

ENGINE LOGS

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

MAINTENANCE RECORD

Date:	June 22, 2007	Page 1 of 1 Pages	Reg. No:	N215JP
Aircraft:	Cirrus SR22	Serial #: 2493	Total time / HM:	22.2 / 22.2
Engine:	TCM	Serial #:	Total time:	22.2

The below listed items were accomplished in accordance with Cirrus Design SR22 Aircraft Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-07-15363

[001] Drained engine oil, removed and inspected oil filter, no metal noted. Installed a new CH48108-1 oil filter and serviced engine with 8 quarts Aeroshell W100/50wt oil.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date:	August 3, 2007	Page 1 of 1 Pages	Reg. No:	N215JP
Aircraft:	Cirrus SR22	Serial #: 2493	Total time / Flt HM:	28.2 / 28.2
Engine:	TCM	Serial #:	Total time:	28.2

The below listed items were accomplished in accordance with Cirrus Design SR22 Aircraft Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-07-15542

[001] **Cirrus SA 07-14 R1**, Kelly Aerospace Turbocharger Condition - Release of SB 026, complied with. Left turbo s/n KCN00949 and right turbo s/n KCN01194 replaced with new turbos p/n 466304-0003, left s/n KGN00092, right s/n KGN00087.

I certify that the above listed items have been completed, and with regard to the above items, that this engine has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date:	May 16, 2008	Page 1 of 1 Pages	Reg. No:	N215JP
Aircraft:	Cirrus SR22	Serial #: 2493	Hobbs / Flt. HM:	52.2 / 42.4
Engine:	TCM IO-550-N (46)	Serial #: 689507	Total Time:	42.4

The below listed items were accomplished in accordance with Cirrus Design SR22 Aircraft Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-08-17027

[001] Engine oil filter removed and inspected. No contamination noted. Installed a new CH48108-1 oil filter.
[002] Spark plug, (#3 cylinder bottom), replaced with a new p/n RHB-32E.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

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

Brought Forward

ENGINE MODEL:
10550N46
ENGINE S/N: 689507
REG. NO. 215JP
WORK ORDER:
11377-06-2008



Cirrus Design Factory Service Center

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

DATE: 7/2/2008
A/C TSN: 57.9
ENG TT: 57.9
HOBBS: 57.9

Engine Entries

(5) Hobbs 57.9 Flight meter 47.4 Performed engine 100HR inspection IAW cirrus mm chapter 5-20 and 5-30. (3) Researched ADs through bi-weekly issue 2008-13. all ADs are in compliance at this time. (11) Drained engine oil and took oil sample, removed oil filter and performed particulate inspection, no discrepancies noted, installed new oil filter P/N CH48108-1 and serviced engine with 8QTS of Aeroshell 15W-50 oil. Leak and operational check good, work performed IAW cirrus mm chapter 12-20. (12) Performed engine cylinder compression and boroscope inspections, no discrepancies noted on boroscope inspection, compressions are as follows: #1 76/80, #2 77/80, #3 76/80, #4 73/80, #5 76/80, #6 72/80, master on/off reading of 45, work performed IAW T.C.M. MM section 19, and T.C.M. S.B. 03-3. (13) Removed, cleaned, inspected, gapped, tested, rotated, and reinstalled spark plugs IAW T.C.M. MM section 12. (14) Performed magneto to engine timing inspection, no discrepancies noted on inspection, work performed IAW T.C.M. MM section 12. (15) Removed and replaced induction air filter with new, P/N 33-2022 IAW standard maintenance practices. (16) Removed, cleaned, inspected, and reinstalled fuel injection nozzles IAW T.C.M. MM section 5. (17) Performed fuel pressure setups IAW TAT Report 215-10. (27) Performed required inspections for continued airworthiness of TAT system IAW TAT Report 215-10. (44) Removed and Replaced L/H wastegate assy P/N 22-6150003 (Removed SN KCN01034 and replaced with SN KEN00254) IAW TAT Report 22-6460001. (69) I certify that this engine has been inspected in accordance with a 100 HR/Annual inspection and was determined to be in airworthy condition.

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: 7/2/2008

SIGNED:

Tim O'Reilly
Certified Repair Station No. YD5R855Y

Work Order: 11377-06-2008

Printed by EBis 3 (datcomedia.com)

Cirrus N215JP 9/1/08
Changed oil w/7 qts Phillips XC
20W-50. Installed new oil filter
w/Champion CH48108. Engine
approved for return to service at
this time.

Hobbs: 133.0

Flt Hr 108.9

Brent A. Hart AP442543517
Brent A. Hart AP442543517

ENGINE MODEL:
ENGINE S/N:
REG. NO. N215JP
WORK ORDER: 0265

Above View, LLC
738 S. Airport Rd.
St. George, UT 84770
Phone: 435-688-8009

DATE: 10/7/2008
A/C TSN: 163.2
ENG TT:
HOBBS: 163.2

Engine Entries

(1) Completed 50 hour inspection, replaced oil and filter with a Champion CH 48108-1 filter Phillips XC 20/50 oil. Engine ran up and checked, no leaks found. Ops check normal.

DATE: 10/7/2008

SIGNED:

Justin Hansen, A&P: 529594629

Work Order: 0265

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Cirrus N215JP 3/11/09
Changed oil & oil filter with 7
Qts. Phillips XC 20W-50 oil &
Champion 48108 Oil Filter. Check-
ed for leaks. This engine is
approved for return to service at
this time.

HOBBS: 235.9

Brent A. Hart 442543517AP
Brent A. Hart 442543517AP

CIRRUS G3 Turbo N215JP 05/11/09
Changed oil w/7 qts Phillips XC 20W50.
Removed & replaced oil filter w/CH48108.
Added 10 oz ASL Camgard oil supplement
per customers request. This engine is
approved for return to service at this
time. Flt: 268.1 Hobbs: 299.4

