

AIRFRAME LOGS

Aircraft Log

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TC # A00009CH

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22 DATE OF MFG. SEPT. 07

NUMBER 2683 REGISTRATION NUMBER N518BP

Inspection Status

(Check one)

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL MOTORS	IO-550N	R 691339
ENGINE			L
PROPELLER	HARTZELL PROPELLER INC.	PAC-1314-1N	R FP601713
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
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PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

8/16/07

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES
HAVE BEEN INSTALLED ON THIS AIRCRAFT

SA10588SC

SE10589SC

SA01708SE



CDC _____ on 8/16/07.

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.

I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been performed and found within the limits of FAR 43 appendices E & F and AC 43-6B.

TESTED TO 25,000 FEET ON 08/23/07

Transponder: Mfg Garmin P/N 13587-050


Model: GTX-327 S/N 83729892

Encoder: Model ACK P/N A-30 S/N 107632

Altimeter: Mfg Avidyne

(PFD) 15222-007 S/N 20010297


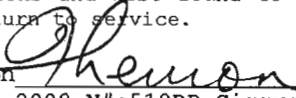
Mfg United P/N 12731-003 S/N 462642

CDC Quality Assurance  on 08/23/07

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE --- CERT. NO.
						
		<p>For GNS 430W S/Ns 23402653 & 23402525: Complied with MANDATORY Service Bulletin SB 0740B by performing SB: 0808& 0818 (Main SW @ V3.11 & GPS SW @ V3.1). Also performed MANDATORY Service bulletin SB 0820 for both Terrain/Obstacle data base cards. SW level now @ 08t2.</p> <p>For GTX 327 S/N 83729892: Loaded current SW V2.11 per Service Bulletin SB 0809. Downloaded latest SW V.3.60 to GPS MAP 496. Provided new AFMS P/N 190-00356-03 for GNS 430Ws. All systems checks are nominal.-----END-----</p>				
		<p>The components identified above were modified IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.</p>				
		<p>Signed: F. Lemon </p>				
		<p>Dated: Oct. 03, 2008 N#:518BP Cirrus SR22 S/N 2683 Flight: 304.0 TTSN: 304.0 HOBBS: 378.1 For more info see w/o 33803 FAA Repair Station Certification # WQ3R954L</p>				
		<p>101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580</p>				

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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Date **3/29/2010**

W/O# **10703**



Airframe (Avionics) Logbook Entry AIRCRAFT: **N 518BP**

CRS AWKR298C

S/N **2683**

25170 Aviation Ave., Davis, CA 95616

Tach/
Hobbs 645.0
FLIGHT 556.0

INSTALLED ROLL TRIM MOTOR ASSEMBLY P/N 12546-003S S/N 462 AFTER OVERHAUL BY "CIRRUS DESIGN FACTORY SERVICE CENTER" CRS YD5R855Y PER WO# 668-03-2010, GROUND FUNCTION TEST NORMAL

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Daniel S. Barton

Date **3/17/2011**

W/O# **11290**



Airframe (Avionics) Logbook Entry AIRCRAFT: **N 518BP**

CRS AWKR298C

S/N **2683**

25170 Aviation Ave., Davis, CA 95616

Tach/
Hobbs 855.5
FLIGHT

REMOVED AVIDYNE EXP5000 PFD P/N 700-00006-000, S/N 20090346 AND INSTALLED WARRANTY REPLACEMENT PFD P/N 700-00006-000, S/N 22396026 AFTER BEING MODIFIED BY AVIDYNE CORPORATION, CRS# 1VAR161B UNDER W/O 9012864 DATED 2/23/2011. REPLACED SYSTEM COMPACT FLASH CARD PART NUMBER 850-00013-381. UPDATED AVIDYNE EX5000 MFD SOFTWARE TO VERSION 8.1. GROUND CHECK GOOD.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Douglas E. Barton

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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Date **4/5/2012**



Airframe (Avionics) Logbook Entry AIRCRAFT: N 518BP

W/O# **12071**

CRS AWKR298C

S/N **2683**

25170 Aviation Ave., Davis, CA 95616

Tach/
Hobbs 1078.1
FLIGHT 988.3

REMOVED GARMIN LOANER GNS 430W P/N 011-01060-00, S/N 23401829 AND REINSTALLED CUSTOMERS ORIGINAL GARMIN GNS 430W P/N 011-01060-00, S/N 23402653 AFTER BEING REPAIRED BY GARMIN INTERNATIONAL, CRS# G6XR582Y UNDER RMA 40250202 DATED 3/28/2012. CONFIGURED UNIT FOR CUSTOMERS AIRCRAFT AND PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Douglas E. Barton

Date **5/21/2012**



Airframe (Avionics) Logbook Entry AIRCRAFT: N 518BP

W/O# **12136**

CRS AWKR298C

S/N **2683**

25170 Aviation Ave., Davis, CA 95616

Tach/
Hobbs 1098.2
FLIGHT 1008.5

REMOVED #2 GARMIN GNS 430W P/N 011-01060-00, S/N 23402653 AND INSTALLED GARMIN WARRANTY REPLACEMENT GNS 430W P/N 011-01060-00, S/N 23405724 AFTER BEING OVERHAULED BY GARMIN INTERNATIONAL, CRS# G6XR582Y UNDER SO# 1965963 DATED 3/20/2012. CONFIGURED UNIT FOR CUSTOMERS AIRCRAFT AND PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Douglas E. Barton

RADIO & ELECTRONIC CHECKS

DATE


PENINSULA
AVIONICS

Upgraded both GNS430W Main & GPS SW
from 3.30 & 3.2 version to 5.00 & 5.0 level
accordingly IAW Garmin SB 1225, Rev A
dated 10/16/2012. This is a minor mod.

Reg_N518BP 12/19/2012 Tach_1197.6 *AV*
FAA V9JR020Y W.O. 1565 Insp_Art V.

NEXT CHECK
DUE

CHECKED BY:
SIGNATURE — CERT. NO.

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: Cirrus
 MODEL: SR22 G3
 S/N: 22-2683
 REG. NO: 518BP
 WORK ORDER:
 9879-09-2007

Cirrus Design Factory Service Center

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

DATE: 9/18/2007
 A/C TSN: 9
 HOBBS: 9


Airframe Entries

(2) Replaced Auto-Pilot controller p/n 13560-002, s/n off 0727-12506, s/n on 0727-12508 IAW SR22 AMM 22-11. Functional test satisfactory.... (3) Connected XM remote to XM radio IAW manufactures instructions.... (6) Autopilot cal C/W IAW SR22 MM 22-11 Flight test satisfactory at this time.

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: 9/18/2007

SIGNED:



Karl Haglund
 Certified Repair Station No. YD5R855Y

Work Order: 9879-09-2007

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
 MODEL: SR22 G3
 S/N: 22-2683
 REG. NO: 518BP
 WORK ORDER:
 9905-09-2007



Cirrus Design Factory Service Center

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

DATE: 9/21/2007
 A/C TSN: 15.1
 HOBBS: 15.1

Airframe Entries

(1) Removed and replaced NLG wheel half bolts p/n AN4-22A qty 4 and nuts MS21042-4 qty 4, IAW CDC AMM 32-41 and OEM instructions.

