75 3) 73 4) 66 5) 74 6) 78 Master Orifice Reading: 43 I certify that this engine has been inspected I/A/W an annual type inspection and was found to be in airworthy condition. AD summary checked through 2022-08. Service Order No. 63721 Date 4/14/2022  FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020					
6/14/2022 Cirrus SR-20 N624CP FT 1782.2 Hobbs 1930.0 S/N 36034					
Install 12 PMA RG-632310 Rocker Cover Silicone Gaskets IAW Installation and Maintenance Procedures. Mark McLaughlin  A&P 4336512					
9/3/2022 Hobbs: Flight: 1813.1					
Drained oil, removed filter and inspected. Installed new Tempest AA48108-2 filter and serviced with 8 qts of Phillips 66 XC 20W-50 and CamGuard. Robert S. McHale Co-owner 3919921 					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
N624CP Flight: 1865.8; Engine TT: 1865.8; Hobbs: 2043.9; ENGINE Drain engine oil, cut open and inspect oil filter. Collect oil sample. Installed new Tempest AA48108-2 oil filter and safety wire. Service engine with 7qts Phillips 20W50 oil and 12oz ASL CamGuard. Lubricated and checked engine control travels and operation. Checked magneto to engine timing. Installed 12 new spark plugs. Installed new BA-24 induction air filter. Installed new vernatherm valve and safety wired. Installed new heat exchanger muffler P/N A20559-002. Compressions: 1) 70 2) 71 3) 71 4) 66 5) 72 6) 72 Master Orifice: 42 I certify that this engine has been inspected I/A/W an annual type inspection and was found to be in airworthy condition. AD summary checked through 2023-08. Service Order No. 64211 Date 4/17/2023  FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020					
8/5/2023 Hobbs: 2115.1 Flight: 1926.2 Drained oil, removed filter and inspected. Installed new Tempest AA48108-2 and serviced with 7 qts of Phillips 66 XC 20W-50 and CamGuard. Robert S. McHale Co-owner 3919921 					
Cirrus SR20 N624CP S/N 360634 8/5/2023 Hobbs: 2115.1 Flight: 1926.2					
Installed new EGT Sensor for #3 cylinder P/N 16579-002. Installed new Oil Pressure Sensor P/N 12635-004. Installed one new PMA RG-632310, Rocker Cover Silicone Gasket, on #2 cylinder. Installed IAW Continental Maintenance Manual M-0, manufacturer's instructions, and standard maintenance procedures. Mark McLaughlin  A&P 4336512					
10/21/2023 N624CP Cirrus SR20 SN# 1947 Flight Hours: 1947.1 Hobbs: 2142.3 Installed new exhaust flange gaskets#1,3,5 Continental Part# 630365 Operational check Satisfactory Mark McLaughlin A&P 4336512 