

N792PS

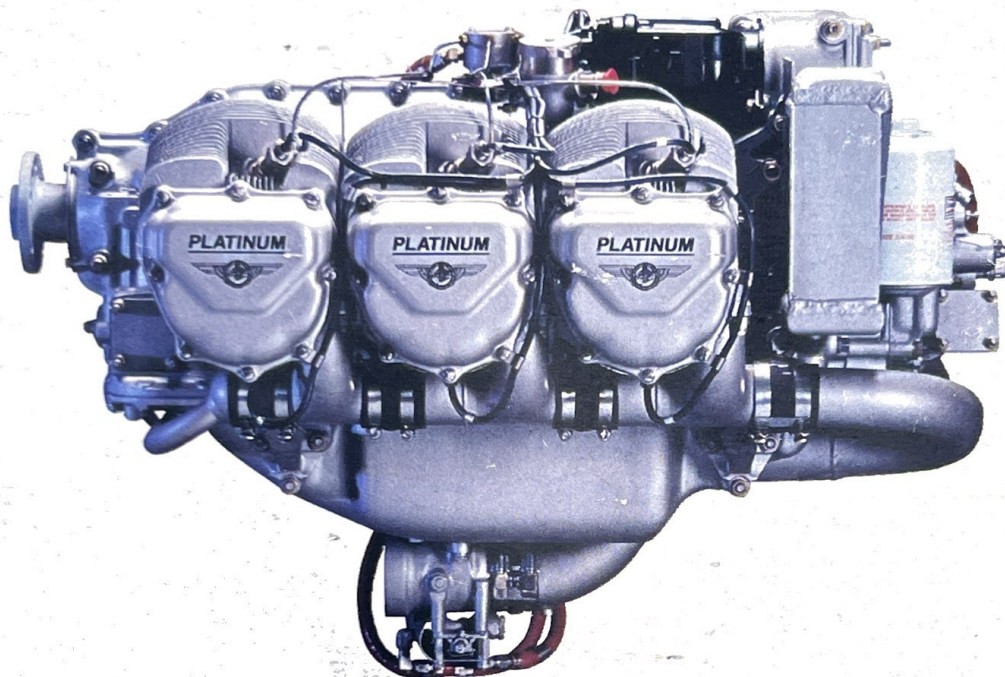
***PLATINUM***



**CONTINENTAL MOTORS**



# PLATINUM ENGINE LOG BOOK



## CONTINENTAL MOTORS

# PLATINUM ENGINE LOG BOOK



## CONTINENTAL MOTORS

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



**Teledyne Continental Motors, Inc.**

A Teledyne Technologies Company

Printed: 02/16/2006

This engine model 10550N42, Serial No. 689135 was manufactured on 02/16/2006 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.



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**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
8/17/06	62.0		62.1		Changed engine oil & filter. Serviced with 8 qts Aeroshell 15-W50 and Champion CH48108-1 filter. Inspected removed filter and found no anomalies. Torqued and safed oil filter. End of record. Dan Whistler 2657965
9/26/06	95.1		95.1		Drained oil and removed oil filter. Serviced engine with 8qt of Aeroshell 15/50. Inspected oil filter, no abnormalities noted. Install new champion oil filter. D. Landreth AD. P. 2651512 IA

TORNADO ALLEY TURBO INC.  
300 AIRPORT RD  
ADA, OK 74820  
ENGINE LOG BOOK ENTRY  
5 SEPT 2006  
N105EZ CIRRUS SR22-G2 SN: SR221872 ACFT HOBBS: 95.0  
TCM IO-550-N SN# 689135 TSMOH: 95.0  
INSTALLATION OF TURBONORMALIZED SYSTEM AS PERUENT TO EXPERIMENTAL CERTIFICATE.  
INSTALLATION COMPLETED IN ACCORDANCE WITH CURRENT TORNADO ALLEY TURBO DRAWING PACKAGE AND INSTALLATION INSTRUCTIONS.  
DAVID R LANDRETH A&P 2651512 IA

TORNADO ALLEY TURBO INC.  
300 AIRPORT RD  
ADA, OK 74820  
ENGINE LOG BOOK ENTRY  
15 OCT 2006  
N105EZ CIRRUS SR22-G2 SN: SR221872 ACFT HOBBS: 111.1  
TCM IO-550-N SN# 689135 TSMOH: 111.1  
DRAINED ENGINE OIL AND REMOVED ENGINE OIL FILTER. INSPECTED OIL FILTER FOR CONTAMINATES.  
SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL 100 AD OIL AND INSTALLED CH48108-1 OIL FILTER. RUN-UP, OPERATIONAL, AND LEAK CHECK OK.  
DAVID R LANDRETH A&P 2651512 IA

ENGINE MODEL: IO-550-N (42) ENGINE S/N: 689135 REG NO: 105EZ WORK ORDER: 7872-11-2006	<b>Cirrus Design Factory Service Center</b> Repair Station No: YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101	DATE: 11/18/2006 A/C TSN: 128.2 ENG TT: 128.2 HOBBS: 128.2
<b>Engine Entries</b> (31) Retorqued right exhaust manifold IAW Tornado Alley Turbo instructions.		
DATE: 11/18/2006	SIGNED: <i>Tim Bonderer</i> Tim Bonderer Certified Repair Station No: YD5R855Y	Work Order: 7872-11-2006 Printed by EBis 3 (datcomedia.com)



Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brought Forward →

ENGINE MODEL:  
ENGINE S/N:  
REG. NO. N105EZ  
WORK ORDER 15077

**Keystone Aviation**  
Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE: 11/21/2006  
A/C TSN:  
ENG TT:  
HOBS: 140.9

**Engine Entries**

C/W 10 HOUR EXHAUST INSPECTION. NO DISCREPANCIES NOTED

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 11/21/2006

SIGNED:

crobertson  
Certified Repair Station No. K5SR339N

Work Order: 15077

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MAKE:  
MODEL:  
S/N:  
REG. NO. N105EZ  
WORK ORDER: 15077

**Keystone Aviation**  
Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE: 11/21/2006  
A/C TSN:  
HOBS: 140.9

**Airframe Entries**

TROUBLE SHOT THE #2 CHT PROBE SYSTEM. FOUND THAT THE PROBE WAS INOP. REMOVED AND REPLACED THE PROBE P/N: 12637-001. WORK DONE LAW CIRRUS SR22 MM. OPERATIONAL CHECK SATISFACTORY. REMOVED MCU P/N 1900-002 S/N 00043 AND INSTALLED SERVICEABLE MCU P/N 1900-002S S/N 00251. OPERATIONAL CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 11/21/2006

SIGNED:

crobertson  
Certified Repair Station No. K5SR339N

Work Order: 15077

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KINGS AVIONICS, INC.  
THIS IS A PERMANENT LOGBOOK ENTRY N 105EZ S/N 1872  
CABLES BETWEEN THE #1 & #2 SYSTEMS. SWAPPED GPS ANTENNA (DAX)  
THE GPS, TAWS, SKYWATCH & MKD MAP FUNCTIONS. GROUND TESTED  
GOOD. END

GENERAL AVIATION MAINTENANCE RELEASE, THE ABOVE IDENTIFIED (X) AIRCRAFT ( ) APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION UNDER:

