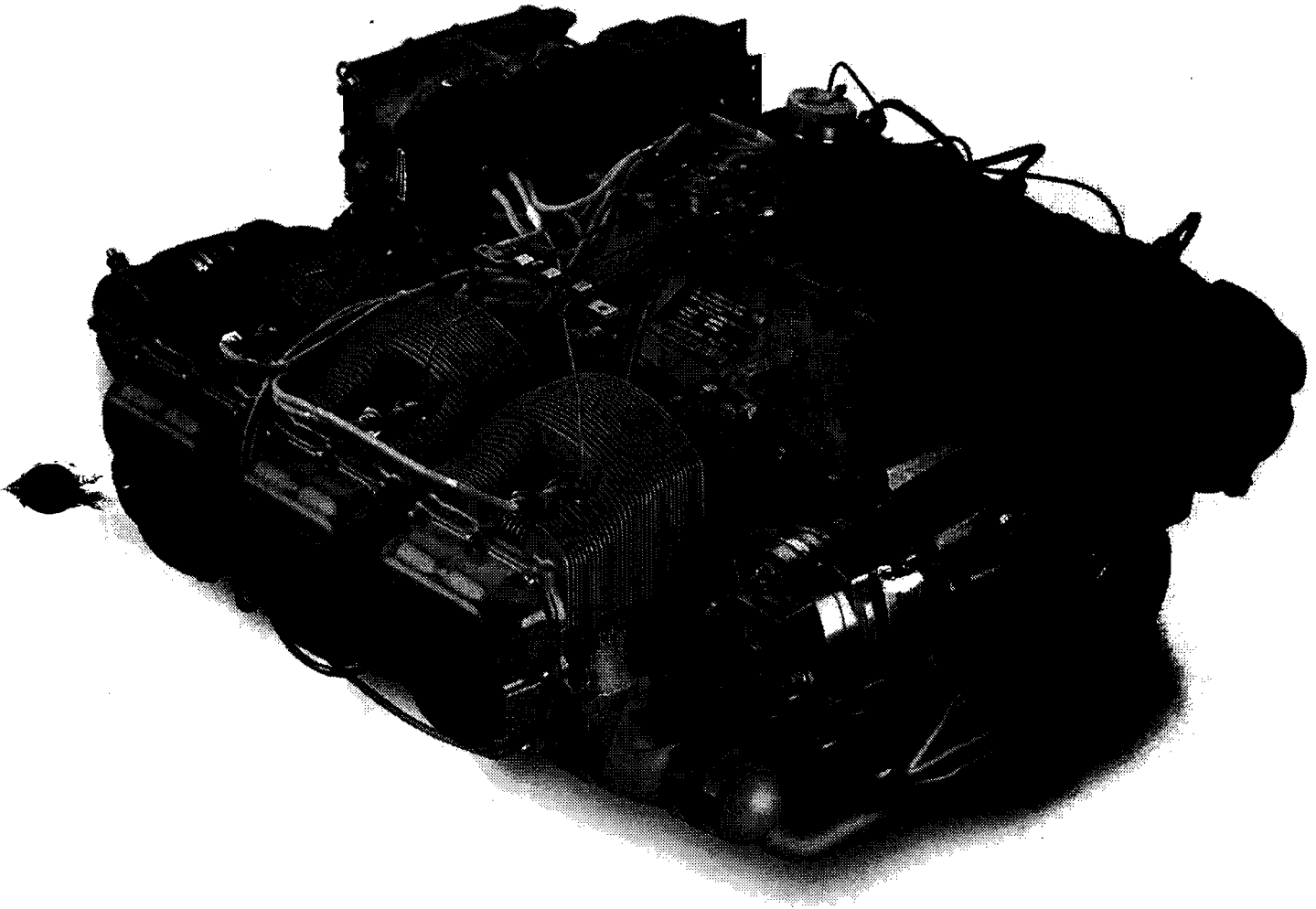


ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

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:

**Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310**

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



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 08/28/2003

This engine model 10360ES6, Serial No. 357636 was manufactured on 08/28/2003 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

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 LOG
N8152N

Make: Continental, Model: IO-360-ES, S/N: 357636

12DEC03 at 29.9 hrs Hobbs & Total Time Engine. Drained engine oil and refilled with Phillips 20W50 XC. Replaced oil filter CH48108. Inspected filter for contamination, none found. Ground run OK. W.O. M2440.

Signed:  for:
Hillsboro Aviation Inc. FAA Approved Repair Station # LJER-093G
3565 NE Cornell Road, Hillsboro, OR 97124 Phone (503)648-2831

END



ENGINE LOG
N8152N

Make: Continental, Model: IO-360-ES, S/N: 357636

27 January 2004 at 79.4 hrs Hobbs & Total Time Engine. Changed engine oil. Added 8 Qts of Phillips 20W50 XC oil and replaced filter CH48108. Inspected filter for contamination. None found. W.O. M2456.

Signed:  for:
Hillsboro Aviation Inc. FAA Approved Repair Station # LJER-093G
3565 NE Cornell Road, Hillsboro, OR 97124 Phone (503)648-2831

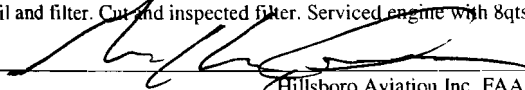
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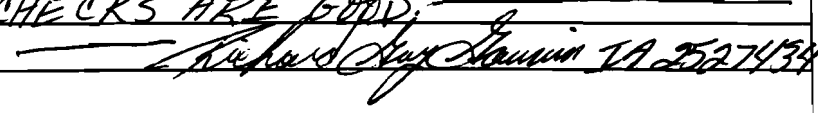
ENGINE LOG
N927PP

Make: Continental Model: IO-360-ES S/N: 357636
March 23, 2004 Hobbs: 121.7

Changed oil and filter. Cut and inspected filter. Serviced engine with 8qts Phillips X/C 20W50 oil. Operational and leak Check-OK.

Signed:  for:
Hillsboro Aviation Inc. FAA Approved Repair Station # LJER-093G
3565 NE Cornell Road, Hillsboro, OR 97124 Phone (503)648-2831

END


04-22-04	129.3			INSTALLED NEW EGT PROBE IAW AMM CHAP 72-00. LUBED ALL ENGINE CONTROLS IAW STANDARD MAINTENANCE PRACTICES. ALL VISUAL AND OPERATIONAL CHECKS ARE GOOD. 

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	→				



FAA CRS FCPR831D
7777 N.E. Airport Way
Portland, OR 97218

DATE 6/04/2004 TAC/HM 173.6 N#927PP S/N 1367

Changed oil and oil filter p/n CH48108 added 8qts Phillips 20W50 oil. Ground run and leak checked
Pertinent details of the work described above are on file at this agency under **W.O.# 103755**. Aircraft is airworthy and is approved for return to service this date with respect to the work performed. **END.**
Flightcraft Portland RS# FCPR831D  Bruce Stephanson

ENGINE MODEL:
IO-360-BB
ENGINE S/N: 357636
REG. NO: 927PP
WORK ORDER: 2082

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1280 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-999-3636

DATE: 7/18/2004
AC TSM: 194.1
ENG TT: 7.8
HOBBS: 194.1

Engine Entries

(8) Performed Fuel system set-up IAW SID97-3A Procedures and Specifications for the Adjustment of TCM Continuous Flow Fuel Injection Systems dated 11-28-2001.

The aircraft and or component identified above was repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 7/18/2004

SIGNED: 

Work Order: 2082

William Farmer
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datamedia.com)

ENGINE MODEL:
IO-360-BB
ENGINE S/N: 357636
REG. NO: 927PP
WORK ORDER: 2139

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1280 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-999-3636

DATE: 9/22/2004
AC TSM: 212.6
ENG TT: 26.1
HOBBS: 212.6

Engine Entries

(1) Changed oil using Aeroshell 100 W. Filter was removed, out, inspected and OK. Installed CH48108 filter and safety wired. Engine was washed, ran and checked for leaks and OK. (2) Spark plugs were cleaned, gapped, test fired and found OK for return to service. Reinstalled spark plugs in engine performed engine run with Mag check, Ok.

The aircraft and or component identified above was repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 9/22/2004

SIGNED: 

Work Order: 2139

William Farmer
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datamedia.com)

ENGINE MODEL:
IO-360-BB
ENGINE S/N: 357636
REG. NO: 927PP
WORK ORDER: 2221

Troutdale Aircraft Services, Inc.

Repair Station No. T9ZR725Y
1280 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-999-3636

DATE: 11/18/2004
AC TSM: 237.9
ENG TT: 51.4
HOBBS: 237.9

Engine Entries

(2) I certify that this Engine has been inspected for annual inspection in accordance with the Cirrus SR 20 maintenance manual and FAR 43 appendix D and was found airworthy for return to service. A compression check was performed this date and are as follows using 80lbs as standard: A1:74 A2:74 A3:78 A4:75 A5:74 A8:75.+++++(4) Ground the forward edge of mixture control large area washer at fuel pump to prevent chaffing on baffling. Retorqued and safited nut.+++++(5) Replaced fuel pump vent line and broken adel clamp on motor mount, located on the RH front side of the engine.

The aircraft and or component identified above was repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 11/18/2004

SIGNED: 

Work Order: 2221

William Farmer
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datamedia.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: IO-380-ES
ENGINE S/N: 357636
REG. NO: N927PP
WORK ORDER: 2266

Troutdale Aircraft Services, Inc.
Repair Station No. T9ZR725Y
1250 NW Perimeter Way
Troutdale, OR 97030
Phone: 503-686-3636

DATE: 12/23/2004
A/C TSN: 256
ENG TT: 66.5
HOBBS: 256

Engine Entries

(1) Changed oil using Aeroshell 100 W. Filter was removed, cut, inspected and OK. Installed CH48108 filter and safety wired. Engine was washed, ran and checked for leaks and OK.

The aircraft and/or component identified above was repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney

DATE: 12/23/2004

SIGNED: *[Signature]*

Work Order: 2266

William Farmer
Certified Repair Station No. T9ZR725Y

Printed by EBis 3 (datamedia.com)



P.O. Box 320159
BIRMINGHAM, ALABAMA 35232
Ph. 205-591-6830
CRS# Y4MR806Y

REGISTRATION: N927PP
HOBBS/TACH: 300.5
TOTAL TIME : _____

MODEL/SERIAL#: SR 20/1367
ENGINE TOTAL TIME: _____
PROPELLER TOTAL TIME : _____

Completed oil change using 8 quarts of Phillips 20W50XC oil and installed new CH48108-1 oil filter. Ran aircraft and verified no leaks. On pre-run found left magneto has 250+ RPM drop. Removed and inspected all spark plugs and found number 1 cylinder plug lead fouled, cleaned and regapped and retested all spark plugs. Reinstalled and checked for continuity, all checks satisfactory. Ran aircraft and found left mag drop at 70 RPM and right mag drop 60 RPM. All tests satisfactory.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W/O # BHM-09959
SIGNATURE *[Signature]*

DATE : 3-24-2005

MERCURY AIR CENTER-BHM
ENGINE

RS# Y4MR806Y

REGISTRATION: N972PP
HOBBS/TACH: 352.3
SMOH: _____

MODEL/SERIAL#: 367
ENG TOTAL TIME : _____

- Adjusted idle speed to 800 RPM.
- Cleaned the gascolator filter.
- Drained oil, inspected and replaced the oil filter. Serviced with 8 qts of Phillips 20W50.
- Ground run, operational and leak check proved satisfactory.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W/O # 10171

SIGNATURE *[Signature]*

DATE : 5/17/05

MERCURY AIR CENTER-BHM
ENGINE

RS# Y4MR806Y

rd
ns,

Bro

REGISTRATION: N927PP
HOBBS/TACH: 392.1
SMOH:

MODEL/SERIAL#: 1367
ENG TOTAL TIME :

Drained oil, inspected and replaced the oil filter. Serviced with 8 qts of Phillips 20W50 X/C . Ground run and leak check proved satisfactory.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W.O.# 10323

SIGNATURE 

DATE :6/24/05

MERCURY AIR CENTER-BHM

RS# Y4MR806Y

REGISTRATION: N927PP
HOBBS/TACH: 452.0

MODEL/SERIAL#: 1367
A/F TOTAL TIME :

Drained oil, inspected and replaced the oil filter. Serviced with 8 qts of Phillips 20W50XC. Ground run and leak check proved satisfactory.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W.O.# 10378

SIGNATURE 

DATE :8/12/05



2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 6813 30-September-2005 WO# 5533
N927PP S/N 1367 CIRRUS SR20
HOBBS 494.8
TTENG 494.8

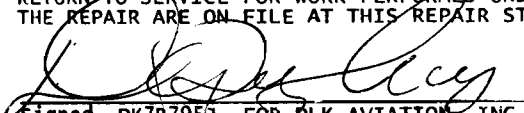
Pg 1 / 1

*** ENGINE LOG BOOK ***

RAN ENGINE TO WARM OIL. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. REPLACED ALL SPARK PLUGS P/N RHM38E. SERVICED WITH PHILLIPS 20W50XC OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. RETORQUED ALL ROCKER COVER SCREWS. RETORQUED TACH GENERATOR AND SAFTIED. REPLACED #5 EXHAUST HEADER P/N 10351.002.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#5533 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.


