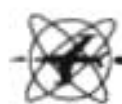


XNAX85ME08L



The Standard

AIRCRAFT LOG

ASA-SA-1

The Standard Aircraft Log
SA-1

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ASA-SA-1

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P N R A S A - S A - 1

ISBN 978-1-56027-419-3



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Aircraft Record General Information

Manufacturer CIRRAUS Model SF 22
 Serial SR-22 2134 Registration Number N532SR
 Date of Manufacture 2006

Engine(s) currently installed:

Manufacturer TCM Model IO-550N42B Serial 1001864
 Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer HARTZELL Model PHL-J3YE-10F / F7693DEB
 HUB Model _____ Serial FP-5024B Serial _____
 Blade Model F7693DEB Serial K43000 Serial K43001 Serial K43004
 Blade Model _____ Serial _____ Serial _____ Serial _____

Registered Owner Record

Name CAMERON BACKMAN Address _____

City SAN ANTONIO State TX From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

H
2367.9

FLY
2034.4

N5325R

YEAR: 2009	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.)
11/18	2369.4	1.5	2369.4	DAVID GILBERT GAS LANDMANN 97.27 BOOK 1 st K9A2, K49Z, IT7
11/20 22	2372.7	2.8	2372.2	DAVID GILBERT 782-LLD - etc
11/24	2376.1	3.4		DAVID GILBERT CAMERON (PERMANENT) IT7, K9A2, K49Z, IT7
SEE LOG BOOK #1 FOR PREVIOUS MAINTENANCE ENTRIES				C. PERMANENT YDS. 88.8888 2/22/2010

MAKE Cirrus
MODEL SR22-G2
S/N 22-2134
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
C/AC TSN 2395 3
FLIGHTTIME 2054 7