WORK ORDER NO. 210201  
SIGNED: [Signature] DATE 11-21-06  
CRS:KD6R661N

Keystone Aviation  
Engine Logbook



MAKE  
MODEL  
S/N  
REG NO N105EZ  
WORK ORDER 15123

## Keystone Aviation

Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE: 12/1/2006  
A/C TSN  
HOBBS: 140.9

### Airframe Entries

ALTERNATOR 2 COUPLING REMOVED AND REPLACED P/N: 13565-020 WORK DONE IAW CIRRUS SR22 MM OPERATIONAL AND LEAK CHECK SATISFACTORY

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 12/1/2006

SIGNED:



Work Order: 15123

mifrench  
Certified Repair Station No. K5SR339N

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1

ENGINE MODEL 10-550-N  
(42)  
ENGINE S/N 689135  
REG NO 105EZ  
WORK ORDER  
7993-12-2006



## Cirrus Design Factory Service Center

Repair Station No YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone 218-788-3101

DATE 1/4/2007  
A/C TSN 160.4  
ENG TT 160  
HOBBS 160.4

### Engine Entries

(5) HOBBS Reads 198.3, FLIGHT Reads 171.0 Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of Aero Shell 15W50 engine oil. Performed particulate inspection on old filter, no discrepancies noted. Retained oil sample to be sent out for analysis. Performed operational and leak checks with satisfactory results. All work was accomplished IAW CDC A.M.M. 12-10

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y

DATE: 1/4/2007

SIGNED:



Scott Schelde  
Certified Repair Station No. YD5R855Y

Work Order: 7993-12-2006

Printed by EBis 3 (datcomedia.com)



## Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul		
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
3-6-07	Holds 218.0 / 246.6		HRS		Changed oil & Filter 8qts of 15W50 AeroShell. Took oil sample & changed Filter. CRD RW & Leak checked.

**MAINTENANCE RELEASE**

The aircraft and/or component was repaired and inspected in accordance with current F.A.R.'s and was found airworthy for return to service. Pertinent details of the repair are on file under work order:

No. 6239  
 Date 2-6-07 Signed [Signature] for  
 Authorized Signature

F.A.A. APPROVED REPAIR STATION NO Q6UR446Y  
 Monaco Air Duluth LLC,  
 4535 Airport Approach Road, Duluth, MN 55811

ENGINE MODEL: 10-550-N (42) ENGINE S/N: 689135 REG. NO: N105EZ WORK ORDER: 8457-02-2007	 <b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101	DATE: 2/20/2007 A/C TSN: 221.2 ENG TT: 221.2 HOBBS: 221.2
<b>Engine Entries</b> (1) Inspected turbo system IAW Tornado Alley Maintenance Manual Scheduled Maintenance Checklist Report 215-10.		
I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.		
DATE: 2/20/2007	SIGNED: <u>[Signature]</u> Steve Wilhelm Certified Repair Station No. YD5R855Y	Work Order: 8457-02-2007 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: 10-550N ENGINE S/N: 689135 REG. NO: N105EZ WORK ORDER: 070337	 <b>Aero Structures, Inc.</b> Repair Station No. QRQR810L 4705 Frank Luke Drive Addison, Texas 75001 Phone: 972-267-2376	DATE: 4/5/2007 A/C TSN: 262 ENG TT: 262 HOBBS: 292.3
<b>Engine Entries</b> Installed new P/N: RHB32E, 12ea spark plugs... Changed oil and filter. Serviced with 7qts AeroShell 15W50. Installed a new ES48108 oil filter IAW TCM/Cirrus guidelines. Operation check OK. Took oil sample and sent to Aviation Oil Analysis. Performed a compression test: 1) 65/80; 2) 69/80; 3) 68/80; 4) 70/80; 5) 72/80; 6) 70/80. Master Orifice: 42. Inspected IAW Cirrus Demonstrator Care Program 200hr Inspection in combination with Tornado Alley Instructions and was determined to be in airworthy condition.		
Pertinent details are on file at this repair station under Work Order No. 070337.		
DATE: 4/5/2007	SIGNED: <u>[Signature]</u>	Work Order: 070337 Printed by EBis 3 (datcomedia.com)



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
5-22-07	335.3				REMOVED TAT TURBONORMALIZATION SYSTEM (Exp) INSTALLED NEW FUEL PUMP ASSY P/N 655921-3A1 S/N B07AA319, ALL FUEL INJECTORS (ORIG) NOTING CYLINDER POSITIONING, REPLACED MAGNETO'S w/ SERVICABLE UNITS P/N 10-500556-1, S/N D05EA305 17.3 HRS SINCE NEW, P/N 10-500556-1, S/N D05EA287 17.3 HRS SINCE NEW, SET AND VERIFIED TIMING @ 22° BTDC SERVICED ENGINE OILS ARCO SHELL 15-W50, INSTALLED NEW FILTER <del>47</del> , P/N CH48108, CLEANED AND GAPPED SPARK PLUGS, PERFORMED CYLINDER COMPRESSION TEST. 1) $\frac{70}{80}$ 2) $\frac{73}{80}$ 3) $\frac{72}{80}$ 4) $\frac{74}{80}$ 5) $\frac{68}{80}$ 6) $\frac{70}{80}$ MASTER ORIFACE) 47. PERFORMED FUEL CALIBRATION IAW TCM SPECS. Dennis W. Hester CDC (Exp. ENG) Robert Faye 475985758A#P
6-29-07	337.1				Completed Yearly condition insp. IAW FAR 43 Appendix D and CDC AMM 5-20. All ADs current through this date. I Certify that this Engine is found airworthy at this time. Robert Faye 475985758A#P
8-8-07	338.8				Completed 100 hr / Annual inspection in accordance with FAR 43 Appendix D and Cirrus Design manual section 5-20. All airworthiness directives review through bi-weekly 2007-16, all A.D.'s are in compliance at this time. I Certify that this Engine has been inspected and found airworthy at this time. Robert Faye 475985758A



# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Br Model IO550N  
 S/N # 689135  
 Reg. # N105EZ  
 Flt Hr 353.0

**Atlanta Turbine Management**  
 1951 Airport Rd, Suite 121  
 Atlanta, Georgia 30341  
 atlantaturbine.com

Date 12/18/07  
 Hobbs 388.0  
 TSN 388.0  
 Invoice 5503

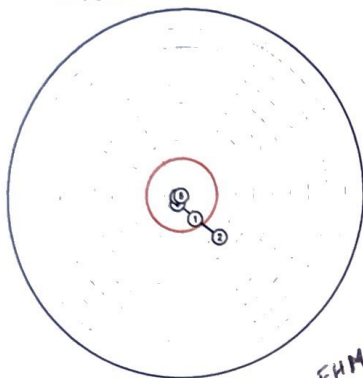
- ◆ Perform oil change & inspect filter. Service engine with 8 quarts Aeroshell 15w50 oil & installed new filter P/N CH48108-1.
- ◆ Ground runs accomplished and leak checked satisfactory.

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under invoice number.