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: 9/21/2007

SIGNED:



Casey Komarek
 Certified Repair Station No. YD5R855Y

Work Order: 9905-09-2007

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: Cirrus
MODEL: SR22 G3
S/N: 22-2683
REG. NO: 518BP
WORK ORDER:
9929-09-2007



Cirrus Design Factory Service Center

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

DATE: 9/22/2007
A/C TSN: 19.3
HOBSBS: 19.3

Airframe Entries

(1) Adjusted both R/H and L/H fuel tabs. IAW MM 28-10

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: 9/22/2007

SIGNED:

Curt Kracker
Certified Repair Station No. YD5R855Y

Work Order: 9929-09-2007

Printed by EBis 3 (datcomedia.com)

Nov. 29, 07	MX: 660 FLT: 47.3	R&R ALTERNATOR ASSY W/ NEW UNIT. OPS. CHECK - OK	Robert S. Jensen I.A. 2186835
Nov. 30, 07	MX: 66.0	R&R 24V BATT. W/ NEW G-243 CHARGE - SERVICED. OPS. OK	Robert S. Jensen I.A. 2186835
DEC. 7, 07	MX: 66.8	C/W S.B.# ZX-57-08 A.D.# 2007.CE.091	Robert S. Jensen I.A. 2186835

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Jackson Hole Aviation, LLC
P.O. Box 3829 Jackson, WY 83001
(307) 733-4767

Date - 12-14-07
Hobbs - 74.6

A/C Reg. - N518BP
Flight - 53.9

Removed propeller governor P/N# C290D3R/T23, S/N# 070572. Installed new governor same P/N#, S/N# 0713978 with new gasket P/N# B-20024. Leak checked and op's checked normal on post run-up, "The Aircraft (Airframe, Engine, Propeller, or Appliance identified herein was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, and in respect to the work performed, is approved for return to service in accordance with FAR 43.9" Pertinent details of the repair are on file at this repair station under W/O# 8531 Dated 12-11-07 and a copy is attached to the product maintenance record.

Inspector: Bob O Bentley for Jackson Hole Aviation, LLC CRS#J3HR633H

JAN. 24, 08	TACH: 119.8	<p>PERFORMED 100 HOUR INSPECTION THIS DATE: REPAIR ALL PANELS, CONNETS, FAIRINGS & PLATES. CHECKED AIRCRAFT EXTERIOR, INTERIOR, SKINS, STRUCTURES, STABILIZERS, FLIGHT CONTROLS, FLAPS & TABS. CHECKED EXTERIOR LIGHTS, STALL WARN. LG. & PITOT HEAT CHECK, CHARGED & SERVICED A/C 24 VOLT BATTERY, CHECKED CHARGING SYSTEM, VACUUM SYSTEM, FUEL SYSTEM INCL. CAPS, SEALS, VENTS, SELECTOR GAGES, ELECTRIC PUMP, FUEL SCREENS AND PLACARDS, CHECKED FLAP ACTUATOR AND INDICATOR. CHECKED LANDING GEAR, TIRES, STRIKES, CALIPERS, PADS, AND HYDRAULIC FLUID LEVEL - SERVICED W/MS 3606 FLUID. CHECKED ALL DOORS, WINDOWS, LATCHES & LOCKS. LUBRICATED. CHECKED CABIN INTERIOR, INTERIOR LIGHTS, SWITCHES, LEVERS, CONTROL YOKES, WIRING, INSTRUMENTS, SEATS, BELTS, HARNESSSES, SEAT RAIS & STOPS. CHECKED O₂ SYSTEM, BLEED, ROU TRIM & RIGGING. CHECKED COMPASS AND CORRECTION CARD. SET PROP GOVERNOR TO 2700 RPM & RESAFETY. CHECK ALL A.D.I. - CURRENT TO DATE. CHECKED DE-ICE SYSTEM.</p> <p>I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p>	
			<p><i>Robert J. Bonner</i> 1.A. 2186835</p>

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Jackson Hole Aviation, LLC
 P.O. Box 3829 Jackson, WY 83001
 (307) 733-4767

Date - 12-19-07 A/C Reg. - N518BP
 Hobbs - 75.5 Flight - 54.0

Installed new rod end bearing P/N# 11314-003 on prop governor cable at governor. Op's checked normal on post run-up.

"The Aircraft, Airframe, Engine, Propeller, or Appliance identified herein was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, and in respect to the work performed, is approved for return to service in accordance with FAR 43.9" Pertinent details of the repair are on file at this repair station under W/O# 8533 Dated 12-14-07 and a copy is attached to the product maintenance record.

Inspector: *John J. Kelly* for Jackson Hole Aviation, LLC CRS#J3HR633H

JULY 1, '08	224.0 TACH 283.0 HOBBS	<p>PERFORMED 100 HOUR INSPECTION: MET ALL PANELS, COVE PAIRING PLATES, CHECKED SKINS, STRUCTURES, STABILIZERS, FLIGHT CONTROL SURFACES, CHECKED WINDOWS, DOORS, LATCH FLOCKS, LUBED, CHECKED EXTERIOR LIGHTS, PITOT HEAT, STALL CHECKED LANDING GEAR, TIRES, WHEELS, BRAKES, PADS & SETTING HYDRAULICS, IN-OIL, W/MS 560 FLUID, CHECKED, CHARGED & SER VE 24 VOLT BATTERY, CHECKED CHARGING SYSTEM, VACUUM SYSTEM FUEL SYSTEM - CAPS, GAUGES, PUMPS, PLACARDS, SUMPS AND VENT CHECKED FLAPS & CONTROL TABS - LUBED, CHECKED EXHAUST SY INDUCTION SYSTEMS, FILTER ELEMENT, CHECKED CABIN INTERIOR SEATS, BELTS, HARNESSSES, RUDDER PEDALS & MASTER CYLS, CHECKED ALL CABLES, TENSIONS, RIGGING - O.K. CHECKED ALL SH LEVERS, CONTROL YOKES & CHAINS, SERVICED TIRES TO SPEC IDENTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p>	<p>Robert J. Bonney 12-21-07 8:35</p>
ELT BATT. DUE: 9/12			

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
SEPT. 10 2008	284.6	<p>PERFORMED ANNUAL INSPECTION: RFR ALL PANELS, COVERS, FAIRINGS & PLATES. CHECKED AIRCRAFT EXTERIOR, SKINS, STRUCTURES, WINGS, SPARS, STABILIZERS, FLAPS, TABS, DE-ICE SYSTEM, STALL WARNING AND PITOT HEAT. CHECKED ALL DOORS, WINDOWS, LATCHES & LOCKS - LUBED. CHECKED LANDING GEAR, TIRES, BRAKES, CALIPERS, PADS & SERVICED HYD. FLUID RESERVOIR W/ MIL S606 FLUID. CHECKED FUEL SYSTEM, CAPS, SEALS, SCREENS, PUMPS, LINES, HOSES, FITTINGS, GAUGES AND PLACARDS - OK. CHECKED CABIN INTERIOR, SEATS, BELTS, HARNESSSES, RAILS & STOPS. CHECKED CABIN CONTROLS, YOKE ASSY, GAUGES, SWITCHES AND PLACARDS. CHECKED CABLES, TENSIONS, RIGGING. C/W FAR 91.207(2) FLT IMPACT OPS. CHECK - OK. REPLACED #4 EGT PROBE W/ NEW. REPLACED TURBOCHARGER MANIFOLD TO TURBINE FLANGE GASKET W/ NEW. ADJUSTED RPM OUTPUT TO SPECS. CHECKED, CHARGED & SERVICED A/C 24 VOLT BATTERY. CHECKED CHARGING SYSTEM - OK.</p> <p>I CERTIFY THIS AIRCRAFT WAS INSPECTED AS PER AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. ALL A.D.'S REVIEWED & C/W TO DATE.</p>	<p>Robert S. Boreas I.A. 2186835</p>
OCT. 9, 08	305.4	C/W A.D. # 2008.14.13	BY INSTALLATION OF KIT 70186.005
MAY 7, 2009	396.2 (FLT HBS)	<p>PERFORMED 100 HOUR INSPECTION: RFR ALL PANELS, COVERS, PLATES, FAIRINGS. CHECKED AIRCRAFT EXTERIOR, SKINS, STRUCTURES, WINGS, SPARS, STABILIZERS, FLIGHT CONTROL SURFACES, TRIM ACTUATORS, TABS, EXTERIOR LIGHTS, PITOT HEAT, DE-ICE SYSTEM & STALL WARNING - OK. CHECKED DOORS, WINDOWS, LATCHES & LOCKS - LUBED. CHECKED LANDING GEAR, TIRES, BRAKES, CALIPERS, ROTORS & PADS. SERVICED HYDRAULIC BRAKE RESERVOIR W/ MIL S606 FLUID. CHECKED & LUBED NOSE OBRAL SHOCK & STEERING PIVOT ASSY; CHECKED FAIRINGS & GEAR LEG ATTACH HWDR. - OK. CHECKED ALL DOORS, WINDOWS, LATCHES & LOCKS - LUBED. CHECKED EXHAUST SYSTEM, TURBOCHARGING SYSTEM, OXYGEN SYSTEM, INDUCTION SYS. CHARGING SYSTEM INCL. ALT 1 & ALT 2. CHECKED, CHARGED & SERVICED A/C 24 VOLT BATTERY. CHECKED CABIN INTERIOR, SEATS, BELTS, HARNESSSES, RAILS, STOPS, INSTRUMENTS, LEVERS, YOKE, CABLES, TENSIONS & RIGGING - OK. CHECKED INTERIOR LIGHTS, SWITCHES & PLACARDS.</p> <p>I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p>	<p>Robert S. Boreas I.A. 2186835</p>