repair

Airframe Entries


(1) Removed TCM engine model IO550N42, S/N 688910 with a hobbs of 2395 IO550N42B, S/N 1001064 with a TT of 0 hrs on Aircraft SR22, S/N 2134, reg N532SR (airframe) 71-00 (11) Performed foam core replacement repair in burned areas of LH lower cowling upper with heat reflective tape IAW Standard maintenance practices (12) Performed foam core replacement repair in area of RH lower cowling upper with heat reflective tape IAW Standard maintenance practices (13) Performed foam core replacement repair in area of LH lower cowling outer mounting hole Installed fairing All work accomplished IAW CDC AMM 51-20, 32-10 (14) Installed fairing All work accomplished IAW CDC AMM 51-20, 32-10 (15) Removed and replaced lower cowling fairing outer mounting hole IAW CDC AMM 51-20, 32-10 (16) Installed fairing All work accomplished IAW CDC AMM 51-20, 32-10 (17) Removed and replaced lower cowling fairing outer mounting hole IAW CDC AMM 51-20, 32-10 (18) Removed and replaced lower cowling fairing outer mounting hole IAW CDC AMM 51-20, 32-10 (19) Removed and replaced lower cowling fairing outer mounting hole IAW CDC AMM 51-20, 32-10 (20) Removed and replaced landing light lens P/N 17298-001 IAW SR22 AMM 33-40 (21) Removed and replaced landing light lens P/N 20247-104 and rubber mounts for light assy P/N 20375-001 IAW CDC AMM 20-50 (22) Removed and replaced door latches P/N 50701-002 IAW CDC AMM 20-50 (23) Removed and replaced aft NLG strut P/N 20665-003 on lower cowling IAW CDC AMM 71-10 (24) Repaired lower cowling fairing bottom edge Installed fairing All work accomplished IAW CDC AMM 51-20, 32-20 (25) Repaired RH lower MLG fairing I/P panel Installed fairing All work accomplished IAW CDC AMM 51-20, 32-10 (26) Removed and replaced LH MLG mid fairing P/N 14539-001 IAW CDC AMM 32-10 (27) Repaired RH MLG mid fairing mounting hole Installed fairing All work accomplished IAW CDC AMM 51-20, 32-10 (28) Removed and replaced LH MLG lower I/B wheel pant bracket P/N 17205-001 IAW CDC AMM 20-60 and 32-10 (29) Removed and resealed LW11 and RW11 wing fuel bay panels IAW CDC AMM 20-10 and 28-10 Leak check good (30) Removed and replaced Cabin headliner IAW CDC AMM 25-10 (32) Repaired LH trailing edge I/B of LH flap corner IAW CDC AMM 51-20, 51-70 (33) Constructed New POH complete with current equipment list, Re-weighed aircraft and Updated weight and balance record and supplement listings IAW CDC AMM 8-20 (34) Removed and replaced RH and LH entry grab handles P/N 10690-002 IAW SR22 AMM 53-20 (35) Removed and replaced spinner baffle P/N 1480-002 IAW CDC AMM 71-00 and TCM IO-556 EMM X30634 (36) Removed and replaced LH engine baffle P/N 15475-002 IAW CDC AMM 71-00 (37) Removed and replaced two fasteners on RH aft baffling Mag seal retainer Stop drilled and repaired crack on baffling behind Cyl #1 with a doubler All work accomplished IAW CDC AMM 71-00 and AC43 13-1B 4-4 (38) Removed and replaced Throttle body Induction duct flapper assy P/N 15710-001 and bushings P/N 50299-101 IAW CDC AMM 71-60 (39) Removed and replaced RH fwd baffle P/N 15487-002 IAW CDC AMM 71-00 (40) Removed and replaced LH fwd baffling P/N 15477-001 IAW CDC AMM 71-00 (41) Removed and replaced LH and RH I/B and O/B tailpipe springs P/N 51381-001 IAW CDC AMM 78-20 (42) Removed and replaced LH and RH tailpipe ground straps P/N MS25083-6BB6 IAW CDC AMM 78-20 (43) Removed and replaced LH fuel drain line P/N 13914-002 IAW CDC AMM 71-70 Leak check performed OK (44) Removed and replaced glareshield assy P/N 14653-004 IAW CDC AMM 25-10 (45) Removed and replaced Mixture rod end at fuel pump P/N 11314-003 IAW CDC AMM 76-10 (50) Removed and replaced L/H exhaust muffler with Serviceable P/N 14836-001S, part has 5.3 hrs TT at installation Reference 8130-3 dated 7/28/2010 All work accomplished IAW CDC AMM 78-20 (51) Removed and replaced battery 2, P/N 50979-001 IAW SR22 AMM 24-30 (53) Removed and replaced LH and RH tailpipes P/N 15077-002 IAW CDC AMM 78-20

51X
2054-7
Hobbs
2395.3

YEAR:

DATE

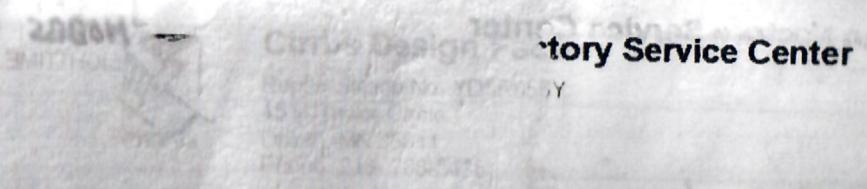
(54) Removed and replaced NLG Puck Stack P/N 18380-001 (6ea) and rebound bumper P/N 18380-001 IAW CDC AMM_TR 32-20-02 (56) Removed and replaced left and right aileron gap seals P/N 14573-004 IAW AMM chapter 57-50 (57) Removed and replaced NLG fork lower flange bearing P/N 50543-001 and upper bearing 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. Replaced LH and RH fuel cap assy's P/N 50525-1015 IAW CDC AMM 28-10 (72) Removed and replaced LH elevator P/N 5584 IAW CDC AMM 55-20 (73) Replaced LH Horizontal root fairing IAW CDC AMM 53-50 (75) Tightened 2nd screw back on RH elevator horn top IAW AC43 13-1B Chapter 6-7 and CDC AMM 51-20 (76) Removed corrosion from LH flap hinge IAW CDC AMM 28-10. Continually check good (78) Removed and replaced heat exchanger P/N 14573-004 (79) Leak check performed satisfactory (79) Removed and replaced exhaust fan (80) Removed and replaced RH MLG wheel assy P/N 17122-101 IAW CDC AMM 32-41 (82) Removed and replaced parking brake valve and master cylinder P/N 14573-004 (83) Brakes conditioned IAW CDC AMM 32-42 (91) Removed and replaced LH door hinge P/N 20246-001 IAW CDC AMM 20-50 (92) Removed and replaced RH door hinge P/N 18200-003 IAW SR22 AMM 20-50 (100) Removed and replaced Parachute bag/strap assy BRS P/N 13801 IAW Repair Deviation R09963 and CDC Caps Component Manual 95-01-01 (101) Removed and replaced rudder trim 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 43-08 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 050912), 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 flt flown by CDC test pilot and found OK (132)

YEAR: _____ DATE	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 Facility. (See back pages for other specific entries.)
				<p>MAKE Cirrus  Cirrus Factory Service Center</p> <p>MODEL SR22-G2 S/N 22-2134 REG NO 532SR WORK ORDER 13397-01-2010</p> <p>Airframe entries:</p> <p>(3) Flight continued. Performed aircraft Annual/100 Hr. inspection IAW cirrus min chapter 5-20 and 2010-03, all ADs are in compliance at this time. (20) Battery 1 Capacity check due April 2010 or inspection and operational check of ELT model E-01 S/N 050450, found serviceable, due each 18311-00. (24) Removed and replaced LH and RH lower engine mount Plates P/N 20140-002 and bridges P/N 101-34500 IAW CDC AMM 32-42. Leak check performed satisfactory. (25) Bleed brakes Removed and replaced IAW AMSAFE. (26) Updated Life limit of pilot and co-pilot seat inflators to 8-01-2010 IAW AMSAFE. as been inspected IAW a 100hr/ Annual inspection, and was determined to be in an airworthy condition.</p> <p>I have reviewed the file on this aircraft and the aircraft has been inspected in accordance with current requirements. The aircraft, airframe, aircraft engine, propeller, or appliance identified are on file at this Certified Repair Station CF. Federal Aviation Administration and is approved for return to service. Pertinent</p> <p>DATE: 2/22/2010</p> <p>SIGNED: <i>Charles A. Bernu</i> Charles Bernu Certified Repair Station No. YD5R855Y</p> <p>Work Order: 13397-01-2010 Printed by EBis 3 (datcomedia.com)</p>

DATE: 2/22/2010
 FLT TIME: 2054.7
 HOURS: 2395.3

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 Facility. (See back pages for other specific entries.)
DATE				

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



DATE: 3/2/2010
 A/C TSN: 34057
 FLIGHTTIME: 2058.6

Airframe En*

(2) Removed S-TEC
 SR22 AMM 22-11
 WM 20-10. Replaced
 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: 0833-13747) IAW
 connector J517 (CDC P/N: 51992-044) and pins (CDC P/N: 51978-022). IAW SR22
 N: 15222-006S S/N: 20026207) IAW SR22 AMM 31-60. Complied with AD 2009-05-05
 number PFD is not applicable per the service bulletin serial number list (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.
 111 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 the work performed. The aircraft, airframe, aircraft engine, propeller, or appliance identified
 was repaired/inspected in accordance with current requirements. The work performed is approved for return to service. Pertinent
 details of repair are on file at this Certified Repair Station (CRS) at Doron, NY.