*[Signature]* A&P3207292

## ENGINE/PROP DYNAMICALLY BALANCED

--- POLAR PLOT - 1.0 IN/S FS ---



### Operator Comments

Dressed propeller blade leading edges. Checked mag to engine timing, found left mag @ 22.8 degrees advanced and right mag @ 22.7 degrees advanced. Cleaned #4 lower spark plug of lead debris. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148 B dated Feb 07, 1992 and Chadwick Helmuth document AVV 9511-2 dated 12 June 1990 using DSS MicroVib II equipment and application note AN-MV2 Prop Rev. 00.1 July 2003. Initial IPS of .154 @ 2544 reduced to .007 IPS @ 2544 by removal of existing weights and installation of AN hardware balance weights on spinner rear bulkhead. 12.71 grams @ 75 degrees and 23.47 grams @ 315 degrees. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

N792PS Cirrus SR 22 GTS 1872 363.2 Hrs *FHM* Hobbs 397.7  
 Cont IO 550 N 42 689135  
 HP 2550 rpm  
 MicroVib II SN:1177 Cal:08/01/2007  
 Initial: 0.154 IN/S @ 2554.1 RPM Final: 0.007 IN/S @ 2544.4 RPM

Oper: *[Signature]*  
 Date: 01/09/2008 Jim Barker A&P 2755069

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 4820 07-March-2008 WO# 3357 REF# 3357 LOG STICKER AC TT 430.9 HOBBS 430.9 ✓  
 N792PS S/N 1872 CIRRUS SR22 TSNEW 430.9  
 FHM 396.0 Pg 1 / 1

ENGINE  
 \*DRAINED OIL; TOOK SAMPLE, KIT P/N X90100; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL (SUPPLIED BY CUSTOMER). LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #3357.

*Douglas Duncan* 3-7-08  
 DOUGLAS DUNCAN IA/A&P# 237089496 DATE



ord  
 tions,

ENGINE

\*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

Brou:

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER THE WORK ORDER LISTED ABOVE.

RKK 2640973 5/8/08  
 DOUG K BOWLING A&P# 2640973 DATE

6/25/08 Hobbs 504.5

Drained oil, took sample; removed, inspected and replaced oil filter PN CH48108-1; serviced w/ 6 quarts of Exxon Elite 20W50 plus 10 oz CamGuard. Leak Check - Good  
 Sherri Platt - owner PP 2769141

ENGINE MODEL IO-550N  
 ENGINE S/N 689135  
 REG NO N792PS  
 WORK ORDER  
 3708-07-2008



Lone Mountain Aviation, Inc.

Repair Station No L9OR473Y  
 2830 N Rancho Dr. Suite A  
 Las Vegas, NV 89130  
 Phone (702) 309-2200

DATE: 8/26/2008  
 A/C TSN 540 2  
 ENG TT 494 4  
 HOBBS ~~404~~  
 546.2

Engine Entries

I certify this engine has been inspected IAW a 100 hr inspection and was found to be in an airworthy condition.... Changed oil and filter Cut open filter and checked for metal. None found. Serviced with 7 qts of EXXON Elite 15W50 and 11 oz of camm protector. Engine run and leak check good.... Took oil sample.... Engine compression check, 1) 61/80, 2) 69/80, 3) 64/80, 4) 66/80, 5) 70/80, 6) 70/80... Complied with TCM Top Care Inspection Checklist... Re- torqued rocker box covers... Magneto's with 17.3 hrs from new were installed at 335.3 Hobbs time. Current TT on mags is 176.4. AD note due at 818 on flight hobbs.

The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 8/26/2008

SIGNED:

Jim Jakus  
 Certified Repair Station No L9OR473Y

Work Order: 3708-07-2008

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ENGINE

\*DRAINED OIL AND TOOK SAMPLE. REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1. SERVICED WITH 7 QTS EXXON ELITE 20W50. ALL IAW CIRRUS SR22 MM 12-10. OPS/LEAK CHECK: GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER THE WORK ORDER LISTED ABOVE.

RKK 2640973 10/7/2008  
 DOUG K BOWLING A&P# 2640973 DATE

11/1/09 Hobbs 613.1

Drained oil; took sample; removed & inspected & replaced oil filter P/N CH48108-1. Serviced w/ 6 qts of Exxon Elite 20W50 plus 10 oz CamGuard. Leak Check - Good  
 Sherri Platt - owner PP # 2769141



February 6<sup>th</sup>, 2009


N792PS Cirrus SR 22 S/N 1872  
Continental IO 550 N 42 S/N 689135

Hobbs 625.1 Hrs Flight 562.7 Hrs

Record  
Inspections

Brought

Removed six (6) TCM fuel nozzles P/N 652312 and installed General Aviation Modifications, Inc. GAMInjectors Kit No. TIG550-12E S/N 18766 STC No. SE9963SC PMA No. PQ821SW per GAMInjectors Installation Procedure No. IP-2001-01 (Revision None) Dated May 25, 2001. No change in weight or balance. See FAA form 337 dated February 06, 2009. Adjusted fuel flow per TCM SID 97-3E.  
THE AIRCRAFT, ENGINE, PROPELLER AND OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

  
JIM BARKER A&P 2755069  
Cell 715 491 1303  
www.aviationvibes.com

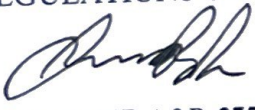
AVIATION RESOURCES, LLC  
101 Airport Ave Hangar 7  
Cumberland, WI 54829

February 15<sup>th</sup>, 2009

N792PS Cirrus SR 22 S/N 1872  
Continental IO 550 N 42 S/N 689135

Flight Hobbs  
Hobbs Maint 582.4 Hrs Flight 644.8 Hrs

Replaced MP sensor wire harness on engine with new harness. Cleaned connectors on oil pressure harness. Checked mag to engine timing and adjusted left from 1.35 degrees advanced and right from .55 degrees advanced (from 22 degrees BTDC) to each at .15 degrees advanced (from 22 degrees BTDC). Cleaned and gapped all spark plugs per Champion manual AV-6R, installed plugs and torqued to 30 ftlbs. Ground run performed and found satisfactory. Adjusted high fuel flow per TCM SID 97-3E.  
THE AIRCRAFT, ENGINE, PROPELLER AND OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

  
JIM BARKER A&P 2755069  
Cell 715 491 1303  
www.aviationvibes.com

AVIATION RESOURCES, LLC  
101 Airport Ave Hangar 7  
Cumberland, WI 54829

2/22/09	Hobbs	649.0	Drained oil, took sample, removed inspected and replaced oil filter P/N CH48108-1. Serviced with 7 quarts Exxon Elite 20W50 and 11 ounces of CAMGuard. Leak Check good Sherru Platt - owner - PPL 2769141



SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
LOG ID# 6767 24-February-2009 WO# 4399 REF# 4399 AC TT 587.8 HOBBS 650.2  
N792PS S/N 1872 CIRRUS SR22  
FHM 587.8 TSN 587.8 TSO 587.8

Pg 1 / 1

Brc

ENGINE

\*COMPLETED CYLINDER BORESCOPE INSPECTION IAW TCM SID 97-2E. NO DEFECTS NOTED.  
\*INSPECTED #4 CYLINDER FOR CRACKS IAW TCM MANUAL X30634A CH 19. NO DEFECTS NOTED.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER THE WORK ORDER LISTED ABOVE.