Signed DK7R795J FOR DLK AVIATION, INC.

MERCURY AIR CENTER-BHM
ENGINE

RS# Y4MR806Y

cord
sections,

REGISTRATION: N927PP
HOBBS/TACH: 515.3
SMOH: n/a

MODEL/SERIAL#: 1367
ENG TOTAL TIME 515.3

1. Completed an annual inspection IAW the Cirrus inspection guide.
2. Drained oil, inspected and replaced the oil filter. Serviced with 8 qts of Phillips 20W50X/C.
3. Compression checked: #1-77/80, #2-78/80, #3-76/80, #4-70/80, #5-74/80, #6-73/80.
4. Installed a new starter drive assy p/n 646220A53.
5. Replaced one chafed ignition lead and secured other leads as necessary.
6. Secured baffle seal fwd of alternator.
7. Replaced the fwd right induction drain tube support clamp.
8. Completed the 500 hr mag inspection. Replaced point and distributor assy in the left mag. Installed a new mag on the right side p/n 6314, s/n 04081296.
9. A post inspection run up proved satisfactory.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W/O. 10609

SIGNATURE 

DATE 11/3/05

N927PP, MAKE: CIRRUS, MODEL: SR20, S/N: 1367,
HM: 661.9, WO: SH-06-0524.

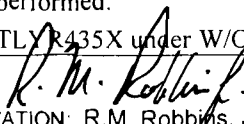
REMOVED ENGINE AND SENT TO TCM FOR REPAIR. AIRCRAFT HM: 661.9,
ACTT: 661.9, ENGINE TT: 661.9.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED: 

TRI-STATE AERO, INC. C.R.S. AHTRI02C 5101 FLIGHTLINE DRIVE EVANSVILLE IN

DATED: 8/5/06

DATE:	ENGINE MODEL:	ENGINE S/N:	ENGING T.T.:
Sept. 19, 2006	IO-360-ES	357636	661.9
TELEDYNE CONTINENTAL MOTORS FAA REPAIR STATION No. TLYR435X 2039 Broad Street Mobile, Alabama 36615			
<p>This engine has been disassembled, cleaned, inspected, repaired as required and reassembled in accordance with Teledyne Continental Motors Instructions for Continued Airworthiness. Engine assembled with new crankcase P/N 653681A9, S/N S05LA090, new seals, gaskets, "O" rings, lock tabs, main bearings, thrust washers, connecting rod bearings, connecting rod bolts and nuts, new piston pins and hardware as required. Installed 12 new lifters P/N 653906. Installed new connecting rods P/N 654793A1 S/N's AE06AA723, AE06AA719, AE06AA604, AE06AA605, AE06AA788, AE06AA789. Cylinders repaired and fitted with new piston rings by TCM Mattituck Services, see 8130-3. Installed new ignition harness P/N 643249. Installed new manifold valve support bracket P/N 646507. Installed new tuned fuel injection nozzle kit P/N 632147A3. Installed new alternator mount bracket P/N 657046 and new thru bolt P/N 652420-9.80. Complied with AD 97-26-17, Crankshaft Inspection, by visual, magnetic particle and Ultrasonic Inspection, no indications noted, crankshaft is VAR forging. Complied with AD 93-10-02, Cylinder valve retainer key installation, by visual inspection at engine assembly, all retainers correctly installed. Engine tested in accordance with TCM's standard production acceptance test procedure and accepted. I certify that this engine has been inspected and repaired as indicated above and was determined to be airworthy with respect to the work performed.</p>			
<p>Details on file at Teledyne Continental Motors FAA Repair Station TLYR435X under W/O 7506WR37.</p>			
TECHNICIAN: R. Bryant		 AUTHORIZATION: R.M. Robbins, Jr. DATE: September 19, 2006	

N927PP, MAKE: CIRRUS, MODEL: SR20, S/N: 1367,
HM: 661.9, WO: SH-06-0524.

Date

Brought For

REINSTALLED ENGINE FOLLOWING REPAIR AT TCM ON THEIR W/O #7506WR37. AIRCRAFT TIMES ARE SAME AS ABOVE. INSTALLATION DONE IN ACCORDANCE WITH AMM 71/00/00. GROUND RAN AND LEAK CHECKED NO DEFECTS NOTED AT THIS TIME.* ADJUSTED ENGINE FUEL INJECTION SYSTEM TO OBTAIN PROPER FUEL FLOW AND IDLE MIXTURE.*

ord
tions,

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED *George Butz*
TAL-STATE AERO, INC. C.R.S. AIRFIELD 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED 10/6/06



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 Ph:606-742-2084 avtech@alltel.net

Engine Entry: N927PP

TCM IO360ES6B S/N 357636 Date: 10/30/06 Hobbs: 679 TTE: 679

Performed the following maintenance/ repairs: Completed Annual inspection utilizing Cirrus Maintenance Manuals and as per FAR 43.9 Appendix D. Engine Cowling Visual Inspection for cracks, distortion, and loose or missing fasteners, perform cosmetic non-structural repair of cowling nose bowl area, replaced landing light lens. Perform an Engine Operational Inspection in accordance with Teledyne Continentals Motors Maintenance Manual, Section 5. No oil Change This time. Battery 1 Perform Electrolyte Level Check. Master Control Unit Perform Inspection/Check - Master Control Unit, correctly reseal mcu. Engine Compression Functional Inspection in accordance with Teledyne Continentals Motors Service Bulletin SB03-3, #1-74 #3-72 #5-74 #2-69 #4-72 #6-73. Spark Plugs Inspect, clean, re-gap and rotate in accordance with Teledyne Continentals Motors Overhaul Manual 72-40. Spark Plug Cable Leads Visual Inspection for chafing, corrosion, and deposits. Air Intake Ducts Visual Inspection for general condition. Magneto's perform magneto to engine timing check/ set. Engine Baffling and Seals Visual Inspection for cracks, tears, and rips, cabin heat cold intake flange broken right aft baffle, replaced. Perform inspection no. 1 egt probe found within specs secure leads and treat with stabilant 22. Induction System Filter Visual Inspection for security, general condition, and cleanliness, replaced with new. Alternate Air Door Check operation of alternate air flapper valve. Throttle, Propeller, and Mixture Control Cable Visual Inspection for security and condition of cotter pins, castellated nuts, and oversized washers, propeller cable jam nut loose at governor tighten to specs, adjust governor to proper specs. Starter Visual Inspection for security and condition, starter relay cracked, replaced starter with new (656181), route starter positive lead to proper orientation. Fuel Injection Nozzles Visual Inspect nozzles and manifold valve for fuel stains, security, and proper venting. Gascolator Fuel Filter and Bowl, Drain and clean, replaced seals. Exhaust System Perform Inspection/Check - Exhaust System, removed incorrect exhaust flange gaskets (6) 77611 and installed correct gaskets (6) RA630365. Breather Tube Visual Inspection for obstructions and security. Checked and complied with Airworthy Directives to date, see compliance report in aircraft records. Perform an airplane run-up in accordance with Operational/Functional Check in SR20 AMM Section 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted. **I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

BC

4000878351A



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 Ph:606-742-2084 avtech@alltel.net

Engine Entry: N927PP

TCM IO360ES6B S/N 357636 Date: 11/24/06 Hobbs: 684 TTE: 684

Performed the following maintenance/ repairs: Diagnosis cylinder one rich condition found faulty injector. Installed new injector no. one position (1101). Perform an airplane run-up in accordance with Operational/Functional Check in SR20 AMM Section 5-30 After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted.

BC

A&P 400087835

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	→				
					Changed Oil & Filter with Aeroshell 15w50. Cut Filter and no contamination noted. Performed engine run-up and functional check. All Normal. <i>and</i> Wade R. Coggin, Com. Pilot 2741102 <i>W-R</i> N <u>721PP</u> Date <u>12/16</u> Hobbs <u>690</u> Serial# <u>1367</u> 2006
					Changed Oil & Filter with Aeroshell 15w50. Cut Filter and no contamination noted. Performed engine run-up and functional check. All Normal. Wade R. Coggin, Com. Pilot 2741102 <i>W-R</i> N <u>127PP</u> Date <u>1/13</u> Hobbs <u>724</u> Serial# <u>1367</u> 107



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 Ph:606-742-2084 avtech@alltel.net

Engine Entry: N927PP

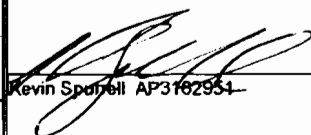
TCM IO360ES6B S/N 357636 Date: 11/01/07 Hobbs: 781 TTE: 781

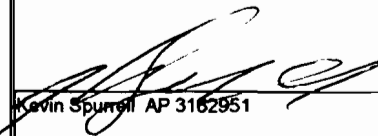
Performed the following maintenance/repairs: Completed Annual inspection utilizing Cirrus Maintenance Manuals and as per FAR 43.9 Appendix D Engine Cowling Visual Inspection for cracks, distortion, and loose or missing fasteners. Perform an Engine Operational Inspection in accordance with Teledyne Continentals Motors Maintenance Manual, Section 5. Change oil/filter, cleaned suction screen, installed AA48108 filter and service with 8 qts Aeroshell 15W50. Battery 1 Perform Electrolyte Level Check. Master Control Unit Perform Inspection/Check, replaced MCU with 14600-002S s/n 92633. Alternator two replaced with exchange unit BC410X s/n 034256KX. Engine Compression Functional Inspection in accordance with Teledyne Continentals Motors Service Bulletin SB03-3, #1-72 #3-66 #5-66 #2-62 #4-68 #6-73. Spark Plugs Inspect, clean, re-gap and rotate in accordance with Teledyne Continentals Motors Overhaul Manual 72-40. Spark Plug Cable Leads Visual Inspection for chafing, corrosion, and deposits. Air Intake Ducts Visual Inspection for general condition. Magneto's perform magneto to engine timing check/set. Engine Baffling and Seals Visual Inspection for cracks, tears, and rips. Induction System Filter Visual Inspection for security, general condition, and cleanliness, replaced with new. Alternate Air Door Check operation of alternate air flapper valve. Throttle, Propeller, and Mixture Control Cable Visual Inspection for security and condition of cotter pins, castellated nuts, and oversized washers, propeller cable jam nut loose at governor tighten to specs, adjust governor to proper specs. Starter Visual Inspection for security and condition. Fuel Injection Nozzles Visual Inspect nozzles and manifold valve for fuel stains, security, and proper venting. Gascolator Fuel Filter and Bowl. Drain and clean, replaced seals. Exhaust System Perform Inspection/Check - Exhaust System, re installed heat exchanger after repair 8130-3 in records. Breather Tube Visual Inspection for obstructions and security. Checked and complied with Airworthy Directives to date, see compliance report in aircraft records. Perform an airplane run-up in accordance with Operational/Functional Check in SR20 AMM Section 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted. **I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**


[Signature] J000878351A

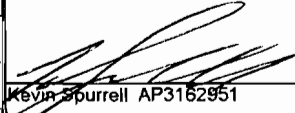
Service and Maintenance Record

Inspections, Airworthiness Directives, Special Inspections, and Service Bulletins

Heart of Virginia Aviation		
N927PP	Hobbs Time 805	Work Order 07-1510
12/13/2007		
<p>Engine compressions as follows: #1 66/80 #2 70/80 #3 72/80 #4 76/80 #5 76/80 #6 72/80. Drained oil and collected sample for analysis. Removed oil filter for inspection. No defects noted. Removed suction strainer for inspection. Found nothing abnormal. Re-installed suction strainer. Installed new CH48108-1 oil filter. Serviced engine with 8 qts Aeroshell 15W50 oil. Cleaned engine. Leak check and ops check ok. Visually inspected engine compartment. Checked all engine controls for proper travel. Ops check good.</p>		
 Kevin Spurrell AP3162951		
http://www.flyhova.com/hanover		
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

Heart of Virginia Aviation		
N927PP	Hobbs Time 830.5	Work Order 08-1561
1/28/2008		
<p>Removed alternator, p/n ES4024LPR, s/n E120946. Installed new alternator, p/n 654200A1, s/n G100770. Ops check ok. Ran engine. Drained oil. Collected oil sample for analysis. Removed oil filter for inspection. No defects noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts Aeroshell 15W50 oil. Washed engine. Leak check and ops check ok. Cleaned, gapped and rotated sparkplugs.</p>		
 Kevin Spurrell AP 3162951		
http://www.flyhova.com/hanover		
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

