

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

ENGINE DATA

1. Make Continental motors
2. Model IO-360-ES
3. Specification 6B
4. Manufacturer's Serial Number 357969
5. Date of Manufacture 4/1/2005
6. Aircraft Inspection Cycle _____



Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED (INSPECTION, REPAIR, OVERHAUL, ETC.)
	HOURS	min	HOURS	min	Sub Total	TOTAL	

IO-360-ES6 Major Overhaul August 2017

Major overhaul of Continental IO-360-ES6 S/N 357969 is "O" SMOH. All parts reused were cleaned, inspected and overhauled at repair stations as listed. Work performed IAW Continentals Motors M-7 IO-360 series engine maintenance and overhaul manual and M-O Standard Practice Maintenance manual. Work included: clean, inspect, dimensionally check crankshaft WFMT ASTM E1444 And Polish. Rebush CWT Blades: install CWTS. Mains are STD. and rods are STD. Connecting rods were cleaned, inspected, WFMT ASTM E1444, rebus, hone bushings to size & weigh rods. New rod bolts # 655959 and nuts # 654487 were installed. Metal parts: oil pump impellers and drive gears were cleaned, inspected & WFMT ATSM E1444. Installed new oil pump dual pressure springs and plunger. Camshaft was cleaned, inspected, regrind, WFMT ASTM E1444 & parco. Installed new lifters, part # SA633106. Rocker arms were Cleaned, inspected WFMT ASTM E1444, dimensionally check: no defects found. All above work was performed by D&S Camshaft Corp in Edgewater, Florida. CrankCase Services Inc. overhauled the crankcase for return to service with 8130-3 form, CSI-27123, W.O. # 27123. Six (6) Factory new cylinders were installed with 8130-3 form # 490229, part # 658601A3BP. Engine was "Run In" at Zephyrhills Engine Shop and was found to be ready for return to service.

Engine is "O" SMOH. End.

Signed

Gino DiNucci

A/P I/A

1550725
Authorization Number

Aircraft Products, LLC

Date: 8/17/17	Tach Time:
Engine T.T. 1650.01	
Model: IO-360-ES	S/N: 357969
W.O. #: 217190	

Engine test ran on calibrated gauges. Engine parameters are found to be with in Continental recommendations per Continental overhaul manual. Owner has been advised that fuel pump should be overhauled do to improper mixture control. End Work done.

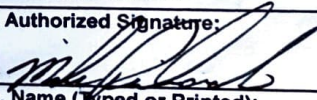
This engine or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of these repairs are on file at this agency under the W.O. # listed above.

ZEPHYR AIRCRAFT ENGINES Inc.
 39320 Avenue B Zephyrhills FL 33542
 F.A.A. APPROVED REPAIR STATION # V14830751
 (813) 788-3305 FAX (813) 788-4417

Authorized Signature 

TOTALS
SINCE NEW

CARRY FORWARD to Top of Next Page

1. Approving Civil Aviation Authority/Country: FAA/ United States		2.		3. Form Tracking Number: 60122	
4. Organization Name and Address:		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG PROFESSIONAL AIRCRAFT ACCESSORIES INC. 14 EAST MAIN ST. AMELIA, OH 45102 PHONE (513)732-3361 FAX (513)752-1332		5. Work Order/Contract/Invoice Number: 60122	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	FUEL PUMP	R-649368-74A4	1	B10KA161R	OVERHAULED
12. Remarks: THIS PART WAS OVERHAULED & TESTED IN ACCORDANCE WITH OVERHAUL MANUAL PAA1000 REV 2. AND IN ACCORDANCE WITH CURRENT FAA REGULATIONS. S/B 00-10 C/W.					
13a. Certifies 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 12.			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		14c. Approval/Certificate No.: CRS# PO5R554Y	
				14d. Name (Typed or Printed): MIKE RICHARDS	
				14e. Date (dd/mmm/yyyy): 23/AUG/2017	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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 ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation 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.					

TAMPA BAY AVIATION

AIRPLANE & HELICOPTER SERVICES

N923TL

Date: 10/12/17
Tach: 1650.01
EngTT: 1650.01
EngTSMOH: 0.00
Model: IO-360-
ES6B
Eng S/N: 357969

Performed an Annual inspection IAW TCM IO-360 Maintenance Manual and FAR part 91 Appendix D, Next due: 10/2018; Engine was removed, overhauled, and reinstalled; Engine was tested by Zephyr Engines; Pre-lubed engine; Replaced fuel pump with O/H unit S/N B10KA161R; Serviced engine with Aeroshell 100 Mineral oil and one CH48108-1 oil filter; Adjusted idle mixture, idle fuel pressure, high fuel pressure, and prop RPM; Performed 500 hour magneto inspection on both magnetos IAW TCM magneto support manual, timed magnetos internally and to the engine; Replaced BA-24 bracket air filter; Performed ground runs and test flight- No discrepancies noted at this time.