Brent A. Hart AP442543517
Brent A. Hart AP442543517

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

ENGINE MODEL:
TIO-550-N
ENGINE S/N: 689507
REG. NO. N215JP
WORK ORDER: 19133

Million Air - Salt Lake City

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

DATE: 7/22/2009
A/C TSN: 314.2
ENG TT: 314.2
TACH: 314.2

Engine Entries

ENGINE 100 HOUR INSPECTION C/W PER CIRRUS DESIGN SR22 INSPECTION CHECKLIST 05-20. ENGINE APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME... ENGINE OIL DRAINED HOT. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20W50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY... ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: #1 76/80, #2 76/80, #3 75/80, #4 69/80, #5 73/80, AND #6 70/80. CHECKED SATISFACTORY... LT/RT MAGNETOS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB 643B. CHECKED SATISFACTORY... ENGINE CONTROL LINKAGES INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB95-2. CHECKED SATISFACTORY... ENGINE CYLINDERS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB96-12. CHECKED SATISFACTORY... TCM POSITION-TUNED FUEL INJECTION NOZZLES INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SID05-7. CHECKED SATISFACTORY... THROTTLE AND MIXTURE CONTROL ARMS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB08-3. CHECKED SATISFACTORY... TROUBLESHOT THE ENGINE MISS FIRE AT ALTITUDE BY INSPECTING THE PRESSURIZATION LINES FOR THE MAGNETOS. RAN AIRCRAFT COULD NOT DUPLICATE PROBLEM ON THE GROUND... MAGNETO PRESSURE FILTER REMOVED AND REPLACED WITH NEW FILTER P/N 1396-2... ENGINE AND ENGINE MOUNT DEGREASED AND CLEANED... ENGINE AND ENGINE COWLS DEGREASED AND CLEANED... ENGINE FUEL NOZZLES 300 HOUR INSPECTION AND CLEANING C/W. LEAK ND OPERATIONAL CHECKED SATISFACTORY... R/H AND L/H MAGNETO TO ENGINE TIMING ADJUSTED ACCORDINGLY.

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

DATE: 7/22/2009

SIGNED:

ray
Certified Repair Station No. K5SR339N

Work Order: 19133

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09/01/09 Cirrus N215JP Hobbs:401.2
Tach: 368.4

Oil Change performed w/7 Qts Phillips XC
20W-50 & installed Champion CH48108-1.
Checked for leaks & proper operation.
Engine is approved for return to service
at this time.

Brent A. Hart
Brent A. Hart

AP442543517
AP442543517

ENGINE MODEL:
IO-550-N40
ENGINE S/N: 689507
REG. NO. N215JP
WORK ORDER: 0597



Above View, LLC

736 S. Airport Rd.
St. George, UT 84770
Phone: 435-666-8009

DATE: 11/30/2009
A/C TSN: 445.1
ENG TT: 445.1
TSMOH: 445.1
HOBBS: 445.1

Engine Entries

(1) Completed 50 hour inspection, replaced oil and filter with a Champion CH 48108-1 filter and 8 qts. Phillips 20 w 50 X/C oil. Engine operation checked, no leaks found, ops check normal.



DATE: 11/30/2009

SIGNED:

Justin Hansen, A&P: 529594629


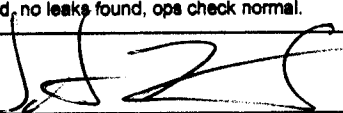
Work Order: 0597


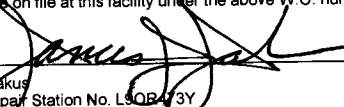
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Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	ENGINE MODEL: IO-550-N46 ENGINE S/N: 689807 REG. NO: N215JP WORK ORDER: 0689		Above View, LLC  736 S. Airport Rd. St. George, UT 84770 Phone: 435-688-8009		DATE: 5/11/2010 A/C TSN: 517.2 ENG TT: 517.2 TSMOH: 517.2 HOBBS: 517.2
Engine Entries (3) Removed both magnetos and shipped to repair facility for 500 hour inspection see 8130-3 forms. Reinstalled reworked magnetos and timed to 21.5 degrees BTC per manual.... (4) Complied with Tornado Alley TAT SB09-01 by inspection no discrepancies found next due 50 in hours.... (5) Complied with Tornado Alley TAT SB10-01 by inspection no discrepancy found next due annual inspection.... (6) Complied with Tornado Alley TAT SB10-02 by inspection no discrepancies found next due 50 in hours.... (8) Installed new spark plugs P/N RHB32E. Changed oil and filter with a Champion CH 48108-1 filter, and 8 qts, Phillips 20 W 50 X/C oil. Cleaned and serviced air filter. Completed 100 hour inspection per Cirrus Design Maintenance Manual, 14 CFR 91.409 and part 43 appendix D. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Compressions are 1:74 2:74 3:78 4:78 5:78 6:78 over 80 PSI. Engine operation checked, no leaks found, ops check normal.					
DATE: 5/11/2010		SIGNED: 		Work Order: 0689	
		V. Lowell Hansen, IA: 1765154		Printed by EBis 3 (datamedia.com)	

CIRRUS N215JP 13 July 2010
 Flight: 586.1 Hrs. Hobbs: 618.9
 Changed oil w/6 Qts 20W-50 XC Phillips
 & installed new oil filter W/Champion
 48108-1. This aircraft is approved for
 return to service.

 AP2301590
 Brent A. Hart AP2301590

ENGINE MODEL: IO-550-N46 ENGINE S/N: 689507 REG. NO: N215JP WORK ORDER: 0781	Above View, LLC  736 S. Airport Rd. St. George, UT 84770 Phone: 435-688-8009	DATE: 10/1/2010 A/C TSN: 548.2 ENG TT: 548.2 TSMOH: 548.2 HOBBS: 548.2
Engine Entries (1) Changed oil and filter with a Champion CH 48108-1 filter and 8 qts. of Aeroshell 15W-50 oil. Cleaned and serviced air filter. Completed 100 hour inspection per Cirrus Design Maintenance Manual, 14 CFR 91.409 and part 43 appendix D. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Compressions are 1:70 2:74 3:88 4:78 5:74 6:72 over 80 PSI. Engine operation checked, no leaks found, ops check normal.		
DATE: 10/1/2010	SIGNED: 	Work Order: 0781
	Justin Hansen, A&P: 529594829	Printed by EBis 3 (datamedia.com)

ENGINE MODEL: IO550N ENGINE S/N: 689607 REG. NO: N215JP WORK ORDER: 6058-03-2011	 Lone Mountain Aviation, Inc. Repair Station No. L9OR473Y 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200	DATE: 3/10/2011 A/C TSN: 706.5 ENG TT: 706.5 FLIGHTTIME: 706.5
Engine Entries Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts AS 15W50. Engine run and leak check good.... Oil sample taken... Installed new TIT probe IAW TAT Instructions for Continued Airworthiness. Operational check good.		
The aircraft, component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.		
DATE: 3/10/2011	SIGNED: 	Work Order: 6058-03-2011
	James J. Jakus Certified Repair Station No. L9OR473Y	Printed by EBis 3 (datamedia.com)

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

Brought Forward

ENGINE MODEL:
IO-550-N46
ENGINE S/N: 889507
REG. NO: N215JP
WORK ORDER: 0901



Above View, LLC
4196 S. Airport Parkway Unit 2A
St. George, UT 84790
Phone: 435-868-8009

DATE: 6/1/2011
A/C TSN: 752.9
ENG TT: 752.9
TSMOH: 752.9
HOBBS: 752.9

Engine Entries

(3) Complied with Tornado Alley TAT SB09-01 by inspection no discrepancies found next due 50 in hours. Complied with Tornado Alley TAT SB10-01 by inspection no discrepancy found next due annual inspection. Complied with Tornado Alley TAT SB10-02 by inspection no discrepancies found next due in 50 hours.... (5) Changed oil and filter with a Champion CH 48108-1 filter and 8 qts. of Aeroshell 15W-50 oil. Cleaned and serviced air filter. Completed 100 hour inspection per Cirrus Design Maintenance Manual, 14 CFR 91.409 and part 43 appendix D. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Compressions are 1:76 2:76 3:78 4:78 5:78 6:78 over 80 PSI. Engine operation checked, no leaks found, ops check normal.