*DKW*  
DOUG K BOWLING IA/A&P# 2640973 DATE 2/24/09

5/8/09 681.2 Drained oil took sample removed, inspected and replaced oil filter P/N CH48108-1. Serviced with 7 qts Exxon Elite 20W50 and 11 oz of Camguard. Leak check good  
*Shurri Platt, owner - PPL 2769141*

May 18th, 2009

N792PS Cirrus SR 22 S/N 1872 Flight Hobbs 683.2 Hrs  
Continental IO 550 N 42 S/N 689135

Replaced Tachometer and Fuel flow wiring and connectors from each sensor to baffle bulkhead forward of the main battery. Wiring connected with soldier sleeves and covered with heat shrink tubing, continuity checked and clamped. Oil pressure wiring changed from sensor; wiring interface to aircraft harness connection "bulkhead" mounted on engine mount leg with cushion clamps. Wiring from legacy connector locations (A,B, C etc) located in pin/socket locations 1,2,3 etc. Wiring meets M27500-18RC3S06 spec and connectors MIL-DTC-38999. Operation check of Fuel Flow, Tachometer and Oil Pressure found satisfactory. THE AIRCRAFT, ENGINE, PROPELLER AND OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

*JIM BARKER*  
JIM BARKER A&P 2755069  
Cell 715 491 1303  
www.aviationvibes.com

AVIATION RESOURCES, LLC  
101 Airport Ave Hangar 7  
Cumberland, WI 54829

SATSAIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
LOG ID# 7635 04-September-2009 WO# 4867 REF# 4867 QF-14 AC TT 655.9 HOBBS 718.9  
N792PS S/N 1872 CIRRUS SR22  
FHM 655.9 TSN 655.9 TSO 655.9

Pg 1 / 1

ENGINE

\*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 9/4/09. NEXT ANNUAL INSPECTION DUE 9/30/2010.  
COMPRESSION: #1 - 66/80; #2 - 68/80; #3 - 70/80; #4 - 68/80; #5 - 74/80; #6 - 72/80.  
\*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS EXXON ELITE 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.  
\*COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3E. OPS/LEAK/FLIGHT TEST: GOOD. ALL IAW TCM MM X30634A.  
\*COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2B AND SB03-3. FLIGHT TEST GOOD.  
\*REMOVED ALL SPARK PLUGS AND INSTALLED NEW SPARK PLUGS, P/N RHB32E, IAW CIRRUS SR22 MM 74-20. OPS CHECK: GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*DKW*  
DOUG K BOWLING SATSAIR LLC CRS# J4PR714Y DATE 9/04/2009



SATS AIR MAINTENANCE CENTER 100 TOWER DRIVE #4 GREENVILLE, SC 29607  
 LOG ID# 7796 22-October-2009 WO# 4981 REF# 4981 QF-14 AC TT 681.1 HOBBS 750.6  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 681.1 TSN 750.6 TSO 750.6

Pg 1 / 1

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Bro

ENGINE  
 \*DRAINED OIL; TOOK OIL SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS EXXON ELITE 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*DK*  
 DOUG K BOWLING SATSAIR LLC CRS# J4PR714Y DATE 10/22/09

11/20/2009 798.3 Hobbs Drained engine oil; sent sample to Blackstone labs for analysis. Cut open oil filter and inspected for metal, none found. Installed new Champion CH48108 oil filter. Serviced sump w/ 7 qts of Exxon Elite 20W50 and 1pt of ASC Camquard. Ran up engine, leak check okay. Sherri Platt, Owner, PPL 2769141

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 7877 14-January-2010 WO# 5064 REF# 5064 AC TT 767.0 HOBBS 840.5  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 767.0 TSN 767.0 TSO 767.0

Pg 1 / 1

ENGINE  
 \*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS EXXON ELITE 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.  
 \*PERFORMED ENGINE COMPRESSION CHECK AND BORESCOPE INSPECTION. BORESCOPE FINDINGS: NORMAL.  
 COMPRESSION: #1 - 65/80; #2 - 68/80; #3 - 65/80; #4 - 68/80; #5 - 65/80; #6 - 70/80. (M.O. - 42/80)

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*David Duncan*  
 DOUGLAS DUNCAN A&P/IA 3384163 DATE 1-14-10

ACTT: 841.6  
 S/N: 1872

N792PS

Model SR-22  
 January 28, 2010

Removed both left and right magnetos and sent to Aircraft Magneto Service for 500hr inspection. Installed original magneto removed back onto engine, c/w timing of both magneto to 25 degrees before tdc. Ran engine and checked well. The aircraft, identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service with regards to the work performed.

Robin Air LLC A&P# 2289662 *Wayne M. Smith*

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 7923 31-March-2010 WO# 5095 REF# 5095 AC TT 808.6 HOBBS 882.1  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 808.6 TSN 808.6 TSO 808.6

Pg 1 / 1

ENGINE  
 \*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS EXXON ELITE 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HERBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*David G Jones*  
 DAVID G JONES A&P 3064197 DATE 3/31/10



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

Brought  
 Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607  
 Cirrus SR22 N792PS S/N 1872 Hobbs 900.0 April 20, 2010

ENGINE

REMOVED AND REPLACED FUEL FLOW SENSOR P/N 15415-001. WORK PERFORMED IAW CIRRUS SR22 M/M 73-30. GROUND CHECK GOOD. ADJUSTED MIXTURE AND IDLE SETTINGS IAW SID 97-3E.

*DKB*  
 \_\_\_\_\_ 4/20/2010  
 DOUGLAS K. BOWLING IA# 2640973 DATE

Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607  
 Cirrus SR22 N792PS S/N 1872 Hobbs 919.2 MAY 26, 2010

ENGINE

REMOVED AND REPLACED FAULTY DATA ACQUISITION UNIT P/N 200-00073-000. S/N OFF 0558. S/N ON 0902. WORK PERFORMED IAW CIRRUS SR22 77-10. REMOVED AND REPLACED GPS723 #2 MODULE P/N 710-00177-000. S/N OFF M092760833 S/N ON M092760922. WORK PERFORMED IAW AVIADYNE IFD M/M 600-00234-004 SECTION 8.8. OPERATIONAL CHECKOUT OF BOTH UNITS GOOD.

*DKB*  
 \_\_\_\_\_ 5/26/2010  
 DOUGLAS K. BOWLING IA# 2640973 DATE

N792PS

Date: June 11 /2010

*flight time*

Tach 927.0 ← Hobbs 832.6

Serviced with 8 quarts of Exxon Elite, Cam Guard and a CH48108-1 oil filter, performed leak check and returned to service.

Edward Hitt AP2779168IA

*AP2779168*



Record  
Inspections,

Greenville Jet Center 12 Ramseur Court Greenville, South Carolina 29607  
CDC SR22 N792PS S/N 1872 Hobbs 982.0 Flyt 908.5 October 8, 2010

ENGINE TCM 10-550-N S/N 689135 TSN 908.5  
COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00.  
AIRWORTHINESS DIRECTIVES (AD) AND SERVICE BULLETINS (SB) RESEARCHED THROUGH REVISION 2010-20  
AND FOUND COMPLIED WITH PER FAA, AND MANUFACTURERS INSTRUCTIONS.