Heart of Virginia Aviation		
N927PP	Hobbs Time 892.2	Work Order 08-1728
5/16/2008		
<p>Removed old injectors and installed GAM injectors, p/n TIG360-10J, s/n 17925 in accordance with STC # SE09963SC. Ground run and leak check ok. Filed FAA Form 337.</p>		
 Kevin Spurrell AP3162951		
http://www.flyhova.com		
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

Heart of Virginia Aviation		
N927PP	Engine TT 894.3	Work order 08-1673
4/30/2008		
<p>Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Compressions: #1 /80 #2 /80 #3 /80 #4 /80. Drained oil. Removed and inspected filter. No defects noted. Installed a new CH48108-1 oil filter. Serviced engine with 8 qts. of Aeroshell 15W50 oil. Installed 12 new sparkplugs, p/n RHM38E. Installed new spring on # 6 cylinder baffling. Adjusted prop gov cable mount. Placed high temp silicone between # 2-6 cylinders interbaffling spring and # 2 CHT and fuel overflow. Installed exhaust nut on # 5 cylinder. Trimmed mixture rod end washer to prevent rubbing on baffling. Re-routed # 1 CHT wire to prevent rubbing on mixture cable. Installed new RH mag gasket. Installed new LH mag, p/n 6314, s/n 98071310 with new gasket. Installed new # 4 cylinder rocker box cover gasket. Replaced pilot side mag wire bracket. Fabricated new induction air filter bracket. Installed new gaskets on #6 & 3 intake tubes. Installed new # 1 intake tube, p/n 655230-1. Checked magneto timing and ignition harness. Installed new induction air filter. I certify that this engine has been inspected in accordance with a 100 hour</p>		
 Kevin Spurrell AP3162951		
http://www.flyhova.com/hanover		
KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

Heart of Virginia Aviation		
N927PP	Hobbs Time 909.8	6/10/2008 Work Order 08-1754
<p>Installed new # 3 intake tube, p/n 655224-1 with new gasket, p/n 654227. Visually inspected remaining intake tubes for cracks using the dye penetrant method. No cracks found at this time. Reinstalled intake tubes with new gaskets, p/n 654227. Ops check ok.</p>		
<p><i>Carl Clarke</i></p> <p>Carl C. Clarke AP3163115</p>		
<p>http://www.flyhova.com/hanover</p> <p>KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500</p>		

Service and Maintenance Record

Sections, Airworthiness Directives, Special Inspections, Service Bulletins

Heart of Virginia Aviation		
N927PP	Tach Time 976.7	8/14/2008 Work Order 08-1796
<p>Installed new # 1, 3 and 6 GAMI injectors, p/n GA79, GM79 and GF90. Cleaned, gapped, rotated and reinstalled spark plugs. Ran engine. Ops check ok.</p>		
<p><i>Kevin M. Grey</i></p> <p>Kevin M. Grey AP2793199</p>		
<p>http://www.flyhova.com/hanover</p> <p>KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500</p>		

Heart of Virginia Aviation		
N927PP	EngineTT 991.1	8/21/2008 Work order 08-1846
<p>Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Compressions as follow: #1 72/80 #2 76/80 #3 74/80 #4 72/80 #5 73/80 #6 72/80. Drained oil. Removed and inspected filter. No defects noted. Installed a new AA48108 oil filter. Serviced engine with 8 qts. of Aeroshell 15W50 oil. Cleaned, gapped, tested, and rotated sparkplugs. Removed and inspected all induction tubes. No defects noted. Reinstalled induction tubes with new gaskets, p/n 654227. Adjusted idle to 750 rpms. Installed all new valve cover gaskets, p/n 655704. Removed LH mag and reinstalled with new gasket, p/n 10-400613. Internally timed mag and timed mag to engine. Checked magneto timing and ignition harness. Installed a new induction air filter. I certify that this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.</p>		
<p><i>Carl Clarke</i></p> <p>Carl C. Clarke AP3163115</p>		
<p>http://www.flyhova.com/hanover</p> <p>KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500</p>		

Heart of Virginia Aviation		
N927PP	Tach Time : 1085.8	12/17/2008 Work order : 08-2001
<p>EngineTT : 1085.8</p> <p>Complied with a 100 hour/annual inspection in accordance with FAR 43 Appendix D. Compressions as follow: #1 76/80 #2 76/80 #3 76/80 #4 76/80 #5 80/80 #6 78/80. Drained oil. Removed and inspected filter. No defects noted. Installed a new AA48108 oil filter. Serviced engine with 8 qts. of Aeroshell 15W50 oil. Cleaned, gapped, tested, and rotated sparkplugs. Checked magneto timing and ignition harness. Replaced #1 exhaust gaskets. Shipped #1 exhaust collector for repair. Re-installed and torqued exhaust bolts to 200 in/lbs. Complied with AD FAA-2008-0284 by performing exhaust inspection. No defects noted. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and has been determined to be in an airworthy condition.</p>		
<p><i>Tim Brooks</i></p> <p>Tim Brooks AP3350371A</p>		
<p>http://www.flyhova.com/hanover</p> <p>KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500</p>		

Heart of Virginia Aviation		
N927PP	Hobbs : 1197.9	5/15/2009 Work Order : 09-2228
<p>Replaced broken terminal at alternator one and repaired broken wire at alternator one. Blended out nick in prop.</p>		
<p><i>Ronald L. Hawkins</i></p> <p>Ronald L. Hawkins AP27053181A</p>		
<p>KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500</p>		

Heart of Virginia Aviation Phone (804) 798-6500

11152 Airpark rd Ashland, VA 23005 Fax (804)-798-6544
 N927PP WO # 09-2313
 Aircraft Hobbs: 1233.6
 Drained oil and removed filter. Cut open filter, no contamination found. Serviced with 8 quarts of Aeroshell 15W50 oil and added new CH48108-1 filter.

June 23, 2009

Arni E. Einarsson
 A&P 6604582
Arni E. Einarsson

N927PP

Hobbs : 1181.7

4/27/2009

Work Order : 09-2182

Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Compressions as follow: #1 72/80 #2 75/80 #3 75/80 #4 74/80 #5 75/80 #6 75/80. Drained oil. Removed and inspected filter. No defects noted. Installed a new CH48108-1 oil filter. Serviced engine with 8 qts. of Aeroshell 15W50 oil. Replaced six spark plug gaskets. Repositioned hose away from #6 cylinder intake. I certify that this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.

Arni E. Einarsson

Arni E. Einarsson AP3004582



http://www.flyhova.com/hanover

KOPP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Service and Maintenance Record

Actions, Airworthiness Directives, Special Inspections, Service Bulletins

** LOG ENTRY OUT OF ORDER*

Heart of Virginia Aviation

Phone (804) 798-6500

11152 Airpark rd
Ashland, VA 23005

Fax (804)-798-6544
WO # 09-2369

~~N927PP~~ N927PP

Aug 10, 2009

Aircraft Hobbs: 1282.5 Aircraft total time: 1282.5

Engine Total Time: 1282.5

I certify this engine has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition. Drained oil and checked screen, no contamination found. Serviced with 8 quarts of Aeroshell 15W50 oil. Engine cylinder compressions: 1/74, 2/73, 3/74, 4/74, 5/76, 6/73. Removed cleaned and gapped plugs. All operation and leak checks satisfactory and engine is approved for return to service.

Arni E. Einarsson AP3004582

Arni E. Einarsson

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F09-2496

N927PP

September 28, 2009

Replaced connector on #2 CHT probe. Replaced air filter (BA24).

Arni E. Einarsson A&P 3004582

Arni E. Einarsson

*927PP 10/9/09
HOBBS: 1342.7*

*DRAINED OIL & INSPECTED
OIL FILTER. NO DEFECTS
FOUND SERVICED ENGINE w/8
QUARTS 15W50. & REPLACED
OIL FILTER. REPLACED
ALTERNATOR BELT w/ NEW
: WORK DONE IAW CIRCUIT
SERVICE MANUAL SECTION
24-30 & SECTION 61-10
Arni E. Einarsson
A&P 3004582*

~~HOBBS~~ ⁶

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005

Phone: 804-798-6500
Fax: 804-798-6544
WO # AF09-0004



Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F09-2630

N927PP
Aircraft Hobbs: 1378.5

December 14, 2009

N927PP
Aircraft Hobbs: 1379.3 Aircraft Total Time: 1379.3
Engine Total Time: 1379.3 TSO:

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Drained oil and checked screen, no contamination found. Serviced with 8 quarts of Aeroshell 15W50 oil. Engine cylinder compressions: 1/73, 2/73, 3/76, 4/78, 5/76, 6/75. Removed cleaned and gapped plugs. All operation and leak checks satisfactory and engine is approved for return to service. Replaced #6 cylinder push rod seals.

Daniel McSherry AP31103001A

Made adjustments to the set screw at the throttle body. Checked mixture/idle throws.
Ronald L. Hawkins AP27053181A

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0110

N927PP
Hobbs Time: 1,429.6

March 2, 2010

Drained oil and replaced filter with new. No contamination found. Serviced engine with 8qts of Aeroshell 15w50 oil. All operation and leak checks satisfactory and engine is approved to return to service.

Ronald L. Hawkins AP27053181A

Rotax Certified

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0278

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0433

N927PP
June 3, 2010

Aircraft Hobbs: 1481.6 Aircraft Total Time: 1481.6
Engine Total Time: 1481.6 TSO: ~~9007~~

I certify this engine has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition. Drained oil and removed filter, no contamination found. Serviced with 8 quarts of Aeroshell 15W50 oil. Engine cylinder compressions: 1/76, 2/74, 3/77, 4/72, 5/78, 6/79. Removed cleaned and gapped plugs. All operation and leak checks satisfactory and engine is approved for return to service.

Daniel McSherry AP31103001A

N927PP

Aug 13, 2010

Hobbs Time: 1532.0

I certify this engine has been inspected in accordance with a 50 hour inspection and was determined to be in airworthy condition. Removed filter. Cut filter open, no contamination found. Installed new filter. Serviced engine with 8 quarts of Aeroshell 15w50 oil. Ops and leak check is ok. Engine is approved for return to service.

Eric Sanders AP3432993

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0492

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0507

N927PP
Aircraft Hobbs: 1573.7
September 16, 2010

Removed and replaced #4 CHT probe. Ops check ok.

Eric Sanders A&P3432993

N927PP
Aircraft Hobbs: 1582.9 Aircraft Total Time: 1582.9
Engine TT: 1582.9

Sept 27, 2010

I certify this engine has been inspected in accordance with a 100 HOUR inspection and was determined to be in airworthy condition. Drained oil and removed filter no contamination found. Serviced with 8 quarts of Aero shell 15W50 oil and added new filter. Engine cylinder compressions: 1/70, 2/72, 3/71, 4/78, 5/70, 6/74. Cleaned gapped, tested and rotated spark plugs. Cleaned all injectors. All operation and leak checks satisfactory.

Daniel Mcsherry AP31103001A



DOMINION AVIATION

Date: 2/04/2011; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1696.00; Tach:: Total Time: 1696.00; Engine - Type: IO-360-ES, S/N: 357636, Time:: Prop - Type: , S/N:

****ENGINE****

-Removed cowling and swapped #2 and #4 CHT probes. Reinstalled cowling. Ran aircraft and ops checked CHT probes. No defects noted on ground run-up.

-Removed cowling and increased the low pressure setting on fuel pump one full turn. Adjusted idle mixture and idle speed screw, ran engine to watch changes in engine idle. Repeated as necessary to get the engine to run smoothly at low rpm. Reinstalled engine cowling and performed full power run. Ops check good. Ref. SID 97-3E.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number _____.

Signed _____.

Dominion Aviation CRS ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

6500
544
contaminants
age run-up and leak

Service and Maintenance Record

Inspections, Airworthiness Directives, Special Inspections,
and Service Bulletins

DATE: 25 MAY 2011

HOBBS: 1737.6 HRS.

ENGINE MODEL: 10-360-ES6

ENGINE S/N: 357636

AIRCRAFT: N927PP SR-20

SERIAL NO: 1367

CHANGED OIL & FILTER. CUT OPEN

FILTER & CHECKED FOR METAL. NONE

FOUND. OIL SENT TO BLACKSTONE

FOR ANALYSIS. SERVICED w/ 7 QTS.

AEROSHELL W100. CHECKED

BATTERY LEVEL, WHICH WAS GOOD.

CHECKED BRAKE FLUID LEVEL - GOOD.

RAN UP ENGINE & LEAK CHECK - OK.

