

ME15CP

AIRCRAFT LOG
AF5-1



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER F3975

PRIMER _____

COLOR FBC 92813

COLOR _____

COLOR _____

CLEAR F3905

Aw

11/2/2006

Aircraft Log
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TC # A00009CH

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AIRCRAFT DESCRIPTION

MANUFACTURER	CIRRUS DESIGN CORP.	MODEL	SR-20	DATE OF MFG.	Nov, 06
SERIAL NUMBER	1741	REGISTRATION NUMBER	N215CP		
REGISTERED OWNER					
STREET ADDRESS					
CITY, STATE, ZIP					
OPERATOR					
STREET ADDRESS					
CITY, STATE, ZIP					
REGISTERED OWNER					
STREET ADDRESS					
CITY, STATE, ZIP					
OPERATOR					
STREET ADDRESS					
CITY, STATE, ZIP					

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-360ES6B	R	360266
ENGINE			L	
PROPELLER	HARTZELL PROPELLER INC.	PHC-33VF-1RF	R	FP5055B
PROPELLER			L	
ENGINE	1			
ENGINE				
PROPELLER				
PROPELLER				
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PROPELLER				
ENGINE				
ENGINE				
PROPELLER				
PROPELLER				

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

AIRWORTHINESS DIRECTIVE /FACTORY BULLETIN COMPLIANCE RECORD


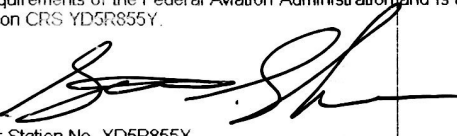

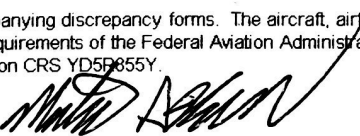
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ALTIMETER & STATIC SYSTEM CHECKS


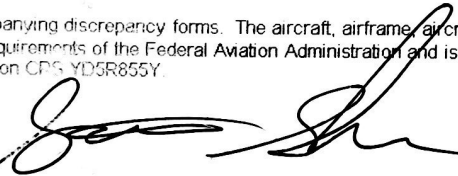
F.A.R. 91.411

[illegible]

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
MAKE: Cirrus MODEL: SR20-G2 S/N: 20-1741 REG. NO: 215CP WORK ORDER: 8326-01-2007		Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3101	DATE: 2/1/2007 A/C TSN: 10.2 HOBBS: 10.2
Airframe Entries (1) Lubricated Lh door lock assembly IAW CDC AMM 12-20 ... (2) Updated MFD to current Rev. 6.2.1 IAW manufactures instructions ... (3) Installed new MLG wheel pants p/n 15311-006 and 15311-005 per CDC SR-20 AMM 32-10. Installed nose wheel pant and fairing p/n: 15312-002 and 15563-002 per CDC SR-20 AMM 32-20 ... (4) Installed XMC050 remote p/n 16665-502 and programed to the receiver (link id # 61) IAW CDC AMM 34-40 ... (7) Removed CAPT stripe package and installed Bahama blue package IAW CDC AMM CH 51-20, 20-30 ... (8) Repainted R/H and L/H wing tips white IAW CDC AMM CH 51-20. 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: 2/1/2007	SIGNED:  Scott Schelde Certified Repair Station No. YD5R855Y		Work Order: 8326-01-2007 Printed by EBis 3 (datcomedia.com)
MAKE: Cirrus MODEL: SR20-G2 S/N: 20-1741 REG. NO: 215CP WORK ORDER: 8418-02-2007		Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3101	DATE: 2/14/2007 A/C TSN: 10.2 HOBBS: 10.2
Airframe Entries (1) C/W SB 2X-71-04 R3 by installing winter kit P/N 70102-002, and adding a winter kit supplement to the POH. IAW supplied instructions of SB 2X-71-04 R3. 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: 2/14/2007	SIGNED:  Mitch Knase Certified Repair Station No. YD5R855Y		Work Order: 8418-02-2007 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
MAKE: Cirrus MODEL: SR20-G2 S/N: 20-1741 REG. NO: 215CP WORK ORDER: 8422-02-2007		Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, Min 55811 Phone 218-788-3301	DATE: 2/15/2007 A/C TSN: 13 HOBBS: 13
Airframe Entries (1) Adjusted cold air valve for proper environmental system operation IAW standard maint. practices.			
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 CPS YD5R855Y.			
DATE: 2/15/2007	SIGNED:  Scott Schelde Certified Repair Station No. YD5R855Y		Work Order: 8422-02-2007 Printed by EBis 3 (datcomedia.com)





**Inspected Airframe IAW Cirrus Design 100hr Checklist.
Performed ops checked, No defects noted.**

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed:  Dated: 4/06/07 N#: 215CP
 Bill Dealy, A&P 3711468
 Tach: 130.5 TSMOH: _____ For more info see w/o# 3457
 145 John Glenn Drive, Concord, CA. 94520T: (925) 676-2100
 F:(925) 676-5580


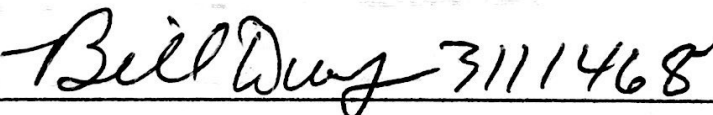

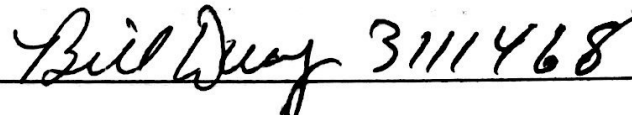
AFT TIME SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SER
	<p>STERLING</p> <p>Replaced pressure switch for flight timer with new part # 14128-001.</p> <p>*****END*****</p> <p>The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.</p> <p>Signed: <u>Michael A. Hagan</u></p> <p>Dated: 6-22-07 N#: N215CP</p> <p>Tach: N/A TTSN: 364.8</p> <p>HOBBS: 364.8 For more info see w/o #32927</p> <p>FAA Repair Station Certification # WQ3R954L</p> <p>101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580</p>	

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE WORK PERFORMED/RETURNED
		 <p>COASTAL AIR MAINTENANCE Repair Station P5GR276K a division of PCF AVIATION LLC</p> <p>Date: 1 September 2007 Tach: 415.2 Tail #: N215CP Cirrus SR20 S/N: 1741 TTAF: 415.2</p> <p>1. Replace Nose Wheel w/new 500x5x6 Goodyear Flt Custom III & Tube 500x5 Michelin.</p> <p>All work has been performed in accordance with manufacturer's current data and FAA regulations. Pertinent details of this work are on file under work order #20528 at Coastal Air Maintenance, R/S #P5GR276K, 985 Airport Drive, San Luis Obispo CA 93401 (805)</p> <p> Authorized Individual: Chrissy Lesicka – A&P Mechanic - P5GR276K</p>	