Checked AD's through 2017-20 T-data. No AD's due at this time.

I certify this Engine has been inspected IAW an Annual inspection and was determined to be in an airworthy condition on this date

[Signature] AWP3559759IA

Tampa Bay Aviation

1000 N Hercules Ave. Clearwater, FL. 33765 EngSN: 357969

11/27/17 Tach: 1675.7 EngTSMOH: 25.69 AC S/N: 1521

Removed oil and filter. Replaced filter with new P/N CH48108-1 and serviced w/ 8qts of Aeroshell W100Plus. Ground run and leak check good.

Chris Metzger

A&P3703920

TAMPA BAY AVIATION

AIRPLANE & HELICOPTER SERVICES

Tampa Bay Aviation

1000 N Hercules Ave. • Clearwater, FL 33765
727-461-5229 • Fax 727-441-1909

N923TL

Date: 04/20/2018
Acft S/N: 1521
AFTT: 1747.7

EngTT: 1747.7
TSMOH: 97.9
Model: IO-360-ES6B
Eng S/N: 375969

Ann Due: 10/2018

Performed a 100 hour inspection IAW Continental MM, and FAR 43 App. D, Next 100 hour due: 1847.7 AFTT; removed oil and filter, cut and inspected filter and checked sump screen, no defects noted, replaced filter with new p/n: CH48108-1 and serviced with 8 qts Aeroshell W100 plus; rerouted left and right baffle springs; added sealing tape to oil pressure sensor and fitting left side of engine sump; set alternator belt tension and secured and safetied; torques and safetied control rod to governor bell crank hardware; ground run and leak checked good; Airworthiness Directives checked through 2018-06 T-Data- no AD's due at this time.

I certify this Engine has been inspected IAW a 100 Hr inspection and was determined to be in an airworthy condition on this date

Jason Bandura

[Signature]

End of entry

AP3674809

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

Aviation
Clearwater, FL 33762
727-507-8887

Section 3A: Engine Service and Maintenance

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL

DESCRIPTION OF WORK PERFORMED:
(INSPECTION, REPAIRS, REPLACEMENT)

BROUGHT FORWARD →
RexAir Maintenance Center - 304 Citation Point Naples, FL - Tel. 239-649-8822
03/30/2018 N923TL Cirrus SR-20 S/N 1521 Hobbs: 1747.7 Tach: 42.6
Maintenance: ENGINE WO# 4471

Removed #6 cylinder and replaced with factory new assembly under TCM warranty. Installed all new gaskets and seals. Also replaced rocker arm shafts with new TCM supplied parts, as required. Installation was done IAW Cirrus Aircraft and TCM IO360 MM. Checked mag timing and reset to required timing. Set up fuel system IAW TCM SBSID97-3. Drained oil and replaced filter. Installed new AA48108-2 filter and 8 qts AS100W mineral oil. Ground run was normal no leaks found. -----end-----

Bill Ahmann *Bill Ahmann* A&P3688958

TAMPA BAY AVIATION **TBA**
Fixed Wing and Helicopter Flight Training - Charters - Repairs - Airframe - Airframe - Airframe

N923TL 06/20/2018 AFTT: 1774.3 Acft S/N: 1521
Engine S/N: 357969

Replaced engine oil and filter; Serviced with 8 qts of Aeroshell W100 plus and one CH48118-1 oil filter; Ran Acft - No leaks noted.

Eric Jones *Eric Jones* A&P3559759

TAMPA BAY AVIATION **TBA**
Fixed Wing and Helicopter Flight Training - Charters - Repairs - Airframe - Airframe - Airframe

N923TL 08/01/2018 AFTT: 1801.7 Acft S/N: 1521
Eng S/N: 357969

Replaced R/H magneto p/n: 6314 s/n:13120285 with overhauled p/n: 6314 s/n: G-05646; Replaced R/H magneto gasket; Adjusted R/H magneto-to-engine timing; adjusted engine idle and idle

G-07129 and new
and leak check good.

