

N5325R

H 2267.9
FLY 2034.4

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other specific entries.)

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
2009			
DATE			
11/18	2269.4	1.5	2269.4
11/20 22	23	2.8	2272.2
11/24	2376.1	3.4	

WASLANDMARK N 97.27 BOOK 7⁰⁰
 3. LOOPER ITZ T82-LLO-etc
 Gildart
 CAMERON BECKMAN ITZ, K9A2, KN9I, IT7

SEE LOG BOOK # 1 FOR PREVIOUS MAINTENANCE ENTRIES

C. BERNY YDSR8554
 2/22/2010

YEAR:
DATE

Repair

YEAR:
DATE

(54) Removed and replaced NLG Puck Stack P/N 14573-004 and rebound bumper P/N 18380-001 IAW CDC AMM TR 32-20-02 (56) Removed and replaced left and right aileron gap seals P/N 14573-004 IAW AMM chapter 57-50 (57) Removed and replaced NLG fork lower flange bearing P/N 50543-001 and upper bearing P/N 50544-001 IAW CDC AMM 32-20 (58) Removed and replaced NLG spindle cup P/N 18110-001 IAW CDC AMM 32-20 (61) Installed new rubstrip P/N 51168-002 to LH and RH flaps IAW CDC AMM 57-50 (62) Removed and replaced LH wing O/B hinge P/N 14573-004 IAW SR22 AMM 57-40 (63) Removed and replaced RH IB flap hinge P/N 14571-008 IAW SR22 AMM 57-40 (64) Removed corrosion from LH flap I/B hinge IAW AC43 13 1-B 6-7 and CDC repair deviation R09971, (.027" total material from hinge area which peaks out above hinge fairing. Repainted IAW SR22 AMM 51-20 (65) Removed and replaced LH MID flap hinge IAW SR22 AMM 57-40 (66) Removed corrosion from RH O/B flap hinge IAW AC43 13 1-B 6-7 and CDC repair deviation R09971, (.020" total material from hinge area which peaks out above hinge fairing). Repainted IAW SR22 AMM 51-20 (67) Removed and replaced RH and LH wing I/B fuel sending unit gaskets P/N 12638-102 IAW SR22 AMM 28-40, leak check good IAW SR22 AMM 28-10 (68) Removed corrosion from LH flap adjacent to I/B hinge fitting, alodined and primed. All work accomplished IAW CDC AMM 51-20, and AC43 13 1-B 6-7 (69) Removed and replaced LH and RH fuel cap assy's P/N 50525-101S IAW CDC AMM 28-10 (72) Removed and replaced LH elevator horn- 5584 IAW CDC AMM 55-20 (73) Replaced LH Horizontal root fairing IAW CDC AMM 51-20 (74) Replaced 2nd screw back on RH elevator horn top IAW AC43 13-1B Chapter 6-7 and CDC AMM 51-20 (75) Replaced LH and RH fuel cap assy's P/N 50525-101S IAW CDC AMM 28-10 (76) Removed and replaced LH elevator horn (76) Removed and replaced LH and RH fuel cap assy's P/N 50525-101S IAW CDC AMM 28-10 (77) Replaced LH and RH fuel cap assy's P/N 50525-101S IAW CDC AMM 28-10 (78) Replaced LH and RH fuel cap assy's P/N 50525-101S IAW CDC AMM 28-10 (79) Leak check performed satisfactory (79) Removed and replaced exhaust / heat exchanger P/N 17122-101 IAW CDC AMM 32-41 (82) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-41 (83) Brakes conditioned IAW CDC AMM 32-42 (91) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-42 (92) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-42 (93) Leak check performed satisfactory (92) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-42 (94) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-42 (95) Leak check performed satisfactory (92) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-42 (96) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-42 (97) Leak check performed satisfactory (92) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-42 (98) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-42 (99) Leak check performed satisfactory (92) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-42 (100) Removed and replaced Parachute bag/strap assy BRS P/N 13801 IAW CDC AMM 20-50 (101) Removed and replaced Parachute tab P/N 12934-002. Removed minor corrosion, treated and painted, checked balance and re-installed. All work accomplished IAW AC43 13 1-B 6-7, CDC AMM 55-40, and 51-20 (116) Removed corrosion from RH mid flap hinge IAW AC43 13 1-B 6-7 and CDC repair deviation R09971, (.015" total material from hinge area which peaks out above hinge fairing). Hinge repainted IAW SR22 AMM 51-20 (117) Removed and replaced LH and RH inboard aileron hinges P/N 11386-001 IAW SR22 AMM 57-40 (119) Performed 24 Month Altimeter system and altitude reporting equipment tests and inspections required by FAR 91.411, ATC transponder tests and inspections Required by FAR 91.413, and Data correspondence between automatically reported pressure altitude data and the pilot's altitude reference Required by FAR 91.217 IAW FAR 43 appendices E & F and AC 43-6B up to 20,000 feet. Recorded Altimeter and transponder information on Page 18 of this logbook. Next Altimeter and Transponder certification due 02/16/2012 or when otherwise required (120) Installed the left and right ailerons, set aileron cable tension and verified the left and right aileron neutral positions along with the nominal and trim travels. Travel checks satisfactory. Work done IAW SR-22 AMM 27-10 and 57-50 (121) Removed and replaced LH I/B, MID, and O/B Flap bearings. Removed and replaced RH O/B and Mid flap bearings. Used bearings P/N MS27645-4A. Work accomplished IAW CDC Repair deviation R09971 (122) Removed and replaced seat covers IAW CDC AMM 25-10 (124) Performed Magnetometer calibration IAW CDC AMM 34-20 (126) Purged RH horizontal panel IAW SR22 AMM 12-10. Ops check good IAW SR22 AMM 30-10. Leak check OK (127) Purged LH wing O/B TKS panel IAW SR22 AMM 12-10. Ops check good IAW SR22 AMM 30-10. Leak check OK (128) Removed and replaced LH and RH flaps for repair of hinges and hinge point bearings. Operational/ travel check performed satisfactory. All work accomplished IAW CDC AMM 57-50 (129) Removed and Replaced Prop Governor Assy (McCauley, P/N D-20309-22, CDC P/N 15524-001), S/N OFF (S/N 090912) S/N ON (S/N 090234) Work done IAW CDC SR22 AMM 61-20. Leak and Ops check satisfactory at this time (130) Post maintenance test fit flown by CDC test pilot and found OK (132)