DATE: 6/1/2011

SIGNED:

V. Lowell Hansen

Work Order: 0901

V. Lowell Hansen, IA: 1765154

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N46
ENGINE S/N: 889507
REG. NO: N215JP
WORK ORDER: 0945



Above View, LLC
4196 S. Airport Parkway Unit 2A
St. George, UT 84790
Phone: 435-868-8009

DATE: 8/9/2011
A/C TSN: 808.9
ENG TT: 808.9
TSMOH: 808.9
HOBBS: 808.9

Engine Entries

(4) Completed 50 hour inspection, replaced oil and filter with a Champion CH 48108-1 filter and 8 qts. of Phillips 20W-50XC oil. Engine operation checked, no leaks found, ops check normal.

DATE: 8/9/2011

SIGNED:

J. J. Jacobs

Work Order: 0945

Justin Hansen, A&P: 529594629

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SR-22

N215JP

2493

November 29, 2011 Hobbs time 0911.8 Flight hour time 0879.0 Drained engine oil. Removed and inspected filter. Installed new CH48108-1 filter. Serviced with 7 quarts Phillips 20w50XC. Serviced oxygen. Leak check satisfactory.

Jonathan Jacobs

Jonathan Jacobs A+P3047123IA

ENGINE MODEL:
IO-550-N46
ENGINE S/N: 889507
REG. NO: N215JP
WORK ORDER: 0946



Above View, LLC
4196 S. Airport Parkway Unit 2A
St. George, UT 84790
Phone: 435-868-8009

DATE: 12/15/2011
A/C TSN: 882.6
ENG TT: 882.6
TSMOH: 882.6
HOBBS: 882.6

Engine Entries

(3) Replaced the starter adapter with a overhauled unit P/N 642083A12 S/N WS28561CB from Western Skyways see FAA form 337 and form 8130-3 tracking number 0028561-1.... (4) No oil or filter change. Cleaned and serviced air filter. Completed 100 hour inspection per Cirrus Design Maintenance Manual, 14 CFR 91.409 and part 43 appendix D. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Compressions are 1:76 2:76 3:70 4:76 5:74 6:78 over 80 PSI. Engine operation checked, no leaks found, ops check normal.

DATE: 12/15/2011

SIGNED:

J. J. Jacobs

Work Order: 0946

Justin Hansen, A&P: 529594629

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6/4/12 CIRRUS N215JP Flt Time 1002.6

Hobbs 1035.6

Changed oil & oil filter - 6 qts Phillips XC 20W-50 wt. & Champion 48108-1 oil filter. Checked for leaks. Engine is approved for return to service at this time.

Brent A. Hart

Brent A. Hart

A#A2301590

A&P2301590

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

Brought Forward

ENGINE MODEL:
IO-550-N46
ENGINE S/N: 889507
REG. NO: N215JP
WORK ORDER: 1026

Above View, LLC
4196 S. Airport Parkway Unit 2A
St. George, UT 84790
Phone: 435-688-8006

DATE: 7/1/2012
A/C TSN: 1024.8
ENG TT: 1024.8
TSMOH: 1024.8
HOBBS: 1024.8

Engine Entries

(3) Removed magnetos and shipped to Aircraft Electrical Components, Inc. for 500 hour inspection. Installed magnetos and timed to engine.... (4) Installed new intake bracket P/N ETI-G2-35-1 to fit Cirrus modification.... (5) SR22 turbo Complied with Tomado Alley TAT SB09-01 and SB10-02 by inspection no discrepancies found next due 50 in hours. Complied with Tomado Alley TAT SB10-01 by inspection no discrepancy found next due annual inspection.... (7) Cleaned and serviced air filter. Completed 100 hour inspection per Cirrus Design Maintenance Manual, 14 CFR 91.409 and part 43 appendix D. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Compressions are 1:74 2:76 3:78 4:74 5:74 6:74 over 80 PSI. Engine operation checked, no leaks found, ops check normal.

DATE: 7/1/2012

SIGNED:

V. Lowell Hansen

Work Order: 1026

V. Lowell Hansen, IA: 1765154

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ENGINE MODEL:
IO-550-N46
ENGINE S/N: 889507
REG. NO: N215JP
WORK ORDER: 1038

Above View, LLC
4196 S. Airport Parkway Unit 2A
St. George, UT 84790
Phone: 435-688-8006

DATE: 9/17/2012
A/C TSN: 1062.1
ENG TT: 1062.1
TSMOH: 1062.1
HOBBS: 1062.1

Engine Entries

(1) Complied with a 50 hour inspection Per Cirrus Maintenance Manual. Replaced oil and filter with a Champion CH 48108-1 filter and 8 qts. of Aeroshell 15W-50 oil. Engine operation checked, no leaks found, ops check normal.

DATE: 9/17/2012

SIGNED:

Justin Hansen

Work Order: 1038

Justin Hansen, A&P: 529594629

Printed by EBis 3 (datcomedia.com)

01/08/13 Cirrus N215JP Hobbs:1155.7
Flight: 1122.9 Changed oil w/6 qts Phillips
XC 20W50. Changed filter w/Champion CH-
48108-1. This engine is approved for return
to service at this time.

Brent Hart
Brent Hart

AP2301590
AP2301590

ENGINE LOG

The Flight Shop, Inc. 435/723-3469 N215JP 2/21/13 Hobbs 1157.2

1. Replaced starter drive adapter with 'O' time factory reman unit, part #R-642083A12, SN. n/a.; 2. Replaced starter with new Skytec model #C24ST5, SN. 4C5-051304; 3. Ground run engine, no leaks.

AP3350928IA

License Number

Craig Hulise
Craig Hulise

AIRFRAME LOG FAA - PMA

This tag certifies that Sky-Tec Model No. **C24ST5**

Serial No. **4C5-051304** was manufactured new on 06 Feb 2013

by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement

No. **6** per CFR14 Part 21 in accordance with Sky-Tec's

FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and conforms to the relevant FAA-approved drawings. This part has been determined to be airworthy.