MAINTENANCE RECORD

F.A.R. 43.9

CE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	MAKE: Cirrus MODEL: SR-20 S/N: 1741 REG. NO: N215CP WORK ORDER: 4169-09-2007	 Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100		DATE: 9/20/2007 A/C TSN: 439.3 TACH: 439.3
	Airframe Entries Performed 100hr inspection IAW Cirrus Design scheduled maintenance check list.... Remove alternator (1) Sent out for insp. and or repair IAW manufacturers approved instructions for Continued Airworthiness. Reinstall overhauled alternator. OPS check OK.... Performed a 500HR. inspection and service IAW TCM Instructions. Found that the points in RH & LH magnetos needed point replacement. Replace points and reinstall mags set timing to 24 degrees. P/Ns M3081 (2)... R&R RH brake pads. 4 066-10500 pads... R&R LH brake pads with new P/N 066-10500 4 pads... Installed oil breather insulation sleeve IAW SB2X-71-10R1. parts- 1 WDG Adel clamp #20, 3ft. of Stataflex sleeve P/N 2650-18 AS1072... Performed IAW SB 2X-27-14 R2, 2 screws AN525-10R12, AN3-5 bolt, MS24665-132 cotter pin, MS17825-3 Nut, 2 washers NAS1149F0363P... Replace nut and bolt... Pulled trim to access visor shaft and found visor shaft bracket broken. Will order part.... Inspected Heat exchanger IAW SB OK.... Remove bracket and stop drill, check at next service date.			
	Maintenance Release The aircraft and/or component(s) on N215CP 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. 4169-09-2007, Dated 9/20/2007.			
	DATE: 9/20/2007	SIGNED: 	Work Order: 4169-09-2007	
	MAKE: Cirrus MODEL: SR-20 S/N: 1741 REG. NO: N215CP WORK ORDER: 4194-10-2007	 Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100		DATE: 10/19/2007 A/C TSN: 493.1 TACH: 493.1
	Airframe Entries Performed 50hr. Insp. IAW Cirrus Design maintenance check list.			
	Maintenance Release The aircraft and/or component(s) on N215CP 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. 4194-10-2007, Dated 10/24/2007.			
	DATE: 10/19/2007	SIGNED: 	Work Order: 4194-10-2007	

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
ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4169-09-2007	 Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 9/20/2007 A/C TSN: 439.3 ENG TT: 439.2 TACH: 439.3	
Engine Entries Comp check at 80 psi. #1-74#6-68#3-68#2-72#5-70#4-72. Insp. of old oil filter no metal found. #5 bottom spark plug bad, replace with new. Clean and insp. fuel injectors. Performed insp. and service IAW Cirrus Design AMM. 8 qts. 15W-50 oil, 1 CH48108-1 filter, 1 MS29513 o-ring, 1 NAS1523-8B stato seal, 11 spark plug gaskets, 1RHM 38E spark plug, 1 BA-24 Induction filter			
Maintenance Release The aircraft and/or component(s) on N215CP 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. 4169-09-2007, Dated 9/20/2007.			
DATE: 9/20/2007		SIGNED: <i>Bill Deaf 3111468</i>	
		Work Order: 4169-09-2007 Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4194-10-2007	 Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 10/19/2007 A/C TSN: 493.1 ENG TT: 439.2 TACH: 493.1	
Engine Entries Changed oil and filter, Inspected old oil filter, no metal found. 8qts 15W-50 oil, 1 CH48108-1 filter, 1 MS29513-137 o-ring, 1 NAS1523-8B stato-seal			
Maintenance Release The aircraft and/or component(s) on N215CP 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. 4194-10-2007, Dated 10/24/2007.			
DATE: 10/19/2007		SIGNED: <i>Bill Deaf 3111468</i>	
		Work Order: 4194-10-2007 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
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STERLING

145 JOHN GLENN DRIVE
CONCORD, CA. 94520
T: (925) 676-2100 F: (925) 676-5580

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED
IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.

SIGNED: Michael J Bruno DATE: 11/29/07
MICHAEL J BRUNO, IA2585871

TTIS: 630.8 TSMOH: REG.# N215CP

STERLING

TTIS
528.5

Form #: SA-108

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.

ELT Part #: E-D1

Battery Installed:

Date: 11/20/2007

Signed: Glenon

ELT Serial #: 50504

Battery Due: 3/2013

Work Order #: 33282

Reg. #: N215CP

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
4367-03-2008

STERLING

Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 3/6/2008
A/C TSN: 862.3
HOBBS: 752.3

Airframe Entries

Airframe 100 hour inspection IAW FAR 91.409 (b) complied with using Cirrus Design checklist and FAR 43 appendix D.... FAR 91.417(2)(v) Airworthiness
Directive (A.D.) research and inspection for continued airworthiness complied with.... Pilots top corner door trim secured.... Alternate air intake scat
ducting sealed and protected with high temperature sealant.... Right muffler shroud baffle welded in place. Muffler pressure leak checks normal.
Installation and fit check normal.... Left MLG wheel fairing bracket replaced.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4367-03-2008, Dated 3/6/2008.


DATE: 3/6/2008

SIGNED:

Work Order: 4367-03-2008

Printed by EBis 3 (datamedia.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
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  </div> <div style="width: 65%;"> <p>145 JOHN GLENN DRIVE CONCORD, CA. 94520 T: (925) 676-2100 F: (925) 676-5580</p> </div> </div> <p>I CERTIFY THAT THIS PROP HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>SIGNED: <u><i>Michael J Bruno</i></u> DATE: <u>11/29/07</u> MICHAEL J BRUNO, IA2585871</p> <p>TTIS: <u>630.8</u> TSMOH: <u>—</u> REG.# <u>N215CP</u></p>			

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
4367-03-2008



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 3/6/2008
A/C TSN: 862.3
PROP TT: 690.3
HOBBS: 752.3

Prop Entries

Propeller 100 hour inspection complied with using Cirrus Design checklist and FAR 43 appendix D. Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4367-03-2008, Dated 3/6/2008.

DATE: 3/6/2008

SIGNED: *Steve Church*

Steve Church, A&P: 3099312 IA

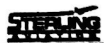
Work Order: 4367-03-2008

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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ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
4237-11-2007



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 11/29/2007
A/C TSN: 630.8
ENG TT: 630.8
TACH: 630.8

Engine Entries

Comp. check. #1-72 #3-70 #5-72 #2-72 #4-72 #6-70. using 80 psi. Insp. Removed and inspected old oil filter, no metal found. Removed fuel injectors, cleaned and insp. reinstalled. Serviced engine with 8qts 15W-50 oil and CH48108-1 filter
All insp. and service done IAW Cirrus Design AMM. Ground ran leak checked, no defects noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4237-11-2007, Dated 11/29/2007.

DATE: 11/29/2007

SIGNED:

Bill Weary A/P 3111468

Work Order: 4237-11-2007

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MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
4237-11-2007



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 11/29/2007
A/C TSN: 630.8
TACH: 630.8

Airframe Entries

Performed the annual airframe insp. and service IAW Cirrus Design AMM checklist. Complied with all mandatory Cirrus Service Bulletins.... Remove clamp insp. clean and reinstall. ops check ok.... Remove 4 rivets to access cabin heat scat tubing neck, repair neck, reinstall. PUT LONGER SCAT TUBING IN TO RELIEVE STRESS ON NECK>... R&R air valve with new... R&R 8 wellnuts with new.... Perform IAW ~~SB2X-27-14R3~~ Cirrus Design OPS check OK... Clean area, and rebond.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4237-11-2007, Dated 11/29/2007.