ELT DUE
SEPT. 2012

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

W/O: 3743 Aircraft: N518BP Tach: 452.9 TTAF: 452.9 Date: 8/20/2009
Model: SR-22 S/N: 2683

Airframe Entry

Completed 50 hour inspection. Complied with recommended airframe lubrication cycle per maintenance manual. Serviced all tire pressures, inspected brakes, tires and landing gear. Inspected induction air inlet filter and cowl. Completed ground engine run, no leaks or defects noted at this time.-END

All work completed in accordance with Cirrus SR-22 Service Manual. This *Airframe* is approved for return to service for only work performed above.

Mike Wyant A&P 2842700



1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

W/O: 3657 Aircraft: N518BP Tach: 476.3 TTAF: 476.3 Date: 9/5/2009
Model: SR-22 S/N: 2683

Airframe Entry

Removed nose landing gear assembly to facilitate engine sump maintenance. Reinstalled nose landing gear assembly per Cirrus SR-22 manual.-END

All work completed in accordance with Cirrus SR-22 Service Manual. This *Airframe* is approved for return to service for only work performed above.

Mike Wyant A&P 2842700

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

W/O: 3936 Aircraft: N518BP Tach: 513.3 TTAF: 513.3 Date: 10/26/2009

Model: SR-22 S/N: 2683

Airframe Entry

Replaced both RH wing nav light bulbs with new, P/N's: CMA-7512-24 & 34-0328070-64, nav lights operational check good.-END

All work completed in accordance with Cirrus SR-22 Service Manual. This Airframe is approved for return to service for only work performed above.

Mike Wyant A&P 2842700

<p style="font-size: 2em; font-family: cursive;">Not Used</p>		
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MAINTENANCE RECORD

F.A.R. 43.9

DATE OF
COMPLETIONAIRCRAFT TIME
IN SERVICEDESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USEDAGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

W/O: 4097 Aircraft: N518BP Tach: 546.2 TTAF: 546.2 Date: 03/01/2010

Model: SR-22 S/N: 2683

Airframe Entry

Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. Remove nose landing gear fairing forward cover for repair and paint. Reset nose gear fork tension to specification & safetied. Repaired nose gear fairing and painted to match, installed new decals and protective covering and re-installed on aircraft. *CW SB 2X-05-01 (brake caliper rebuild)* by caliper o-ring replacement and bleeding and installation of new yellow brake temp stickers P/N: 51698-003, **NEXT CALIPER REBUILD DUE: 1046.2 AFTT**. Replaced both brake caliper shims with new P/N: 068-01100. Performed 12 month autopilot check S-TEC instruction for continued airworthiness. Installed 2 new screws on LH side of center console and armrest. Replaced RH main tire and tube with new GY FS II 15 x 6 tire P/N: 156E61-3, & tube P/N: 092-315-0. Serviced all wheel bearings. Installed one screw on circuit breaker panel access cover. Touched up paint and polished in two small areas of fuselage just aft of upper engine cowl. Reinstalled and closed access panels and covers. I have performed an operational check and inspection on this ELT in accordance with FAR 91.207D and it has been determined to be in an airworthy condition. Battery expiration date: 9/2012. Verified AD's current through AD 2009-26-01. All work and inspection completed in accordance with Cirrus SR-22 Service Manual.-END

I certify that this airframe has been inspected in accordance with
FAR 43 Appendix D (Annual Inspection) and Cirrus SR-22 Annual inspection checklist
and has been determined to be in an airworthy condition.

Mike Wyant A&P / IA 2842700

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Date **3/25/2010**

W/O# **10679**



Airframe Logbook Entry
CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: 518BP

S/N: 2683

Tach / Hobbs **645.0**

INSTALLED DATA ACQUISITION UNIT P/N A1615 S/N 197 AFTER REBUILD BY "MORITZ AEROSPACE" CRS# PT2011NE PER WO# 103308, FUNCTION CHECKED NORMAL.

FLIGHT **556.0**

INSTALLED NEW P/N 16579-002 #3 CYLINDER EGT PROBE, FUNCTION CHECKED NORMAL.
INSTALLED NEW P/N 86245 TIT PROBE, FUNCTION CHECKED NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt

Damon Schmidt

Date **6/22/2010**

W/O# **10841**



Airframe Logbook Entry
CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: 518BP

S/N: 2683

Tach / Hobbs **700.2**

INSTALLED A NEW P/N C24ST3, S/N 4C3151053 STARTER, FUNCTION CHECKED NORMAL.

FLIGHT **611.0**

INSTALLED NEW P/N 86245 TIT PROBE, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 1133175-1 AIR CONDITIONER DRIVE HUB, ADJUSTED BELT TENSION TO MM SPEC'S, FUNCTION CHECKED NORMAL.

SERVICED OXYGEN TO 1900 PSI WITH AVIATORS BREATHING OXYGEN.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt

Damon Schmidt

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF AIRCRAFT TIME DESCRIPTION OF WORK PERFORMED AGENCY & CERTIFICATE NO.

Date 3/17/2011

W/O# 11290



Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N518BP

S/N: 2683

Tach / Hobbs

TTAF

Flight

Eng, TSN

Eng TSO

Prp TSN

Prp TSO

855. COMPLETED AN ANNUAL INSPECTION PER FAR 43 APPENDIX "D". ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MANUALS. COMPLIED WITH TORNADO ALLEY TURBO INSTRUCTIONS FOR CONTINUED AIRWORTHINESS PER DOCUMENT NO. 22-6460004.

855.5 COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER. COMPLIED WITH ANNUAL K&N INDUCTION AIR FILTER SERVICE.

766.0 COMPLIED WITH 500 HOUR ENGINE MOUNT WELDMENT AND LOWER MOUNT ATTACH FITTING INSPECTION AND TORQUE CHECK WITH NO DEFECTS NOTED.

855.5 17298-001 LANDING LIGHT LENS. INSTALLED NEW P/N 50979-001 #2 BATTERIES, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 17298-001 LANDING LIGHT LENS. INSTALLED NEW P/N 12683-006 PILOT AND COPILOT STEP ANTI-SKID INSTALLED NEW P/N 14390-002 L/H AILERON GAP SEAL. INSTALLED NEW P/N 061-501-0 S/N 0293S00221 L/H MAIN TIRE, ROTATED R/H TIRE ON WHEEL ASSEMBLY FOR MAX WEAR, BALANCED WHEEL ASSEMBLIES, INSTALLED ON AIRCRAFT AND SAFETIED. INSTALLED NEW P/N 164-02504 R/H BRAKE DISC AND NEW P/N 066-06200 BRAKE LININGS, BRAKED CONDITIONED, FUNCTION CHECKED NORMAL.

NA INSTALLED NEW P/N 214-00100 L/H MAIN WHEEL OUTBOARD RACE AND NEW P/N 214-00200 BEARING.

855.5 INSTALLED NEW P/N NAS6608-14D NOSE LANDING GEAR WELDMENT AFT MOUNTING BOLTS WITH NEW P/N 13705-003 SPACERS AND NEW P/N NAS77-10-013 BUSHINGS, TORQUED TO SPEC'S AND SAFETIED. ADJUSTED COPILOT DOOR LATCH CABLE TENSIONS TO MM SPEC'S, FUNCTION CHECKED NORMAL. SERVICED OXYGEN SYSTEM TO 1900 PSI WITH AVIATORS BREATHING OXYGEN.