Bro

NEXT ANNUAL INSPECTION DUE BY: October 31, 2011

COMPRESSIONS: #1 64/80 #2 68/80 #3 64/80 #4 70/80 #5 62/80 #6 72/80  
DRAINED OIL, SAMPLE TAKEN, FILTER REMOVED AND INSPECTED, REPLACED FILTER P/N CH48108-1 AND  
SERVICED WITH 7 QTS OF EXXON ELITE. COMPLIED WITH TCM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS  
AND SID 97-2, SB03-3, AND SID 97-3. REMOVED, CLEANED, INSPECTED, AND REINSTALLED GASCOLATOR IAW  
SR22 MM 28-20. REMOVED AND REPLACED INDUCTION AIR FILTER AND FILTER COVER PLATE IAW CIRRUS MM  
71-60, P/N BA24.

I certify that this aircraft has been inspected in accordance with CIRRUS SR22 annual inspection and was determined to  
be in airworthy condition.

*BKL*  
DOUGLAS K. BOWLING A&P 2640973 IA 10/8/2010 DATE

2/18/2011	Drained engine oil. Sent sample to Blackstone Labs for analysis. Installed new Champion CH48108 oil filter. Added 8 qts Exxon Elite 20W-50 + 1 qt. Camguard. Ran engine. No leaks. Fault 5. Pilot owner 421765275 PPL
6/5/2011	Drained engine oil. Sent sample to Blackstone Labs. Installed new Champion CH48108 oil filter. Added 7 qts. Exxon Elite 20W-50 + Camguard. Ran engine. No leaks. Fault 5. Pilot owner 421765275 PPL

**DLK** 2601 Cessna Lane Kennesaw, GA 30144 770-427-4954  
 LOG ID# 13737 20-October-2011 WO# 11374  
 N792PS S/N 1872 CIRRUS SR22  
 HOBBS 1035.8  
**AVIATION, INC.** TTENG 1035.8

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\*\*\* ENGINE LOG ENTRY \*\*\*

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED THE FOLLOWING: LEFT MUFFLER WITH REPAIRED UNIT BY PLANEXHAUST CORP WO#12804 DATED 08-11-2011 P/N 14836-001 S/N 12804, RIGHT MUFFLER WITH REPAIRED UNIT BY PLANEXHAUST CORP WO#13251, LEFT EXHAUST CLUSTER BOLT AN4C-32, FUEL SERVO ASSEMBLY SUPPORT BUMPER GROMMET P/N 646414 AND ENGINE INLET FILTER. STOP DRILLED CRACKS IN BAFFLE AFT OF PROPELLER AND ADDED SUPPORT WASHERS. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH EXXON ELITE OIL. ADDED CAMGUARD. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. CHECKED TIMING OF MAGNETOS - MAGNETOS CHECKED AT 22 DEGREES. PERFORMED COMPRESSION CHECK: #1 70/80 #2 70/80 #3 68/80 #4 70/80 #5 65/80 #6 72/80 - (ORIFICE READING 45 PSI). SET FUEL PRESSURES IN ACCORDANCE WITH SID 97-3E. 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#11374 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

*Donal L Kendall*  
Signed DK7R795J FOR DLK AVIATION, INC.



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

Engine Form 007

MODEL: SR22  
S/N: 1872  
REG. No: N792PS

 <b>CFM</b> <small>CORPORATE FLIGHT MANAGEMENT</small>	276 Doug Warpoole Road Smyrna, TN 37167 615.534.4600
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DATE: 5/8/2012  
HOBBS: 1146.2  
TACH: 1072.8

**Engine**

**Maintenance:**

- Adjusted oil pressure to within limits IAW AMM TCM MM.
- Removed all spark plugs to inspect for fouling. None found at this time. Check resistance of all plugs with none noted at this time. Cleaned and gapped all plugs and reinstalled IAW AMM TCM MM.
- Complied with oil change IAW AMM 12-00 and SAVVY instructions. Cut open filter to inspect for metal with none noted at this time. Serviced engine with 7 quarts of Exxon Elite 20W50 and new oil filter P/N AA48108-2.

The engine identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No 21373.

Signed:   
 For: **Corporate Flight Management, Inc.** Certified Repair Station **FJTR920D** Form CFM 007

MODEL: SR22  
S/N: 1872  
REG. No: N792PS

 <b>CFM</b> <small>CORPORATE FLIGHT MANAGEMENT</small>	276 Doug Warpoole Road Smyrna, TN 37167 615.534.4600
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DATE: 6/29/2012  
HOBBS: 1159.7  
TACH: 1086.3

**Engine**

**Maintenance:**

- Removed alternator #1 P/N 646843 S/N 0031A034 and replaced with overhauled P/N 646843 S/N 005LA039 IAW AMM 24-00. Ops check good.
- Removed and replaced oil pressure sensor with new P/N 12635-002 IAW TCM OHM. Ops check good.

The engine identified above was inspected and repaired in accordance with the current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No 21672.

Signed:   
 For: **Corporate Flight Management, Inc.** Certified Repair Station **FJTR920D** Form CFM 007

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607 LOG ID# 8861 16-November-2012 WO# 5661 REF# 5661 AC TT 1116.6 HOBBS 1190.1 N792PS S/N 1872 CIRRUS SR22 FHM 1116.6 TSN 1116.6 TSO 1116.6	Pg 1 / 2
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**ENGINE**

- \*\*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 11/15/12. NEXT ANNUAL INSPECTION DUE NOV 2013.
- \*COMPRESSION: #1-72/80; #2-60/80; #3-60/80; #4-72/80; #5-71/80; #6-70/80. (M/O: 44/80)
- \*COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
- \*C/W AD 2009-16-03, CYLINDER HEAD SEPARATION, BY INSPECTION OF ENGINE RECORDS/CYLINDERS. AD FOUND N/A PER SAP CYLINDERS NOT INSTALLED.
- \*AD 2012-03-06C, FUEL SERVO REPLACEMENT, N/A PER AVSTART FUEL SYSTEM NOT INSTALLED. NO FURTHER ACTION REQUIRED.
- \*REPLACED INDUCTION AIR FILTER, P/N BA-24, IAW CIRRUS SR22 MM 71-60. NEXT REPLACEMENT DUE AT 1316.6 FHM OR NOV 2013.
- \*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2; SERVICED WITH 7 QTS PHILLIPS X/C 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
- \*REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.
- \*CLEANED ENGINE GROUND RAN ENGINE NO LEAKS BY #3 CYLINDER

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607 LOG ID# 8861 16-November-2012 WO# 5661 REF# 5661 AC TT 1116.6 HOBBS 1190.1 N792PS S/N 1872 CIRRUS SR22 FHM 1116.6 TSN 1116.6 TSO 1116.6	Pg 2 / 2
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 11-16-12  
 DOUGLAS DUNCAN A&P/IA 3384163 DATE



DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 8882 13-December-2012 WO# 5690 REF# 5690 AC TT 1124.2 HOBBS 1197.6  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 1124.2 TSN 1124.2 TSO 1124.2

Pg 1/1

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ENGINE  
 \*ADJUSTED ENGINE IDLE IAW WITH FUEL SYSTEM SETUP PER SID 97-3E. OPS/LEAK: GOOD.