DATE: 3/2/2010

SIGNED: *Nick Lacoursiere*
 Nick Lacoursiere
 Certified Repair Station No. YD5R855Y

Work Order: 13462-03-2010
 Printed by EBIS 3 (datcomedia.com)

**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.)

MAKE Cirrus
MODEL SR22-G2
S/N. 22-2134
REG NO 532SR
WORK ORDER
13471-03-2010



Cirrus Design Factory Service Ce

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

DATE 3/2/2010
H8885
TSN 2410
2063

Airframe Entries

(2) Removed and replaced the #1 and #2 10 Amp PFD circuit breakers P/N. 50350-010 IAW SR22 AMM

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe 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: 3/2/2010

SIGNED: 

Mike Grew
Certified Repair Station No. YD5R855Y

Printea

.-03-2010

jm)

REMOVED
J.R.
8-24-10

MAKE: Cirrus
MODEL: SR-22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 112802

Clear Star Aviation

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

DATE: 8/11/2010
A/C TSN: 2171.9
FLIGHTTIME: 2171.9

Airframe Entries

Installed new clamp P/N 50743-701 on the alternate air bracket..Installed new tire S/N 01022301 on the nose wheel assembly..Installed new cabin door R/H lower latch..Resealed the #2 Comm. antenna..Installed new sections of aft cowl seal and protective tape on the lower cowl as required..Installed new tail tie down bumper..Removed R/H wing root fairing, repaired electrical bond to the wing ground straps, and reinstalled the R/H wing root fairing..Installed new brake caliper o-rings, temperature labels, and bleed the brakes..Installed new left outboard aileron hinge P/N 11775-902..Torqued nose rear pivot bushings..Installed new A/C drive grommets..Installed new air filter element..Installed new #6 exhaust header P/N 15074-001..Installed new rebound bumper..Stop drilled crack, fabricated doubler from .050 2024-T3, and installed on L/H baffle..Evacuated and serviced the air conditioning with 1.8lbs of R-134a..Rotated main landing gear tires.

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

DATE: 8/11/2010

SIGNED:

Work Order: 112802

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR-22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 112819

Clear Star Aviation

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

DATE: 8/11/2010
A/C TSN: 2171.9
FLIGHTTIME: 2171.9

Airframe Entries

Complied with SB 2X-25-19.

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

DATE: 8/11/2010

SIGNED:

Work Order: 112819

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR-22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 113241

Clear Star Aviation

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

DATE: 5/13/2011
A/C TSN: 2233
FLIGHTTIME: 2233

Airframe Entries

Installed new #1 battery P/N G-243 S/N G02557201.

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

DATE: 5/13/2011

SIGNED:

Work Order: 113241

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR-22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 113455

Clear Star Aviation

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

DATE: 9/30/2011
A/C TSN: 2268.7
FLIGHTTIME: 2268.7

Airframe Entries

Replaced the o-rings on the R/H brake caliper, bled and installed new temperature labels. Replaced all brake linings P/N 066-06200..Replaced the cowl landing light harness P/N 20247-106.

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

DATE: 9/30/2011

SIGNED:

Work Order: 113455

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 113713

Clear Star Aviation

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

DATE: 4/11/2012
A/C TSN: 2295.6
FLIGHTTIME: 2295.6

Airframe Entries

Reinstalled the R/H outboard fuel sending unit P/N 13467-002, S/N 3237 after overhaul performed by Air Parts of Lockhaven, see work order 121101 dated 04/05/2012. Checked calibration of the R/H side, no adjustments needed..Installed new nose wheel tube P/N 092-308-0.

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

DATE: 4/11/2012

SIGNED:

Work Order: 113713

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 113683

Clear Star Aviation

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

DATE: 5/4/2012
A/C TSN: 2297.2
FLIGHTTIME: 2297.2

Avionics Entries

The altimeter system, altitude reporting equipment and transponder have been inspected and tested as required by FAR 91.217, 91.411 in accordance with FAR 43 Appendix E and FAR 91.413 in accordance with FAR 43 Appendix F.