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed Damon Schmidt

Damon Schmidt

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 9/2012 Signed: Damon Schmidt

Damon Schmidt

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF
COMPLET

Entered



IN Error

NO.
TO SERVICE

1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 426 Aircraft: N518BP Tach: 883.8 TTAF: 883.8 Date: 4/27/2011

Model: Cirrus SR-22 Turbo S/N: 2683

Airframe Entry

Completed 25HR Inspection. Complied with recommended airframe lubrication cycle per maintenance manual. Serviced all tire pressures, inspected brakes, tires and landing gear. Inspected induction air inlet filter and cowl. Re-installed all access panels and covers. Completed ground engine run, no leaks or defects noted at this time. All work completed in accordance with American Champion Service Manual. -END

This Airframe is approved for return to service only for the work performed and listed above.

Samuel Worsham A&P 3424586

Sam Worsham

Correction Made →



1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 426 Aircraft: N518BP Tach: 883.8 TTAF: 883.8 Date: 4/27/2011

Model: Cirrus SR-22 Turbo S/N: 2683

Airframe Entry

Completed 25HR Inspection. Complied with recommended airframe lubrication cycle per maintenance manual. Serviced all tire pressures, inspected brakes, tires and landing gear. Inspected induction air inlet filter and cowl. Re-installed all access panels and covers. Completed ground engine run, no leaks or defects noted at this time. All work completed in accordance with Cirrus Service Manual. -END

This Airframe is approved for return to service only for the work performed and listed above.

Samuel Worsham A&P 3424586

Sam Worsham

MAINTENANCE RECORD
F.A.R. 43.9

Date 3/20/2012

W/O# 12039



Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N518BP

S/N: 2683

Tach / Hobbs 1070.5 COMPLETED AN ANNUAL INSPECTION PER FAR 43 APPENDIX "D". ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MANUALS. COMPLIED WITH TAT SYSTEM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. COMPLIED WITH PRECISE FLIGHT O2 SYSTEM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS.

TTAF 1070.5

Flight 980.7

Eng, TSN 1070.5

Eng TSO NA

Prp TSN 1070.5

Prp TSO NA

COMPLY WITH CIRRUS MANDATORY SB2X-32-19R2, NOSE LANDING GEAR UPPER GUSSET PLATE INSPECTION WITH NO DEFECTS NOTED.

INSTALLED OXYGEN BOTTLE P/N 102N0100-1 S/N 19176 AFTER HYDROSTATIC TEST PER C&L AERO SERVICED TO 1850 PSI WITH AVIATORS BREATHING OXYGEN, LEAK CHECKED NORMAL.

COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER. COMPLIED WITH ANNUAL K&N INDUCTION AIR FILTER SERVICE.

INSTALLED NEW P/N 455-0012 ELT BATTERY, FUNCTION CHECKED NORMAL. NEXT BATTERY REPLACEMENT DUE 9/2018. INSTALLED NEW P/N 164-02504 L/H BRAKE DISC WITH NEW P/N 066-06200 LININGS, CONDITIONED BRAKES, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 061-501-0 S/N 1127S00180 R/H TIRE, BALANCED WHEEL ASSEMBLY, INSTALLED ON AIRCRAFT AND SAFETIED.

INSTALLED NEW P/N 19629-001 FRESH AIR MIXING BOX DUCT. INSTALLED AIR CONDITIONER DRIVE SHAFT / HUB ASSEMBLY P/N 1133175-2 AFTER OVERHAUL BY "ENVIRO SYSTEMS" CRS# BD2R712K PER WO# W95760, FUNCTION CHECKED NORMAL. INSTALLED STARTER P/N 646275-1 S/N H-L120666 AFTER OVERHAUL BY "HARTZELL ENGINE TECHNOLOGIES" CRS# 1HZR769B PER WO# M852880, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 22-6850002 L/H EXHAUST MANIFOLD, FUNCTION CHECKED NORMAL. ADJUSTED NOSE WHEEL BRAKE AWAY TENSION TO MM SPEC'S, FUNCTION CHECKED NORMAL.

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed Damon Schmidt
Damon Schmidt

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 9/2018 Signed: Damon Schmidt

Damon Schmidt

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION—STATUS & DISCREPANCY LIST

DATE

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Aug 2007

6.7

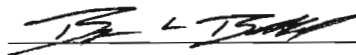
Production Flight Test accomplished in accordance with
Cirrus Procedure #90502

Name: Bryce L. Ballard

Date

31 Aug 2007

Signature:

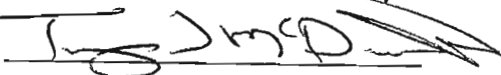


Title: Production Flight Test Pilot

Aug 2007

6.7 hrs

I find that the aircraft meets the requirements for the
certification requested and have issued an U.S. Standard
Airworthiness Certificate dated SEP / 07 / 2007.
The next inspection is due SEP / 30 / 2008.



Troy J. McDonald
ODARF-405228-CE

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE



F. Hobbs: 860.5

1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 606 Aircraft: N518BP Tach: 950.2 TTAf: 950.2 Date: 7/22/2011

Model: Cirrus SR-22 Turbo S/N: 2683

Airframe Entry

Completed 50HR inspection. Complied with recommended airframe lubrication cycle per maintenance manual. Serviced all tire pressures, inspected brakes, tires and landing gear. Inspected induction air inlet filter and cowl. Re-installed all access panels and covers. Completed ground engine run, no leaks or defects noted at this time. All work completed in accordance with Cirrus Service Manual. -END

This *Airframe* is approved for return to service only for the work performed and listed above.

Samuel Worsham A&P 3424586



1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 730 Aircraft: N518BP Hobbs: 1009.5 Flight Hobbs: 919.7 TTAf: 1009.5 Date: 10/13/2011

Model: Cirrus SR-22 Turbo S/N: 2683

Airframe Entry

Completed 50HR inspection. Complied with recommended airframe lubrication cycle per maintenance manual. Serviced all tire pressures, inspected brakes, tires and landing gear. Inspected induction air inlet filter and cowl. Re-installed all access panels and covers. Completed ground engine run, no leaks or defects noted at this time. Verified AD's current through AD2009-26-01. All work completed in accordance with Cirrus Service Manual. -END

This *Airframe* is approved for return to service only for the work performed and listed above.

Samuel Worsham A&P 3424586

INSPECTION RECORD
F.A.R. 43.11-91.409

Airframe Logbook Entry
CRS AWKR298C

AIRCRAFT: 518BP



25170 Aviation Ave., Davis, CA 95616

S/N: 2683

6/1/2012

12198

Hobbs 1103.4

FLIGHT 1013.7

REMOVED NOSE WHEEL PANT AND FAIRING, COMPLETED AN EQUIPMENT LIST AND WEGHT AND BALANCE REVISION AND INSERTED INTO POH.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed:

Damon Schmidt

1903 Embarcadero Road, Palo Alto, CA 94303



650-494-6516 www.advantage-aviation.com

WO: 1086 Aircraft: N518BP Hobbs: 1122.9 Flight Hobbs: 1031.9 Date: 29 June 2012

Model: Cirrus SR-22 Turbo S/N: 2683

Airframe Entry

Removed both left and right wheel pants, repaired cracks in both and reinstalled. Reinstalled nose wheel pant after repair by Woodland Aviation. Weight & Balance revision inserted into POH. -END

This **Airframe** is approved for return to service only for the work performed and listed above.

Charles Harvie A&P 3517275

1903 Embarcadero Road, Palo Alto, CA 94303



650-494-6516 www.advantage-aviation.com

WO: 1151 Aircraft: N518BP Hobbs: 1142.5 Flight Hobbs: 1050.1 Date: 10 August 2012

Model: Cirrus SR-22 Turbo S/N: 2683

Airframe Entry

Completed 50HR Inspection. Complied with recommended airframe lubrication cycle per maintenance manual. Serviced all tire pressures, inspected brakes, tires and landing gear. Inspected induction air inlet filter and cowl. Reinstalled all access panels and covers. Completed ground engine run, no leaks or defects noted at this time. -END

This **Airframe** is approved for return to service only for the work performed and listed above.