DARIN DUNHAM, 3143715 PRIVATE PILOT

Darin T. Dunham

Annual inspection and
removed filter, no
50 oil. Engine
removed cleaned and
97-3B. All operation
service. Replaced

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N927PP
8-25-11

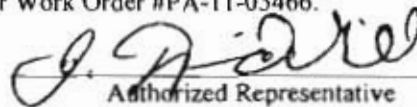
Cirrus Design SR20
Hobbs: 1795.3 Hrs

S/N: 1367

Maintenance performed:

- Changed oil and filter. Serviced with 7 Qts of Aeroshell W100 oil and 1 pint of ASL CamGuard additive as per customer's request and installed new CH48108-1 oil filter.
- Took oil sample for analysis.
- Cut open old oil filter and inspected with no metal contamination found.

I certify that with respect to the work performed this **engine** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order #PA-11-05466.


Authorized Representative

DLK

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 13605 29-August-2011 WO# 11327
N927PP S/N 1367 CIRRUS SR20
HOBBS 1810.7

Pg 1 / 1

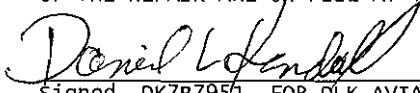
AVIATION, INC.

*** ENGINE LOG ENTRY ***

REPLACED #1 ALTERNATOR WITH OVERHAULED UNIT BY AEROTECH OF LOUISVILLE WO #100839 DATED 08-15-2011 P/N ES4024LP S/N C093120. REPLACED #2 ALTERNATOR WITH INSPECTED ALTERNATOR FROM CIRRUS AIRCRAFT AND B&C SPECIALTY PRODUCTS WO #0742919 DATED 08-04-2010 P/N BC410-1 CIRRUS 13565-001E S/N 0742919. CLEANED FUEL FLOW TRANSDUCER, CANNON PLUG AND TRANSDUCER PINS. CLEANED TACH GENERATOR CANNON PLUG AND PINS. RAN ENGINE ALL CHECKS NORMAL FABRICATED AND INSTALLED #1 ALTERNATOR GROUND STRAP.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#11327 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.



Signed DK7R795J FOR DLK AVIATION, INC.



DOMINION AVIATION

Date: 11/01/2011; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1833.20; Tach:; Total Time: 1833.20; Engine - Type: IO-360-ES, S/N: 357636; Prop - Type: , S/N:

****POWERPLANT****

Checked torque on case half bolts and found the front bolt securing the distributor valve bracket to the case halves loose. Torqued bolt to 125 in. lbs. in reference to TCM IO-360 Overhaul Manual Chapter 72-50-04 Figure 72-50-01B. Ran engine to verify leak was gone. All operations checked good.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number_____.

Signed_____.

Dominion Aviation CRS ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793



DOMINION AVIATION

Date: 1/20/2012; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1845.40; Total Time: 1845.40; Engine - Type: TCM IO-360-ES, S/N: 357636; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B

*** ENGINE ***

- Complied with the Annual Inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 05-20.
- Lubricated the aircraft as required in accordance with the SR20 maintenance manual Chapter 12-20-00.
- Checked and listed all applicable Airworthiness Directives using ATP revision dated 12/19/2011. Complied with the logbook research. Updated the computer profiles.
- Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 72/80, #2 - 63/80, #3 - 65/80, #4 - 70/80, #5 - 72/80, #6 - 70/80.
- Complied with the oil and filter change. Serviced with 7 quarts of Aeroshell 100W and 11oz of CamGuard. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ref. Cirrus SR-20 MM Chapter 12.
- Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Re-installed the spark plugs with new gaskets, pn# M674. Reference : Champion aviation service manual AV6-R.
- Complied with the engine oil sample as requested by customer. Prepped and gave sample to customer.
- Replaced loose crankcase breather hose clamp on #5 induction tube as part of compliance with SB 2X-71-10 R2.
- Right magneto,(model number 6314, serial number 04081296), base seal replaced during removal and installation of magneto to facilitate customer requested 500hr IRAN inspection. Reference this shop order, 233156, discrepancy #71, for maintenance corrective action. Reference Cirrus SR20 maintenance manual 74-10 for magneto removal and installation.
- Complied with Cirrus SB 2X-71-10 R2, dated 25 Mar 2009 by installation of SB kit 70230-001.
- AD 2010-11-04, to prevent excessive hydraulic lifter wear, dated June 16, 2010, found to be not applicable due to no record of affected parts being installed and date of engine rebuild, based on maintenance record research.
- Left magneto (model number 6314, serial number 08110071) and right magneto (model number 6314, serial number 04081296) removed for customer requested outside 500 hour inspection and repair as necessary (500hr IRAN). 500hr IRAN inspections performed by A&P2703524, reference serviceable parts tag maintenance releases dated 01/16/12, work order 3660. Installed, timed, and function checked left magneto (model number 6314, serial number 08110071) and right magneto (model number 6314, serial number 04081296) after outside 500hr IRAN inspections. Reference Cirrus SR20 maintenance manual 74-10 for magneto removal and installation.
- Replaced damaged #1 cylinder lower spark plug, part number RHM-38E. Reference Cirrus SR20 maintenance manual chapter 74.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number_____.

Signed_____.

Dominion Aviation CRS ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DATE: 13 JUN 2012

TIME IN SERVICE: 1902.6 HRS.

ENGINE MODEL: 10-360-ES6

ENGINE S/N: 357636

AIRCRAFT: N927PP SR-20, SERIAL NO.: 1367

CHANGED OIL & FILTER. CUT OPEN FILTER & CHECKED FOR

METAL - NONE FOUND. OIL SENT TO BLACKSTONE FOR

ANALYSIS. SERVICED w/ 7 QTS. + 1 PT. CAMGUARD

AEROSHELL W/100. CHECKED BATTERY LEVEL, WHICH WAS

GOOD. CHECKED BRAKE FLUID LEVEL - GOOD. RAN UP

ENGINE & LEAK CHECK - O.K.

DARIN DUNHAM, 3143715 PRIVATE PILOT

Darin T. Dunham



DOMINION AVIATION

Date: 2/13/2013; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1981.50; Total Time: 1981.50; Engine - Type: TCM IO-360-ES, S/N: 357636, Time: 1981.50; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B, Time: 1981.50

****ENGINE****

Complied with the annual and 100 hour inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 5 pages 4-23.

Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 58/80, #2 - 62/80, #3 - 74/80, #4 - 70/80, #5 - 66/80, #6 - 71/80. Check good IAW TCM SB 03-03 (Master orifice for the day 43/80)

Complied with the oil and filter change. Serviced with 7 quarts of Aeroshell 100W and 1 pint of camguard. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ran the engine and no leaks detected.

Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Re-installed the spark plugs with new gaskets, pn# M674. Reference : Champion aviation service manual AV6-R.

Washed engine with varsol and dried with shop air.

Replaced #3 cylinder GAMI fuel injector.

I certify that this _____ has been inspected in accordance with a/an _____ inspection and was determined to be in airworthy condition. Details on file at this facility.

Signature _____.

Work Order # _____.

Dominion Aviation CRS #ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005
N927PP



Phone: 804-798-6500
Fax: 804-798-6544
WO # F13-1901
August 02, 2013

Aircraft Hobbs: 2055

Replaced Alternator #2 field control unit. Tested Alternator #2 with satisfactory results. Replaced MCU/Alternator control #2 harness due to burnt pin. Inspected all harness pins and connectors to MCU, all connections and components are clean. Removed propeller and replaced crankshaft sealing o'ring. Reinstalled and torqued prop. Removed #2 and #3 injectors and cleaned them. Reinstalled injectors. Disconnected 3 cannon plug connectors from firewall, cleaned and inspected pins, all ok. Reconnected plugs and safe tied. All work done in accordance with Cirrus SR20 maintenance Manual and all operational checks related to the work performed were satisfactory. Daniel Mcsherry AP3110300IA _____

N#: 927PP



FAA REPAIR STA.

WO#: V13-0934

#RSUR804H

DATE: 8/30/2013

VAR5-115

HOBBS: 2069.0 Flt Hobbs: 195.9

Rerouted Tach sensor harness away from ignition wires.
Cleaned and retensioned connector pins. Reseated tach
connector. Cleaned and reseated CHT #2 connectors.
Complied with SB 2X-95-13 on the CAPS Parachute
enclosure. Complied with Cirrus SB 2X-95-17 rocket motor
assy replacement guide dated July 26, 2013. Installed Cirrus
provided kit PN# 70268-001 & 70269-001. Removed and
replaced the CAPS parachute and rocket motor assembly as per
Cirrus CAPS component maintenance manual 12128-001 Rev. E1.
Updated the airframe maintenance records with the following
information. **CAPS ROCKET MOTOR PN# 29500-003 SN#
0031 Expires 7/23/2023. CAPS Parachute PN# 25574-001-
REB SN# 00288R1 Expires 7/25/2023 End.**

Signature: 

Please affix to your aircraft/engine logbook.



DATE: 9 OCT 2013

TIME IN SERVICE: 2,090.9 HRS.

ENGINE MODEL: IO-360-ES

ENGINE S/N: 357636

AIRCRAFT: N927PP SR-20

SERIAL NO. 1367

CHANGED OIL & FILTER. CUT OPEN

FILTER & CHECKED FOR METAL — FOUND

FEW SPECKS. SENT OIL SAMPLE TO

BLACKSTONE FOR ANALYSIS. SERVICED

WITH 7 QTS. PHILLIPS 20W50 & 1 PINT

ASL CAMGUARD. RAN UP ENGINE &

CHECKED FOR LEAKS — O.K.

DARIN T. DUNHAM, 3143715

PRIVATE PILOT *Darin T. Dunham*



DOMINION AVIATION

Date: 3/13/2014; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 2128.00; Total Time: 2128.00; Engine - Type: TCM IO-360-ES, S/N: 357636, Time: 2128.00; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B, Time: 2128.00

**** ENGINE ****

- Complied with the annual and 100 hour inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 05-20, pages 4-22.
- Complied with the 100 hour lubrication as required in chapter 12.
- Checked and listed all applicable Airworthiness Directives using ATP revision dated 2/21/2014. Complied with the logbook research. Updated the computer profiles.
- Complied with the oil and filter change. Serviced with 7 quarts of Aeroshell 100W and 1 quart of camguard. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ran the engine and no leaks detected.
- Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 64/80, #2 - 64/80, #3 - 74/80, #4 - 74/80, #5 - 72/80, #6 - 72/80. Master orifice reading 46/80.
- Complied with the engine oil sample as required. Prepped and shipped the sample to Blackstone for analysis.
- Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Re-installed the spark plugs with new gaskets, pn# M674. Reference : Champion aviation service manual AV6-R.
- Performed visual visual inspection with borescope of all engine cylinders.
- Repaired loose spade connector on right magneto (p/n 6314, s/n 04081296) coil to point assembly. Torqued loose right magneto rotor bearing cap clamp hardware to 24 inch/lbs as per table seven, service limits, maintenace and overhaul manual. Reset internal timing of right magneto. Timed left and right magnetos to engine at 24 degrees BTDC. Checked magneto drop during ground run at 1800rpm, full rich mixture at normal operating temps and pressures with no discrepancies noted. Left and right rpm drop of 30-40, smooth operation. Left and right magneto and crankcase timing plug installations leak checked good post ground runs,. Reference Cirrus SR20 maintenance manual chapter 74-10 and Slick / Unison magneto 4300/6300 series magneto mataince and overhaul manual L-1363C.
- Removed all engine fuel injector nozzles. Cleaned and inspected all fuel nozzles. No defects noted. Installed fuel nozzles. All work done in reference to TCM IO-360 maintenance manual.
- Removed and replaced fuel injector line adele clamps in reference to Cirrus SR20 maintenance manual chapter 73-00-00.
- Installed left aft inner baffling retaining hook and spring in reference to Cirrus SR20 maintenance manual chapter 72-00.
- Installed #2-#4 inner cylinder baffle tension spring assembly in reference to Cirrus SR20 maintenance manual chapter 72-00.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number _____.

Signed _____.

Dominion Aviation CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DAS FORM LB-1

DATE: 6 SEP 2014

TIME IN SERVICE: 2186.2 HOURS

ENGINE MODEL: IO-360-ES

ENGINE S/N: 357636

AIRCRAFT: N927PP SR-20

SERIAL NO.: 1367

CHANGED OIL & FILTER. CUT OPEN FILTER

& INSPECTED. SENT OIL SAMPLE TO

BLACKSTONE. SERVICED WITH 6 QTS.

AEROSHELL W100 & 1 PT. OF ASL

CAMGUARD. RAN UP ENGINE & CHECKED

FOR LEAKS - O.K.

DARIN T. DUNHAM, 3143715

PRIVATE PILOT *Darin T. Dunham*

DATE: 20 DEC 2014

TIME IN SERVICE: 2244.3 HOURS

ENGINE MODEL: IO-360-ES

ENGINE S/N: 357636

AIRCRAFT: N927PP SR-20

SERIAL NO: 1367

CHANGED OIL & FILTER. CUT OPEN
 FILTER & INSPECTED. MINOR,
 SMALL FLECKS DETECTED. SENT
 OIL SAMPLE TO BLACKSTONE.