DATE: 11/29/2007

SIGNED:

Bill Weary A/P 3111468

Work Order: 4237-11-2007

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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ENGINE MODEL:
IO-360ES68
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
4356-02-2008



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 2/27/2008
A/C TSN: 732
ENG TT: 732
HOBBS: 622

Engine Entries

Engine oil and filter drained. Engine serviced with 8 qts of Aeroshell 15W-50 oil, and CH48108-1 filter. Old filter cut open and inspected, no contamination noted. Engine ground operation reveals normal operation and no leaks at this time.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4356-02-2008, Dated 2/27/2008.

DATE: 2/27/2008

SIGNED:

Bill Dealy, A&P: A&P 3111468

Work Order: 4356-02-2008

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-360ES68
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
4371-03-2008



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 3/11/2008
A/C TSN: 862.3
ENG TT: 862.3
HOBBS: 752.3

Engine Entries

Troubleshoot engine running rough, perform compression check. #1 72/80 - #2 70/80 - #3 72/80 - #4 75/80 - #5 74/80 - #6 70/80. checked fuel injectors and fuel system. operating at normal condition. no defects noted. checked spark plug, found 10 worn over limits. replaced 10 spark plugs. performed ground run up, checked good. operating at normal condition.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4371-03-2008, Dated 3/11/2008.

DATE: 3/11/2008

SIGNED:

Bill Dealy A&P 61194208

Work Order: 4371-03-2008

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

DATE OF	AIRCRAFT TYPE	DESCRIPTION OF WORK PERFORMED	AGENCY & CERTIFICATE NO. IED/RETURNED TO SERVICE
MAKE: Cirrus MODEL: SR-20 S/N: 1741 REG. NO: N215CP WORK ORDER: 4506-06-2008	STERLING Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100		DATE: 6/13/2008 A/C TSN: 739.7 HOBBS: 870.2

Airframe Entries

Airframe 100 hour inspection for 2008 airworthiness recertification IAW FAR 91.409 (b) complied with using Sterlings checklist and FAR 43 appendix D. Internal and external structural integrity visually inspected. Exposed hinges, bearings and rodends lubricated. Functional components operationally checked. normal. ** Avionics ground operation checks normal. See the following corrected discrepancies. Hobbs 870.2 Flight 739.8... Replaced RH main tire with new 15x600-6 flight custom III tire.... FAR 91.207 ELT function test and battery inspection complied with for continued airworthiness by Sterling Avionics.... Airbag restraint system tested pass, using the AAIR system diagnostic Tool. P/N 508987-401.... Reattach the heater box neck to the box.... Reattach wing root fairing on the bottom of the LH side.... Fire Extinguisher monthly inspection complied with IAW Cirrus Design MM, Ch. 5. Fire Extinguisher weight and visual inspection check normal.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4506-06-2008, Dated 6/17/2008.

DATE: 6/13/2008

SIGNED: *Bill Duany AP 3111468*

Work Order: 4506-06-2008

ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
4506-06-2008

STERLING
Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 6/13/2008
A/C TSN: 739.7
ENG TT: 870.2
HOBBS: 870.2

Engine Entries

Engine 100 hour inspection for 2008 airworthiness recertification complied with using Sterlings checklist and FAR 43 appendix D. Compression check reveals 1-72/80, 2-67/80, 3-64/80, 4-65/80, 5-70/80, 6-68/80 with base line of 80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4506-06-2008, Dated 6/17/2008.

DATE: 6/13/2008

SIGNED: *Bill Duany AP 3111468*

Work Order: 4506-06-2008

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
PROP MODEL: PHC-J3YT-1RF PROP S/N: FP5055B REG. NO: N215CP WORK ORDER: 4506-06-2008	<u>STERLING</u> Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 6/13/2008 A/C TSN: 739.7 PROP TT: 870.2 HOBBS: 870.2	
Prop Entries Propeller 100 hour inspection for 2008 airworthiness recertification complied with using Sterlings checklist and FAR 43 appendix D. Propeller ground operation after inspection and servicing was normal with no oil leaks noted.			
Maintenance Release The aircraft and/or component(s) on N215CP 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 under Work Order No. 4506-06-2008, Dated 6/17/2008.			
DATE: 6/13/2008	SIGNED: <i>Bill Dewey ATP 3111468</i>		Work Order: 4506-06-2008

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STERLING

Replaced pressure switch for flight timer with new part # 14128-001.

*****END*****

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: *Michael A. Wagner*

Dated: 7-16-08

N#: N215CP

Tach: N/A

TTSN: 781.3

HOBBS: 781.3

For more info see w/o #33658

FAA Repair Station Certification # WQ3R954L

101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580

MAINTENANCE RECORD F.A.R. 43.9

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
4616-08-2008



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 8/29/2008
A/C TSN: 835.6
TACH: 835.6

CERTIFICATE NO.
1/RETURNED TO SERVICE

Airframe Entries

Internal and external structural integrity visually inspected. Exposed hinges, bearings and rodends lubricated. Functional components operationally checked. Avionics ground operation checks normal. See the following corrected discrepancies.... FAR 91.207 ELT function test and battery inspection complied with for continued airworthiness by Sterling Avionics. Due date for battery March 2013... Complied AD2007-26-09 visual inspection. Propeller blades are in compliance by identified "R" ink stamped on the camber side of blade. Paragraph (H, line 2).... Complied AD 2008-11-08 by performed pressurizing exhaust system. I.A.W. S.B. 2X-78-07 R1, no defects noted. next due at 935.6 FLT. Time meter.... Seat restraint system passed using Tool Kit p/n 508987-401... Right magneto timing is off 4 degrees. re-timed magnetos to engine in accordance with TCM service bulletin # MSB94-8C. Both left and right magneto timing is set at 24 degrees BTDC. Ground run and operations check normal.... Ignition wires chafing on throttle cable. Routed and secured ignition wires away from cables. operation normal.... Propeller governor cable end stiff/worn. Replaced worn propeller governor rod end, and performed ops check. (P# HF3M)... Crankcase vent line chafing on fuel injection lines. Installed adel clamps on crankcase vent tube, to separate tube from fuel line.... Right side main wheel pant mounting bracket broken. Removed right hand wheel assembly and replace broken wheel fairing bracket. (P#17205-002)... R&R LH&RH brake pads with new p/ns 066-10500... Replaced wheel felt in left hand wheel assembly. (P#154-00600)... Repaired co-pilots vent valve assembly, ops check good.... Removed glare shield and installed #2 gps antenna back on glare shield.... SB 2X-32-18 Complied with by visual insp. Next insp. due flight time 885.6... Determined to be previously complied with . 8/28/08 Hobbs 987.1 Flight 835.6... Determined to be previously complied with. 8/28/08 Hobbs 987.1 Flight 835.6

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4616-08-2008, Dated 9/2/2008.

DATE: 8/29/2008

SIGNED: *B. P. W. A. P. 3111468*

Work Order: 4616-08-2008

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
4616-08-2008



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 8/29/2008
A/C TSN: 835.6
PROP TT: 835.6
TACH: 835.6

Prop Entries

Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4616-08-2008, Dated 9/2/2008.

DATE: 8/29/2008

SIGNED: *B. P. W. A. P. 3111468*

Work Order: 4616-08-2008

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATION WORK PERFORMED/RETURNED
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MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
4684-10-2008



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 10/10/2008
A/C TSN: 835.6
TACH: 835.6

Airframe Entries

Troubleshoot, performed ground run up. check compression #3 cyl. 64/80 & # 5 cyl. shows 64/80. R & I fuel injectors # 3 & #5 inspect and cleaned. no defects noted. magneto drops both at 100 rpm. no adjustment made at this time.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4684-10-2008, Dated 10/14/2008.

