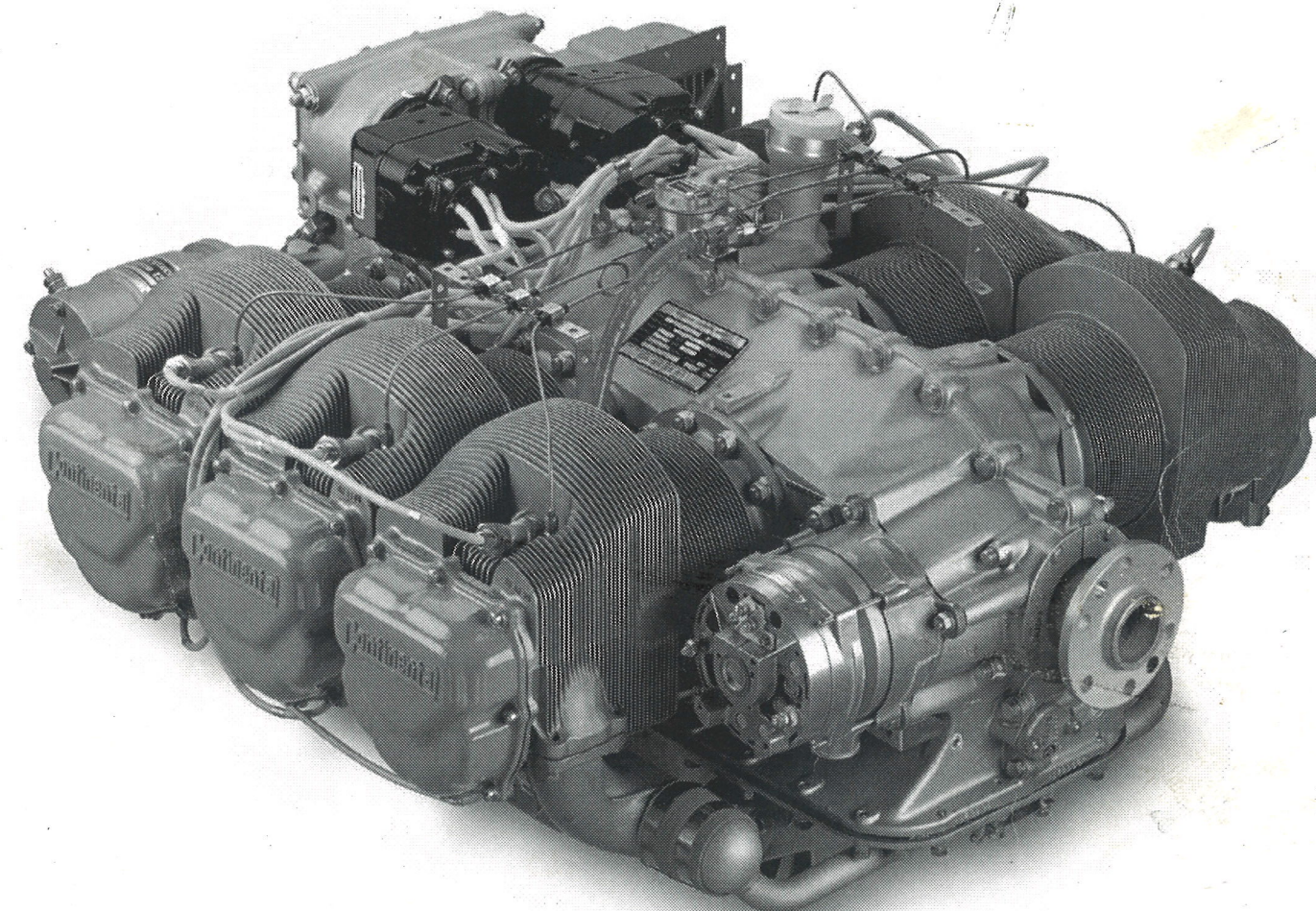


N624CP

# 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

FORM No. ELB-01  
© 2002 TELEDYNE TECHNOLOGIES INCORPORATED



**Teledyne Continental Motors, Inc.**

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.

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  
HOBBS: 27.8

Engine Entries

(8) (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 office 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 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.

DATE: 10/10/2008

SIGNED:

Mitch Knase  
Certified Repair Station No. YD5R855Y

Work Order: 12138-10-2008  
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  
HOBBS: 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.