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THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*Douglas Duncan* 12-13-12  
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

*Oil changed 6/9/2013, Sample sent to Blackstone  
 Hobbs = 1234.8 Paul Platt PPL 421765275*

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607  
 LOG ID# 9286 12-November-2013 WO# 5901 REF# 5901 AC TT 1184.9 HOBBS 1259.3  
 N792PS S/N 1872 CIRRUS SR22  
 FHM 1184.9 TSN 1184.9 TSO 1184.9

Pg 1/1

ENGINE  
 \*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 10-25-13. NEXT ANNUAL INSPECTION DUE 11/2014.  
 \*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2; SERVICED WITH 7 QTS EXXON ELITE 20W50 OIL 1 PINT CAMGUARD CUSTOMER PROVIDED. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.  
 \*REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.  
 \*COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.  
 \*COMPRESSION: #1-62/80; #2-64/80; #3-49/80; #4-72/80; #5-65/80; #6-70/80. (M/O: 43/80)\*  
 \*COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3F. OPS/LEAK: GOOD.  
 \*REMOVED PROP FOR PROP SHAFT SEAL REPLACEMENT  
 REMOVED & REPLACED ENGINE NOSE CRANK SEAL (PROP SHAFT) IAW TCM M-16 NO LEAKS NOTED ON POST GROUND RUNS.  
 INSTALLED PROP AFTER PROP SHAFT SEAL REPLACEMENT IAW CMM 61-10  
 \*VERIFIED MAG TIMING AND IMPULSE HAS MINOR SPLIT.

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  
 THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

*Douglas Duncan* 11-12-13  
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

ACTT: 841.6  
 S/N: 1872

N792PS

Model SR-22  
 January 20, 2014

Removed number one alternator field module part number 29435-002 and replaced with new, alternator number one tested normal. Adjusted mixture control, aircraft had a 300 rpm rise during idle mixture cut off test. Adjusted mixture control to have a 50 rpm rise during idle mixture cut off test. Checked low and high fuel pressures, found to be 8 psi low idle and high to be 28 psi, no adjustments made to engine fuel pump. Ran engine and checked well.

The aircraft, identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service with regards to the work performed.

Robin Air LLC IA# 2289662 *Wayne Smith*



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

Brought F

Date: 12/17/2014	Cirrus SR22
FLT: 1238.8	N#: N792PS
TSO: 1238.8	TCM: IO550N42
	SN: 689135

**Horizon Avionics, Inc.**  
2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

ENGINE LOG ENTRY

CW 100Hr Insp with reference to SR22 AMM 05-20. 1.)61 2.)62 3.)45 4.)65 5.)70 6.)61 all over 80 PSI. M/O 41/80. Drained oil and cut open filter, no metal noted. C/W oil Sample. Installed new CH48108-1 torque and safety. Serviced 7 qts Exxon Elite 20W50 & 1 pint camguard. Clean gap & rotate spark plugs. Mag timing & inig leads Ck good. C/W fuel system setup IAW SID 97-3F. Grnd run Engine ops & leak ck good.

MAINTENANCE RELEASE

I certify that this Engine has been inspected IAW a 100Hr Insp & is Approved For Return To Service. Pertinent Details Are On File Under Work Order No. M3471.

Signed: [Signature] Cert. No: 3206254 Date: 12/17/14  
For Horizon Avionics, Inc.

Date: 1/19/15	Cirrus SR22
Hobbs: 1321.9	Reg. No: N792PS
Flt: 1243.9	S/N: 1872

**Horizon Avionics, Inc.**  
2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

LOG ENTRY

CW TCM SID 97-3 adjusted unmetred fuel pressure to proper specs. Lk and Ops ck good.

MAINTENANCE RELEASE

The Airframe 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. Pertinent Details Of This Repair Are On File Under Work Order No. M3536.

Signed: [Signature] Cert. No: AP2602544 Date: 1/19/15  
For Horizon Avionics, Inc.

*6/28/15 Installed new ALT battery & Bill serial # GP2861168 Paul F. Platt owner PPL# 421765275*

<b>ACTT: 1261.7</b>	<b>N792PS</b>	<b>Model SR-22</b>
<b>S/N: 1872</b>		<b>May 20, 2015</b>

Removed number two alternator field module part number 29434-002 and replaced with new, alternator number two tested well. Adjusted engine driven pump high pressure to 28psi and low pressure to 9psi all adjustments made IAW Continental engine manual. Ran engine and checked well. Installed new strobe power supply in left wing tip part number 01-0770062-05, serial number 12704 tested and checked well.

The aircraft, identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service with regards to the work performed.

**Robin Air LLC IA# 2289662** [Signature]



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954  
 LOG ID# 17321 21-December-2015 WO# 15551  
 N792PS S/N 1872 CIRRUS SR22  
 HOBBS 1277.0  
 TTENG 1277.0

\*\*\* ENGINE LOG ENTRY \*\*\*

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED THE FOLLOWING: ENGINE INLET FILTER, HEAT EXCHANGER SCAT HOSE P/N 2.5, ALL SPARK PLUGS P/N URHB32E, REIFF ENGINE HEATER PLUG. RETORQUED ALL ROCKER BOX COVER SCREWS. RETORQUED ALTERNATE AIR DOOR BOLT AND COTTERKEYED. RETORQUED PROP CONTROL ROD END BOLT AND SAFETIED. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH EXXON ELITE 20W-50W-XC OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. CHECKED TIMING OF MAGNETOS - MAGNETOS CHECKED AT 22 DEGREES. PERFORMED COMPRESSION CHECK: #1 64/80 #2 68/80 #3 50/80 #4 68/80 #5 68/80 #6 70/80. 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#15551 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

*Donald L. Handell*  
 Signed DK7R795J FOR DLK AVIATION, INC.



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954  
 LOG ID# 18497 23-January-2017 WO# 16668  
 N792PS S/N 1872 CIRRUS SR22  
 HOBBS 1329.5  
 TTENG 1329.5

\*\*\* ENGINE LOG ENTRY \*\*\*

SEE AIRCRAFT LOG FOR AD COMPLIED WITH DURING THIS ANNUAL. INSPECTED AND OPS CHECKED ENGINE PRE-HEAT SYSTEMS - OPS CHECK OK. TIGHTENED #2 & #4 ROCKER COVERS. REPOSITIONED ALTERNATE AIR CABLE TO PREVENT CHAFING. TIGHTENED OIL FILLER NECK. INSTALLED OIL COOLER GAP SEAL. REPLACED EXHAUST GASKETS ON #2, #4 & #6 CYLINDERS. INSTALLED NEW #3 CYLINDER INTAKE VALVE. DRAINED OIL. CHECKED AND REPLACED OIL FILTER-NO METAL NOTED. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 50W100 OIL & AA48108 FILTER. WASHED ENGINE, RAN ENGINE-ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CHECKED TIMING OF MAGNETOS - MAGNETOS CHECKED AT 22 DEGREES. REPLACED ENGINE INLET FILTER P/N BA-24. PERFORMED COMPRESSION CHECK: #1 62/80 #2 64/80 #3 66/80 #4 66/80 #5 62/80 #6 72/80. MASTER ORIFICE 42/80. 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#16668 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

*[Signature]*  
 Signed DK7R795J FOR DLK AVIATION, INC.