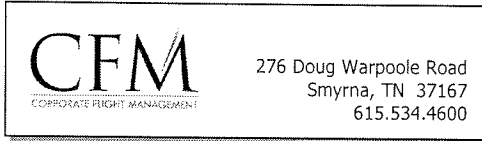
SERVICED WITH 7 QTS. AEROSHELL
 W100 & 1 PT. ASL CAM GUARD.

RAN UP ENGINE & CHECKED FOR
 LEAKS. *Darin T. Dunham*

DARIN T. DUNHAM

PRIVATE PILOT, 314 3715

Model: SR20
S/N: 1367
Reg. No: N927PP



Date: 01-Apr-2015
TT: 2,208.9
Hobbs: 2,261.9
Flight: 363.5

Engine S/N: 357636

Inspections Accomplished:

1002-Complied with Engine Annual Inspection IAW AMM 5-00.

ADs Accomplished:

20-AD 2014-05-29 – Superior Air Parts Investment Cast Cylinder Assemblies, is N/A due to no Superior Air Parts Cylinders installed.
No further action required at this time.

-Researched ADs through 24-Feb-2015; none are due at this time.

Maintenance Accomplished:

1004-Complied with oil and filter change IAW AMM 12. Cut open filter and inspected for metal. No metal noted at this time. Replaced oil filter, and serviced with 7 quarts of Aeroshell 100W. Filter P/N: AA48108-2.

Complied with cylinder compression check:

Cyl No	1	3	5	2	4	6
PSI	63/80	58/80	60/80	46/80	66/80	52/80

Master Orifice Reading: 40.

2006-Removed and replaced, with new, prop governor control cable and bracket. Ref AMM 76. Rigged cable and ops checked. Ref AMM 61-20. Ops check good at this time. Cable P/N: 14392-102. Bracket P/N: 658017.

2012-Removed and replaced, with new, No 3 and No 6 leaking push rod tube seals. Ref TCM MM. Seal P/Ns: 630286, 641607. Gasket P/N: 655704. Lock tab P/N: 501867.

2013-Removed and replaced, with new, No 3 cylinder lower baffle spring. Ref TCM MM. P/N: 532377.

2020-Cleaned connections for the oil pressure sensor for the analog and digital gauges. Ref AMM 20. Applied Stabilant 22. Ref Savvy service instructions. Ops check good at this time.

2021-Adjusted mixture to an RPM rise of 50. Ref TCM 97-3f. Ops check good at this time.

2022-Changing of the spark plugs, (see task 2030 this entry) changed the L/H and R/H mag RPM drop to within specified range.

2023-Cleaned connector for the RPM percent power. Ref AMM 20. Ops checked good on the analog gauge, but still erratic on the MFD. Customer has deferred any further action to be taken at this time.

2030-Removed and replaced, with new, all 12 spark plugs. Ref TCM MM 6-3.9. P/N: URHM38E.

2032-Crankshaft seal is leaking. Removed propeller and crankshaft seal and replaced with new. Ref TCM MM. Reinstalled propeller. Ref AMM 61. Seal P/N: 530917. O-ring P/N: MS28775-228. Prop nut P/N: AN363-820.

3001-Boroscoped all six cylinder, no defects noted at this time. Ref TCM SB03-3.

3008-Retorqued all exhaust rocker covers due to oil leaks. Ref TCM MM Appendix B.

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

Signed:

By: *Tate Smithson*
Tate Smithson

A&P 33097181A
A&P 33097181A

Form CFM 007

4 JUL 2015

TIME IN SERVICE: 2320.6 HOURS

ENGINE MODEL: IO-360-ES

ENGINE S/N: 357636

AIRCRAFT: N927PP SR-20

SERIAL NO: 1367

CHANGED OIL & FILTER. CUT OPEN

FILTER & INSPECTED. NO ISSUES

FOUND. OIL SAMPLE SENT TO

BLACKSTONE. SERVICED WITH

6QTS. AEROSHELL W100 & 1PT.

OF ASL CAMGUARD. RAN UP

ENGINE & CHECKED FOR LEAKS.

Darin T. Dunham

DARIN T. DUNHAM

PRIVATE PILOT, 3143715

MODIFICATIONS AND SERVICE BULLETINS

15 NOV 2015: TIME IN SERVICE: 2376.4 HRS.,
ENGINE MODEL: IO-360-ES, ENGINE S/N: 357636,
AIRCRAFT: N927PP SR-20, SERIAL NO.: 1367,
-CHANGED OIL & FILTER CUT OPEN FILTER & INSPECTED.
NO ISSUES FOUND. OIL SAMPLE SENT TO BLACKSTONE.
SERVICED WITH 7 QTS. PHILLIPS 20W50 & 1 PT. OF ASL
CAM GUARD. RAN UP ENGINE & CHECKED FOR LEAKS.

Darin T. Dunham, DARIN T. DUNHAM

PRIVATE PILOT, 3143715



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954
LOG ID# 17686 15-April-2016 WO# 16163
N927PP S/N 1367 CIRRUS SR20
HOBBS 2425.0
TTENG 2425.0

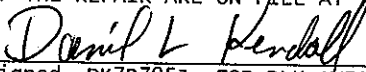
Pg 1 / 1

*** ENGINE LOG ENTRY ***

NO AD'S DUE THIS ANNUAL. REPLACED ENGINE INLET FILTER P/N BA-24. REPLACED ENGINE TACH GENERATOR P/N 12323-001. REPLACED #2 CYLINDER INTAKE VALVE P/N 655867, OIL CONTROL RING P/N 648041, AND 648042. REPLACED OIL COOLER SHOE P/N 632983. REPLACED CAM COVER GASKET P/N 653415. REPLACED #2 AND #5 CHT SENSOR P/N 14880-001. REPLACED FUEL INJECTOR LINE CLAMPS. COMPLETED 500-HOUR MAGNETO INSPECTION - REPLACED CONTACT POINT, P/N M3081 AND CAPACITOR K3984. RETORQUED OIL COOLER MOUNTS. RETORQUED #2 ALTERNATOR. REPLACED RIGHT HEAT EXCHANGER P/N 1184-003 AND MUFFLER P/N 11885-002. RETORQUED PROP GOVERNOR. PERFORMED BORESCOPE INSPECTION OF CYLINDERS. DRAINED OIL. CHECKED AND REPLACED OIL FILTER-NO METAL NOTED. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 50/100W OIL. WASHED ENGINE, RAN ENGINE-ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. CHECKED TIMING OF MAGNETOS. SET FUEL PRESSURES IN ACCORDANCE WITH SID 97-3G. PERFORMED COMPRESSION CHECK: #1 64/80 #2 67/80 #3 65/80 #4 65/80 #5 64/80 #6 72/80. MASTER ORIFICE 44/80. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#16163 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.



Signed DK7R795J FOR DLK AVIATION, INC.

N927PP 4/15/2016 2425

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 23978	
4. Organization Name and Address: PLANEXHAUST CORP. 5485 NW 22nd AVENUE, TAMARAC, FL 33309					
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	SMOOTH MUFFLER	11885-002	1	N/A	OVERHAUL
12. Remarks: WORK ORDER # 23978 DESCRIBING ACTUAL WORK IS ATTACHED, ALL WORK PERFORMED IN ACCORDANCE WITH FAA AC 43.13-1B, CHAPTER 4.					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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: <i>[Signature]</i>	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yy):		14c. Approval/Certificate No.: Q6SR742J	
				14d. Date (dd/mm/yyyy): <i>13/08/2015</i>	
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.					

Tel: 954.735.4412
Fax: 954.739.5206

PlaneXhaust Corporation
5485 NW 22 Avenue
Tamarac, FL 33309

Repair Station
Q6SR742J

NAME DLK AVIATION		A.O.G. <input type="checkbox"/>	Regular <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
ADDRESS 2601 CESSNA LANE		Acceptance of this Work Order constitutes acknowledgement that all work performed as being in accordance with:- <input type="checkbox"/> Not Applicable <input type="checkbox"/> the Air Carriers ten (10) or more seating maintenance requirements as per FAR 135.411(A) (2) <input type="checkbox"/> Other requirements		
CITY KENNESAW				
STATE GA	ZIP 30144			
Make/Model CIRRUS SR20	Description SMOOTH MUFFLER			
Part No. 11885-002	Serial No.			

PRELIMINARY	8-13-15 V5	HIDDEN DAMAGE	8-13-15 V6	IN PROCESS	8-13-15 V5	FINAL	8-13-15 V6
REMARKS							

Clean and Inspect Overhaul V5 Repair AD

Preparation
Blast RW Grind V5 Other

Fabrication		Welding		Other	
QTY	PARTS / MATERIAL	P.O. / J.O. NUMBER	QTY	PARTS / MATERIAL	P.O. / J.O. NUMBER
1	7 1/2 X 13 1/2 X 0.40 SS Sheet P02828				
1	INCONEL flame cone	P03397			

REMARKS
***** INCONEL FLAME CONE *****

PRESSURE TEST V5 NDT VISUAL 10 x MAG V5 Other Pass Fail

REMARKS

INSPECTOR NAME (PRINT) VERN GEORGE	CERTIFICATE NO. 3741395	SIGNATURE <i>Vern George</i>	DATE 8-13-15
--	-----------------------------------	---------------------------------	------------------------

N927PP 4/15/2016 2425.0 Hobbs

1. Approving Civil Aviation Authority/Country: FAA/United States

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 20473

4. Organization Name and Address: PLANEXHAUST CORPORATION, 5485 NW 22ND AVENUE, TAMARAC, FLORIDA 33309

5. Work Order/Contract/Invoice Number: 20473

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	MUFFLER	11884-003	1	N/A	REPAIR

12. Remarks: Work Order # 20473 describing actual work is attached. All work performed in accordance with FAA approved data.


13a. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.

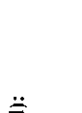
Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other 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.: Q6SR742J

13d. Name (Typed or Printed):

14d. Name (Typed or Printed): WAYNE CHIN-LOY

13e. Date (dd/mm/yyyy):

14e. Date (dd/mm/yyyy): 22/JUL/2014

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.

N927PP 4/15/2016 Hobbs 24256

1. Approving U.S. Aviation Authority Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 5031978	
4. Organization Name (if Applicable) Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order or Case Number 2222444		
6. Item 10	7. Description INTAKE VALVE	8. Part Number 655867	9. Quantity 1	10. Serial Number N/A	11. Status/Work New	
12. Remarks AIRWORTHINESS APPROVAL - PARTS. PO#: 1604 11 07						
13. Certifies the items comply with the applicable FAA regulations to: <input checked="" type="checkbox"/> Approved design data and are approved for release to users. <input type="checkbox"/> Non-approved design data specified in Block 12.			14. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
15a. Authorized Signature <i>Randy Malcolm</i>		15b. Approver's Authorization No. ODA-100129-CE		16a. Authorized Signature		16c. Approved Certificate No.
15c. Name (Typed or Printed) RANDY MALCOLM		15d. Date (dd/mm/yyyy) 11/Apr/2016		16b. Name (Typed or Printed)		16d. Date (dd/mm/yyyy)
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document does not constitute a warranty to install the aircraft engine/properly or other.</p> <p>Where the user/installer performs work in accordance with the national, for instance of an airworthiness authority of the country of origin of the country specified in Block 1, it is essential that the user/installer ensures that the work is properly installed in accordance with the applicable airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 15 and 16 do not constitute installation certification. It is the user/installer's responsibility to ensure that the work is installed in accordance with the applicable airworthiness authority of the country of origin of the aircraft.</p>						
FAA Form 8130-3 (02-11)			NSN 7530-01-280-555			

Star Aviation Services
108 Nowlin Lane, Hangar 21
Chattanooga, TN 37421
(423) 499-1100

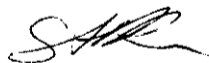
2 May 2016

N927PP

Hobbs: 242".7

Removed starter Part No. 646275 Ser. No. A012012. Installed fresh Over Hauled Starter Part No. 646275-1 Ser. No. T-080104, See 8130-3. Removed and re-gapped sparkplugs, Removed left mag, sent to customer for repair. Reinstalled OPS checked normal. Performed ground operational check normal no leaks noted.

Aircraft returned to service for work performed. Details are on file at Star Aviation Services under W.O. # M6308P.