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

MAKE Cirrus
 MODEL SR22-G2
 S/N 22-2134
 REG NO 532SR
 WORK ORDER
 13397-01-2010



Cirrus Factory Service Center

DATE 2/22/2010
 FLT TIME 2054.7
 HOBBS 2395.3

Airframe Entries

(3) Flight hours continued. Performed aircraft Annual/100 Hr inspection IAW cirrus mm chapter 5-20 and 5-21. (19) Inspected and operational check of ELT model E-01, S/N 056450, found serviceable, due each 4 years. (20) Battery 1 Capacity check due April 2010 or 18311-00. (21) Removed and replaced LH and RH lower engine mount Plates P/N 20140-002 and bridges P/N 18311-00. (22) Removed and replaced LH and RH lower engine mount weldment to firewall. Work was accomplished IAW CDC AMM 71-20 and 20-60. (23) Removed and replaced LH and RH lower engine mount weldment to firewall. Work was accomplished IAW CDC AMM 71-20 and 20-60. (24) IAW CDC AMM 32-42. Leak check performed satisfactory. (25) Bled brakes SL25-031 in log book # condition. (26) Updated Life limit of pilot and co-pilot seat inflators to 6-01-2016, IAW AMSAFE condition.

have reviewed the file on this aircraft and the accomplished repairs. The aircraft, airframe, aircraft engine, propeller, or appliance identified inspected in accordance with current requirements. The aircraft, airframe, aircraft engine, propeller, or appliance identified are on file at this Certified Repair Station. Federal Aviation Administration and is approved for return to service. Pertinent

DATE: 2/22/2010

SIGNED: *Charles A. Bernu*
 Charles Bernu
 Certified Repair Station No. YD5R8557

Work Order: 13397-01-2010
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RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE Cirrus
 MODEL SR22-G2
 S/N 22-2134
 REG NO 532SR
 WORK ORDER:
 13461-02-2010



Cirrus Design Factor Certified Center
 Repair Station No. YD5R855Y
 4514 Taylor Circle
 Duluth, MN 55811
 Phone: 218- 788-3438

DATE: 2/28/2010
 A/C TSN: 2403.8
 HOBBS: 2403.8

Airframe Entries

(2) Removed A/P programmer P/N 13560-001 S/N 0633-10416 and installed P/N [unclear] satisfactory

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft was repaired/inspected in accordance with current requirements of the Federal Aviation Administration. Details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 2/28/2010