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954  
 LOG ID# 18701 04-April-2017 WO# 17150  
 N792PS S/N 1872 CIRRUS SR22  
 HOBBS 1366.0

\*\*\* ENGINE LOG ENTRY \*\*\*

REPLACED #5 CHT PROBE P/N 16578-001. TIGHTENED NLG FAIRING BRACKETS. ADJUSTED ENGINE MIXTURE TO 50 RPM RISE. SET FUEL PRESSURES IN ACCORDANCE WITH CMI MAINTENANCE MANUAL.

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#17150 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

*[Signature]*  
 Signed DK7R795J FOR DLK AVIATION, INC.



Date

Brought For



AVIATION REPAIR  
ST. SIMONS ISLAND, GA

11 SE APRON DRIVE  
ST. SIMONS ISLAND,  
GEORGIA 31522  
912-638-8667

DATE: 04/27/2017

N: 792PS

LOG: AIRFRAME

MAKE: CIRRUS

MODEL: SR22

S/N 1872

TACH:

HOBBS: 1449.6

COMP. TIME:

REMOVED/REPLACED BOOST FUEL PUMP (P/N: 5217-00-3; S/N: 3736) WITH (P/N: 5217-00-3; S/N: 4179). OPS AND LEAK CHECK COMPLETE.

*END*

*[Signature]*  
KIRK A. RAMSEY  
A&P 3543915 IA



2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954  
LOG ID# 19570 15-February-2018 WO# 18008  
N792PS S/N 1872 CIRRUS SR22  
HOBBS 1470.9  
TTENG 1470.9

\*\*\* ENGINE LOG ENTRY \*\*\*

ANNUAL INSPECTION COMPLETED. THE FOLLOWING AD'S WERE COMPLIED WITH DURING THIS ANNUAL: NO AD'S DUE THIS ANNUAL. REPLACED CRANKSHAFT SEAL P/N 641250. INSTALLED REPAIRED AND INSPECTED MAGNETOS P/N BL-500556-1 S/N D15KA147R & D15KA085R. MAGNETS REPAIRED AND INSPECTED BY MAXWELL'S MAGNETOS. NEXT 500-HOUR INSPECTION DUE 1970.9 HOURS FLIGHT METER. RETORQUED CAM COVER. REPLACE INDUCTION PLENUM BUMPERS AND RUBBER MOUNTS. REPLACED ALTERNATE AIR SCAT HOSE. REPOSITIONED ALT AIR CABLE TO FOR CHAFING. REPLACED ALTERNATE AIR FLAPPER. INSTALLED NEW #5 EGT PROBE P/N 16579-002. DRAINED OIL. CHECKED AND REPLACED OIL FILTER-NO METAL NOTED. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL50W100 OIL, FILTER P/N AA48109 AND CAMGUARD. WASHED ENGINE, RAN ENGINE-ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CHECKED TIMING OF MAGNETOS. REPLACED ENGINE INLET FILTER P/N BA-24, PERFORMED COMPRESSION CHECK: #1 60/80 #2 60/80 #3 67/80 #4 58/80 #5 58/80 #6 72/80 MASTER ORIFICE-46. 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#18008 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

*[Signature]*  
Signed DK7R795J FOR DLK AVIATION, INC.

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actions,

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Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					June 12, 2018 Oil change @ 1595.2 added 7th new filter & Camguard Jason Hayes & Paul Platt C/PLT 6-12-18

**DLK** 2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954 Pg 1/1  
 LOG ID# 20660 08-March-2019 WO# 19084  
 N792PS S/N 1872 CIRRUS SR22  
 HOBBS 1627.3 TACH 1545.9  
 AVIATION, INC. TTENG 1545.9

\*\*\* ENGINE LOG ENTRY \*\*\*

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. NO AD'S DUE THIS INSPECTION. RESEATED #2 & #4 PUSH ROD TUBES. REPLACE STARTER HARNESS BOOT. INSTALLED OVERHAULED MUFFLER P/N 14837-001. MUFFLER OVERHAULED BY PLANEXHAUST CRS# Q6SR742J ON WO# 29491 DATED 19/APR/2017. INSTALLED REPAIRED MUFFLER P/N 14836-001. MUFFLER REPAIRED BY PLANEXHAUST CRS# Q6SR742J ON WO# 22781 DATED 25/MAR/2015. DRAINED OIL. CHECKED AND REPLACED OIL FILTER-NO METAL NOTED. ADDED CAMGUARD. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH EXXON ELITE OIL. WASHED ENGINE, RAN ENGINE-ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CHECKED TIMING OF MAGNETOS. REPLACED ENGINE INLET FILTER. PERFORMED COMPRESSION CHECK: #1 66/80 #2 74/80 #3 74/80 #4 60/80 #5 56/80 #6 74/80. MASTER ORIFICE-42. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURES MAINTENANCE MANUAL AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. 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#19084 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed [Signature] FOR DLK AVIATION  
 DK7R795J


REG. #: N792PS	DATE: 05-13-2020
TACH: 1593.9	HOBBS: 1675.3
TT: TTSN 1593.9	
<p><b>ENGINE</b>          Performed an ANNUAL inspection per Gwinnett Aero Maintenance LLC inspection form. Changed engine oil and filter. Took oil sample for analysis. Installed a new AA48109 filter and serviced engine with 8 qts of Exxon Elite 20W-50 oil. Cut open filter and inspected for contaminants, no faults noted. Compression check 1)70 2) 60 3)75 4)64 5)69 6)68/ 80 psi. Cylinders No.1 and No.5 had initial compressions of 1)50 , 5)40 leaking from exhaust. Performed boroscope inspection finding only carbon on exhaust valve seats. Performed on wing valve lapping procedure, Replaced inner and outer valve springs with new pn# 654442 &amp; 654441. Ground ran engine and second compressions are 1)70 , 5)69. Follow up compression check should be done in 5-7 hrs of operation. Replaced crankshaft seal with new pn# 641250 IAW chapter 10-10 CMI manual M-O. R/R air oil separator gasket with new pn# W-2003. Cleaned, inspected, gapped and rotated spark plugs. Checked and lubricated engine control cables. No AD's apply at this time. See AD compliance report with permanent aircraft records. Operational ground run and leak check, OK. "I certify this ENGINE has been inspected IAW an ANNUAL inspection and found to be in AIRWORTHY condition." ****END****</p>	
<p>Mechanic <u>[Signature]</u> AP 289083 JA          850 Airport Rd, Box 7          Lawrenceville Ga 30045          770-962-9092</p>	



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

REG. #: N792PS	DATE: 5-19-2020
TACH: 1607.9	HOBBS: 1689.6
	TT: 1607.9

**ENGINE**  
Cylinders and EGT Probe. Conducted a ground run up. Took compressions from cylinders #1 (64/80) and #5 (74/80). Compressions within tolerance. Conducted borescope of exhaust valves for cylinders #1 and #5. No faults found. EGT Probe for cylinder #1 was not providing readings at the MFD. Removed PN: 15679-001 and installed PN: 15679-002. Conduct ground run to verify EGT readings at the MFD. OPs ok.