1. Approving Civil Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: G-07129	
4. Organization Name and Address: Kelly Aerospace Energy Systems, 1400 E. South Blvd., Montgomery, AL 36116 (9KJR356C)					5. Work Order/Contract/Invoice Number: KES1807-88	
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	MAGNETO 6300 SERIES	6314	1	G-07129	OVERHAULED	
12. Remarks: OVERHAULED IN ACCORDANCE WITH REPAIR SPECIFICATIONS KAES 3000 DATED JUNE 2014 AND WHERE APPLICABLE CHAMPION AEROSPACE OVERHAUL MANUAL L-1363G, DATED OCTOBER 2017. SERVICE BULLETINS COMPLIED WITH: SB1-07, SB2-08B, SB1-12, SB3-08A, SB3-08B, SB1-00C FULL DETAILS OF WORK CARRIED OUT PER WORK ORDER NO. KES1807-88 CERTIFIES THAT THE WORK IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH TITLE 14, CODE OF FEDERAL REGULATIONS, PART 43 AND WITH EASA PART 145. WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL CERTIFICATE NUMBER EASA.145.6588 AND BY THE FAA AIR AGENCY CERTIFICATE NUMBER 9KJR356C.						
13. Certifies 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 12.			14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:
				 STANLEY K. TINDAL		9KJR356C
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
						23 JUL 2018
User/Installer Responsibilities						
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 ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation 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.						

TAMPA BAY AVIATION

Fixed Wing and Helicopter Flight Training - Charters - Maintenance

N923TL 09/10/2018

Replaced nose tire with
flap up and down relay

Jason Bandura

TAMPA BAY AVIATION

Fixed Wing and Helicopter Flight Training - Charters - Maintenance

N923TL 9/12/2018 AFTT

Removed oil and filter, cut and
qts. Aeroshell W100 Plus, ground

Jason Bandura

TAMPA BAY AVIATION

AIRPLANE & HELICOPTER SERVICES

727-461-5229 • Fax 727-441-1909

N923TL

Date: 10/03/2018

A/cft S/N: 1521

AFTT: 1827.2

EngTT: 1827.2

TSMOH: 0177.2

Model: IO-360-ES6B

Eng S/N: 357969

Ann Due: 10/2019

Performed an Annual/100 Hour Engine inspection of Continental IO-360-ES6B IAW Continental MM section 6-3.4 and Cirrus SR20 inspection criteria, next 100 Hour next due: 1927.2 AFTT, next Annual next due: 10/31/19; Compressions were 1) 74/80, 2) 64/80, 3) 62/80, 4) 72/80, 5) 75/80, 6) 72/80 master orifice pressure was 44; replaced oil filler cap seal with new p/n: 642892; cleaned and gapped all spark plugs; removed oil and filter, cut and inspected filter no defects noted, replaced filter with new p/n: CH40108-1 and serviced with 8 Qts Aeroshell W100 Plus, ground run and leak checked good; AD's checked through TData 2018-18 and found to be complied with at this time.

I certify this Engine has been inspected IAW an Annual/100 Hr inspection and was determined to be in an airworthy condition on this date

Jason Bandura

End of entry

IA3674809

Sarasota Avionics Inc Tampa (TPA)

845 Severn Ave. Tampa, FL 33606

Tail No.: N923TL Continental: IO-360-ES6B Serial Number: 357969

Date: 03/04/19 Work Order: M775

Flight Hobbs: 150.60 Hobbs: 1914.00 ETT: 1914.00 SMOH: 264.00

Engine



C/W Cirrus annual inspection IAW Cirrus checklist.

Compression: 1=76 2=64 3=62 4=74 5=74 6=70. Drain oil. Took sample. Install new CH48108-1 oil filter. Cut and inspect old filter and found no contamination. Service engine with 8qts Phillips 20W50. Set magneto timing. Clean, gap and check all plugs. Lube all rod ends. Install new EGT probe on #1 cylinder. C/W SB2X28-12R1 fuel pump inspection. Performed ground op/leak check noting no discrepancies. All AD's through 03/04/2019 checked and complied with.

I certify all work done to the aircraft and/or component identified above was done in accordance with a Cirrus annual inspection and current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

Wayne E. Childers Jackson

Wayne E. Childers Jackson A&P3440160IA

Section 3A: Engine Service and Ma...