Charles Harvie A&P 3517275

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION—STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE



1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 1313 Aircraft: N518BP Hobbs: 1118 TTAF: 1118 Date: 11-14-2012

Model: Cirrus SR-22 Turbo S/N: 2683

Airframe Entry

Replaced battery with new.-END

This *Airframe* is approved for return to service only for the work performed and listed above.

Chris Lund A&P/AMT 3127640

40



Date 3/27/2013

Airframe Logbook Entry

AIRCRAFT: N 518BP

W/O# 12758

CRS AWKR298C

S/N: 2683

25170 Aviation Ave., Davis, CA 95616

Tach / Flight 1114.0

REMOVED AVIDYNE MAGNETOMETER ASSEMBLY P/N 700-00011-000, S/N 27437 AND INSTALLED WARRANTY REPLACEMENT MAGNETOMETER ASSEMBLY P/N 700-00011-000, S/N 28017 AFTER BEING REPAIRED BY AVIDYNE CORPORATION, CRS# 1VAR161B UNDER W/O 9019884 DATED 1/22/2013. PERFORMED GROUND FUNCTIONAL TESTS AND MAGNETOMETER CALIBRATION WITH NO DISCREPANCIES NOTED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed: _____

Shawn Matthies

The Altimeter, Static System and Altitude Reporting Tests required by FAR 91.411 and Transponder tests required by FAR 91.413 part 43 appendix F have been performed. Altimeter Tested to 25,000 ft. IAW FAR 43 Appendix E. Signed _____

Shawn Matthies

Date 3/29/2013

W/O# 12758



Airframe Logbook Entry AIRCRAFT: N 518BP

CRS AWKR298C

S/N 2683

25170 Aviation Ave., Davis, CA 95616

Tach Time	1114.0	COMPLIED WITH ANNUAL INSPECTION PER FAR 43 APPENDIX D. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MANUALS.
TTAF	1114	COMPLIED WITH CIRRUS MANDATORY SB 2X-32-19R3 , NOSE LANDING GEAR ASSEMBLY UPPER GUSSET PLATE INSPECTION.
Eng, TSN	1114	COMPLIED WITH TAT SI08-1 , 50 HOUR INSPECTION AND CLEANING OF CRANKCASE BREATHER FITTING. CLEANED CRANKCASE BREATHER FITTING.
Eng TSO	N/A	COMPLIED WITH TAT SI08-05 , 100 HOUR INSPECTION AND CLEANING INDUCTION SYSTEM FILTER.
Prp TSN	1114	COMPLIED WITH TAT SB09-01 , 50 HOUR INSPECTION OF THE EXHAUST MANIFOLD FLANGE
Prp TSO	N/A	COMPLIED WITH TAT SB10-01 , INSPECTION OF HINGE PIN ENDS ON THE ALTERNATE AIR DOOR FOR CRACKS, LOOSE RIVETS AND / OR MISSING RETENTION METHODS.
		COMPLIED WITH TAT SB11-01 , ANNUAL EXHAUST SYSTEM INSPECTION.
		COMPLIED WITH TAT SB11-03 , ANNUAL TURBO SUPPORT INSPECTION .
		COMPLIED WITH TAT SB11-04 , ANNUAL TURBO OIL INLET SCREEN INSPECTION. REMOVED, CLEANED AND INSPECTED TURBO INLET OIL SCREENS. INSTALLED AND TORQUED TO SPEC.
		COMPLIED WITH TAT SB12-02 , ANNUAL ENGINE DRIVEN FUEL PUMP INSPECTION .
		COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER.
		INSTALLED OVERHAULLED CONDOR TIRE P/N 072-449-0, S/N 0076S00136R1 SUPPLIED BY AERO WHEEL AND BRAKE SERVICE CORP, CERT# U8SR971J, UNDER WO 210074 AND NEW TUBE P/N: 097-500-0. ADJUSTED LEFT MAIN GEAR GAP CLEARANCE. INSTALLED 1 NEW TOW BAR PIN.
		REMOVED LH TURBOCHARGER P/N 466304-0003, S/N KGN00221. INSTALLED OVERHAULLED TURBOCHARGER P/N 466304-9003 S/N KFL00052 FROM MAIN TURBO SYSTEMS, INC CRS# MAMR190K UNDER W/O# 45770.

Date 3/29/2013

W/O# 12758



Airframe Logbook Entry AIRCRAFT: N 518BP

CRS AWKR298C

S/N 2683

25170 Aviation Ave., Davis, CA 95616

REMOVED AND REPLACED RIGHT WASTEGATE WITH OVERHAULED WASTEGATE P/N 477233-0003. WASTEGATE OVERHAULED BY MAIN TURBO SYSTEMS INC. CERT# MAMR190K, UNDER WO. 45771. INSTALLED NEW WASTEGATE ACTUATOR CABLE P/N 22-5650008 WITH NEW CLEVIS PINS. INSTALLED DEADHEAD PRESSURE TEST TO MASTER WASTEGATE AND RIGGED WASTEGATES PER TAT INSTALLATION MANUAL. VERIFIED THAT BOTH WASTEGATES FULLY OPEN AND CLOSE. OPERATIONAL CHECK NORMAL. FABRICATED DOUBLER AND INSTALLED ONTO LEFT SIDE DECK BAFFLE SUPPORT TAB AFT CORNER OF INTER-COOLER. INSTALLED NEW #1 CYLINDER FUEL DRAIN TUBE, . INSTALLED NEW # 1 EGT PROBE P/N 16579-002 . SECURED HARNESS . OPERATIONAL CHECK GOOD. ADJUSTED PROP GOV ROD END IN TWO TURNS AND SAFETIED AS REQUIRED. VERIFIED THAT PROP GOV ACTUATOR ARM HITS FULL FORWARD STOP.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed: _____

Shawn Matthies

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due

date 09/2018 Signed: _____

Shawn Matthies

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed _____

Shawn Matthies

The Altimeter, Static System and Altitude Reporting Tests required by FAR 91.411 and Transponder tests required by FAR 91.413 part 43 appendix F have been performed. Altimeter Tested to 25,000 ft. IAW FAR 43 Appendix E.

Signed _____



Date 8/6/2013

Airframe Logbook Entry

AIRCRAFT: N 518BP

W/O# 13040

CRS AWKR298C

S/N: 2683

25170 Aviation Ave., Davis, CA 95616

Tach / Flight 1224.6

REMOVED CUSTOMERS ORIGINAL AVIDYNE EX5000 MFD P/N 700-00004-008, S/N 20070297 AND INSTALLED REPLACEMENT EX5000 MFD P/N 700-00004-008, S/N 21381285 AFTER BEING OVERHAULED BY AVIDYNE CORPORATION, CRS# 1VAR161B UNDER W/O 9021500 DATED 7/9/2013. CONFIGURED DISPLAY FOR CUSTOMERS AIRCRAFT AND PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed: _____
David Clarke AWKR298C



1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 1755 Aircraft: N518BP Hobbs: Flight Hobbs: Date: 9-9- 2013

Model: Cirrus SR-22 Turbo S/N: 2683

Airframe Entry

No Airframe entry

This *Airframe* is approved for return to service only for the work performed and listed above.



1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 1852 Aircraft: N518BP Hobbs: 1387 Flight Hobbs: Date: 11-22- 2013
Model: Cirrus SR-22 Turbo S/N: 2683

Airframe Entry

Changed right main tire and tube. Replaced all brake pads. Added TKS fluid. Brake fluid okay. Lubed flight controls external due to dryness from sitting now on ramp. A/C works well in ground test.

This *Airframe* is approved for return to service only for the work performed and listed above.

Chris Lund AMT/A&P 3127640

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 2683
REG. NO: N518BP
WORK ORDER: 1946

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 09/07/14
A/C TSN: 694.9
TACH: 694.9

Airframe Entries

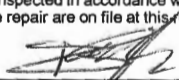
This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated April 3, 2014.