DATE: 10/10/2008

SIGNED:

[Signature] ABEP 611942051

Work Order: 4684-10-2008

42

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 DISSAPPROVING AIRCRAFT FOR SERVICE
29 OCT 2006	9.2	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90500.</p> <p>Name: Bryce L. Ballard Date <u>29 OCT 2006</u></p> <p>Signature: <u>[Signature]</u></p> <p>Title: Production Flight Test Pilot</p>
NOV-02-2006	9.2	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>NOV / 02 / 2006</u>.</p> <p>The next inspection is due <u>NOV / 30 / 2007</u>.</p> <p><u>[Signature]</u></p> <p>PAUL R. SITKO ODARF-405228-CE</p>

INSPECTION REPORT F.A.R. 43.11-91.409

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

DATE AIRCRAFT TIME
IN SERVICE

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
4724-11-2008



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 11/14/2008
A/C TSN: 936.5
TACH: 936.5

Airframe Entries

Internal and external structural integrity visually inspected. Exposed hinges, bearings and rodends lubricated. Functional components operationally checked. Avionics ground operation checks normal. See the following corrected discrepancies.... Remove #1 alternator, send out for overhaul, reinstall.... Remove RH muffler send out for repair. Pressure leak check and reinstall muffler.... R&R LH main tire with new Goodyear Flight Special 2... Performed restraint system test using diagnostic tool p/n 508987-401, ops check good.... Remove magnetos, send out for overhaul. Install new magnetos model no. 6314, Timed mags to 24 degrees IAW TCM MM, ops check good.... FAR 91.417(2)(v) Airworthiness Directive (A.D.) research and inspection for continued airworthiness complied with. See the following complied with A.D.'s.... Fire Extinguisher monthly inspection complied with IAW Cirrus Design MM, Ch. 5. Fire Extinguisher weight and visual inspection check normal.... Charge #2 batteries IAW Cirrus Design MM CH 24-30, R&R #2 batteries with new in A/C, ops check good. p/n 50979-001 Replacement due 11/06/2010... AD71-06-08 does not apply due to part number.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4724-11-2008, Dated 11/14/2008.

DATE: 11/14/2008

SIGNED:

Bill Deary ATP 3111468

Work Order: 4724-11-2008

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
4724-11-2008



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 11/14/2008
A/C TSN: 936.5
PROP TT: 936.5
TACH: 936.5

Prop Entries

Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4724-11-2008, Dated 11/14/2008.

DATE: 11/14/2008

SIGNED:

Bill Deary ATP 3111468

Work Order: 4724-11-2008

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE AIRCRAFT TIME IN SERVICE SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
4790-12-2008

STERLING

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 12/18/2008
A/C TSN: 992.2
ENG TT: 992.2
TACH: 992.2

Engine Entries

Drained engine oil, removed old oil filter, cut open old filter and found no contaminants at this time. Serviced engine with 8qts of Aeroshell 15W-50 oil, installed a CH48108-1 oil filter, performed a ground run-up, no oil leaks noted at this time Hobbs 1167.2 Flight T 992.2

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4790-12-2008, Dated 12/18/2008.

DATE: 12/18/2008

SIGNED:

Bill Dwyer ARP 3111468

Work Order: 4790-12-2008

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
4811-01-2009

STERLING

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 1/7/2009
A/C TSN: 1006.7
TACH: 1006.7

Airframe Entries

Internal and external structural integrity visually inspected. Exposed hinges, bearings and rodends lubricated. Functional components operationally checked. Avionics ground operation checks normal. See the following corrected discrepancies.... FAR 91.417(2)(v) Airworthiness Directive (A.D.) research and inspection for continued airworthiness complied with. See the following complied with A.D.'s.... Performed 100 Hrs restraint system test, passed using AAIR System tool p/n 508987-401... Re-assemble passenger air vent control and re-installed. ops check, good.... Fire Extinguisher monthly inspection complied with IAW Cirrus Design MM, Ch. 5. Fire Extinguisher weight and visual inspection check normal.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4811-01-2009, Dated 1/7/2009.

DATE: 1/7/2009

SIGNED:

Paul Harris ARP 209426857

Work Order: 4811-01-2009

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
4811-01-2009

STERLING

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 1/7/2009
A/C TSN: 1006.7
PROP TT: 1006.7
TACH: 1006.7

Prop Entries

Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4811-01-2009, Dated 1/7/2009.

DATE: 1/7/2009

SIGNED

D. Martin 187204426857

Work Order: 4811-01-2009

ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
4811-01-2009

STERLING

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 1/7/2009
A/C TSN: 1006.7
ENG TT: 1006.7
TACH: 1006.7

Engine Entries

Compression check reveals 1-60/80, 2-65/80, 3-52/80, 4-50/80, 5-56/80, 6-23/80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.... Replaced new alternate induction housing. during ground run up, check good.... Replaced new induction air filter housing cover P/N-12679-002.... Pilot test flight, and perform new compression test shows 56/80 PSI.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4811-01-2009, Dated 1/7/2009.

DATE: 1/7/2009

SIGNED

D. Martin 187204426857

Work Order: 4811-01-2009

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 DISSAPPROVING AIRCRAFT FOR SERVICE

STERLING

I CERTIFY THAT THIS AIRFRAME HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:

Michael Bruno, IA 2585871

DATE: 1/7/09

TTIS: 1006.7 TSMO: REG # N215CP

145 JOHN GLENN DR CONCORD, CA 925-676-2100

STERLING

I CERTIFY THAT THIS ENGINE HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:

Michael Bruno, IA 2585871

DATE: 1/7/09

TTIS: 1006.7 TSMO: REG # N215CP

145 JOHN GLENN DR CONCORD, CA 925-676-2100

STERLING

I CERTIFY THAT THIS PROPELLER HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:

Michael Bruno, IA 2585871

DATE: 1/7/09

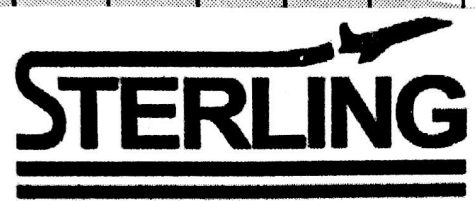
TTIS: 1006.7 TSMO: REG # N215CP

145 JOHN GLENN DR CONCORD, CA 925-676-2100

SECTION - STATUS & DISCREPANCY LIST
PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

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CP



I CERTIFY THAT THIS PROPELLER HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: Michael Bruno
Michael Bruno, IA 2585871


DATE: 1/7/09

TTIS: 1006.7 TSMO: REG # N215LP

145 JOHN GLENN DR CONCORD, CA 925-676-2100

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
 <p>STERLING</p> <p>TTIS 1006.5</p> <p>Form #: SA-108</p> <p>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.</p>		<p>Sterling Avionics</p> <p>FAA Repair Station WQ3R954L</p> <p>Buchanan Field Airport</p> <p>101 John Glenn Drive</p> <p>Concord, CA 94520</p> <p>Tel: (925) 676-2100</p>	
<p>ELT Part #: ACK-201</p> <p>Battery Installed:</p> <p>Date: 01/06/2009</p> <p>Signed: <i>Shen</i></p>		<p>ELT Serial #: 56504</p> <p>Battery Due: 03/2013</p> <p>Work Order #: 33960</p> <p>Reg. #: N215CP</p>	

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
4837-01-2009



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 1/23/2009
A/C TSN: 1026.4
TACH: 1026.4

Airframe Entries

R&R Flap down relay with new p/n 0332 209 204.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4837-01-2009, Dated 1/23/2009.