Avidyne PFD P/N 700-00006-000 S/N 20026207 Certified to 20K feet.

Standby ALT. P/N 12731-002 S/N 459404 Certified to 20K feet.

Blind encoder P/N A-30 S/N 9752019 Certified to 20K feet.

Transponder Garmin P/N GTX 330 S/N 84122683

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

DATE: 5/4/2012

SIGNED:

Work Order: 113683

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 113683

Clear Star Aviation

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

DATE: 5/4/2012
A/C TSN: 2297.2
FLIGHTTIME: 2297.2

Airframe Entries

Performed aircraft annual inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. Replaced the air filter element. Replaced the brake caliper o-rings. Cleaned the fuel gascolator and replaced the fuel bowl seals..Performed ELT operational test per FAR 91.207(d)..Replaced the pilot side cup holder P/N 51179-001..Replaced the CAPS line cutters using kit P/N 25347-002. The CAPS line cutters were manufactured 12/2011, next replacement is due 12/2017..Sealed the base of the Comm #2 antenna..Replaced the upper main wheel pant brackets P/N 13522-001 using new spacers P/N 13420-102..Replaced the lower nose strut puck P/N 13386-001 and rebound bumper P/N 18380-001..Resealed the R/H wing root cap as required..Removed the CAPS rocket, secured the three shear screws securing the rocket to the launch tube base and reinstalled.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this aircraft has been inspected in accordance with an 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 5CSR009B.


DATE: 5/4/2012

SIGNED:

Work Order: 113683

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: RMA # 9001424	
4. Organization Name and Address: Avidyne Corporation, 202 West Drive, West Melbourne, FL 32904						5. Work Order/Contract/Invoice Number: RMA # 9001424	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	PFD	700-00006-000	N/A	1	20026207	Rebuilt	
13. Remarks: Return to service and meets approved TSO design. This article has been tested and inspected and found to comply with appendix E of 14 CFR 43 in accordance with 14 CFR 91.411							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
						PT 3844 CE	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
				Kevin T. Brogan		5/14/08	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114144

Clear Star Aviation

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

DATE: 2/28/2013
A/C TSN: 2351.6
FLIGHTTIME: 2351.6

Airframe Entries

Replaced the R/H brake caliper shim, o-rings and brake temperature labels and bled.

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

DATE: 2/28/2013

SIGNED:

Work Order: 114144

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114193

Clear Star Aviation

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

DATE: 4/5/2013
A/C TSN: 2351.6
FLIGHTTIME: 2351.6

Airframe Entries

Replaced the aileron-rudder interconnect shock cord P/N 12983-001..Replaced the ELT remote battery using P/N 2CR11108, next replacement is due 03/2021..Replaced the A/C blower relay P/N 50288-001.

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

DATE: 4/5/2013

SIGNED:

Work Order: 114193

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114220

Clear Star Aviation

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

DATE: 4/17/2013
A/C TSN: 2352.7
FLIGHTTIME: 2352.7

Airframe Entries

Replaced the #5 EGT probe P/N 16579-002.

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

DATE: 4/17/2013

SIGNED:

Work Order: 114220

Daw, Isaiah
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114194

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

DATE: 6/6/2013
A/C TSN: 2359.2
FLIGHTTIME: 2359.2

Airframe Entries

Performed aircraft annual inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. Replaced the air filter element. Replaced the brake caliper o-rings. Cleaned the fuel gascolator and replaced the fuel bowl seals..Serviced and test the #1 battery. Battery passed 100%..Performed ELT operational test per FAR 91.207(d)..Installed #2 GNS 430 P/N 011-00280-10 S/N 97135726 after repair by Garmin on work order 55628675 dated 5/23/2013..Installed new inflatable restraint system electronic module P/N 20902-001 S/N 34350580, Next replacement due 5/17/2020..Replaced the #2 batteries P/N 50979-001..Complied with SB 2X-05-02 induction bolt replacement..Complied with SB 2X-32-19 R3 main gear torque check..Replaced NLG rebound bumper..Parts are on back order, will complete when available..Installed "Grab here" placard on co-pilot side..Adjusted R/H door latches..Replaced both main landing gear tires. P/N 16937-002 R/H S/N - 21457682 L/H S/N - 21457664.Adjusted nose wheel tension..Complied with fuel setup per SID97-3E..Installed #1 header P/N 15080-001 after repair by Aerospace Welding Minneapolis, Inc on work order 153093 dated 5/29/2013. Installed new #5 header P/N 15070-003 . Installed new L/H R/H header tab bolt..Repaired R/H lower cowling damage with repair plies inner and outer. Installed new heat tape..Replaced flap replays with new P/N 50288-001 ..Removed the L/H wing root fairing, performed the approved repair on the ground path between the wing skin EMM and wing ground straps and reinstalled the wing root fairing..Adjusted both L/H and R/H aileron top stops..Replaced L/H nav light..Adjusted the rudder travels to spec..Resealed lower com antenna..Replaced R/H strut grommet..Installed new #3 EGT probe..Installed boost pump P/N 5217-00-3 S/N 2966 after overhaul by Quality Aircraft Accessories on work order 1170008854 dated 6/4/2013.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this aircraft has been inspected in accordance with an 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 5CSR009B.

DATE: 6/6/2013

SIGNED:

Work Order: 114194

Hoskins, Josh
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114388



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

DATE: 8/20/2013
A/C TSN: 2368.1
FLIGHTTIME: 2368.1

Airframe Entries

Cleaned debris out of stall warning horn line, performed ops check..Installed new #1 EGT sensor.

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

DATE: 8/20/2013

SIGNED:

Work Order: 114388

Hoskins, Josh
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114504



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

DATE: 11/20/2013
A/C TSN: 2373.2
FLIGHTTIME: 2373.2

Airframe Entries

Replaced L/H brake linings P/N 066-06200..Tightened R/H brake caliber elbow fitting and bleed brake system.

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

DATE: 11/20/2013

SIGNED:

Work Order: 114504

Hoskins, Josh
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114546



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

DATE: 12/30/2013
A/C TSN: 2373.2
FLIGHTTIME: 2373.2

Airframe Entries

Bled R/H brake system and checked for leak.

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

DATE: 12/30/2013

SIGNED:

Work Order: 114546

Hoskins, Josh
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114583



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

DATE: 2/11/2014
A/C TSN: 2375.5
FLIGHTTIME: 2375.5

Airframe Entries

Installed PDF P/N 700-00006-000 S/N 20026207 after repair by Avidyne on work order 9023670 dated 02/05/2014.

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

DATE: 2/11/2014

SIGNED:

Work Order: 114583

Hoskins, Josh
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114731



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 7/3/2014
A/C TSN: 2382.7
FLIGHTTIME: 2382.7

Airframe Entries

Performed aircraft annual inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. Replaced the air filter element. Replaced the brake caliper o-rings. Cleaned the fuel gascolator and replaced the fuel bowl seals..Serviced and tested the #1 battery..Performed ELT operational test per FAR 91.207(d), battery expiration date is Mar 2017..Removed center baffle, stop drilled crack, replaced baffle material, installed with over size washers as required..Installed 2 new nose landing gear shock pucks P/N 13386-001..Tightened rudder push/pull rod end mounting bolt..Installed new fire extinguisher P/N RTA400..Replaced right wing inboard fuel sending unit with overhauled unit P/N 13467-004 S/N 3491, see Air Parts of Lock Haven form 8130-3 w/o 134085 dated Nov 14, 2013..Replaced the ELT remote battery using P/N 2CR11108, next replacement is due 06/27/2018..Complied with AD 93-05-06 by installing ACS ignition service kit P/N A-3650-2 next inspection is due 4382.7 TT.