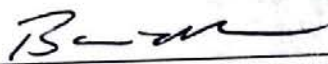
DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL

DESCRIPTION OF WORK PERFORMED
(INSPECTION, REPAIRS, REPLACEMENT)

BROUGHT FORWARD 

RexAir Maintenance Center - 304 Citation Point Naples, FL - Tel. 239-649-8822
03/30/2018 N923TL Cirrus SR-20 S/N 1521 Hobbs: 1747.7 Tach: 42.6
Maintenance: ENGINE WO# 4471

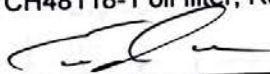
Removed #6 cylinder and replaced with factory new assembly under TCM warranty. Installed all new gaskets and seals. Also replaced rocker arm shafts with new TCM supplied parts, as required. Installation was done IAW Cirrus Aircraft and TCM IO360 MM. Checked mag timing and reset to required timing. Set up fuel system IAW TCM SBSID97-3. Drained oil and replaced filter. Installed new AA48108-2 filter and 8 qts AS100W mineral oil. Ground run was normal no leaks found. -----end-----

Bill Ahmann  A&P3688958

TAMPA BAY AVIATION TBA
Fixed Wing and Helicopter Flight Training - Charters - Maintenance - Aerial Photography - Tours

N923TL 06/20/2018 AFTT: 1774.3 Acft S/N: 1521
Engine S/N: 357969

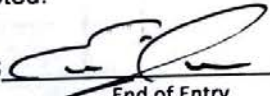
Replaced engine oil and filter; Serviced with 8 qts of Aeroshell W100 plus and one CH48118-1 oil filter; Ran Acft - No leaks noted.

Eric Jones  A&P3559759

TAMPA BAY AVIATION TBA
Fixed Wing and Helicopter Flight Training - Charters - Maintenance - Aerial Photography - Tours

N923TL 08/01/2018 AFTT: 1801.7 Acft S/N: 1521
Eng S/N: 357969

Replaced R/H magneto p/n: 6314 s/n: 13120285 with overhauled p/n: 6314 s/n: G-05646; Replaced R/H magneto gasket; Adjusted L/H and R/H magneto-to-engine timing; adjusted engine idle and idle mixture; Replaced starter p/n: C24ST5 s/n: 4C5-221015 w/serviceable p/n: C24ST5 s/n: 4C5-051411; Inspected ignition switch-found ok; Inspected all spark plugs-found ok; Replaced all spark plug gaskets; Performed ground run and operational checks- no discrepancies noted.

Eric Jones  A&P3559759
End of Entry

TAMPA BAY AVIATION TBA
Fixed Wing and Helicopter Flight Training - Charters - Maintenance - Aerial Photography - Tours

N923TL 08/20/2018 AFTT: 1817.0 ACS/N: 1521 ENS/N: 357969

Removed right magneto p/n: 6314 s/n: G-05646 and replaced with overhauled magneto same p/n, s/n: G-07129 and new gasket p/n: 12681 timed to engine 24 degrees BTDC compressions stroke cylinder 1, ground run ops and leak check good.

Jason Bandura  AP3674809

PREVIOUS
TOTALS

TOTALS
SINCE NEW

CARRY FORWARD to Top of Next Page 

TAMPA BAY AVIATION TBA

Fixed Wing and Helicopter Flight Training - Charters - Maintenance - Aerial Photography - Tours

N923TL 09/10/2018 Hobbs: 140.0 AFTT: 1820.0 AC S/N: 1521

Replaced nose tire with new p/n: 505C66-5 s/n: 73422221, balanced, serviced and installed on aircraft, replaced flap up and down relays with new p/n: 0-332-209-204 ops check good.

Jason Bandura

AP3674809

TAMPA BAY AVIATION TBA

Fixed Wing and Helicopter Flight Training - Charters - Maintenance - Aerial Photography - Tours

N923TL 9/12/2018 AFTT: 1822.4 ACS/N: 1521 ENS/N: 357969

Removed oil and filter, cut and inspected filter, no defects noted, replaced filter with new p/n: CH48110-1 and serviced with 8 qts. Aeroshell W100 Plus, ground run and leak checked good.