DATE: 5/6/2009

SIGNED:

Richard A. Barnhart II, IA: 3124994

Work Order: 921  
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  
HOBBS: 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

SIGNED:

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  
HOBBS: 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

SIGNED:

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					
<div>ENGINE MODEL: IO360ES ENGINE S/N: 360634 REG. NO: N624CP WORK ORDER: 1643-03-2011</div> <div>Advanced Aircraft Services 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</div> <div>DATE: 3/8/2011 A/C TSN: 258.1 ENG TT: 258.1 HOBBS: 319.7</div>					
<b>Engine Entries</b> 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 Lifters, 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: Richard A. Barnhart II, IA 3124994AP Work Order: 1643-03-2011 Printed by EBis 3 (datcomedia.com)					
1 of 1					
<div>O&amp;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</div> <div>Pg 1 / 1</div> <div>Removed cowlings. 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.</div> <div>Signature: Larry G. Kriner Date: 6-7-2011</div> <div>ENGINE MODEL: IO360ES ENGINE S/N: 360634 REG. NO: N624CP WORK ORDER: 1840-07-2011</div> <div>Advanced Aircraft Services 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</div> <div>DATE: 7/15/2011 A/C TSN: 388.1 ENG TT: 388.1 HOBBS: 499.8</div> <div><b>Engine Entries</b> 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.</div> <div>I certify that this engine has been inspected IAW a 100hr inspection and was found to be in Airworthy condition.</div> <div>DATE: 7/15/2011 SIGNED: Derrick S. Miller, A&amp;P: 3221608 Work Order: 1840-07-2011 Printed by EBis 3 (datcomedia.com)</div>					

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					
<div>ENGINE MODEL: IO360ES ENGINE S/N: 360634 REG. NO: N624CP WORK ORDER: 1930-09-2011</div> <div>Advanced Aircraft Services 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</div> <div>DATE: 9/30/2011 A/C TSN: 417.3 ENG TT: 417.3 HOBBS: 417.3</div>					
<b>Engine Entries</b> Removed connecting plug located at 10:00. Repaired chafed wires, secured.					
<b>Maintenance Release</b> The aircraft and/or component(s) of Title 14 of the Code of Federal Regulations are available at this facility.					
DATE: 9/30/2011					
<div>O&amp;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</div> <div>Pg 1 / 1</div> <div>Performed an annual/100/50 Manual check list ch. 5-20 test: cyl. #1-75/80; #2-70/80. Serviced with Phil 100W-50 oil. Inspected with no defects and sent to Aviation Labor. Aircraft Maintenance Manual repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service under work order No. 15728 annual inspection and was approved.</div> <div>NOTE: NEXT 100-HOUR INSPECTION</div> <div>Signature: Larry G. Kriner Date: 9-30-2011</div> <div>ENGINE MODEL: IO360ES ENGINE S/N: 360634 REG. NO: N624CP WORK ORDER: 1840-07-2011</div> <div>Advanced Aircraft Services 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</div> <div>DATE: 7/15/2011 A/C TSN: 388.1 ENG TT: 388.1 HOBBS: 499.8</div> <div><b>Engine Entries</b> 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.</div> <div>I certify that this engine has been inspected IAW a 100hr inspection and was found to be in Airworthy condition.</div> <div>DATE: 7/15/2011 SIGNED: Derrick S. Miller, A&amp;P: 3221608 Work Order: 1840-07-2011 Printed by EBis 3 (datcomedia.com)</div>					

1. Approving National Aviation Authority/Country:		2. AUTHORIZED RELEASE	
FAA/United States		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: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> 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 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 and materials.			
Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft must be inspected and approved by user/installer before aircraft may be flown.			
FAA Form 8130-3 (6-01) * Installer must cross check eligibility with applicable technical data.			



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

ENGINE MODEL:  
ENGINE S/N: 380634  
REG. NO: N624CP  
WORK ORDER: 08141-07-2016

### US Flight Aircraft Maintenance

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 Camgaud  
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, A&P: 3402681

Work Order: 08141-07-2016

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ENGINE MODEL:  
IO-360-ES (21)  
ENGINE S/N: 380634  
REG. NO: N624CP  
WORK ORDER: 0531

Dedicated Aircraft Work

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:

Isalah Daw, A&P: 2594100

Work Order: 0531

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7 August 2016	1002.7 Flight		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 1 2017	1088.1 Flight		Drained oil, removed filter, took oil sample, Installed new, lubed filter, torqued. 6qts W100 oil + 1/2 camguard.
April 28, 2017	1128.3 Flight		Drained oil overnight, took sample, removed filter, installed new, lubed filter, torqued. 6qts 20w-50 + 1/2 camguard



Date

Total Time

Time Since Last Overhaul

Hrs.

Min.

Hrs.

Min.