 Mechanic Robin E. Rivera  
AIP 4102580


Date: 9/11/2020; Aircraft: N792PS; Tach: 1667.00; Engine - Type: Cont IO-550N, S/N: 689135  
Drained engine oil and removed filter. Collected Blackstone oil sample. Inspected filter for contamination, none noted at this time. Installed new AA48109 oil filter and serviced engine with 8 qts. Aeroshell 15W50 engine oil. Added 12.6 oz Camgard. Ground run and leak checked OK.

This aircraft was inspected in accordance with current FAA regulations and is approved for return to service with respect to the work performed. All other work performed is on file at this repair station under SO-12240.

Signed B. A. C. Date: 9/11/2020  
Rocky Mountain Aircraft Services  
FAA Repair Station #7RKR476D  
Kalispell, MT 59901

REG. #: N792PS	DATE: 07-02-2021
TACH: 1719.4	HOBBS: 1803.0
	TT: TTSN 1719.4

**ENGINE**  
Performed an ANNUAL inspection per Gwinnett Aero Maintenance LLC inspection form. Changed engine oil and filter. Installed a new AA48109 filter and serviced engine with 7 qts of Phillips 20W-50 oil. Cut open filter and inspected for contaminants, no faults noted. Compression check 1)68 2)59 3)60 4)60 5)66 6)66/ 80 psi. Master orifice 46/80. Removed valve springs on Cyl. No. 2 and 4. Exhaust. Lapped valves with compound in place. Replaced inner and outer springs also roto coil with new parts, 654442, 654441, 652112. Reassemble and checks OK. Removed Iskra starter and installed new HET starter pn# PL13484 sn# H-V052147. Cleaned, inspected, gapped and rotated spark plugs. Checked and lubricated engine control cables. No AD's apply at this time. See AD compliance report with permanent aircraft records. Operational ground run and leak check, OK. "I certify this ENGINE has been inspected IAW an ANNUAL inspection and found to be in AIRWORTHY condition." \*\*\*\*\*END\*\*\*\*\*

 Mechanic David A. NP 269053 JJA  
850 Airport Rd, Box 7  
Lawrenceville Ga 30045  
770-962-9092



AIRCRAFT REG: N792PS  
MFG: TCM  
MODEL: IO-550-N  
SERIAL: 689135  
HOUR METER: 1832.4

DATE: 11-Jul-2022  
WORK PACKAGE: P8343  
TACH TIME: 1745.8  
TOTAL TIME: 1745.8  
TSMOH: N/A

Bro

AD 2020-16-11, To Prevent Failure of the Engine, dated 21-Sep-2020, does NOT AFFECT this engine per para (c) of this AD. Original Cylinders P/N 655932 installed. No further action required.

AD 2014-05-29, SAP Cylinders, dated 25-Apr-2014, does NOT AFFECT this aircraft per para (c) of this AD. Original OEM Cylinders P/N: 655932 installed. No further action required.

AD 2012-10-13, Starter Adapter, dated 08-Jun-2012, does NOT AFFECT this engine per para (c) of this AD. Engine is not Turbo-normalized under STC# SE10589SC. No further action required.

AD 2020-19-06, To Prevent Failure of the Idler Gear Bearing, dated 03-Nov-2020, does NOT AFFECT the installed Governor per para (c) of this AD. McCauley Governor P/N: C290 D3 R/T 23; S/N: 060462, was installed at engine manufacture (16-Feb-2006) and has not been removed for the purposes of maintenance described in McCauley ASB273C. No further action is required.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. **P8343**.

Signed: *Nathaniel Bishop* NATHANIEL BISHOP  
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

1 / 1  
Page 2 of 2  
NJB



AIRCRAFT REG: N792PS  
MFG: TCM  
MODEL: IO-550-N  
SERIAL: 689135  
HOUR METER: 1832.4

DATE: 11-Jul-2022  
WORK PACKAGE: P8343  
TACH TIME: 1745.8  
TOTAL TIME: 1745.8  
TSMOH: N/A

Performed customer approved engine inspection. Warmed engine to operating temperature, drained oil a removed oil filter. Cut open oil filter for inspection. No discrepancies noted. Installed new oil filter p/n AA48109 and serviced engine with 7 quarts of 20W/50 XC. Compression test results as follows: CYL 1: 70/80 CYL 2: 56/80 CYL 3: 60/80 CYL 4: 64/80 CYL 5: 65/80 CYL 6: 57/80. Removed, cleaned, gapped, rotated, and reinstalled spark plugs with new gaskets.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. **P8343**

Signed: *Daniel Beauchamp* DANIEL BEAUCHAMP  
for Epps Air Service, Inc., 1 Aviation Way, Atlanta, GA 30341



Record  
al Inspections,

Date

REG. #: N792PS

DATE: 9/21/2022

TACH: 1749.5

HOBBS: 1836.2

TT: TTSN 1749.5

Brought Forward

ENGINE:

Performed an ANNUAL inspection per Gwinnett Aero Maintenance LLC inspection form. Changed engine oil and filter. Took sample for oil analysis. Installed a new AA48109 filter and serviced engine with 8 qts of Phillips 20W-50 oil. Cut open filter and inspected for contaminants, no faults noted. Compression check 1)65 2)69 3) 72 4)66 5)74 6)64. Cleaned, inspected, gapped and rotated spark plugs. Checked and lubricated engine control cables. Leak checked exhaust shroud. Replaced induction air filter with new BA-24 filter. No ADs due on engine at this time, see AD compliance report with permanent aircraft records. Operational ground run and leak check, OK. "I certify this ENGINE has been inspected IAW an ANNUAL inspection and found to be in AIRWORTHY condition." \*\*\*\*END\*\*\*\*

**Gwinnett Aero**  
MAINTENANCE LLC

Mechanic

*[Signature]*  
850 Airport Rd, Box 7  
Lawrenceville Ga 30045  
770-962-9092

REG. #: N792PS

DATE: 10/23/2023

TACH: 1753.4

HOBBS: 1840.1

TT: TTSN 1753.4

ENGINE

Performed an ANNUAL inspection per Gwinnett Aero Maintenance LLC inspection form. Changed engine oil and filter. Installed a new AA48109 oil filter and serviced engine with 8 qts of Phillips XC 20W-50 oil. Cut open filter and inspected for contaminants, no faults noted. Compression check 1)66 2)75 3)64 4)73 5)65 6)65/ 80 psi. Cleaned, inspected, gapped and rotated spark plugs. Checked and lubricated engine control cables. Inspected exhaust. No AD's apply at this time. See AD compliance report with permanent aircraft records. Operational ground run and leak check, OK. "I certify this ENGINE has been inspected IAW an ANNUAL inspection and found to be in AIRWORTHY condition." \*\*\*\*END\*\*\*\*

**Gwinnett Aero**  
MAINTENANCE LLC

Mechanic

*[Signature]*  
850 Airport Rd, Box 7  
Lawrenceville Ga 30045  
770-962-9092

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