For installation eligibility see www.skytecair.com/eligibility.htm

Starter Installed on **N 215JP** by

(Aircraft)

(Mechanic)

3/7/12 Cirrus N215JP Flight Time 913.2 Hrs
Hobbs: 964.0 Changed oil w/6 qts Phillips XC
20W50 Wt. Oil. Changed oil filter w/ Champion
CH48108-1. Safty wired oil filter. Engine is
approved for return to service .

Brent A. Hart *A&P 2301590*
Brent A. Hart A&P 2301590

ENGINE MODEL:
T10-550-N
ENGINE S/N: 689507
REG. NO: N215JP
WORK ORDER: P2180



Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801-933-7500

DATE: 7/29/2015
A/C TSN: 1380
ENG TT: 1380
TACH: 1380

Engine Entries

(3) ENGINE HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D USING THE CIRRUS DESIGN SR22 INSPECTION CHECKLIST 05-20 AS A REFERENCE AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

(4) ENGINE OIL DRAINED HOT. OIL SAMPLE TAKEN MID STREAM. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 6 QTS OF PHILLIPS 20W/50 OIL. LEAK CHECKED SATISFACTORY.

(5) ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: #1 65/80 #2 65/80 #3 61/80 #4 69/80 #5 62/80 AND #6 68/80. MASTER ORIFICE 41/80.

(44) PERFORMED BORESCOPE OF CYLINDERS NO DEFECTS NOTED.

(57) SECURED #1 AND #3 CYLINDER DRAIN LINE FITTINGS. LEAK CHECK SATISFACTORY

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. P2180

DATE: 7/29/2015

SIGNED:

Jimmy P. Ray
Certified Repair Station No. K5SR339N

Work Order: P2180

Printed by EBis 3 (datcomedia.com)

Date 5/3/16, HOBBS/TACH/TSO (TAT) 14462, REG# N2:55P
Drained oil, Inge filter, serviced w/ 6 qts Phillips
AC 20W50, & CH 48100 filter, leak & gas check
ok. Replaced #3 & #4 Intake gaskets. check
ok

I CERTIFY THAT THE ABOVE MAINTENANCE / REPAIR WAS ACCOMPLISHED / INSPECTED IAW CURRENT FAR AND
FOUND AIRWORTHY FOR RETURN TO SERVICE.

SIGNED

Steven A. Wells

CERT#

AP 3037638

WORK ORDER

AC-0320



4170 US HWY. 2 EAST KALISPELL MT. 406-755-5362



CB Aviation, Inc.

3715 Airport Road

Ogden, Utah 84405

Phone: 801-621-0326

N215JP

CIRRUS

S/N:
SR-22

TTSN:
1489.0

Tach Time: 1456.2

REMOVED AND REPLACED ITT PROBE WITH NEW P/N 86245. REMOVED AND REPLACED ALTERNATOR WITH NEW P/N ES-10024 S/N H-Q031273. COMPLIED WITH TELEDYNE CONTINENTAL AIRCRAFT ENGINE SB11-3 ALTERNATOR AND DRIVE COUPLING INSTALLATION.

I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.

Date:

19 MAY 2016

Craig M Weston

Craig M Weston

AP3740125



CB Aviation, Inc.

3715 Airport Road

Ogden, Utah 84405

Phone: 801-621-0326

N215JP

**CONTENTITAL
IO-550-N**

**S/N:
689507**

TSN:1458.1

**Tach
Time:1458.1**

ENGINE HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER CIRRUS DESIGN SR22 INSPECTION CHECKLIST 05-20 AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

ENGINE OIL DRAINED HOT. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NONE FOUND. NEW OIL FILTER P/N CH48108-1 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 6 QTS OF XC 20-50W OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY ENGINE COMPRESSIONS CHECKED AS FOLLOWS, CYL # 1 71/80. # 2 68/80. # 3 70/80. # 4 70/80. # 5 70/80. # 6 64/80. OPERATIONAL CHECKED SATISFACTORY

LEFT MAGNETO P/N 10-500556-101 S/N D07BA142 REMOVED. REINSTALLED LEFT MAGNETO P/N 10-500556-101 S/N S/N D07BA142 AFTER 500 HOUR INSPECTION BY AIRCRAFT ELECTRICAL COMPONETS, INC. CRS S7HR883J UNDER THERE W/O 32353 DATED 29/JUN/2016.

RIGHT MAGNETO P/N 10-500556-101 S/N D07BA197 REMOVED. REINSTALLED RIGHT MAGNETO P/N 10-500556-101 S/N S/N D07BA197 AFTER 500 HOUR INSPECTION BY AIRCRAFT ELECTRICAL COMPONETS, INC. CRS S7HR883J UNDER THERE W/O 32354 DATED 29/JUN/2016.

ENGINE HAS AN OIL LEAK FOUND OIL IN THE RIGHT SIDE INDUCTION. FLUSHED INDUCTION AND CLEANED TURBO OIL SUPPLY CHECK VALVE.

STARTER DRIVE ADAPTER P/N 642083A12 REMOVED. REINSTALLED STARTER DRIVE ADPATER P/N 642083A12 REPAIRED BY G&N AIRCRAFT UNDER W/O 71887 06-27-2016.

SKY-TEC STARTER P/N C24ST5 S/N 4C5-051304 REMOVED. INSTALLED NEW TEMPEST STARTER P/N PL13484 S/N 1600625.

I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.

Date:

07/14/2016


Scott Goodfellow

AP3349690



CB Aviation, Inc.

3715 Airport Road

Ogden, Utah 84405

Phone: 801-621-0326

N215JP

**CONTENTITAL
IO-550-N**

S/N:
689507

TSN:
1515.1

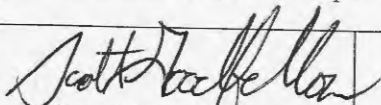
Tach Time:
1515.1

ENGINE OIL DRAINED HOT. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NONE FOUND. OIL SAMPLE TAKEN MID STREAM. NEW OIL FILTER P/N CH48108-1 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 7 QTS OF XC 20-50W OIL. OPERATIONAL AND LEAK CHECK SATISFACTORY.



I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.