Maintenance Release

The aircraft and/or component(s) on N518BP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1946, Dated 4/4/2014.

DATE: 04-07-14

SIGNED:



Work Order: 1946

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

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ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **375** AIRCRAFT: **N518BP** HOBBS: **1431.6** TTAF: **1431.6**

DATE: **05/01/2014**

MODEL: **Cirrus SR22** S/N: **2683**

C/W SB2X-28-11R3 "Fuel line replacement" by cleaning and resealing of the glycol bay and fittings, and replacement of the fuel return line with new anodized part (P/N: 17313-002). **C/W SB2X-32-19R3** "Nose landing gear assembly upper gusset plate inspection". C/W Tornado Alley Turbo system and Precise Flight oxygen system instructions for continued airworthiness. Serviced induction air filter. Serviced all wheel bearings. Replaced the following parts with new: main battery (P/N: 7243-16, S/N: G02816937), L/H main tire (P/N: 156E66-4) and tube (P/N: 097-500-0), magneto pressurization filter (P/N: 04-6700015), L/H exhaust manifold (P/N: 22-6850011), related gasket set (P/N: MGKC) and plug (P/N: AN806-4J), both turbo v-band clamps (P/N: 11-1100023), nose landing gear bumper (P/N: 18380-001) and all six rubber pucks (P/N: 13386-001), R/H aft nav lens (P/N: 68-4250066-30) and lamp (P/N: A50828), L/H forward nav lamp (P/N: WL-1524), and alt air lever housing trim (P/N: 21589-001). Removed both main wheel pants. See revised weight and balance this date. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. Checked torque on lower engine mount hardware. No defects noted at this time.

I have performed an operational check and inspection on this ELT in accordance with FAR 91.207D and it has been determined to be in an airworthy condition. ELT battery expiration date: 09/2018. Verified AD's current through AD 2009-26-01. All work completed in accordance with Cirrus SR22 Service Manual. -END

I certify that this airframe has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

Christer Hagghult A&P / IA 2897856

April 30, 2014
N518BP, Cirrus SR22
S/N: 2683
Hobbs Meter: 1431.6

Cirrus
Authorized Service Center

Mather Aviation LLC
Hayward Executive Airport
FAA CRS No. Z4MR560Y
WO#: 615392

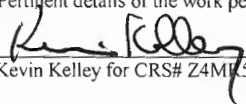
This is a permanent part of the **Airframe Records** The following inspection, maintenance, repairs or replacements were accomplished.

1. Replaced CAPS Reefing Line Cutters with new units using Line Cutter Kit P/N: 25347-002 in accordance with CMM 95-01-01.
2. Removed AmSafe Electronic Module Assembly p/n: 508358-421, s/n: RA18APR14-2 and sent for repair. Installed same EMA after 7 year refurbishment accomplished by 'AmSafe Inc.' CRS# PQ1967NM. Performed test of Crew Seat Harness using System Diagnostic Tool P/N: 508987-401 in accordance with AMM 25-10. System passed test.

Technician(s): R. Dodge

I certify that this aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations, was found airworthy with respect to the work performed and is approved for return to service. Pertinent details of the work performed are on file at this facility.

Inspector:


Kevin Kelley for CRS# Z4MR560Y

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 2083
REG. NO: N518BP
WORK ORDER: 2097

Rossi Aircraft, Inc.

Repair Station No ZRSR378L
1909 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 08, 28, 14
A/C TSN: 694.9
TACH: 694.9

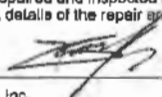
Airframe Entries

Removed cleaned and served spark plugs and fuel injectors, replaced fuel injector seals and spark plug gaskets. Performed a ground test: OPS check good

Maintenance Release

The aircraft and/or component(s) on N518BP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No 2097, Dated 8/22/2014.

DATE: 08-28-14 SIGNED:



Work Order: 2097

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 2683
REG. NO: N518BP
WORK ORDER: 2128

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 10/02/14
A/C TSN: 1469.1
HOBBS: 1469.1

Airframe Entries

Complied with Cirrus Service Advisory# SA 09-07 (TAT SB09-01) Performed a visual inspection of the exhaust manifolds - Next Due: Hobbs: 1519.1... Complied with Cirrus Service Advisory# SA 09-08 (TAT AI08-01) Inspected and cleared the crankcase discharge tube - Next due: Oil change... Complied with Cirrus Service Advisory# SA 10-01 - Inspected the heat shield and oil return line for the RH Turbocharger. No chaffing or separation issues noted, installed new silicone to secure the shield.... Removed RH Turbo bracket and enlarged the cut out for the oil return hard line to pass through. Reassembled and performed a ground test, OPS check good.... All work completed per Savvy Aircraft Maintenance Oil change guide Service item #'s 1.1 through 3.4.

Maintenance Release

The aircraft and/or component(s) on N518BP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2128, Dated 10/2/2014.

DATE: 10-02-14

SIGNED: 

Work Order: 2128

Rossi Aircraft Inc.
Certified Repair Station No. ZR6R378L

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 2683
REG. NO: N518BP
WORK ORDER: 2128

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 10/02/14
A/C TSN: 1469.1
HOBBS: 1469.1

Airframe Entries

Complied with Cirrus Service Advisory# SA 09-07 (TAT SB09-01) Performed a visual inspection of the exhaust manifolds - Next Due: Hobbs: 1519.1... Complied with Cirrus Service Advisory# SA 09-08 (TAT AI08-01) Inspected and cleared the crankcase discharge tube - Next due: Oil change... Complied with Cirrus Service Advisory# SA 10-01 - Inspected the heat shield and oil return line for the RH Turbocharger. No chaffing or separation issues noted, installed new silicone to secure the shield.... Removed RH Turbo bracket and enlarged the cut out for the oil return hard line to pass through. Reassembled and performed a ground test, OPS check good.... All work completed per Savvy Aircraft Maintenance Oil change guide Service item #'s 1.1 through 3.4.

Maintenance Release

The aircraft and/or component(s) on N518BP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2128, Dated 10/2/2014.

DATE: 10-02-14

SIGNED: 

Work Order: 2128

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)



Date 1/8/2015

Airframe Logbook Entry

AIRCRAFT: N 518BP

W/O# 14123

CRS AWKR298C

S/N: 2683

25170 Aviation Ave., Davis, CA 95616

Each / Hobbs 1405.6 COMPLIED WITH TAT **SI08-1**, 50 HOUR INSPECTION AND CLEANING OF CRANKCASE BREATHER FITTING.

COMPLIED WITH TAT **SB09-01**, 50 HOUR INSPECTION OF THE EXHAUST MANIFOLD FLANGE.

COMPLIED WITH TAT **SB10-01**, 50 HR INSPECTION OF HINGE PIN ENDS ON THE ALTERNATE AIR DOOR FOR CRACKS, LOOSE RIVETS AND / OR MISSING RETENTION METHODS.

COMPLIED WITH TAT **SI11-01**, 50 HR EXHAUST SYSTEM INSPECTION.

COMPLIED WITH TAT **SI11-03**, TURBO SUPPORT INSPECTION.

COMPLIED WITH TAT **SB12-02**, 50 HR ENGINE DRIVEN FUEL PUMP INSPECTION.

INSTALLED NEW RIGHT WASTEGATE RETURN SPRING P/N LEM120D 03 S AND CLEVIS PINS P/N MS20392-1C13/MS20392-2C13 WITH NEW SAFETY RETAINER P/N AA55488-2. INSTALLED NEW LEFT WASTEGATE CLEVIS PIN P/N MS20392-1C25 AND SAFETIED AS PER TAT ICA. RE-SOLDERED ALTERNATE AIR OPEN INDICATOR SWITCH WIRES. OPERATIONAL CHECK GOOD.