Jason Bandura

AP3674809

TAMPA BAY AVIATION

AIRPLANE & HELICOPTER SERVICES

Tampa Bay Aviation

1000 N Hercules Ave. • Clearwater, FL 33765
727-461-5229 • Fax 727-441-1909

N923TL

Date: 10/03/2018

Acft S/N: 1521

AFTT: 1827.2

EngTT: 1827.2

TSMOH: 0177.2

Model: IO-360-ES6B

Eng S/N: 357969

Ann Due: 10/2019

Performed an Annual/100 Hour Engine inspection of Continental IO-360-ES6B IAW Continental MM section 6-3.4 and Cirrus SR20 inspection criteria, next 100 Hour next due: 1927.2 AFTT, next Annual next due: 10/31/19; Compressions were 1) 74/80, 2) 64/80, 3) 62/80, 4) 72/80, 5) 75/80, 6) 72/80 master orifice pressure was 44; replaced oil filler cap seal with new p/n: 642892; cleaned and gapped all spark plugs; removed oil and filter, cut and inspected filter no defects noted, replaced filter with new p/n: CH40108-1 and serviced with 8 Qts Aeroshell W100 Plus, ground run and leak checked good; AD's checked through TData 2018-18 and found to be complied with at this time.

I certify this Engine has been inspected IAW an Annual/100 Hr inspection and was determined to be in an airworthy condition on this date

Jason Bandura

End of entry

IA3674809

Sarasota Avionics Inc Tampa (TPA)

845 Severn Ave. Tampa, FL 33606

Tail No.: N923TL Continental: IO-360-ES6B Serial Number: 357969

Date: 03/04/19 Work Order: M775

Flight Hobbs: 150.60 Hobbs: 1914.00 ETT: 1914.00 SMOH: 264.00



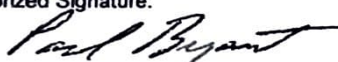
C/W Cirrus annual inspection IAW Cirrus checklist.

Compression: 1=76 2=64 3=62 4=74 5=74 6=70. Drain oil. Took sample. Install new CH48108-1 oil filter. Cut and inspect old filter and found no contamination. Service engine with 8qts Phillips 20W50. Set magneto timing. Clean, gap and check all plugs. Lube all rod ends. Install new EGT probe on #1 cylinder. C/W SB2X28-12R1 fuel pump inspection. Performed ground op/leak check noting no discrepancies. All AD's through 03/04/2019 checked and complied with.

I certify all work done to the aircraft and/or component identified above was done in accordance with a Cirrus annual inspection and current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

Wayne E. Childers Jackson

A&P3440160IA

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		Authorized Release Certificate FAA Form 8130-3, Airworthiness Approval Tag				3. Form Tracking Number: 791105906300-018	
4. Organization Name And Address: GOODYEAR TIRE & RUBBER CO. 100 BUSINESS CENTER DRIVE STOCKBRIDGE, GA 30281						5. Work Order/Contract/Invoice Number: 791105906300	
6. Item: 7. Description: 8. Part Number: 9. Quantity: 10. Serial Number:						11. Status/Work:	
1		5.00-5		505C66-5		28	
				SEE BLOCK 12 - REMARKS		NEW	
12. Remarks: TSOC62D AIRWORTHINESS APPROVAL							
73342002 73342004 73342011 73342017 73342405 73372223 73382184 73392006 73402014 73412009 73412012 73412127 73412348 73412349 73422046 73422054 73422205 73422221 73422387 73482358 73512034 73512202 73512212 73512232 73512233 73512237 73512239 73512481							
13a. Certifies the items identified above were manufactured in conformity to:				14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12			
☒ Approved design data and are in a condition for safe operation. ☐ Non-Approved design data specified in Block 12.				Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: PT2265CE		14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): PAUL BRYANT		13e. Date (dd/mm/yyyy): 18/JAN/2018		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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 ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation 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.							

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
BROUGHT FORWARD							

Sarasota Avionics Inc Tampa (TPA) Engine
 845 Severn Ave. Tampa, FL 33606
 Tail No.: N923TL/Continental/IO-360-ES/Serial Number: 357969
 Date: 9/1/2020 Work Order: M2063
 Hobbs: 1924.0 Flt Hobbs: 154.6 Engine TT: 1924.0 TSMOH: 274.0



I certify that this engine has been inspected IAW FAR43 Appendix D using AMM chap. 05-20 annual/100 hour inspection checklist and was determined to be in an airworthy condition and is approved for return for service. All applicable airworthiness directives through 9/1/2020 have been reviewed and/or complied with. List in logbook. Engine Compressions 1-76, 2-61, 3-65, 4-70, 5-73, 6-73. Performed oil change, serviced engine with 8qts Phillips 20W50 X/C. Cut and inspected old oil filter, no metal found. Cleaned, gapped and tested all spark plugs, reset mag timing to 24 deg. BTDC, lubed and checked engine controls. Replaced induction air filter. C/W AD 2008-11-18 and SB2X-78-07R1 Exhaust heat exchanger inspection and pressure check, no defects. Adjusted alternator belt tension. Performed ground run up, and all applicable leak and ops checks good.