Date:

27OCT2016


Scott Goodfellow

AP3349690

			CB Aviation, Inc.	
			3715 Airport Road	
			Ogden, Utah 84405	
			Phone: 801-621-0326	
N215JP	CONTENITAL IO-550-N	S/N: 689507	TSN: 1532.0	Tach Time: 1532.0
ENGINE CRANKSHAFT SEAL REPLACED WITH NEW SEAL P/N 641250. PROPELLER REMOVED AND REINSTALLED WITH NEW O-RING P/N C-3317-228 PER CIRUUS SR22 M.M. 61-10. OPERATIONAL AND LEAK CHECK SATISFACTORY.				
I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.				
Date: 15/DEC/2016	 Scott Goodfellow		AP3349690	




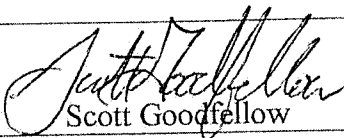

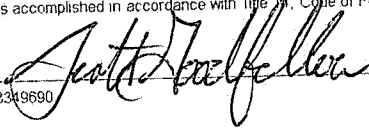

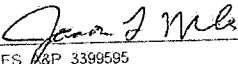
4170 US Hwy. 2 East Kalispell, MT 59901 406-755-5362


3-15-17, N215JP, SR22, 22-2493, TAT & Hobbs 1558.7

TCM IO 550 N, S/N 689507, TSN 1558.7

Drained oil, sent sample to Blackstone, cut & inspected filter, no contamination noted at this time. Serviced W new ch48108 filter & Phillips 20/50 XC & Camgaurd. C/W Savvy Maint 50 Hr. insp. Adjusted oil pressure up approx 10 PSI to achieve middle green reading at normal operating temp. Replaced #3 CHT probe W/ new P/N 16578-001. Performed ground run and all leak & operational checks ok.

Steve N. Wells AP3037638

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
	Hrs.	Min.	Hrs.	Min.					
Brought Forward					 <div> CB Aviation, Inc. 3715 Airport Road Ogden, Utah 84405 Phone: 801-621-0326 </div>				
					N215JP	CONTENTITAL IO-550-N	S/N: 689507	TSN: 1612.1	FLITE: 1612.1
					ENGINE HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER CIRRUS DESIGN SR22 INSPECTION CHECKLIST 05-20 AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. ENGINE OIL DRAINED HOT. SAMPLE TAKEN. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NONE FOUND. NEW OIL FILTER P/N CH48108-2 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 8 QTS OF XC 20-50W OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY ENGINE COMPRESSIONS CHECKED AS FOLLOWS, CYL # 1 70/80. # 2 70/80. # 3 60/80. # 4 74/80. # 5 72/80. # 6 75/80. OPERATIONAL CHECKED SATISFACTORY. BORESCOPE INSPECTION C/W ON ALL (6) CYLINDERS. NO DEFECTS NOTED THIS DATE #1, #3, AND #5 FUEL INJECTORS REMOVED, CLEANED, AND REINSTALLED. I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.				
					Date: 11/AUG/2017	 Scott Goodfellow			AP3349690
					<div> ENGINE MODEL IO-550-N ENGINE S/N: 689507 REG NO N215JP WORK ORDER 144 </div> <div>  CB Aviation, Inc. 3715 Airport Rd Ogden, UT 84405 USA Phone 801-621-0326 </div> <div> DATE 11/17/2017 A/C TSN 1679.9 ENG TT TSMOH HOBBS 1679.9 </div>				
					Engine Entries (1) ENGINE OIL DRAINED HOT. OIL SAMPLE TAKEN. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NO ANOMALIES FOUND. NEW OIL FILTER P/N CH48108-2 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 7 QTS OF XC 20W-50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY. (7) LEFT MAGNETO MODEL S6RCSC-25P S/N D07BA142 REMOVED. INSTALLED REPAIRED AND 500 HOUR INSPECTED MAGNETO P/N 10-500556-101 S/N D07BA142 BY PRECISION AIR POWER CRS 8W3R798C UNDER W/O 18523 DATED 11-16-17. OPERATIONAL AND LEAK CHECK SATISFACTORY. I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.				
					DATE: 11/17/2017	SIGNED:  scott, A&P: 3349690			Work Order: 144 Printed by EBis 3 (datcomedia.com)
					<div> ENGINE MODEL IO-550-N ENGINE S/N: 689507 REG NO N215JP WORK ORDER 309 </div> <div>  CB Aviation, Inc. 3715 Airport Rd Ogden, UT 84405 USA Phone 801-621-0326 </div> <div> DATE 4/19/2018 A/C TSN ENG TT TSMOH HOBBS 1722.5 </div>				
					Engine Entries (1) ENGINE OIL DRAINED HOT. OIL SAMPLE TAKEN. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NO ANOMALIES FOUND. NEW OIL FILTER P/N CH48108-2 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 7 QTS OF XC 20W-50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY. I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.				
					DATE: 4/19/2018	SIGNED:  JASON MILES, A&P 3399595			Work Order: 309 Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
ENGINE MODEL 10-550-N ENGINE S/N 689507 REG NO N215JP WORK ORDER 373			 CB Aviation, Inc. 3715 Airport Rd. Ogden, UT 84405 USA Phone 801-621-0326		DATE 8/19/2018 A/C TSN ENG TT TSMOH HOBBS 1759.6
Engine Entries (1) ENGINE OIL DRAINED SAMPLE TAKEN OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS NONE FOUND NEW OIL FILTER P/N CH48108-2 INSTALLED AND SAFETIED ENGINE SERVICED WITH 7 QTS OF XC 20-50W OIL RAN AIRCRAFT LEAK CHECK SATISFACTORY I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed. DATE: 6/19/2018 SIGNED:  ANGEL MARTINEZ, A&P AP3444980 Work Order: 373 Printed by EBis 3 (datcomedia.com)					
ENGINE MODEL 10-550-N ENGINE S/N 689507 REG NO N215JP WORK ORDER 466			 CB Aviation, Inc. 3715 Airport Rd. Ogden, UT 84405 USA Phone 801-621-0326		DATE 9/19/2018 A/C TSN ENG TT TSMOH HOBBS 1759.8 1795
Engine Entries (4) THIS ENGINE HAS BEEN INSPECTED FOR A 100 HR INSPECTION PER FAR 43 APPENDIX D AND IS RETURNED TO SERVICE IN AN AIRWORTHY CONDITION THIS DATE AND TIME. (5) ENGINE OIL DRAINED SAMPLE TAKEN OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS NONE FOUND NEW OIL FILTER P/N AA48108-2 INSTALLED AND SAFETIED ENGINE SERVICED WITH 7 QTS OF XC 20-50W OIL RAN AIRCRAFT LEAK CHECK SATISFACTORY (6) ENGINE COMPRESSION AS FOLLOWS #1 CYL 70/80, #2 CYL 68/80, #3 CYL 68/80, #4 CYL 72/80, #5 CYL 70/80, #6 CYL 70/80 (7) ENGINE CYLINDER BORESCOPE INSPECTION C/W NO DEFECTS NOTED AT THIS TIME I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed. DATE: 9/19/2018 SIGNED:  SCOTT GOODFELLOW, A&P 3349690 Work Order: 466 Printed by EBis 3 (datcomedia.com)					
ENGINE MODEL 10-550-N ENGINE S/N 689507 REG NO N215JP WORK ORDER 534			 CB Aviation, Inc. 3715 Airport Rd. Ogden, UT 84405 USA Phone 801-621-0326		DATE 10/17/2018 A/C TSN ENG TT TSMOH HOBBS 1834.3
Engine Entries (1) ENGINE OIL DRAINED OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS NONE FOUND NEW OIL FILTER P/N CH48108-2 INSTALLED AND SAFETIED ENGINE SERVICED WITH 8 QTS OF XC 20-50W OIL RAN AIRCRAFT LEAK CHECK SATISFACTORY I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed. DATE: 10/17/2018 SIGNED:  ANGEL MARTINEZ, A&P AP3444980 Work Order: 534 Printed by EBis 3 (datcomedia.com)					
ENGINE MODEL 10-550-N ENGINE S/N 689507 REG NO N215JP WORK ORDER 571			 CB Aviation, Inc. 3715 Airport Rd. Ogden, UT 84405 USA Phone 801-621-0326		DATE 11/15/2018 A/C TSN ENG TT TSMOH HOBBS 1879.2
Engine Entries (1) ENGINE OIL DRAINED OIL SAMPLE TAKEN OIL FILTER P/N AA48108-2 REMOVED AND INSPECTED FOR CONTAMINANTS NONE FOUND NEW OIL FILTER P/N CH48108-2 INSTALLED AND SAFETIED ENGINE SERVICED WITH 7 QTS OF XC 20-50W OIL RAN AIRCRAFT LEAK CHECK SATISFACTORY I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed. DATE: 11/15/2018 SIGNED:  ANGEL MARTINEZ, A&P AP3444980 Work Order: 571 Printed by EBis 3 (datcomedia.com)					