REPLACE RIGHT WING INBOARD TKS PANEL "STALL STRIP". AIRCRAFT WAS FLOWN BY A CIRRUS PRODUCTION FLIGHT TEST PILOT AND RETURNED TO SERVICE, SEE LOG ENTRY DATED 1/8/2015.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed: 


Shawn Matthies AWKR298C

Precision Static Testing Livermore, CA
FAA Certified Repair Station #QJAR856X
PHONE: (925) 449-5904 FAX (925) 449-6081

I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Tested to 25,000 feet. Time: 1436.9 (H)

W/O# 10635 N 578BP

Inspected by  Date 5/18/15

Test Altitude	Scale Error	Friction Error	Encoder	Leak (Acft/Case)			
-1000	-10			28FT/min @ 2000FT	Hysteresis		
0	0				% Altitude Tested	Altitude Tested	Amount Hysteresis
500	0				50%	12K	20
1000	0	10			40%	10K	10
1500	0				After Effect 0 Check Pitot Heat <input checked="" type="checkbox"/>		
2000	0	10			Baro. Scale Error (± 25 ft.)		
3000	+10	10			28.10	-1727	✓
4000	0				28.50	-1340	✓
5000	0				29.00	-863	✓
6000	-10				29.50	-392	✓
8000	-20				29.92	0	✓
10000	-20	10			30.50	+531	✓
12000	-40				30.90	+893	✓
14000	-40				30.99	+974	✓
15000	-40	20			Aircraft # N 578BP		
16000	-40				Date Tested: 5/18/15		
18000	-60				Technician: <u>BP</u>		
20000	-60	40			Inspector: <u>BP</u>		
22000	-40						
25000	-20	40					
30000							
35000							
40000							
45000							
50000							

Tested in compliance with Appendix E, Part 43, F.A.R 91.411
 Tested to: 25,000 ft. W.O. #: 10635

Precision Static Testing FAA CRS# QJAR856X

PILOT / FIRST OFFICER / STAND-BY

Test Altitude	Scale Error	Friction Error	Encoder	Leak (Acft/Case)			
-1000	0		-1K	28FT MIN @ 2000FT	Hysteresis		
0	0		0		% Altitude Tested	Altitude Tested	Amount Hysteresis
500	0		500		50%	12K	0
1000	0	0	1K		40%	10K	0
1500	0		1.5K		After Effect 0 Check Pitot Heat <input checked="" type="checkbox"/>		
2000	0	0	2K		Baro. Scale Error (± 25 ft.)		
3000	0	0	3K		28.10	-1727	✓
4000	0		4K		28.50	-1340	✓
5000	0		5K		29.00	-863	✓
6000	0		6K		29.50	-392	✓
8000	0		8K		29.92	0	✓
10000	-10	0	10K		30.50	+531	✓
12000	-10		12K		30.90	+893	✓
14000	-10		14K		30.99	+974	✓
15000	-10	0	15K		Aircraft # N 578BP		
16000	-10		16K		Date Tested: 5/18/15		
18000	-10		18K		Technician: <u>BP</u>		
20000	-20	0	20K		Inspector: <u>BP</u>		
22000	-20		22K				
25000	-20	0	25K				
30000							
35000							
40000							
45000							
50000							

Tested in compliance with Appendix E, Part 43, F.A.R 91.411
 Tested to: 25,000 ft. W.O. #: 10635

Precision Static Testing FAA CRS# QJAR856X

PILOT / FIRST OFFICER / STAND-BY



ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 • 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **723** AIRCRAFT: **N518BP** HOBBS: **1532.3** TTAF: **1532.3**

DATE: **06/04/2015**

MODEL: **Cirrus SR22** S/N: **2683**

C/W SB 2X-32-19R3 "Nose landing gear assembly upper gusset plate inspection". C/W Tornado Alley Turbo system and Precise Flight oxygen system instructions for continued airworthiness. Serviced induction air filter. Serviced all wheel bearings. Serviced aviator's breathing oxygen to 1500PSI. Replaced the following parts with new: main battery (P/N: 7243-16, S/N: G02905748), both #2 battery packs (P/N: 50979-001), #1 alternator (P/N: C28-150, S/N: 150-144400), ELT remote switch battery (P/N: 28L), ELT mounting tray (P/N: 452-3034-1), L/H turbo heatshield (P/N: ETI-G3-20-31) and heatshield doubler (P/N: ETI-G2-20-32), and both exterior grab handles (P/N: 10690-003). Change to weight and balance negligible; see revised equipment list this date. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. No defects noted at this time.

I have performed an operational check and inspection on this ELT in accordance with FAR 91.207D and it has been determined to be in an airworthy condition. ELT battery expiration date: 09/2018. ELT remote switch battery expiration date: 06/2020. Verified AD's current through AD 2009-26-01. All work completed in accordance with Cirrus SR22 Maintenance Manual. -END

I certify that this airframe has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

Brandon Thompson A&P / IA 3212565



ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **723-1** AIRCRAFT: **N518BP** HOBBS: **1532.5**

DATE: **06/08/2015**

MODEL: **Cirrus SR22** S/N: **2683**

Replaced the #5 EGT probe with new (P/N: 16579-002). Ground ran engine, ops check good. All work completed in accordance with Cirrus SR22 Maintenance Manual. -END

This airframe is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565



ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **825** AIRCRAFT: **N518BP** HOBBS: **1469.7** TTAF: **1469.7**

DATE: **09/30/2015**

MODEL: **Cirrus SR22** S/N: **2683**

Complied with TAT SI08-01 "crankcase breather discharge tube", SB09-01 "exhaust manifold inspection" and SI11-01 "exhaust slip joint inspection". Replaced four heatshield clamps with new (P/N: 10028H). Ground ran engine, leak check good. No defects noted at this time. All work completed in accordance with Cirrus SR22 Maintenance Manual. -END

This airframe is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565



ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **990** AIRCRAFT: **N518BP** HOBBS: **1586.6** TTAF: **1586.6**

DATE: **03/26/2016**

MODEL: **Cirrus SR22** S/N: **2683**

Replaced the main battery with new (P/N: 7243-14, S/N: G02918233). Ops check good. All work completed in accordance with Cirrus SR22 Maintenance Manual. -END

This airframe is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565



ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **1038** AIRCRAFT: **N518BP** FL HOBBS: **1501.3** TTAF: **1501.3**

DATE: **06/17/2016**

MODEL: **Cirrus SR22** S/N: **2683**

Removed the turbo controller for repair by Main Turbo Systems (CRS# MAMR190K, WO# 51316). Reinstalled repaired controller (P/N: 4706988-0005, S/N: KHN00144). Replaced both wastegates with overhauled units from Main Turbo Systems; master (P/N: 470842-0004, S/N: KHN00210), slaved (P/N: 477233-0003, S/N: 51277). Rigged cable assembly. Replaced all four wastegate gaskets (P/N: 652457) and the MAP sensor (P/N: 12635-003) with new. Ground ran engine, leak and ops check good. All work completed in accordance with Cirrus SR22 Maintenance Manual. -END

This airframe is approved for return to service, for only the work performed.