DATE: 1/23/2009

SIGNED:

Bill Dwyer APP 3111468

Work Order: 4837-01-2009

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE AIRCRAFT TIME IN SERVICE SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
4871-02-2009



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 2/17/2009
A/C TSN: 1062.1
ENG TT: 1062.1
TACH: 1062.1

Engine Entries

Change oil and filter. Inspected filter for metal. None noted. Service engine with Aeroshell 15-50w. Perform leak check.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4871-02-2009, Dated 2/17/2009.

DATE: 2/17/2009

SIGNED: 

Work Order: 4871-02-2009

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
4884-02-2009



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 2/26/2009
A/C TSN: 1072.6
TACH: 1072.6

Airframe Entries

Remove copilot's interior to door. Replace bottom door locking mechanism. Performed ops check.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4884-02-2009, Dated 2/26/2009.

DATE: 2/26/2009

SIGNED: 

Work Order: 4884-02-2009

Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C



Airframe

Date: 3/31/2014; Aircraft: N215CP; Type: SR20; S/N: 1741; Hobbs: 3049.6; Tach: 2874.5; Total Time: 2874.5
Shop Order #: 14-16818

Removed upper and lower engine cowl to gain access to fuel drain. removed and replaced fuel drain valve with new P/N 440200. Re-installed cowl and and leak checked with satisfactory results.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

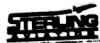
Signed: _____
Pacific States Aviation, Inc. Repair Station No. CPFR948C

50

INSPECTION RECORD F.A.R. 43.11-91.409

DA

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
4904-03-2009



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

RVIC
DATE: 3/18/2009
A/C TSN: 1108.3
TACH: 1108.3

Airframe Entries

Airframe 100 hour inspection for 2009 airworthiness recertification IAW FAR 91.409 (b) complied with using Cirrus Design checklist and FAR 43 appendix D. Internal and external structural integrity visually inspected. Exposed hinges, bearings and rod ends lubricated. Functional components operationally checked. Avionics ground operation checks normal. See the following corrected discrepancies.... FAR 91.207 ELT function test and battery inspection complied with for continued airworthiness by Sterling Avionics. Battery due at Jan/ 2013... Complied AD 2008-11-18 by perform pressurized exhaust system. no defect noted at this time. next due FLT hobbs. 1208.0... Remove Lt MLG tire and deflate air, pulled out inflator valve to its height. serviced compress air to 53 PSI and installed. saftied new cutter.... Fiber glass patch repaired Lt MLG wheel pants. drilled new 1/4 inch hole. and installed wheel pants.... Tightened B nut brake reservoir to fire wall, leak check, good. no leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4904-03-2009, Dated 3/18/2009.

DATE: 3/18/2009

SIGNED:

A&P 61942051

Work Order: 4904-03-2009

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
4904-03-2009



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 3/18/2009
A/C TSN: 1108.3
PROP TT: 1108.3
TACH: 1108.3

Prop Entries

Propeller 100 hour inspection for 2009 airworthiness recertification complied with using Cirrus Design checklist and FAR 43 appendix D. Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

Maintenance Release


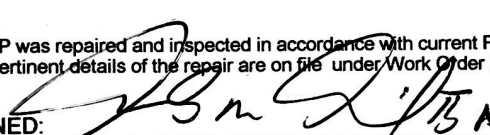

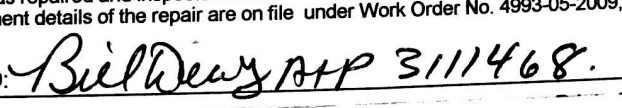
The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4904-03-2009, Dated 3/18/2009.

DATE: 3/18/2009

SIGNED:

A&P 61942051

Work Order: 4904-03-2009

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	
		SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4904-03-2009		 Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 3/18/2009 A/C TSN: 1108.3 ENG TT: 1108.3 TACH: 1108.3
Engine Entries			
Engine 100 hour inspection for 2009 airworthiness recertification complied with using Cirrus Design checklist and FAR 43 appendix D. Compression check reveals 1-64/80, 2-50/80, 3-58/80, 4-63/80, 5-52/80, 6-56/80 with base line of 60/80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders. replaced new 4 spark plug RHM38E and installed with new M-674 gaskets. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.... Timed to engine both Lt & Rt magneto to 24 degrees BTDC... Replaced 5 new Spark plug RHM38E and installed.			
Maintenance Release			
The aircraft and/or component(s) on N215CP 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 under Work Order No. 4904-03-2009, Dated 3/18/2009.			
DATE: 3/18/2009		SIGNED:  ABCP 6194205 Work Order: 4904-03-2009	
MAKE: Cirrus MODEL: SR-20 S/N: 1741 REG. NO: N215CP WORK ORDER: 4993-05-2009		 Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 5/21/2009 A/C TSN: 1208.3 TACH: 1208.3
Airframe Entries			
Internal and external structural integrity visually inspected. Exposed hinges, bearings and rodends lubricated. Functional components operationally checked. Avionics ground operation checks normal. See the following corrected discrepancies.... Restraint system passed using test kit type 2 p/n 508987-401... R&R pilots side cupholder with new.... Fire Extinguisher monthly inspection complied with IAW Cirrus Design MM, Ch. 5. Fire Extinguisher weight and visual inspection check normal.... R&R RH MLG tire and tube with new... R&R LH MLG wheel fairing upper bracket with new. p/n 13522-001			
Maintenance Release			
The aircraft and/or component(s) on N215CP 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 under Work Order No. 4993-05-2009, Dated 5/21/2009.			
DATE: 5/21/2009		SIGNED:  3111468 Work Order: 4993-05-2009	

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE OF INSPECTION STATUS & DISCREPANCY LIST

DATE

ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
4993-05-2009



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 5/21/2009
A/C TSN: 1208.3
ENG TT: 1208.3
TACH: 1208.3

Engine Entries

Compression check reveals 167/80, 2-70/80, 3-65/80, 4-67/80, 5-60/80, 6-60/80 with base line of /80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM IO 360 MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Replaced 2 spark plugs with new RHM 38E. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted. Flight 1208.6

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4993-05-2009, Dated 5/21/2009.

DATE: 5/21/2009

SIGNED:

Bill Dwyer A+P 3111468

Work Order: 4993-05-2009

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
4993-05-2009



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 5/21/2009
A/C TSN: 1208.3
PROP TT: 1208.3
TACH: 1208.3

Prop Entries

Propeller 100 hour inspection for 2009 airworthiness recertification complied with using Sterlingschecklist and FAR 43 appendix D. Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 4993-05-2009, Dated 5/21/2009.

DATE: 5/21/2009

SIGNED:

Bill Dwyer A+P 3111468

Work Order: 4993-05-2009

INSPECTION RECORD F.A.R. 43.11-91.409

DATE

ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
5037-06-2009



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 6/29/2009
A/C TSN: 1270.1
ENG TT: 1270.1
TACH: 1270.1

Engine Entries

Changed oil and filter. old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. ground run up, good. no leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5037-06-2009, Dated 6/29/2009.