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

Brought Forward

ENGINE MODEL IO-550-N
ENGINE S/N 689507
REG NO N215JP
WORK ORDER 573



CB Aviation, Inc.
3715 Airport Rd
Ogden, UT 84405 USA
Phone 801-621-0326

DATE 12/3/2018
A/C TSN
ENG TT
TSMOH
HOBBS 1879.9

Engine Entries

(2) LEFT MAG P/N S6RSC-25P S/N D07CA197 REMOVED. REINSTALLED OVERHAULED LEFT MAG P/N S6RSC-25P S/N D07CA197 FROM AIRCRAFT ELECTRICAL COMPONENTS INC W/O 488 CERT# S7HR883J DATED 30/NOV/2018 OPERATIONAL AND LEAK CHECK SATISFACTORY
(4) RIGHT MAG P/N S6RSC-25P S/N D07BA142 REMOVED. REINSTALLED OVERHAULED RIGHT MAG P/N S6RSC-25P S/N D07BA142 FROM AIRCRAFT ELECTRICAL COMPONENTS INC W/O 488 CERT# S7HR883J DATED 30/NOV/2018 OPERATIONAL AND LEAK CHECK SATISFACTORY

I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.

DATE: 12/3/2018

SIGNED:

ANGEL MARTINEZ, A&P AP3444980

Work Order: 573

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ENGINE MODEL IO-550-N
ENGINE S/N 689507
REG NO N215JP
WORK ORDER 608



CB Aviation, Inc.
3715 Airport Rd
Ogden, UT 84405 USA
Phone 801-621-0326

DATE 12/27/2018
A/C TSN
ENG TT
TSMOH
HOBBS 1922.8

Engine Entries

(1) ENGINE OIL DRAINED HOT. OIL SAMPLE TAKEN. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NO ANOMALIES FOUND. NEW OIL FILTER P/N CH48108-2 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 7 QTS OF XC 20W-50 OIL. RAN AIRCRAFT LEAK CHECK SATISFACTORY

I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.

DATE: 12/27/2018

SIGNED:

ANGEL MARTINEZ, A&P AP3444980

Work Order: 608

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wo: WO_6

MANCARONE

H1 - 3427 West Taxi Lane 20 - Provo, Utah 84601 - 385-429-2055

Engine - page 1 of 1

N215JP

February 20, 2019

Hobbs: 1975.5

Complied with 50 hr. Oil change. Drained oil hot. Captured oil sample, sent out for analysis. Filled with 7 qts new X/C 20w 50 at customers request. Removed, cut and inspected oil filter P/N AA48108-2, no contaminants found. Installed new oil filter P/N CH48108-1, torqued to 18 ft. Lbs and safety wired. Performed general visual inspection of engine, components, exhaust and turbos. No defects noted. Performed post maintenance engine run up and leak check. Operational check satisfactory. No leaks detected.

Chris Austin A&P 3671274

ENGINE MODEL IO-550-N
ENGINE S/N 689507
REG NO N215JP
WORK ORDER 655



CB Aviation, Inc.
3715 Airport Rd
Ogden, UT 84405 USA
Phone 801-621-0326

DATE 3/19/2019
A/C TSN
ENG TT
TSMOH
HOBBS 2007

Engine Entries

(1) ENGINE OIL DRAINED HOT. OIL SAMPLE TAKEN. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NO ANOMALIES FOUND. NEW OIL FILTER P/N AA48108-2 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 7 QTS OF XC 20W-50 OIL. RAN AIRCRAFT LEAK CHECK SATISFACTORY

I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.


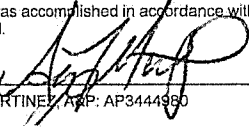

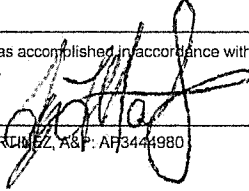

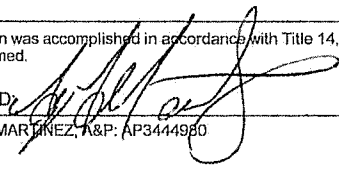

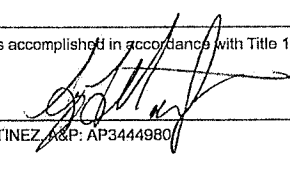
DATE: 3/19/2019

SIGNED:

ANGEL MARTINEZ, A&P AP3444980

Work Order: 655

Printed by EBis 3 (datamedia.com)

Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record	
			Installations, Inspections, Airworthiness Directives, Special Inspections,	
Brought Forward	ENGINE MODEL: IO-550-N ENGINE S/N: 689507 REG. NO: N215JP WORK ORDER: 662		 CB Aviation, Inc. 3715 Airport Rd. Ogden, UT 84405 USA Phone: 801-621-0326	DATE: 4/2/2019 A/C TSN: ENG TT: TSMOH: HOBBS: 2032.7
Engine Entries				
(1) STARTER DRIVE ADAPTER P/N 629530 OVERHAULED BY G&NAIRCRAFT W/O 73627 DATED MAR/27/2019. REINSTALLED STARTER DRIVE ADAPTER P/N 629530 PER CIRRUS SR22 AMM 80-10-03. OPERATIONAL AND LEAK CHECK SATISFACTORY.				
I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.				
DATE: 4/2/2019	SIGNED: 		Work Order: 662	
		ANGEL MARTINEZ, A&P: AP3444980	Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL: IO-550-N ENGINE S/N: 689507 REG. NO: N215JP WORK ORDER: 694				
 CB Aviation, Inc. 3715 Airport Rd. Ogden, UT 84405 USA Phone: 801-621-0326				
DATE: 4/23/2019 A/C TSN: 2061.6 ENG TT: TSMOH: TACH:				
Engine Entries				
(1) ENGINE OIL DRAINED HOT. OIL SAMPLE TAKEN. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NO ANOMALIES FOUND. NEW OIL FILTER P/N AA48108-2 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 7 QTS OF XC 20W-50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY				
I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.				
DATE: 4/23/2019	SIGNED: 		Work Order: 694	
		ANGEL MARTINEZ, A&P: AP3444980	Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL: IO-550-N ENGINE S/N: 689507 REG. NO: N215JP WORK ORDER: 717				
 CB Aviation, Inc. 3715 Airport Rd. Ogden, UT 84405 USA Phone: 801-621-0326				
DATE: 5/14/2019 A/C TSN: 2100.6 ENG TT: TSMOH: HOBBS: 2100.6				
Engine Entries				
(1) ENGINE OIL DRAINED HOT. OIL SAMPLE TAKEN. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NO ANOMALIES FOUND. NEW OIL FILTER P/N AA48108-2 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 7 QTS OF XC 20W-50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY				
I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.				
DATE: 5/14/2019	SIGNED: 		Work Order: 717	
		ANGEL MARTINEZ, A&P: AP3444980	Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL: IO-550-N ENGINE S/N: 689507 REG. NO: N215JP WORK ORDER: 777				
 CB Aviation, Inc. 3715 Airport Rd. Ogden, UT 84405 USA Phone: 801-621-0326				
DATE: 7/9/2019 A/C TSN: 2138.2 ENG TT: TSMOH: HOBBS: 2138.2				
Engine Entries				
(1) ENGINE OIL DRAINED HOT. OIL SAMPLE TAKEN. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NO ANOMALIES FOUND. NEW OIL FILTER P/N AA48108-2 INSTALLED AND SAFETIED. ENGINE SERVICED WITH 7 QTS OF XC 20W-50 OIL. RAN AIRCRAFT. LEAK CHECK SATISFACTORY				
I certify the work performed as described herein was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service in respect to that work performed.				
DATE: 7/9/2019	SIGNED: 		Work Order: 777	
		ANGEL MARTINEZ, A&P: AP3444980	Printed by EBis 3 (datcomedia.com)	



OIL REPORT

LAB NUMBER: K15582

UNIT ID: N215JP

REPORT DATE: 4/27/2018

CLIENT ID: 78528

CODE: 20/32

PAYMENT: CC: AmEx

UNIT

MAKE/MODEL: Continental IO-550-N (TN)
FUEL TYPE: Gasoline (Leaded)
ADDITIONAL INFO: Cirrus SR22TN, S/N 689507

OIL TYPE & GRADE: Phillips XC (A/C) 20W/50
OIL USE INTERVAL: 42 Hours

CLIENT

SHAD GUFFEY
952 CHAMBERS ST STE 1
OGDEN, UT 84403

PHONE: (801) 791-1987
FAX:
ALT PHONE:
EMAIL: shadflies@me.com, steve.weller@gacierjetcenter.com

COMMENTS

SHAD: Fuel dilution was a little high last time but it has settled right back down in this sample -- just as we expected. It's not uncommon to see fuel dilution come and go from sample to sample, and as long as it's not something that continually increases, it's not a problem. Wear metals continue to look quite good. We did the math to come up with about 42 hours on the oil, but let us know if that's not right. Assuming it is, then the improvement in iron is all the more impressive considering the longer run. Even it was a shorter interval, metals still look fine. Great report.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	42	UNIT / LOCATION AVERAGES	35	43	44	55	45	UNIVERSAL AVERAGES
	MI/HR on Unit	1,722		1,680	1,612	1,559	1,547	1,457	
	Sample Date	4/17/2018		11/15/2017	7/25/2017	3/3/2017	10/25/2016	2/15/2016	
	Make Up Oil Added			5 qts	8 qts		7 qts	5 qts	
	ALUMINUM	3		4	4	3	3	5	
	CHROMIUM	6		10	9	6	5	8	
	IRON	39		56	59	38	44	59	
	COPPER	2		2	3	3	3	4	
	LEAD	5864		7158	7132	6860	7288	8228	
	TIN	1		1	1	2	0	1	
ELEMENTS IN PARTS PER MILLION	MOLYBDENUM	2	UNIT / LOCATION AVERAGES	3	3	2	2	3	UNIVERSAL AVERAGES
	NICKEL	13		22	22	16	13	14	
	MANGANESE	0		1	1	1	1	1	
	SILVER	0		0	0	0	0	0	
	TITANIUM	0		1	1	0	0	0	
	POTASSIUM	0		0	0	0	0	2	
	BORON	0		0	0	0	0	5	
	SILICON	3		5	5	6	5	6	
	SODIUM	1		0	3	1	0	2	
	CALCIUM	7		17	42	45	44	82	
ELEMENTS IN PARTS PER MILLION	MAGNESIUM	0	UNIT / LOCATION AVERAGES	0	1	0	0	0	UNIVERSAL AVERAGES
	PHOSPHORUS	7		14	40	42	38	78	
	ZINC	0		4	5	5	21	5	
	BARIUM	0		0	0	0	0	0	

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	86.8	86-105	90.2	93.0	86.4	84.7	87.3
	cSt Viscosity @ 100°C	17.21	17.0-21.8	18.02	18.71	17.11	16.68	17.32
	Flashpoint in °F	435	>430	410	420	450	445	420
	Fuel %	<0.5	<1.0	1.0	0.5	<0.5	<0.5	0.5
	Antifreeze %	-		-	-	-	-	-
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.5	<0.6	0.4	0.4	0.6	0.4	0.5
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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OIL REPORT