Peter E McClure A&P 3657637



ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **1073** AIRCRAFT: **N518BP** FL HOBBS: **1502.4** TTAF: **1502.4**

DATE: **07/22/2016**

MODEL: **Cirrus SR22** S/N: **2683**

Removed the propeller governor for overhaul by American Propeller Service (CRS# NO3R717L, WO# 20793-07-2016). Reinstalled overhauled governor (P/N: C290D3-R/T23, S/N: 070572) with new gasket and adjusted rigging as needed. Replaced the following parts with new: four exhaust heat shields (two P/N: ETI-G2-20-21, one each P/N: ETI-G2-20-22 & ETI-G2-20-23), R/H upper strut fairing (P/N: 18139-002), R/H MLG lower grommet (P/N: 18362-001), L/H MLG lightning strap (P/N: 18562-001), R/H fuel tank vent access panel (P/N: 19003-001), and TKS warning placard (P/N: 21743-001). Replaced induction air filter with new (P/N: 33-2022) IAW TAT SI 08-05 Rev A. C/W SB 2X-32-19R3 "Nose landing gear assembly upper gusset plate inspection". C/W Tornado Alley Turbo system and Precise Flight oxygen system instructions for continued airworthiness. Serviced all wheel bearings. Serviced aviator's breathing oxygen to 1900PSI. Adjusted aileron and elevator cable tensions as needed. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. No defects noted at this time. I have performed an operational check and inspection on this ELT in accordance with FAR 91.207D and it has been determined to be in an airworthy condition. ELT battery expiration date: 09/2018. ELT remote switch battery expiration date: 06/2020. Verified AD's current through FAA AD biweekly 2016-14. All work completed in accordance with Cirrus SR22 Maintenance Manual. -END

I certify that this airframe has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

Peter E McClure A&P / IA 3657637



Date 12/8/2016

Airframe Logbook Entry

AIRCRAFT: N 518BP

W/O# 15739

CRS AWKR298C

S/N: 2683

25170 Aviation Ave., Davis, CA 95616

Tach 1542.80 INSTALLED NEW RIGHT AND LEFT BRAKE LININGS. REINSTALLED FORWARD INDUCTION Y AFTER WELD REPAIR. INSTALLED NEW HEATER SCHEET DUCT TO INTERCOOLER. REMOVED PROP, INSTALLED NEW O-RING , REPOSITIONED AND TORQUED PER HARTZELL MANUAL. LEAK CHECK GOOD.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed:

Shawn Matthies AWKR298C



Date 3/16/2017

Airframe Logbook Entry

AIRCRAFT: N 518BP

W/O# 15861

CRS AWKR298C

S/N: 2683

25170 Aviation Ave., Davis, CA 95616

Tach 1553.3 COMPLIED WITH CIRRUS AIRFRAME PARACHUTE SYSTEM (CAPS) 10 YEAR REPLACEMENT BY COMPLYING WITH CIRRUS SB 2X-95-18R3 CAPS ROCKET MOTOR REPLACEMENT. REMOVED CAPS PARACHUTE CDC P/N 20331-001/C, S/N 02975, AND CAPS ROCKET MOTOR P/N 21814-001, S/N 3712. INSTALLED REBUILT PARACHUTE CDC P/N 25574-004REV B, S/N 02675R1, DUE DATED 02/27/2027. ASSEMBLED NEW ROCKET MOTOR KIT P/N 29554-001, S/N 2252, DUE DATED 02/27/2027. INSTALLED ROCKET WITH NEW FRANGIBLE LINK P/N 29705-002 REV C, S/N 3605. PERFORMED INSTALLATION AND ELECTRICAL ACTIVATION SYSTEM CHECKS PER CIRRUS SB 2X-95-18R3 AND COMPONENT MAINTENANCE MANUAL FOR THE SR22 / SR22T CIRRUS AIRFRAME PARACHUTE SYSTEM, P/N 15994-001, REV E3. DATED JAN 2016.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed:

Shawn Matthies AWKR298C

Date 9/1/2017

W/O# 16159



Airframe Logbook Entry AIRCRAFT: N 518BP

CRS AWKR298C

S/N: 2683

25170 Aviation Ave., Davis, CA 95616

Tach / Flight 1578.7 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

TTAF 1578.7 COMPLIED WITH CIRRUS SB2X-32-19R3, NOSE LANDING GEAR UPPER GUSSET PLATE INSPECTION.

Eng, TSN 1578.7 COMPLIED WITH CIRRUS SB2X-28-12 ELECTRIC FUEL BOOST PUMP INSPECTION.

Eng TSO N/A COMPLIED WITH CIRRUS MANDATORY SB2X-52-08R2 PASSENGER & CREW DOORS CATCHER/DIVERTER AND GAS STRUT METAL ROD END INSTALLATION.

Prp TSN 1578.7 COMPLIED WITH CIRRUS MANDATORY SB2X-57-13R2, LOWER LANDING GEAR ATTACH BRACKET TORQUE CHECK. ADJUSTED GAP MEASUREMENT TO SPEC.

Prp TSO 76.3 COMPLIED WITH TAT SI08-1, 50 HOUR INSPECTION AND CLEANING OF CRANKCASE BREATHER FITTING. COMPLIED WITH TAT SI08-04 RECOMMENDED ANNUAL EXHAUST HEAT AUGMENTER / TAILPIPE ASSEMBLY FOR SIGNS OF CRACKING. COMPLIED WITH TAT SI08-05, 100 HOUR INSPECTION AND CLEANING OF INDUCTION SYSTEM FILTER. COMPLIED WITH TAT SB09-01, 50 HOUR INSPECTION OF THE EXHAUST MANIFOLD FLANGE. COMPLIED WITH TAT SB10-01, BY INSPECTION OF THE HINGE PIN ENDS FOR RETENTION. INSPECTED ALTERNATE AIR DOOR FOR CRACKS, LOOSE RIVETS AND OR MISSING RETENTION METHODS. COMPLIED WITH TAT SB11-01, ANNUAL EXHAUST SYSTEM INSPECTION. COMPLIED WITH TAT SB11-03, ANNUAL TURBO SUPPORT INSPECTION. COMPLIED WITH TAT SB11-04, ANNUAL TURBO OIL INLET SCREEN INSPECTION. REMOVED, CLEANED AND INSTALLED TURBO INLET SCREENS. COMPLIED WITH TAT SB12-02, ANNUAL ENGINE DRIVEN FUEL PUMP INSPECTION. COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER. COMPLIED WITH PRECISE FLIGHT O2 SYSTEM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. REINSTALLED AFTER HYDROSTATIC TEST PERFORMED BY C & L AERO, REDDING, CA; CRS# LOJR785Y, WORK ORDER# 00959. SERVICED WITH OXYGEN TO 1850 PSI. NO LEAKS NOTED. NEXT HYDROSTATIC CHECK DUE: 8/2022. COMPLIED WITH 10 YEAR MANDATORY REPLACEMENT OF ENGINE COMPARTMENT FLEXIBLE FLUID CARRYING HOSES. NEXT DUE: 8/2027. COMPLIED WITH 500 HR ENGINE MOUNT WELDMENT AND LOWER MOUNT ATTACH FITTING ATTACH BOLT TORQUE CHECK. ADJUSTED PILOTS YOKE SECONDARY ELEVATOR UP STOP. INSTALLED NEW FLIGHT METER PRESSURE SWITCH. RESEALED UPPER FUSELAGE ANTENNAS. INSTALLED NEW LEFT AND RIGHT AILERON GAP SEALS. INSTALLED NEW RIGHT TIRE P/N 070-449-0 S/N 6231S00140 AND TUBE. INSTALLED NEW RIGHT MAIN BRAKE DISC AND LININGS. SEALED BAFFLING. INSTALLED NEW COWL SEALS. INSTALLED NEW OIL DOOR HINGE. INSTALLED NEW LANDING LIGHT LENS. INSTALLED NEW LEFT AND RIGHT TURBO SUPPORT WEAR SLEEVES. INSTALLED NEW SLAVE WASTEGATE CONTROL ARM CLEVIS PINS. REMOVED ALT 2 P/N BC410-1 S/N 04076078. INSTALLED NEW ALT 2 P/N BC410-1 S/N 1C70N6L56K WITH NEW GASKET. INSTALLED NEW PILOTS DOOR UPPER LATCH ADJUSTED ARM GAP AND CABLE TENSION FOR BOTH UPPER AND LOWER LATCHES.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed:

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed

Shawn Matthies AWKR298C

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 9/2018 Signed:

Shawn Matthies AWKR298C



Date 9/1/2017

Airframe Logbook Entry

AIRCRAFT: N 518BP

W/O# 16159

CRS AWKR298C

S/N: 2683

25170 Aviation Ave., Davis, CA 95616

Tach 1578.7 TESTED DUAL ALTIMETER, ALTITUDE REPORTING SYSTEM, PITOT/STATIC SYSTEM, AND TRANSPONDER SYSTEM PER FAR 43, APPENDICES E AND F. THOSE SYSTEMS MET REQUIREMENTS OF FAR 91.411 AND 91.413 FOR NON-PRESSURIZED AIRCRAFT TO 25,000 FEET.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed:


Shawn Matthies AWKR298C