Signature

Steven D. Reifeis A&P3505535IA



DATE: 6-17-21
 F.Hobbs: 0161.8

N923TL

CIRRUS SR20
 Hobbs: 1,936.0

Drained oil from engine. Removed and Replaced engine quick drain pin S6250. Serviced engine with 7 quarts of Phillips 20w 50. Ran engine for leak check, none noted at this time.

Signed

Signature

A&P 3730585



N923TL
 Model: SR20

DATE: 07/07/2020
 SN: 1521

Hobbs: 1915.5

THIS PAGE
TOTALS

PREVIOUS
TOTALS

TOTALS
SINCE NEW

- Visual inspection of exterior of Airframe, engine, and interior and found no abnormalities
- Preflight done in accordance with POH.
- Ran up aircraft and found all limits were within parameters.
- Checked Ads and are complied with. This aircraft, N923TL, has been inspected and found to be safe for the intended Ferry Flight.

Signature

Edmar Marin-Mendez AP 3538381

Next Page



CIRRUS SR20
CONTINENTAL IO-360-ES
DATE: 10-5-2021

N923TL
ENGINE
HOBBS:1,938.9

ETT: 1,938.9

S.N. 1521
S.N. 357969
SMOH: 288.89

ICENCE:
AME or
AMO/ACA

Performed routine inspection IAW part 43 appendix D using A.M.M chap. 05-20 annual/100 hour inspection checklist as a guide. Performed compression check. #1 68/80, #2 56/80, #3 65/80, #4 64/80, #5 74/80, #6 62/80. Cleaned, gapped, tested and rotated spark plugs; Cleaned all fuel injectors; Replaced one spark plug pn RHM-38E; Replaced fuel divider cap pn AN929-3J; Replaced all rocker cover gaskets pn 655704; Replaced Camshaft hole cover gasket pn 653415; Checked Airworthiness Directive thru 2021-20/21 Triton Aviation Data Corp. No ADs due at this time.

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an airworthy condition.

Signed

Y. Y. Li

A&P 3730585IA

Sarasota Avionics/Maintenance Tampa (TPA)
845 Severn Ave. Tampa, FL 33606

Engine

Tail #: N923TL Continental: IO-360-ES Serial #: 357969
Date: 10/27/2022 Work Order: M3590
Tach: 169.4 TSMOH: 288.8 Engine TT: 1950.2



Removed high tension leads. Removed lower spark plugs and performed compression test. Results as follows: 1)68 2)62 3)62 4)65 5)72 6)73, master orifice: 45/80. Removed upper spark plugs. Drained oil and took blackstone oil sample. Removed oil filter and replaced with new (P/N: AA48108-2). Cut old oil filter and inspected with no defects noted. Serviced engine with 8 qts. of 20W50 oil. Checked magneto timing. Reinstalled all spark plugs and torqued. Reinstalled high-tension leads. Performed post maintenance run up with no leaks or defects noted.

All AD's checked and complied with through 10/27/2022.

I certify that this engine has been inspected in accordance with Annual inspection as per 14CFR43, Appendix D, using the manufacturer's checklist and current Federal Regulations as guidelines. This engine was found to be in airworthy condition and approved for return to service.

Minh Nguyen:

M. Nguyen

A&P 3770190 IA



N923TL
ETT:1960.4
ESMOH: 299.0
Model: Cont IO-360-ES

DATE: 5/1/2024
PTT: 1960.4
PSMOH: 299.0
SN: 357969

TTA: 1960.4

Powerplant

- Annual inspection performed in accordance with Continental Motors Maintenance Manual
- Compressions #1 72 #2 60 #3 68 #4 68 #5 74 #6 70
- Drained oil and serviced with 8 quarts of Phillips 20-W50
- R&R oil filter with new PN: 48108-1
- Cut and inspected old oil filter with no defects noted
- Bi-weekly ADs complied with through: 2024-10
- Work performed IAW current FAA regulations.
- Performed ground run. No leaks or Abnormalities found at this time.
- I certify that this **engine** has been inspected in accordance with **ANNUAL** inspection and was determined to be in **AIRWORTHY** condition.

Clinton Manning

AP 3785393IA

Section 3A: Engine Service and Maintenance Log

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