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 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 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, A&P: 2594100  
Work Order: 0666  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-360-ES (21)  
ENGINE S/N:  
REG. NO: N624CP  
WORK ORDER: 50665

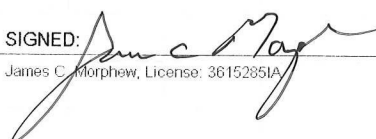
Turbine Aircraft Services LLC  
7101 Millionaire Drive, Hangar 21  
Bethany, Oklahoma 73008

DATE: 6/24/2016  
A/C TSN: 936.7  
ENG TT: 936.7  
TSMCH:  
HOBBS: 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, License: 36152851A  
Work Order: 50665  
Printed by EBis 3 (datcomedia.com)

1 of 1

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, IA: 2594100  
Work Order: 0549  
Printed by EBis 3 (datcomedia.com)

Date

Total Time

Time Since Last Overhaul

Hrs.

Min.

Hrs.

Min.

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

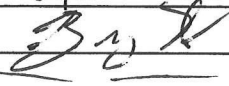
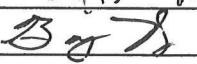
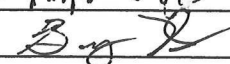
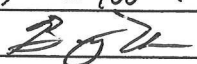
DATE: 11/7/2017  
A/C TSN: 1217  
ENG TT: 1217  
FLIGHTTIME: 1217

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, IA: 2594100  
Work Order: 0617  
Printed by EBis 3 (datcomedia.com)

Oil Changes	2019, Since Annual	
April 11, 2019	1412.8 <del>Flight</del> Hobbs	Drained Oil, Removed Filter, installed new Filter, torqued and safety wired. Cut Filter. Lots W100 oil + 1/2 Camguard. 
April 21, 2019	1436.9 Hobbs	Quick second change after long travel. Drained oil, removed filter, installed new filter and torqued. Lots W100 oil + 1/2 camguard 
June 23, 2019	1478.1 Hobbs	Warmed oil, drained. Removed filter, installed new one, torqued, tested w/ pattern before Oshkosh Fair. Lots W100 + 1/2 camguard 
October 23, 2019	1513.7 Hobbs	Drained oil, Removed filter, installed new one. Torqued, safety wired, and then tested. Lots W100 + 1st camguard. 



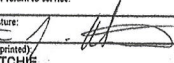
[illegible]

**It is important that the user/installer ensure that the aircraft is maintained in accordance with the national regulations by the user/installer before the aircraft may be flown.**

**Where the user/installer performs work in accordance with the national regulations of an airworthiness approval, the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness approval. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance must be performed in accordance with the national regulations of an airworthiness approval before the aircraft may be flown.**

FAA Form 8130-3 (6-01)      \* Installer must cross-check eligibility with applicable technical data.      NSN: 0052-00-012-9005      (16)

\*Installer must cross-check

1. Approving National Authority: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 39739	
4. Organization Name and Address: New England Propeller Service, Inc. FAA RSN RC2R190L EASA 145.6972		5. P.O. Box 244 East Haddam, CT 06423-2368 (860) 873-1494 ~ Fax: (860) 873-2388		6. Work Order/Contract/Invoice Number: CR-39739			
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	PROPELLER GOVERNOR	C290D3R/T23	N/A	1	071712	OVERHAULED	
13. Remarks: THIS COMPONENT WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH MANUFACTURER'S MANUAL(S): 780401R8 AND SPH100.4. THE FOLLOWING WORK WAS PERFORMED:							
<p>THIS GOVERNOR WAS OVERHAULED. GOVERNOR DISASSEMBLED AND CLEANED. PARTS VISUALLY, DIMENSIONALLY AND NDT INSPECTED. PARTS REPLACED AS REQUIRED. PARTS PAINTED AS NECESSARY. GOVERNOR ASSEMBLED, BENCH TESTED AND CALIBRATED TO MANUFACTURER'S SPECIFICATIONS. THE FOLLOWING APPLICABLE AIRWORTHINESS REGULATIONS AND SERVICE BULLETINS WERE COMPLIED WITH: NONE. END.</p>							
<p>NEW ENGLAND PROPELLER SERVICE, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145, DEIVED IN ED DECISION 2004/04CF, AS AMENDED BY ED DECISION 2007/001C AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART - 145 APPROVAL NUMBER: EASA 145.6972.</p>							
14. Certifying the items identified above were manufactured in conformity to:  Approved design data and are in a condition for safe operation.  Non-approved design data specified in Block 13.				15. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13  Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Certificate Number:	
				 22. Name (Typed or printed): STEVEN J. RITCHIE		RC2R190L 23. Date (m/d/y): MARCH 14, 2013	
<p align="center"><b>User/Installer Responsibilities</b></p> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensure that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Block 14 and 19 do not constitute limitation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>							