Steven D Rasor 3229490 A&P
For Star Aviation Services Inc.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority/Country: **FAA/UNITED STATES**

2. Form Tracking Number: **INV #:**

3. Organization Name and Address: **Aerotech of Louisville, Inc. 2209 Watterson Trail Louisville, KY 40299 W/O: 117812**

4. Work Order, Contract, or Invoice Number:

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	STARTER	646275-1	1	S/N T-080104	OVERHAULED

12. Remarks: **This item was overhauled by Aerotech of Louisville, Inc. on W/O # 117812 Dated 7/Apr/2016**
FAA Approved repair station number PU4R453M.
Overhauled unit per overhaul manual TW5000

13a. Certifies the items identified above were manufactured in conformity to:

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

13b. Authorized Signature: _____

13c. Approval/Authorization No: _____

13d. Name (Typed or Printed): **John C. Evans**

13e. Date (dd/mm/yyyy): _____

14c. Approval/Certificate No: **PU4R453M**

14e. Date: (dd/mm/yyyy): **7/Apr/2016**

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.

Aerotech of Louisville Inc.

2209 Watterson Trail
Louisville, KY 40299

FAA Certified Repair Station # PU4R453M
TCM TW5000 Starter Maintenance Release

Model <u>24V</u>	Part No. <u>646275-1</u>	Serial No. <u>T-080104</u>
Work Order No. <u>117812</u>	Technician <u>Terry Ridgeway</u>	Date <u>04-07-16</u>

This unit was disassembled, cleaned, inspected, reassembled, and tested in accordance with current manufacturer's overhaul manual specifications and in accordance with current F.A.A. regulations concerning this unit.

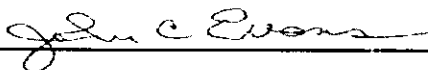
The Following Parts Have Been Replaced (All Other Parts Are Serviceable)								
Qty.	Part#	Desc.	Qty.	Part#	Desc.	Qty.	Part#	Desc.
4	MDL-1064E	BRUSHES						
1	646328	SEAL						
1	646327	DE BEARING						
1	646348	CE BEARING						
1	MS9021-038	O-RING						

In some instances F.A.A. approved P.M.A. parts are used other than the original manufacturer's

AD Notes					
AD No.	Int.	Method of Compliance	AD No.	Int.	Method of Compliance

Service Bulletins Complied With									

This unit is approved for return to service

Signature  Date 04-07-16



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954

LOG ID# 17858 16-June-2016 WO# 16262

N927PP S/N 1367 CIRRUS SR20

HOBBS 2446.8

FLT HOBBS 525.2

Pg 1 / 1

AVIATION, INC.

*** ENGINE LOG ENTRY ***

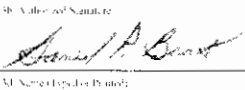
REMOVED #1, #3, #4, #5, #6 CYLINDERS. GROUND VALVES AND SEATS. LAPPED VALVES. REPLACED EXHAUST VALVE #4 CYLINDER. REPLACED INTAKE VALVE #3 CYLINDER. CLEANED GUIDES. HONED CYLINDERS. REPLACED #3, #4 #5, #6 CYLINDER PISTONS. REPLACED RINGS, SIZED RINGS IN ACCORDANCE WITH SID97-4. INSTALLED CYLINDERS WITH NEW GASKETS AND SEALS. TORQUED HOLD DOWN NUTS IN ACCORDANCE WITH S/B 96-7D. ADJUSTED MAG TIMING TO 24 DEGREES. COMPRESSIONS: #1 72/80 #3 64/80 #4 72/80 #5 60/80 #6 68/80. SERVICED WITH 50/100 MINERAL OIL. REPLACED OIL FILTER. RAN ENGINE. ALL CHECKS NORMAL.

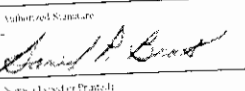
MAINTENANCE RELEASE.

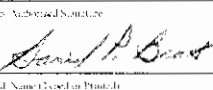
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#16262 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

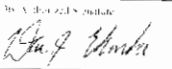
Signed DK7R795J FOR DLK AVIATION, INC.

N927PP

1 Approving Civil Aviation Authority (CAA) FAA/United States		2 AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3 Form Tracking Number 5112426	
4 Organization Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5 Work Order Contract Invoice Number 2286165		
6 Item 20	7 Description RING SET	8 Part Number 649225	9 Quantity 1	10 Serial Number N/A	11 Status Work New	
12 Remarks AUTHORIZED RELEASE DOCUMENT PO#: 16030305						
13 Certifies the replacement labels were maintained in accordance with: <input checked="" type="checkbox"/> Approved design data, certificate number for safe operation <input type="checkbox"/> Non-approved design data specified in Block 11			14a <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
13a Authorized Signature 		13b Approval Authorization No. PC4		14b Authorized Signature	14c Approval Certificate No.	
13d Name (Typed or Printed) DANIEL P. BEAT		13e Date (dd/mm/yyyy) 03/Jun/2016		14d Name (Typed or Printed)	14e Date (dd/mm/yyyy)	
15 User/Installer Responsibilities It is important to understand that the execution of this document 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, it is their responsibility to ensure that the airworthiness authority of the country specified in Block 1 is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine/propeller articles used 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 authorized certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

1 Approving Civil Aviation Authority (CAA) FAA/United States		2 AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3 Form Tracking Number 5112426	
4 Organization Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5 Work Order Contract Invoice Number 2286165		
6 Item 20	7 Description RING SET	8 Part Number 649225	9 Quantity 1	10 Serial Number N/A	11 Status Work New	
12 Remarks AUTHORIZED RELEASE DOCUMENT PO#: 16030305						
13 Certifies the items identified above were maintained in accordance with: <input checked="" type="checkbox"/> Approved design data, certificate number for safe operation <input type="checkbox"/> Non-approved design data specified in Block 11			14a <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
13a Authorized Signature 		13b Approval Authorization No. PC4		14b Authorized Signature	14c Approval Certificate No.	
13d Name (Typed or Printed) DANIEL P. BEAT		13e Date (dd/mm/yyyy) 03/Jun/2016		14d Name (Typed or Printed)	14e Date (dd/mm/yyyy)	
15 User/Installer Responsibilities It is important to understand that the execution of this document 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, it is their responsibility to ensure that the airworthiness authority of the country specified in Block 1 is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine/propeller articles used 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 authorized certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

1. Approving Civil Aviation Authority Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 5112426	
4. Organization Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order Contract Invoice Number 2286165		
6. Item 20	7. Description RING SET	8. Part Number 649225	9. Quantity 1	10. Serial Number N/A	11. Status Work New	
12. Remarks AUTHORIZED RELEASE DOCUMENT PO#: 16030305						
13. Certificates of Release (where applicable) were manufactured in accordance with: <input checked="" type="checkbox"/> Approved design data and/or in accordance with release on		14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certificate 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.				
13a. Authorized Signature 		13b. Approval Authorization No. PC4		13c. Authorized Signature		
13d. Approval Certificate No.		13e. Date (dd/mm/yyyy) 03/Jun/2016		13f. Name (Typed or Printed) DANIEL P. BEAT		
User/Installer Responsibilities						
It is important to understand that the existence of this document does not constitute a certificate authority to install the aircraft engine or propeller.						
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 and fully meets the criteria for release 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 certificate issued in accordance with the national regulations by the user/installer before the aircraft is flown.						
FAA Form 8130-3 (02/14)		NSN 0012-000-012-0005				

1. Approving Civil Aviation Authority Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 5112426	
4. Organization Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order Contract Invoice Number 2286815		
6. Item 30	7. Description INTAKE VALVE	8. Part Number 655867	9. Quantity 1	10. Serial Number N/A	11. Status Work New	
12. Remarks AUTHORIZED RELEASE DOCUMENT #3 C4L PO#: 16030305						
13. Certificates of Release (where applicable) were manufactured in accordance with: <input checked="" type="checkbox"/> Approved design data and/or in accordance with release on		14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certificate 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.				
13a. Authorized Signature 		13b. Approval Authorization No. PC4		13c. Authorized Signature		
13d. Approval Certificate No.		13e. Date (dd/mm/yyyy) 04/Jun/2016		13f. Name (Typed or Printed) DAN J. EHMKE		
User/Installer Responsibilities						
It is important to understand that the existence of this document does not constitute a certificate authority to install the aircraft engine or propeller.						
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 and fully meets the criteria for release 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 certificate issued in accordance with the national regulations by the user/installer before the aircraft is flown.						
FAA Form 8130-3 (02/14)		NSN 0012-000-012-0005				

1. Issuing Authority FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 5112426	
4. Manufacturer Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order Contract Invoice Number 2286165		
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status Work	
10	GASKET SET	646560A1	1	N/A	New	
12. Remarks AUTHORIZED RELEASE DOCUMENT PO#: 16030305						
13a. <input checked="" type="checkbox"/> Approval of repair, installation, or modification 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. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 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.			
13c. Authorized Signature		13d. Approval Authorization No.		13e. Authorized Signature		13f. Approval Certificate No.
		PC4				
13g. Name (Typed or Printed)		13h. Date (mm/dd/yyyy)		13i. Name (Typed or Printed)		13j. Date (mm/dd/yyyy)
DANIEL P. BEAT		03/Jun/2016		DANIEL P. BEAT		03/Jun/2016
User/Installer Responsibilities It is the responsibility of the user/installer to ensure that the existence of this document is not used to justify the use of an engine or propeller article. Where the user/installer performs work in accordance with the national regulations or 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 such repair, installation, or modification in accordance with the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 13b do not constitute approval of any other work. Full compliance with all applicable regulations is required for the aircraft to be flown in accordance with the national regulations by the user/installer before the aircraft may be flown.						
FAA Form 8130-3 (2-14)				NSN 7540-01-290-905		

1. Issuing Authority A/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 5112426	
4. Manufacturer Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order Contract Invoice Number 2286165		
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status Work	
10	GASKET SET	646560A1	1	N/A	New	
12. Remarks AUTHORIZED RELEASE DOCUMENT PO#: 16030305						
13a. <input checked="" type="checkbox"/> Approval of repair, installation, or modification 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. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
13c. Authorized Signature		13d. Approval Authorization No.		13e. Authorized Signature		13f. Approval Certificate No.
		PC4				
13g. Name (Typed or Printed)		13h. Date (mm/dd/yyyy)		13i. Name (Typed or Printed)		13j. Date (mm/dd/yyyy)
DANIEL P. BEAT		03/Jun/2016		DANIEL P. BEAT		03/Jun/2016
User/Installer Responsibilities It is the responsibility of the user/installer to ensure that the existence of this document is not used to justify the use of an engine or propeller article. Where the user/installer performs work in accordance with the national regulations or 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 such repair, installation, or modification in accordance with the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 13b do not constitute approval of any other work. Full compliance with all applicable regulations is required for the aircraft to be flown in accordance with the national regulations by the user/installer before the aircraft may be flown.						
FAA Form 8130-3 (2-14)				NSN 7540-01-290-905		

1. Issuing Authority FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 5112426	
4. Manufacturer Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order Contract Invoice Number 2286165		
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status Work	
10	GASKET SET	646560A1	1	N/A	New	
12. Remarks AUTHORIZED RELEASE DOCUMENT PO#: 16030305						
13a. <input checked="" type="checkbox"/> Approval of repair, installation, or modification 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. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
13c. Authorized Signature		13d. Approval Authorization No.		13e. Authorized Signature		13f. Approval Certificate No.
		PC4				
13g. Name (Typed or Printed)		13h. Date (mm/dd/yyyy)		13i. Name (Typed or Printed)		13j. Date (mm/dd/yyyy)
DANIEL P. BEAT		03/Jun/2016		DANIEL P. BEAT		03/Jun/2016
User/Installer Responsibilities It is the responsibility of the user/installer to ensure that the existence of this document is not used to justify the use of an engine or propeller article. Where the user/installer performs work in accordance with the national regulations or 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 such repair, installation, or modification in accordance with the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 13b do not constitute approval of any other work. Full compliance with all applicable regulations is required for the aircraft to be flown in accordance with the national regulations by the user/installer before the aircraft may be flown.						
FAA Form 8130-3 (2-14)				NSN 7540-01-290-905		

ENGINE MODEL:
ENGINE S/N:
REG. NO: N927PP
WORK ORDER:
2887-07-2016



Yulista Aviation

190 Bolling Road
Meridianville, Alabama 35759
Phone: (256) 828-9286

DATE: 7/16/2016
A/C TSN:
ENG TT:
TACH: 2461

Engine Entries

Adjusted magneto timing to 24 deg. BTC both magnetos. Ops check satisfactory.

Maintenance Release

The aircraft and/or component(s) on N927PP was repaired and inspected in accordance with 14 CFR of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station. YUTR674Y under Work Order No. 2887-07-2016, Dated 7/16/2016.

DATE: 7/16/2016

SIGNED:

Work Order: 2887-07-2016

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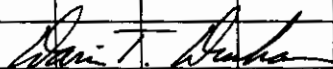
29 JUL 2016 - TIME IN SERVICE: 2469.4 HRS.