DATE: 6/29/2009

SIGNED:

[Signature] A&C PC1194205

Work Order: 5037-06-2009

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5067-07-2009



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 7/21/2009
A/C TSN: 1309.1
TACH: 1309.1

Airframe Entries

Airframe 100 hour inspection for 2009 airworthiness recertification IAW FAR 91.409 (b) complied with using Cirrus checklist and FAR 43 appendix D. Internal and external structural integrity visually inspected. Exposed hinges, bearings and rodends lubricated. Functional components operationally checked. ** Avionics ground operation checks normal. See the following corrected discrepancies.... FAR 91.417(2)(v) Airworthiness Directive (A.D.) research and inspection for continued airworthiness complied with. See the following complied with A.D.'s.... AD2008-11-18 Perform exhaust pressure test.... R&R LH main tire and tube with new. no air leaks noted at this time... Adjusted copilot's outside door handle to open door.... Reshot smoking rivet on lower rudder.... Replace o-rings in brake calipers, and bled brakes.... R&R LH brake pads with new p/n 066-10500... Replace cracked spark plug on bottom of number 6 cylinder.... R&R LH wheel fairing bracket with new p/n 17205-001... Replace right hand brake linings.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5067-07-2009, Dated 7/21/2009.

DATE: 7/21/2009

SIGNED:

[Signature] A+P 3111468.

Work Order: 5067-07-2009

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360Z66
REG. NO: N215CP
WORK ORDER:
5067-07-2009



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 7/21/2009
A/C TSN: 1309.1
ENG TT: 1309.1
TACH: 1309.1

Engine Entries

Engine 100 hour inspection for 2008 airworthiness recertification complied with using Cirrus checklist and FAR 43 appendix D. Compression check reveals 1-69/80, 2-67/80, 3-58/80, 4-70/80, 5-61/80, 6-68/80 with base line of 43/80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.... Set idle to 650 RPM... Retime mags to 24 degrees.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5067-07-2009, Dated 7/21/2009.

DATE: 7/21/2009

SIGNED: 

Work Order: 5067-07-2009

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
5067-07-2009



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 7/21/2009
A/C TSN: 1309.1
PROP TT: 1309.1
TACH: 1309.1

Prop Entries

Propeller 100 hour inspection for 2009 airworthiness recertification complied with using Cirrus checklist and FAR 43 appendix D. Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5067-07-2009, Dated 7/21/2009.

DATE: 7/21/2009

SIGNED: 

Work Order: 5067-07-2009

INSPECTION RECORD
F.A.R. 43.11-91.409

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5155-09-2009



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 9/11/2009
A/C TSN: 1368.4
TACH: 1368.4

FOR SERVICE

Airframe Entries

Changed oil and filter. old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. ground run up, good. no leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5155-09-2009, Dated 9/11/2009.

DATE: 9/11/2009

SIGNED:

A&P 642051

Work Order: 5155-09-2009

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5176-10-2009



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 11/3/2009
A/C TSN: 1414.4
TACH: 1414.4

Airframe Entries

Airframe 100 hour inspection for 2009 airworthiness recertification IAW FAR 91.409 (b) complied with using Cirrus Design checklist and FAR 43 appendix D. Internal and external structural integrity visually inspected. Exposed hinges, bearings and rod ends lubricated. Functional components operationally checked. Avionics ground operation checks normal. See the following corrected discrepancies.... R & I new fuel gascolator quick drain valve, P/N-50242-001. IAW Cirrus design MM. operation check, good. no leaks noted.... Replaced Both LT. & Rt. magneto gasket P/N-LW 12681. Timed both magneto 24 degrees BTDC to engine. IAW TCM MM. ground run up, check good. no leaks noted.... Fiber glass repaired on Lt. MLG wheel pants bolt mounting hole.... Installed new Lt. strut fairing screw.... R & I new Rt. MLG upper wheel pants bracket P/N-13522-001.... R & I new NLG R/side wheel pants bracket P/N-11799-003C

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5176-10-2009, Dated 11/3/2009.

DATE: 11/3/2009

SIGNED:

A&P 642051

Work Order: 5176-10-2009

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 DISSAPPROVING AIRCRAFT FOR SERVICE
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Wild Warbirds
130 Howard Langford Drive
Uvalde, TX 78801
TEL (830) 591-8218

28-Mar-2017 TCM IO-360ES6B S/N:360266 Tach:3724.8

In response to the findings of Cutter Aviation with respect to metal in the oil a complete investigation was launched to determine the validity of these claims which involved the following tasks and tests:

1. All accessories were removed from the accessory case to facilitate the inspection of the accessory drive train and inspection of the starter drive adapter. No evidence of metal contaminants, particles, shavings or filings were found or noted and there was no excessive wear or damage to any of the accessory gears under magnification.
2. After operating the engine on the ground and in flight for more than 5 hours, the engine oil was drained and filtered with no evidence of contaminants.
3. The oil gallery finger strainer was removed from the engine and inspected under magnification with no evidence of contamination.
4. The oil filter was opened and the filter element media was inspected with no evidence of contamination.
5. The oil sump was removed from the engine and inspected for metal contamination. At the same time, a visual inspection of the crankshaft, main journals, connecting rod journals as well as the interior of the crankcase was inspection for contamination with no evidence found.
6. A sample of the engine oil was sent to ALS Tribology in Phoenix Arizona for spectroanalysis under work order 050D814. The report showed the oil sample to be normal with no unusual levels of metal contaminants.

Based on all of the tests performed and the continued satisfactory operation of the engine, I certify that this engine has been found to be in an airworthy condition and approved for return to service.

Mark T. Huffstutler
AP28324711A

INSPECTION RECORD

F.A.R. 43.11-91.409

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

PROP MODEL:
PHC-J3YI-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
5176-10-2009



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 11/3/2009
A/C TSN: 1414.4
PROP TT: 1414.4
TACH: 1414.4

Prop Entries

Propeller 100 hour inspection for 2009 airworthiness recertification complied with using Curvus Design checklist and FAR 43 appendix D. Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5176-10-2009, Dated 11/3/2009.

DATE: 11/3/2009

SIGNED:

[Signature] A2CPG44942051 Work Order: 5176-10-2009



Sterling Avionics

FAA Repair Station WQ3R954L
Buchanan Field Airport
101 John Glenn Drive
Concord, CA 94520
Tel: (925) 676-2100

Form #: SA-111

Altimeter/static and altitude reporting equipment systems have been tested and inspected per appendices E & F of Part 43 as required by FAR 91.411 calibrated to 22,000 ft.

Transponder(s) have been tested and inspected and found to comply with Appendix F of Part 43 I.A.W. FAR 91.413.

Date: 10-14-2008

W.O. #: 33820

Reg. #: N215CP

TTIS: 918.0

Signed: *[Signature]*

INSPECTION RECORD
F.A.R. 43.11-91.409

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

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5206-11-2009

STERLING

Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 11/6/2009
A/C TSN: 1425.2
TACH: 1425.2

Airframe Entries

Removed old oil filter, cut open and inspected. no contamination found. installed new CH48108-1 oil filter. ground run up, check good. no leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5206-11-2009, Dated 11/6/2009.