SIGNED: *Joseph Sullivan*
 Joseph Sullivan
 Certified Repair Station No. YD5R855Y

Work Order: 13461-02-2010
 Printed by EBis 3 (datcomedia.com)

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MAKE Cirrus
 MODEL SR22-G2
 S/N 22-213
 REG NO 532SP
 WORK ORDER
 13462-03-2010

Cirrus Design Factory Service Center
 1514 Laurel Circle
 Elkhart, IN 46517
 Phone 219-238-2276

DATE: 3/2/2010
 A/C TSN: 24057
 FLIGHTTIME: 20586

Airframe Ent

(2) Removed S-TEC
 SR22 AMM 22-11
 WM 20-10 Remo
 by Performing A
 on the AD 2008-1
 S/N 20026207
 The altimeter (PFD S/N
 or when otherwise

installed new S-TEC 55X autopilot programmer (P/N 13560 002 S/N 0503-13747) IAW
 connector J517 (CDC P/N 5199Z-044) and pins (CDC P/N 51918-022), IAW SR22
 N 15222-006S S/N 20026207) IAW SR22 AMM 31-50. Complied with AD 2008-03-05
 number PFD is not applicable per the service bulletin serial number 3st (however it was
 section 3.3 of the service bulletin and the results were satisfactory. Tested PFD
 to part 43 of the FARs. All tests were found to be within the allowed tolerances
 requirements of FAR 43.11 on 3/1/2010. The next required altimeter certification for this unit is 3/1/2012

I have reviewed the file on this aircraft and a comparison of the repair 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. Permanent
 details of repair are on file at this Certified Repair Station, LRS 100005Y.

DATE: 3/2/2010

SIGNED: *Nick Lacourciere*
 Nick Lacourciere
 Certified Repair Station No. 100005Y

Work Order: 13462-03-2010
 Printed by EBis 3 (dateo-media.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.	

ENGINE MODEL IO-550-N (42B)
ENGINE S/N 1001064
REG NO 532SR
WORK ORDER 13398-01-2010



Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3438

DATE 2/22/2010
A/C TSN 2395.3
ENG TT 0
FLIGHTTIME 2054.7

Engine Entries

(6) Installed NEW TCM engine model IO550N42B, S/N 1001064 with a TT of 0hrs on Aircraft SR22, S/N 2184, reg. N532SR (airframe hobbs 2395.3). All work accomplished IAW CDC AMM 71-00 Operational leak check performed good (80) Removed and Replaced Secondary Alternator, BC410-1, (P/N 13565-001), S/N OFF (S/N 0153301), S/N ON (S/N 0797581K) (0.0 HRS, TT on part) Work done IAW CDC SR22 AMM 24-30

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: 2/22/2010

SIGNED: *Charles Bernu*
Charles Bernu
Certified Repair Station No. YD5R855Y

Work Order: 13398-01-2010
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ENGINE MODEL IO-550-N (42)
ENGINE S/N 689910
REG NO 532SR
WORK ORDER 13397-01-2010



Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3438

DATE 2/22/2010
A/C TSN 2054.7
ENG TT 2392
HOBBS 2395.3

Engine Entries

(4) Flight meter 2054.7 - Performed engine Annual/100HR inspection IAW cirrus mm chapter 5-20 and 5-30. (7) Researched ADs through bi-weekly issue 2010-03, all ADs are in compliance at this time. (10) Serviced engine with 8QTS of Phillips 20W-50 Mineral oil. Use mineral oil only for next 25 hours (until 2079.7 flt hrs.) Leak and operational check good, work performed IAW cirrus mm chapter 12-10. (11) Performed engine cylinder compression and boroscope inspections, no discrepancies noted on boroscope inspection, compressions are as follows: #1- 74/80, #2- 70/80, #3- 70/80, #4- 70/80, #5- 75/80, #6- 72/80, master onice reading of 45, work performed IAW TCM MM section 19, and TCM S.B. 03-3. (12) Installed new RHB32S spark plugs QTY 12 IAW CDC AMM 74-20. (13) Performed magneto to engine timing inspection, no discrepancies noted on inspection, work performed IAW TCM MM section 12. (14) Removed and replaced induction air filter with new, P/N BA-24 IAW cirrus mm chapter 71-60. (16) Performed fuel pressure setups on engine driven fuel pump IAW TCM SID 97-3E. (33) I certify that this Engine has been inspected IAW a 100hr/ Annual inspection and was determined to be in an 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: 2/22/2010

SIGNED: *Charles Bernu*
Charles Bernu
Certified Repair Station No. YD5R855Y

Work Order: 13397-01-2010
Printed by EBIS 3 (datcomedia.com)

Date 03-22-2010 IO550 N42B S/N 1001064
Tach 2078.5 TTSN 24.5

Drained oil and serviced with 7qts Phillips XC 20W50. Remove oil filter and replaced with Champion 48108-1. cut open old filter and inspected for contaminates none found .performed engine run to check for leaks (no leaks noted).