ENGINE MODEL: IO-360-ES, SERIAL# 357636

A/C: N927PP SR-20, SERIAL# 1367

CHANGED OIL & FILTER, CUT OPEN FILTER
& INSPECTED. NO ISSUES FOUND. OIL

SAMPLE SENT TO BLACKSTONE. SERVICED
WITH 7QTS. AEROSHELL W100 + 1PT. OF
ASL CAMGUARD. RAN UP & CHECKED FOR
LEAKS.



DARIN T. DUNHAM

PRIVATE PILOT, 3143715

Make: Continental Model: IO-360-ES s/n: 357636 N927PP HM 563.6 Date 08-26-16

1. Oil pressure low. Removed oil pressure regulator and cleaned debris from seat. Reinstalled oil pressure regulator and adjusted oil pressure per maintenance manual.
2. Removed right magneto model 6314 s/n 04081296.
3. Installed and timed new magneto model 6314 s/n 16010791.

MAINTENANCE RELEASE / RETURN TO SERVICE

I certify that this engine has been repaired in a manner consistent with continued airworthiness and in accordance with a current FAR's and applicable manufacturers publications determined to be in a airworthy condition with respect to work performed and is approved for return to service.


Inspector / Authorized Signature

A+P3141174
License Number

8-26-16
Date

WARNING

- When installing drive gear or driver onto magneto, torque nut provided to 120 to 180 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin.

FAA-PMA Approved

This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in the Champion/Slick L-1318 Document in the F-1100 Master Service Manual. For LASAR[®] Magnetos, see L-1500 Manual.

Enter magneto model, serial number, and date of installation, and attach this tag to engine logbook.

Magneto Model No. 6314

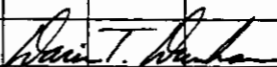
Magneto Serial No. 16010791

Date of Installation 8-26-16

L-1543

March 30, 2009

3 SEP 2016 TIME IN SERVICE 2486.2
ENGINE MODEL: IO-360-ES, S/N: 357636
A/C: N927PP SR-20, S/N: 1367
CHANGED OIL & FILTER, CUT OPEN
FILTER & INSPECTED. NO ISSUES
FOUND. OIL SAMPLE SENT TO
BLACKSTONE. SERVICED WITH 7QTS
AEROSHELL W100 + 1PT. OF ASL
CAMGUARD. RAN UP & CHECKED
FOR LEAKS.



DARIN T. DUNHAM
PRIVATE PILOT, 3143715

16 DEC 2016 TIME IN SERVICE: 2541.5

ENGINE MODEL: 10-360-ES, SN: 357636

A/C: N927PP SR-20, SN: 1367

CHANGED OIL & FILTER, CUT OPEN
FILTER & INSPECTED. NO ISSUES FOUND.

OIL SAMPLE SENT TO BLACKSTONE.

SERVICED WITH 7QTS AEROSHELL W100
PLUS 1/2 PT. OF ASL CAMGUARD.

RAN UP & CHECKED FOR LEAKS.

Darin T. Dunham

DARIN T. DUNHAM

PRIVATE PILOT, 3143715

ENGINE MODEL:
ENGINE S/N:
REG. NO: N927PP
WORK ORDER:
2989-01-2017



Yulista Aviation

190 Bolling Road
Meridianville, Alabama 35759
Phone: (256) 828-9286

DATE: 1/7/2017
A/C TSN:
ENG TT:
HOBBS: 2357.3

Engine Entries

Replaced oil quick drain valve with new SAF-AIR p/n S6250 valve and safetied. No leaks noted at this time.

Maintenance Release

The aircraft and/or component(s) on N927PP was repaired and inspected in accordance with 14 CFR of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station YUTR674Y under Work Order No. 2989-01-2017, Dated 1/7/2017.

DATE: 1/7/2017

SIGNED:

Work Order: 2989-01-2017

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ENGINE MODEL:
ENGINE S/N:
REG. NO: N927PP
WORK ORDER:
2997-01-2017



Yulista Aviation

190 Bolling Road
Meridianville, Alabama 35759
Phone: (256) 828-9286

ALT #2

DATE: 1/14/2017
A/C TSN:
ENG TT:
HOBBS: 2557.3

Engine Entries

Removed inoperative alternator s/n 0742919 and installed owner furnished alternator p/n BC410-1 s/n 0765128. Operational check is satisfactory.

Maintenance Release

The aircraft and/or component(s) on N927PP was repaired and inspected in accordance with 14 CFR of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station YUTR674Y under Work Order No. 2997-01-2017, Dated 1/14/2017.

DATE: 1/14/2017

SIGNED:

Work Order: 2997-01-2017

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1. Approving Civil Aviation Authority/Country: FAA/United States

2. AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number: 164049

4. Organization Name and Address: B&C SPECIALTY PRODUCTS, INC. 123 EAST 4th STREET NEWTON, KS 67114-0894

Customer: AV Parts 350 West Aviation Way, Ste A Newnan, GA 30263


5. Work Order/Contract/Invoice Number: 120516-5128

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Alternator	BC410-1	1	0765128	Overhauled

12. Remarks: Item 1: Overhauled in accordance with B&C Specialty Products component maintenance manual for the BC410 Alternator.

A complete description of work performed is on file at the above referenced organization under the part description listed in blocks 6, 7, 8, 10, 11, and the work order/contract/invoice number indicated in block 5.

13a. Certified the items identified above were manufactured in conformity with approved design data and are in a condition for safe operation.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12
<input checked="" type="checkbox"/> 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:	14b. Authorized Signature: 
13c. Name (Typed or Printed):	14c. Approval/Certificate No.: ZG9R9333X
13d. Date (dd/mm/yyyy):	14d. Date (dd/mm/yyyy): 08 Dec 2016

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.

Gann Aviation, Inc.

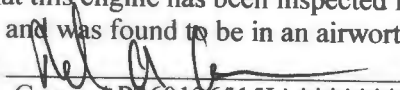
Engine Logbook Entry

Date: 03-02-17 N Number: 927PP Make and Model: Cirrus SR-20
Engine Make: TCM Model: IO360ES6 SN: 357636 Hobbs: 2566.0
TT: 2566.0 STO: 174.1

Completed an Annual/100hr. inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Compression check: #1.65/80. #2.65/80, #3.70/80, #4.68/80, #5.68/80, #6.65/80. Changed oil and filter. Inspected oil filter per Champion Service Manual AV6-R. Found satisfactory. Serviced with 7 quarts of Aeroshell W100 oil and 1/2 pint of CamGuard. Oil sample taken. Installed a new Tempest AA48108-2 filter. Replaced induction air filter with Brackett BA-24. Cleaned, gapped, inspected and rotated spark plugs with new M674 gaskets.

I certify that this engine has been inspected in accordance with an annual/100 Hr. inspection and was found to be in an airworthy condition.

Signature:



Richard A. Cason AP260136515IA*****END*****

15 JUL 2017 TIME IN SERVICE 2616.1

ENGINE MODEL: IO-360-ES, S/N: 357636

A/C: N927PP SR-20, S/N: 1367

CHANGED OIL & FILTER, CUT OPEN

FILTER & INSPECTED. NO ISSUES

FOUND. OIL SAMPLE SENT TO BLACKSTONE.

SERVICED WITH 7QTS AEROSHELL

W100 + 1/2 PT. OF ASL CAMGUARD.

RAN UP & CHECKED FOR LEAKS.

Darint T. Dunham

DARINT. DUNHAM

PRIVATE PILOT, 3143715

11NOV2017

TIME IN SERVICE: 2670.4

ENGINE MODEL: IO-360-ES

S/N: 357636 A/C: N927PP

SR-20, S/N: 1367

CHANGED OIL & FILTER, CUT OPEN
FILTER & INSPECTED. NO ISSUES
FOUND. OIL SAMPLE SENT TO
BLACKSTONE FOR ANALYSIS.

SERVICED WITH 7QTS. AEROSHELL
W100 & 1/2 PT. OF ASL ~~■~~ CAMBUARD.
ADDED WATER TO BATTERY. RAN
UP & CHECKED FOR LEAKS.

Darin T. Dunham

DARIN T. DUNHAM

PRIVATE PILOT, 3143715

Gann Aviation, Inc.

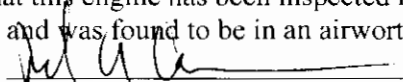
Engine Logbook Entry

Date: 02-19-18 N Number: 927PP Make and Model: Cirrus SR-20
Engine Make: TCM Model: IO360ES6 SN: 357636 Hobbs: 2702.4
TT: 2702.4 STOH: 310.5

Completed an Annual/100hr. inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Compression check: #1.65/80, #2.68/80, #3.63/80, #4.68/80, #5.68/80, #6.64/80. Changed oil and filter. Inspected oil filter per Champion Service Manual AV6-R. Found satisfactory. Serviced with 7 quarts of Aeroshell W100 oil and 1/2 pint of CamGuard. Oil sample taken. Installed a new Tempest AA48108-2 filter. Replaced induction air filter with Brackett BA-24. Cleaned, gapped, inspected and rotated spark plugs with new M674 gaskets.

I certify that this engine has been inspected in accordance with an annual/100 Hr. inspection and was found to be in an airworthy condition.

Signature:



Richard A. Cason AP260136515IA*****END*****

27 MAY 2018 TIME IN SERVICE 2758.2

ENGINE MODEL: IO-360-ES, S/N: 357636

A/C: N927PP SR-20, S/N: 1367

CHANGED OIL & FILTER, CUT OPEN
FILTER & INSPECTED. NO ISSUES FOUND.

OIL SAMPLE SENT TO BLACKSTONE.

SERVICED WITH 7QTS. AEROSHELL

W100 + 1/2 PT. OF ASL CAMGUARD.

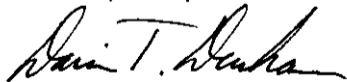
ADDED WATER TO BATTERY.

Darin T. Dunham

DARIN T. DUNHAM

PRIVATE PILOT, 3143715

Date: 16 Sep 2018; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 2813.0; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 7 quarts of Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery. Replaced TCM o-ring (pn#AS3570-011) on dipstick.



Darin T. Dunham
Private Pilot, 3143715

Date: 28 Dec 2018; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 2865.4; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 7 quarts of Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery.



Darin T. Dunham
Private Pilot, 3143715

Date: 28 Dec 2018; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 2865.4; Engine Model: IO-360-ES
Serial #: 357636; Replaced rocker cover gasket on forward
cylinders 4 & 6 and aft cylinders 3 & 5. Torqued to 25 in-
pounds. Flew and re-torqued to 20 in-pounds. - END -

 ARP 3620974 JA

Date: 02/27/2019 **Hours:** 2888.4

Tail#: N927PP

Make: Continental

Model: IO-360-ES

S/N: 357636

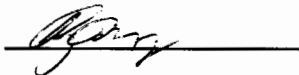
Inspected engine using the Cirrus service manual and FAR part 43 appendix D as a guide. Drained oil and service with 7 quarts Aeroshell 100 and 8 oz of Camgard. Replaced filter with new AA48108-2 and safetied. Cut open old filter to inspect for metal, none found. Checked compressions at 1)72, 2)68, 3)71, 4)72, 5)67, 6)60 over 80psi. Used video scope to internally inspect cylinders, no defects noted. Replaced air filter with new BA24 Brackett filter. Cleaned and gapped all spark plugs, replaced gaskets with new M674 copper gaskets. Torqued all spark plugs to 350 in lbs. Checked ignition timing to 24 degrees. I certify this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition. End

Name: Ray Meyer Jr.

Cert: AP 3115846 IA

Co: Executive Flight Center

Sign:



Date: 25 May 2019; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 2938.7; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to battery. ==END==



Darin T. Dunham

Private Pilot, 3143715

Date: 30 Jul 2019; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 2991.8; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to battery. ==END==

A handwritten signature in black ink, appearing to read "Darin T. Dunham". The signature is fluid and cursive, with the first name "Darin" being the most prominent part.

Darin T. Dunham


Private Pilot, 3143715

Date: 4 Aug 2019; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 2991.8; Engine Model: IO-360-ES
Serial #: 357636; Replaced pushrod tube gaskets on
cylinders 1 and 3. Torqued rocker nuts to 110 in-pounds.
Replaced 3 of the rocker cover gaskets with REAL gaskets.
Torqued rocker cover screws to 25 in-pounds; Flew and re-
torqued to 20 in-pounds. ==END==


RAY MEYER, JR.