DATE: 11/6/2009

SIGNED:

[Signature]

A2CP611942051 Work Order: 5206-11-2009

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5240-12-2009

STERLING

Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 12/14/2009
A/C TSN: 1475.9
TACH: 1475.9

Airframe Entries

Changed oil and filter. old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. ground run up, good. no leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5240-12-2009, Dated 12/14/2009.

DATE: 12/14/2009

SIGNED:

[Signature]

A2CP611942051 Work Order: 5240-12-2009

F.A.R. 43.11-91.409

D/

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5263-02-2010



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 2/5/2010
A/C TSN: 1526.5
TACH: 1526.5

SERVICE

Airframe Entries

Airframe 100 hour inspection for 2010 airworthiness recertification IAW FAR 91.409 (b) complied with using Cirrus Design SR20 checklist and FAR 43 appendix D. Internal and external structural integrity visually inspected. Exposed hinges, bearings and rodends lubricated. Functional components operationally checked. Avionics ground operation checks normal. See the following corrected discrepancies.... FAR 91.207 ELT function test and battery inspection complied with for continued airworthiness by Sterling Avionics. Battery due 3/2013... Fire Extinguisher monthly inspection complied with IAW Cirrus Design MM, Ch. 5. Fire Extinguisher weight and visual inspection check normal.... R&R nose wheel tire with new, no air leaks noted at this time... R&R LH nose wheel bearing with new. p/ns 08231,08125... Remove prop, R&R Alternator belt, Reinstall prop, torque prop nuts to 65 ftlbs IAW Cirrus Design SR20 MM CH 61, Belt p/n 10AV1005, o-ring MS28775-228, no oil leaks noted at this time.... Reattach section of LH wing root fairing on bottom... R&R RH MLG fairing inner bracket with new. p/n 17205-002... R&R Rudder-Aileron interconnect shock cord with new. ops check good. p/n 12983-001... Tightened loose terminal seal nut and monitored, no fuel seeping noted at this time.... Reattach nipple for fuel vent on insp. cover. ops check good.... Fill battery, charge, ops check ok.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5263-02-2010, Dated 2/8/2010.

DATE: 2/5/2010

SIGNED:

Bill Deary A/P 3111468

Work Order: 5263-02-2010

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
5263-02-2010



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 2/5/2010
A/C TSN: 1526.5
PROP TT: 1526.5
TACH: 1526.5

Prop Entries

Propeller 100 hour inspection for 2010 airworthiness recertification complied with using Cirrus Design checklist and FAR 43 appendix D. Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5263-02-2010, Dated 2/8/2010.

DATE: 2/5/2010

SIGNED:

Bill Deary A/P 3111468

Work Order: 5263-02-2010

INSPECTION RECORD

F.A.R. 43.11-91.409

ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360266
REG. NO: N215CP
WORK ORDER:
5263-02-2010



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 2/5/2010
A/C TSN: 1526.5
ENG TT: 1526.5
TACH: 1526.5

R SERVICE

Engine Entries

Engine 100 hour inspection for 2010 airworthiness recertification complied with using Cirrus Design checklist and FAR 43 appendix D. Compression check reveals 1-78/80, 2-76/80, 3-77/80, 4-79/80, 5-79/80, 6-76/80 with base line of 80. Engine oil drained and replaced with 8qts Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5263-02-2010, Dated 2/8/2010.

DATE: 2/5/2010

SIGNED:

Bill Dwyer RRP 3111468

Work Order: 5263-02-2010



I CERTIFY THAT THIS AIRFRAME HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:

Andres Amil III
Andres Amil III, IA 611942051

DATE: 2/5/10

TTIS: 1526.5 TSMO: _____ REG # N215CP

145 JOHN GLENN DR CONCORD, CA 925-676-2100



Sterling Avionics

FAA Repair Station WQ3R954L
Buchanan Field Airport
101 John Glenn Drive
Concord, CA 94520
Tel: (925) 676-2100

TTIS

1526.2

Form #: SA-108

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.

ELT Part #: ACK 8-01

ELT Serial #: 56504

Battery Installed:

Battery Due: 03/2013

Date: 02/02/2010

Work Order #: 34760

Signed: *Shannon*

Reg. #: N215CP

F.A.R. 43.11-91.409

DATE | AIRCRAFT TIME |

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

STERLING

I CERTIFY THAT THIS ENGINE HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: [Signature] DATE: 2/5/10

Andres Amil III, IA 611942051

TTIS: 1526.5 TSMO: REG # N215CP

145 JOHN GLENN DR CONCORD, CA 925-676-2100

STERLING

I CERTIFY THAT THIS PROPELLER HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: [Signature] DATE: 2/5/10


Andres Amil III, IA 611942051


TTIS: 1526.5 TSMO: REG # N215CP

145 JOHN GLENN DR CONCORD, CA 925-676-2100

4

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	FOR SERVICE
MAKE: Cirrus MODEL: SR-20 S/N: 1741 REG. NO: N215CP WORK ORDER: 5273-02-2010	 Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 2/9/2010 A/C TSN: 1526.5 TACH: 1526.5	
Airframe Entries Replaced flat spotted RH MLG tire and balanced, no air leaks noted at this time.			
Maintenance Release The aircraft and/or component(s) on N215CP 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 under Work Order No. 5273-02-2010, Dated 2/9/2010.			
DATE: 2/9/2010	SIGNED: <i>Bill Dewar ATP 3111468</i>	Work Order: 5273-02-2010	

MAKE: Cirrus MODEL: SR-20 S/N: 1741 REG. NO: N215CP WORK ORDER: 5278-02-2010	 Sterling Aviation 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 2/23/2010 A/C TSN: 1539.3 TACH: 1539.3	
Airframe Entries R&R fuel indicator and calibrate IAW Cirrus Design SR 20 MM CH 28-40 2 A. 1-4. ops check good. p/n 12615-002... R&R LH MLG tire tube with new. no air leaks noted at this time.			
Maintenance Release The aircraft and/or component(s) on N215CP 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 under Work Order No. 5278-02-2010, Dated 2/23/2010.			
DATE: 2/23/2010	SIGNED: <i>Bill Dewar ATP 3111468</i>	Work Order: 5278-02-2010	

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 DISSAPPROVING AIRCRAFT FOR SERVICE

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5300-03-2010

STERLING

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 3/12/2010
A/C TSN: 1552.7
TACH: 1552.7

Airframe Entries

removed defective manifold pressure sensor p/n 12635-001 and replaced it with new manifold pressure sensor same p/n. op's check good.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5300-03-2010, Dated 3/12/2010.

DATE: 3/12/2010

SIGNED: *David Vickus A3P 3161731* Work Order: 5300-03-2010

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5340-04-2010

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 4/15/2010
A/C TSN: 1614.7
TACH: 1614.7

Airframe Entries

R&R co-pilots air valve with new, ops check good p/n 51268-001

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5340-04-2010, Dated 4/15/2010.