LAB NUMBER: L05486

UNIT ID: N215JP

REPORT DATE: 4/1/2019

CLIENT ID: 78528

CODE: 20/32

PAYMENT: CC: AmEx

UNIT	MAKE/MODEL: Continental IO-550-N (TN)	OIL TYPE & GRADE: Phillips XC (A/C) 20W/50
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 30 Hours
	ADDITIONAL INFO: Cirrus SR22TN, S/N 689507	

CLIENT	SHAD GUFFEY	PHONE: (801) 791-1987
	952 CHAMBERS ST STE 1	FAX:
	OGDEN, UT 84403	ALT PHONE:
		EMAIL: shadflies@me.com, steve.weller@glacierjetcenter.com

COMMENTS	SHAD: No big changes to report for this engine. Wear metals are around the same levels we found last time, and steady wear typically shows healthy wear. The fact that iron and lead didn't change much shows more steel and 100LL blow-by on a per-hour basis than last time. Those metals tend to track with oil use, so we'd expect them to be lower after a shorter interval. Of course, this run need about half as much make-up oil as the last so maybe we just have a better look at actual wear levels. The viscosity remains low, but no fuel/water contamination was found.
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	MI/HR on Oil	30	UNIT / LOCATION AVERAGES	59	41	40	34	37	UNIVERSAL AVERAGES
	MI/HR on Unit	2,005		1,975	1,916	1,875	1,796	1,759	
	Sample Date	3/19/2019		2/20/2019	12/26/2018	11/15/2018	8/27/2018	6/19/2018	
	Make Up Oil Added	6 qts		13 qts	8 qts	7 qts	6 qts	7 qts	
ELEMENTS IN PARTS PER MILLION	ALUMINUM	2	4	3	4	5	3	3	7
	CHROMIUM	5	8	6	8	9	7	5	10
	IRON	40	52	41	50	59	52	40	52
	COPPER	2	3	2	3	3	2	2	6
	LEAD	6780	7668	6745	7844	8317	6481	6816	6458
	TIN	0	1	1	0	0	0	0	1
	MOLYBDENUM	2	3	2	3	4	3	2	4
	NICKEL	10	15	10	16	11	13	8	15
	MANGANESE	0	1	0	1	1	1	0	1
	SILVER	0	0	0	0	0	0	0	0
	TITANIUM	0	0	0	0	0	0	0	0
	POTASSIUM	0	1	0	0	0	1	0	1
	BORON	1	1	0	2	0	1	0	1
	SILICON	4	5	3	3	4	4	3	6
	SODIUM	1	1	1	1	1	1	1	2
	CALCIUM	53	37	35	7	10	25	9	59
	MAGNESIUM	1	0	1	0	0	0	0	1
	PHOSPHORUS	54	29	20	6	8	13	5	337
	ZINC	3	6	2	3	2	2	2	5
	BARIUM	0	0	0	0	0	0	0	0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	82.8	86-105	83.3	84.1	84.6	92.1	91.4
	cSt Viscosity @ 100°C	16.21	17.0-21.8	16.34	16.54	16.66	18.48	18.32
	Flashpoint in °F	440	>430	SHORT	435	440	470	445
	Fuel %	<0.5	<1.0	-	<0.5	<0.5	<0.5	<0.5
	Antifreeze %	-	-	-	-	-	-	-
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.4	<0.6	0.4	0.4	0.4	0.4	0.5
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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OIL REPORT

LAB NUMBER: L69021

UNIT ID: N215JP

REPORT DATE: 10/24/2019

CLIENT ID: 78528

CODE: 20/32

PAYMENT: CC: AmEx

UNIT

MAKE/MODEL: Continental IO-550-N (TN)
FUEL TYPE: Gasoline (Leaded)
ADDITIONAL INFO: Cirrus SR22TN, S/N 689507

OIL TYPE & GRADE: Phillips XC (A/C) 20W/50
OIL USE INTERVAL: 27 Hours

CLIENT

SHAD GUFFEY
952 CHAMBERS ST STE 1
OGDEN, UT 84403

PHONE: (801) 791-1987
FAX:
ALT PHONE:
EMAIL: shadflies@me.com, steve.weller@gliacierjetcenter.com

COMMENTS

SHAD: Aluminum looks okay this time around. It dropped quite a bit compared to the last two reports so we aren't as worried about a piston problem. The shorter run might be why it's lower, but it dropped enough for us to suspect it shows a genuine improvement. We'll watch it from here, while you watch for odd temps as a precaution on your end. Other metals look good and the viscosity was in spec for 20W/50. The flashpoint was a little low, showing a trace of fuel, but that's not enough to cause or show any trouble. It's from normal use. Looking good, N215JP!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	27	UNIT / LOCATION AVERAGES	43	49	38	40	55	UNIVERSAL AVERAGES
	MI/HR on Unit	2,257		2,230	2,187	2,138	2,100	2,060	
	Sample Date	10/9/2019		9/14/2019	8/14/2019	7/8/2019	5/14/2019	4/23/2019	
	Make Up Oil Added	4 qts		8 qts	8 qts	7 qts	7 qts	12 qts	
	ALUMINUM	5		12	11	3	2	3	
	CHROMIUM	4		5	5	4	4	7	
	IRON	28		34	41	37	36	54	
	COPPER	2		2	3	2	2	5	
	LEAD	5509		7144	7504	7225	5894	7989	
	TIN	0		0	0	0	1	1	
	MOLYBDENUM	1		2	2	1	2	2	
	NICKEL	6		10	10	6	8	10	
	MANGANESE	1		1	1	1	0	1	
	SILVER	0		0	0	0	0	0	
	TITANIUM	0		0	0	0	0	0	
	POTASSIUM	0		0	0	0	0	1	
	BORON	1		0	0	1	1	1	
	SILICON	6		3	4	4	3	4	
	SODIUM	1		0	1	1	1	1	
	CALCIUM	7		15	41	40	32	17	
	MAGNESIUM	0		0	0	0	0	0	
	PHOSPHORUS	8		7	21	21	18	9	
	ZINC	1		2	3	4	7	36	
	BARIUM	0		0	0	0	0	0	

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	86.0	86-105	80.6	85.0	84.7	84.7	84.0
	cSt Viscosity @ 100°C	17.02	17.0-21.8	15.67	16.76	16.69	16.69	16.52
	Flashpoint in °F	430	>430	445	425	455	460	445
	Fuel %	TR	<1.0	<0.5	TR	<0.5	<0.5	<0.5
	Antifreeze %	-	-	-	-	-	-	-
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.4	<0.6	0.3	0.3	0.5	0.4	0.4
	TBN							
	TAN							
	ISO Code							

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