CERT. AP 3115846 IA

Date: 1 Dec 2019; **A/C:** SR-20, N927PP; **Serial #:** 1367
Time in Service: 3047.1; **Engine Model:** IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery. ==END==


Darin T. Dunham
Private Pilot, 3143715

Date: 26 Dec 2019; **A/C:** SR-20, N927PP; **Serial #:** 1367
Time in Service: 3061.2; **Engine Model:** IO-360-ES
Serial #: 357636; Completed 500-hour magneto inspection. Replaced contact point P/N M3081 and capacitor P/N K3984 on both and replaced coil P/N K3975 and distributor block and gear P/N K3823 on left magneto. Reinstalled both magnetos and set timing to 24 degrees. ==END==


Ray Meyer, Jr.
AP 3115846 IA

Date: 03/03/2020 **Hours:** 3075.8 AFTT ENG TT 3075.8 STO H 683.9

Tail#: N927PP

Make: Continental

Model: IO-360-ES

S/N: 357636

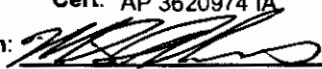
Inspected engine using the Cirrus service manual and FAR part 43 appendix D as a guide. Drained oil and service with 8 quarts Aeroshell 100 and 8 oz of Camguard. Replaced filter with new AA48108-2 and safe-T cabled. Cut open old filter to inspect for metal, none found. Checked compressions at 1)67, 2)69, 3)74, 4)69, 5)73, 6)65 over 80psi Master Orifice 45. Used video scope to internally inspect cylinders, no defects noted. Replaced air filter with new BA24 Brackett filter. Replaced all spark plugs, with new URHM38S plugs & M674 copper gaskets Torqued to 360 in lbs. Checked ignition timing to 24 degrees. Removed all Gami injectors and cleaned with Hoppe's 9 reinstalled & Torqued to 100 in lbs. I certify this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition.***END***

Name: Michael S Adams

Cert: AP 3620974 IA

Co: Executive Flight Center

Sign:



Date: 4 Jun 2020; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3100.6; Engine Model: IO-360-ES
Serial #: 357636; Removed inoperative alternator s/n
0765128, sent to B&C for overhaul, and re-installed in
aircraft. Operational check is satisfactory. ==END==

B. L. Cochran, AP 3337208

Date: 10 Jul 2020; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3130.2; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to battery. ==END==



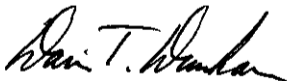
DARIN T. DUNHAM
PRIVATE PILOT, 3143715

Date: 8 Nov 2020; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3182.5; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to battery. ==END==



Darin T. Dunham
Private Pilot, 3143715

Date: 24 Jan 2021; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3234.2; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to battery. ==END==



Darin T. Dunham

Private Pilot, 3143715

Executive Flight Center, 360 Clyde Shelton Drive , Meridianville AL 35759

Date: 03-19-2021 Logbook: Engine 1 Tail Number: N927PP

Model: IO-360-ES Serial: 357636 Tach: 3241.8 Total Time Since New 3241.8

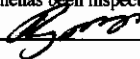
Repairs / Maintenance

- Inspected this engine using 14 CFR Part 43 appendix D and Cirrus service manual as a guide. Owner assisted in removing and cleaning spark plugs. Re-installed spark plugs with new M674 gaskets and torqued to 360 in-lbs. Borescoped engine, no visible defects noted. Checked compressions at 1)72, 2)71, 3)68, 4)78, 5)68, 6)63 over 80psi
- Drained oil and serviced with 8 quarts Aeroshell 100 and 8 oz of Camguard. Replaced filter with new AA48108-2 and safe-T cabled. Cut open old filter to inspect for metal, none found.
- Adjusted timing on both magnetos to 24 degrees BTC
- Assisted owner in replacing oil cooler with new P/N 8000934 S/N 2089732. Replaced Bumper bracket damper.
- Replaced pushrod seals on cylinders 2,4 and 6 with owner supplied TCM seals.
- Removed and cleaned all fuel injectors. Found damaged injector on cylinder #2. Replaced with new GAMI.

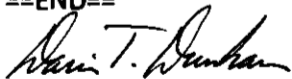
The work described on the above work order was performed accordance with current regulations of the FEDERAL AVIATION ADMINISTRATION

. I certify this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition. **Ray Meyer**

AP31158461A



**Date: 4 June 2021; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3274.7.6; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to battery. ==END==**

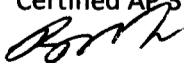


Darin T. Dunham

Private Pilot, 3143715

Date: 13 Aug 2021; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3316.4; Engine Model: IO-360-ES
Serial #: 357636; Replaced tach sensor assembly, part
number 12323-001. Operations check satisfactory. ==END==

Ray Meyer, Jr.
Certified AP 3115846 IA



Date: 6 Sep 21; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3324.3; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to battery. ==END==



Darin T. Dunham
Private Pilot, 3143715

Date: 5 Nov 21; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3376.7; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery. Repaired top right corner of windscreen seal. ==END==



Darin T. Dunham
Private Pilot, 3143715

Gann Aviation, Inc.

Engine Logbook Entry

Date: 02-10-22 N Number: 927PP Make and Model: Cirrus SR-20

Engine Make: TCM Model: IO360ES6 SN: 357636 Hobbs: 3408.9

TT: 3408.9 STOH: 1017.0

Completed an Annual/100hr. inspection per Cirrus SR20 Maintenance Manual

Inspection checklist and CFR 43 appendix D. Compression check: #1.68/80. #2.71/80,

#3.65/80, #4.69/80, #5.70/80, #6.67/80. C/W Continental's service bulletin SB03-3

master orifice at 48lbs. Borescoped 6 cylinders using Vividia VA-400 Digital Borescope.

Changed oil and filter. Inspected oil filter per Champion Service Manual AV6-R. Found

satisfactory. Serviced with 8 quarts of Aeroshell W100 oil and 1/2 pint of CamGuard. Oil

sample taken. Installed a new Champion CH48108-1 filter. Replaced induction air filter

with Brackett BA-24. Cleaned, gapped, inspected and rotated spark plugs with new M674

gaskets.

I certify that this engine has been inspected in accordance with an annual/100 Hr.

inspection and was found to be in an airworthy condition.

Signature: 

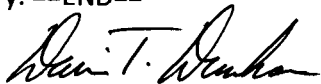
Richard A. Cason AP260136515IA*****END*****

Date: 12 May 22; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3444.4; Engine Model: IO-360-ES
Serial #: 357636; Replaced cylinder #3 fuel injector with
new one from GAMI. Operations check satisfactory.
==END==

Ray Meyer, Jr.
Certified AP 3115846 IA

A handwritten signature in black ink, appearing to read 'Ray Meyer, Jr.', written in a cursive style.

Date: 4 Jun 22; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3461.7; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to battery. ==END==



Darin T. Dunham

Private Pilot, 3143715

Executive Flight Center, 360 Clyde Shelton Drive , Meridianville AL 35759

Date: 08-25-2022 Logbook: Engine 1 Tail Number: N927PP

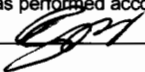
Model: IO-360-ES Serial: 357636 TTSN: SMOH:

Repairs / Maintenance

- TACH 3505.0
- Removed and replaced Right Magneto with SureFly SIM6C S/N 6C-1222040 per STC SE04349CH and Manufacturer's Instructions (Document No. SF1003, Revision #C). Set DIP switches for 24 degrees fixed (OFF-ON-ON-OFF) and verified proper LED flashing. Timed to engine at 0 degrees. Engine started and executed magneto run-up test with no problems observed.
- See 337 this date.

Parts Installed

Partnum	Qty	Description	Lot Number	Serial Number
SIM6C	1	SUREFLY SIM6C 6-CYLINDER CONTINENTAL MAG REPLACEMENT		6C-1222040

The work described on the above work order was performed accordance with current regulations of the FEDERAL AVIATION ADMINISTRATION. Ray Meyer AP3115846IA 



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark United States / N927PP	Serial No. 1367	
	Make CIRRUS DESIGN CORP	Model SR20	Series
2. Owner	Name (As shown on registration certificate) Darin Dunham / VECTRAXX		Address (As shown on registration certificate)
			Address 208 Buddy Tate Lane
			City Meridianville State AL
			Zip 35759-1989 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	<u>CIRRUS DESIGN CORP</u>	(As described in Item 1 above)	<u>1367</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	POWERPLANT	CONT MOTOR	IO-360-ES	357636
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Ray Meyer		<input checked="" type="checkbox"/>	U. S. Certificated Mechanic
Address 360 Clyde Shelton Drive			Foreign Certificated Mechanic
City Meridianville State AL			Certificated Repair Station
Zip 35759 Country United States			Certificated Maintenance Organization
		C. Certificate No. AP 3115846 IA	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual 8/25/2022
--	--

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/>	Inspection Authorization
				Other (Specify)

Certificate or Designation No. 3115846IA	Signature/Date of Authorized Individual 8/25/2022
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

United States / N927PP

8/25/2022

Nationality and Registration Mark

Date

Removed and replaced Right Magneto with SureFly SIM6C S/N 6C-1222040 per STC SE04349CH and Manufacturer's Instructions (Document No. SF1003, Revision #C). Set DIP switches for 24 degrees fixed (OFF-ON-ON-OFF) and verified proper LED flashing. Timed to engine at 0 degrees. Engine started and executed magneto run-up test with no problems observed.

INSTALLED EQUIPMENT:

- PN: SIM6C, SUREFLY SIM6C 6-CYLINDER CONTINENTAL MAG REPLACEMENT
SERIAL NUMBER:6C-1222040

Connected SureFly SIM in Right Magneto position to battery circuit at battery box output stud before master solenoid with supplied Power Wire & Fuse (Surefly P/N 6C601) per STC SA04378CH and Manufacturer's Instructions (Document No. SF2001, Revision B). Affixed supplied placard to the aircraft's instrument panel in view of pilot. Performed post-installation checks per Manufacturer's Instructions.

Inserted SureFly ICA's (Document No. SF1005, Revision #A for Engine & Document No. SF2005, Revision #B for Airframe) in aircraft's records.

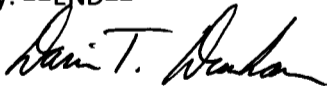
Inserted SureFly AFMS (Document No. SF2006, Revision #B) in POH/AFM

Weight and Balance change negligible.

end

Additional Sheets Are Attached

Date: 30 Aug 22; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3511.6; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to battery. ==END==



Darin T. Dunham
Private Pilot, 3143715

Date: 16 Dec 22; A/C: SR-20, N927PP; Serial #: 1367

Time in Service: 3566.2; Engine Model: IO-360-ES

Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W80 and 0.5 pint of ASL Camguard. Added water to battery. ==END==



Darin T. Dunham

Private Pilot, 3143715

Gann Aviation, Inc.

Engine Logbook Entry

Date: 02-09-23 N Number: 927PP Make and Model: Cirrus SR-20

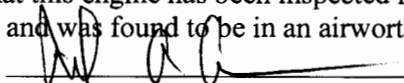
Engine Make: TCM Model: IO360ES6 SN: 357636 Hobbs: 3598.9

TT: 3598.9 STOH: 1207.0

Completed an Annual/100hr. inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Compression check: #1.65/80, #2.70/80, #3.64/80, #4.65/80, #5.70/80, #6.65/80. C/W Continental's service bulletin SB03-3 master orifice at 46lbs. Borescoped 6 cylinders using Vividia VA-400 Digital Borescope. Changed oil and filter. Inspected oil filter per Champion Service Manual AV6-R. Found satisfactory. Serviced with 8 quarts of Aeroshell W100 oil and ½ pint of CamGuard. Oil sample taken. Installed a new Tempest AA48108-2 filter. Replaced induction air filter with Brackett BA-24. Cleaned, gapped, inspected and rotated spark plugs with new M674 gaskets.

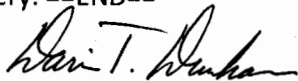
I certify that this engine has been inspected in accordance with an annual/100 Hr. inspection and was found to be in an airworthy condition.

Signature:



Richard A. Cason AP260136515IA *****END*****

Date: 20 May 23; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3643.6; Engine Model: IO-360-ES Serial #:
357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to the battery. ==END==



Darin T. Dunham
Private Pilot, 3143715

Date: 11 Aug 23; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3696.0; Engine Model: IO-360-ES Serial #:
357636; Changed oil and filter. Cut open filter and
inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL
Camguard. Added water to the battery. Replaced remote
ELT switch battery, Duracell 28L. Due in March 2032.

==END==



Darin T. Dunham

Private Pilot, 3143715

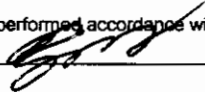
Executive Flight Center, 360 Clyde Shelton Drive , Meridianville AL 35759

Date: 09-26-2023 Logbook: Engine 1 Tail Number: N927PP ETT:

Tach: 1678.8 Time Since Major Overhaul: Model: IO-360-ES Serial: 357636

Repairs / Maintenance

- **Removed left magneto and installed overhaul kit P/N MK-601 500 hr kit. Re-installed left magneto and timed per data plate.**

The work described on the above work order was performed accordance with current regulations of the FEDERAL AVIATION
ADMINISTRATION. **Ray Meyer AP3115846IA**  _____