DATE: 4/15/2010

SIGNED: *Bill Quoy A+P 3111468*

Work Order: 5340-04-2010

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

F A R 12 11 01 100

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5346-04-2010

Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 4/23/2010
A/C TSN: 1626.6
TACH: 1626.6

OR SERVICE

Airframe Entries

Airframe 100 hour inspection for 2010 airworthiness recertification IAW FAR 91.409 (b) complied with using SR20 Cirrus Design checklist and FAR 43 appendix D. Internal and external structural integrity visually inspected. Exposed hinges, bearings and rodends lubricated. Functional components operationally checked. normal. Avionics ground operation checks normal. See the following corrected discrepancies.... Clean area of fuel stains, retorquer gasket bolts to 40in.lbs and terminal nut to 12in.lb. IAW SR20 MM CH 28-40 parag. 4-5. monitor.no fuel leaks noted at this time... R&R LH wing fuel vent assembly with new. p/n 13422-002... Fire Extinguisher monthly inspection complied with IAW Cirrus Design MM, Ch. 5. Fire Extinguisher weight and visual inspection check normal.... Complied AD 2009-24-52 E N/A by date of engine MFD. or O/H

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5346-04-2010, Dated 4/30/2010.

DATE: 4/23/2010

SIGNED:

Bill Dwyer ATP 3111468

Work Order: 5346-04-2010

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ENGINE MODEL:
IO-360ES6B
ENGINE S/N: 360266
REG. NO: N215CP
WORK ORDER:
5346-04-2010

Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 4/23/2010
A/C TSN: 1626.6
ENG TT: 1626.6
TACH: 1626.6

Engine Entries

Performed Compression test: 1)78/80 2)77/80 3) 76/80 4) 78/80 5)78/80 6)79/80. Changed oil and filter. old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. Removed spark plug cleaned, gapped and tested. checked good. installed new M-674 spark plug gasket. Cleaned fuel injectors. checked magneto to engine timing at 24 Degrees BTDC IAW TCM MM. ground run up, good. no leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5346-04-2010, Dated 4/30/2010.

DATE: 4/23/2010

SIGNED:

Bill Dwyer ATP 3111468

Work Order: 5346-04-2010

Printed by ERIE 3 (datamedia.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE

AIRCRAFT TIME

/ICE

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
5346-04-2010

Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 4/23/2010
A/C TSN: 1626.6
PROP TT: 1626.6
TACH: 1626.6

Prop Entries

Propeller 100 hour inspection for 2010 airworthiness recertification complied with using SR20 CirrusDesign checklist and FAR 43 appendix D. Propeller ground operation after inspection and servicing was normal.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5346-04-2010, Dated 4/30/2010.

DATE: 4/23/2010

SIGNED:

Bill Davis ATP 3111468

Work Order: 5346-04-2010

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5393-06-2010



Sterling Aviation
145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 6/8/2010
A/C TSN: 1713.7
TACH: 1713.7

Airframe Entries

Change oil, open and inspect oil filter. no metal particles found. Serviced with 8 Qts. of 15W50 Aeroshell oil, and CH48108-1 filter. Ground run up, no leaks noted....replaced all nose landing gear pucks with new pucks p/n 11879-006, replaced nose landing gear rebound bumpers with new p/n 14020-001. op's check good.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5393-06-2010, Dated 6/8/2010.

DATE: 6/8/2010

SIGNED:

Daniel McKen ATP 3161731

Work Order: 5393-06-2010

INSPECTION RECORD

F A R 43.11-91.409

MAKE: Cirrus
MODEL: SR-20
S/N: 1741
REG. NO: N215CP
WORK ORDER:
5404-06-2010



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 6/15/2010
A/C TSN: 1728.8
TACH: 1728.8

FOR SERVICE

Airframe Entries

Airframe 100 hour inspection for 2010 airworthiness recertification IAW FAR 91.409 (b) complied with using SR20 Cirrus Design checklist and FAR 43 appendix D. Internal and external structural integrity visually inspected. Exposed hinges, bearings and rod ends lubricated. Functional components operationally checked. normal. Avionics ground operation checks normal. See the following corrected discrepancies.....replaced rt main tire with new 15x6 00-6 tire. checked tire pressure. op's check good.....stop drilled crack in baffle above oil cooler.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5404-06-2010, Dated 6/15/2010.

DATE: 6/15/2010

SIGNED:

David Vickens A&P 3161731

Work Order: 5404-06-2010

PROP MODEL:
PHC-J3Yf-1RF
PROP S/N: FP5055B
REG. NO: N215CP
WORK ORDER:
5404-06-2010



Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 6/15/2010
A/C TSN: 1728.8
PROP TT: 1728.8
TACH: 1728.8

Prop Entries

Propeller 100 hour inspection for 2010 airworthiness recertification complied with using SR20 CirrusDesign checklist and FAR 43 appendix D. Propeller ground operation after inspection and servicing was normal.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 under Work Order No. 5404-06-2010, Dated 6/15/2010.

DATE: 6/15/2010

SIGNED:

David Vickens A&P 3161731

Work Order: 5404-06-2010

Printed by ERic 3 (datamedia.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

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

DATE AIRCRAFT TIME
IN SERVICE



ENGINE RECORD ENTRY

Registration N215CP
Model No. SR20
Serial No. 1741
Engine Model IO360ES6B
Engine S/N 360266

Cutter Aviation San Antonio, Inc.
367 Sandau Rd.
San Antonio, Texas 78216
Phone (210) 384-3388 Fax (210) 384-3394
CRS U7TR491Y

Hour meter 3518.1
Total Time 3518.1
TSMOH --

Page 1 of 1

1. DRAINED OIL AND OBTAINED OIL SAMPLE. OPENED FILTER AND INSPECTED. FOUND METAL PARTICLES. REMOVED OIL SUMP SCREEN AND FOUND LARGE STEEL PARTICLES. ADVISED CUSTOMER OF FINDINGS. REINSTALLED OIL SUMP AND INSTALLED NEW FILTER P/N CH48108-1. SERVICED ENGINE WITH 8 QUARTS OF PHILLIPS 20W50 X/C OIL. REFERENCED SR20 MM 12-10. **ENGINE IS UNAIRWORTHY AT THIS TIME**

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is **NOT APPROVED FOR RETURN TO SERVICE**. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file under **Work Order: 11M-3972**

Date: 11/17/2016

Authorized
Signature:

Richard Kurland

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 DISSAPPROVING AIRCRAFT FOR SERVICE



Wild Warbirds
130 Howard Langford Drive
Uvalde, TX 78801
TEL (830) 591-8218

28-Mar-2017 TCM IO-360ES6B S/N:360266 Tach:3724.8

In response to the findings of Cutter Aviation with respect to metal in the oil a complete investigation was launched to determine the validity of these claims which involved the following tasks and tests:

1. All accessories were removed from the accessory case to facilitate the inspection of the accessory drive train and inspection of the starter drive adapter. No evidence of metal contaminants, particles, shavings or filings were found or noted and there was no excessive wear or damage to any of the accessory gears under magnification.
2. After operating the engine on the ground and in flight for more than 5 hours, the engine oil was drained and filtered with no evidence of contaminants.
3. The oil gallery finger strainer was removed from the engine and inspected under magnification with no evidence of contamination.
4. The oil filter was opened and the filter element media was inspected with no evidence of contamination.
5. The oil sump was removed from the engine and inspected for metal contamination. At the same time, a visual inspection of the crankshaft, main journals, connecting rod journals as well as the interior of the crankcase was inspection for contamination with no evidence found.
6. A sample of the engine oil was sent to ALS Tribology in Phoenix Arizona for spectroanalysis under work order 050D814. The report showed the oil sample to be normal with no unusual levels of metal contaminants.

Based on all of the tests performed and the continued satisfactory operation of the engine, I certify that this engine has been found to be in an airworthy condition and approved for return to service.

Mark T. Huffstutler
AP28324711A