W.A. Onderdonk III A&P 467157126 *W.A. Onderdonk III*

ENGINE MODEL:
IO-550-N (42)
ENGINE S/N: 1001064
REG NO: N545CB
WORK ORDER: 112871

Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, Texas 75001
Phone: 972-267-2376

DATE: 9/15/2010
A/C TSN: 2196.3
ENG TT: 2196.3
FLIGHTTIME: 2196.3

Engine Entries

The oil and filter was changed and serviced with 8 quarts of AeroShell 100W and a new CH48108-1 filter. An oil sample was collected for analysis by Blackstone Laboratories.

Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 9/15/2010

SIGNED: *Daw. Isaiah*
Daw. Isaiah
Certified Repair Station No. 5CSR009B

Work Order: 112871
Printed by EBIS 3 (datcomedia.com)

PROP MODEL
PHC-J3YF-1RF
PROP S/N: FP5024B
REG. NO: 532SR
WORK ORDER
13398-01-2010



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3438

DATE 1/13/2010
A/C TSN 2054.7
PROP TT: 2054.7
HOBBS: 2395.3

Prop Entries

(7) FLIGHT Reads: 2054.7. Removed Propeller PHC-J3YF-1RF/F7693DBF, S/N FP5024B from Aircraft N532SR, SR22 (S/N 2134) with a total time of 2054.7 hours for overhaul at other agency. All work was accomplished IAW CDC AMM 61-10.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was inspected in accordance with current requirements of the Federal Aviation Administration and a list of discrepancy(ies) were provided to current owner/operator. Pertinent details of the inspection is on file at this Certified Repair Station No. CRS YD5R855Y.

DATE: 1/13/2010

SIGNED:

Charles Bernu
Certified Repair Station No. YD5R855Y

Work Order: 13398-01-2010

Printed by EBis 3 (datcomedia.com)

PROP MODEL
PHC-J3YF-1RF
PROP S/N FP5024B
REG NO 532SR
WORK ORDER
13398-01-2010



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone 218-788-3438

DATE 2/22/2010
A/C TSN 2395.3
PROP TT 2054.7
FLIGHTTIME 2054.7

Prop Entries

(8) Installed Propeller PHC-J3YF-1RF/F7693DBF, S/N FP5024B on Aircraft N532SR, SR22 (S/N 2134) with a total time of 2054.7 hours 0hrs SMOH after overhaul at other agency. All work was accomplished IAW CDC AMM 61-10, 30-60 ... (9) Performed dynamic balance of propeller IAW SR22-AMM 61-10 and Microwbe Instructions. Added weights to position 70, (10.3) Grams and position 310, (9.7) Grams. Condition was @ 0.081 IPS @ 2000 rpm.

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: 2/22/2010

SIGNED:

Charles A. Bernu

Charles Bernu
Certified Repair Station No. YD5R855Y

Work Order: 13398-01-2010

Printed by EBis 3 (datcomedia.com)

PROP MODEL
PHC-J3YF-1RF
PROP S/N FP5024B
REG NO 532SR
WORK ORDER
13397-01-2010



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone 218-788-3438

DATE 2/22/2010
A/C TSN 2054.7
PROP TT 2054.7
HOBBS 2395.3

Prop Entries

(5) Flight meter 2054.7 - Performed propeller Annual/100HR inspection IAW cirrus mm chapter 5-20 and 5-30 ... (8) Researched ADs through bi-weekly issue 2010-03 all ADs are in compliance at this time ... (17) Lubricated propeller hub with Aeroshell No. 5 grease IAW Hartzell Owners Manual 115N, section 61-00-15 ... (34) I certify that this Propeller has been inspected IAW a 100hr/ Annual inspection and was determined to be in an 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: 2/22/2010

SIGNED:

Charles A. Bernu

Charles Bernu
Certified Repair Station No. YD5R855Y

Work Order: 13397-01-2010

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