Researched AD's through bi-weekly *issue of this date, all AD's are in compliance at this time. I certify that this aircraft has been inspected in accordance with an 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 5CSR009B.*

DATE: 7/3/2014

SIGNED:

Work Order: 114731

Menge, Adam
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 114731



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

DATE: 7/3/2014
A/C TSN: 2382.7
FLIGHTTIME: 2382.7

Avionics Entries

The altimeter system, altitude reporting equipment and transponder have been inspected and tested as required by FAR 91.217, 91.411 in accordance with FAR 43 Appendix E and FAR 91.413 in accordance with FAR 43 Appendix F.

Avidyne PFD P/N 700-00006-000 S/N 20026207 Certified to 20K feet.

Standby ALT. P/N 12731-002 S/N 459404 Certified to 20K feet.

Blind encoder P/N A-30 S/N 9752019 Certified to 20K feet.

Transponder Garmin P/N GTX 330 S/N 84122683

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

DATE: 7/3/2014

SIGNED:

A handwritten signature in blue ink, appearing to read "Adam Menge".

Menge, Adam
Certified Repair Station No. 5CSR009B

Work Order: 114731

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MAKE Cirrus
MODEL SR22
S/N: 2134
REG. NO. N545CB
WORK ORDER: 114884



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 9/19/2014
A/C TSN: 2399.1
FLIGHTTIME: 2399.1

Airframe Entries

Installed repaired fuel gauge P/N FQ4041-12037 S/N 2632, see Air Dallas Instruments, Inc. form 8130-3 work order 78081 dated Sep, 16, 2014. Drained tanks and calibrated empty. Filled tanks and calibrated full. Ground ran engine on both tanks to clear fuel lines of air.

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

DATE: 9/19/2014

SIGNED:

A handwritten signature in black ink, appearing to read "Adam Menge".

Work Order: 114884

Menge, Adam
Certified Repair Station No. 5CSR009B

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1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 78081	
4. Organization Name and Address: Air Dallas Instruments, Inc. 811 Office Park Circle Lewisville, Texas 75057				5. Work Order/Contract/Invoice Number: 78081		
6. Item:		7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1		Dual Fuel Quantity Ind	FQ4041-12037	1ea.	2632	REPAIRED
12. Remarks: Repaired and tested to mfg. specs. in accordance with DOC. FQ4041-12037/dated 10-20-00. Details on file under W.O. # 78081 and tracking #78081 Alt Number 13557-001						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11, and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature: 		14c. Approval/Certificate No.: VE1R555K	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Gary D. Barnfield		14e. Date (dd/mmm/yyyy): 16 Sep 2014	
User/Installer Responsibilities						
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Block 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO. N545CB
WORK ORDER: 115016



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

DATE: 1/21/2015
A/C TSN: 2407.1
FLIGHTTIME: 2407.1

Airframe Entries

Installed all new brake linings P/N 066-06200 installed all new caliper o-rings P/N M83461-1-222 and installed new temperature labels.

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

DATE: 1/21/2015

SIGNED:

Work Order: 115016

Melendez, Edwin
Certified Repair Station No. 5CSR009B

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MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 115173



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 8/14/2015
A/C TSN: 2447.4
FLIGHTTIME: 2447.4

Airframe Entries

Performed aircraft annual inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. Replaced the air filter element. Replaced the brake caliper o-rings. Cleaned the fuel gascolator and replaced the fuel bowl seals. Serviced and tested the #1 battery. Serviced and tested the #1 battery. Battery tested at 100%. Performed ELT operational test per FAR 91.207(d), battery expiration date is 03/2017. Installed new foil tape on lower cowlings as needed. Replaced and re-installed new cowl seals as needed. Installed new style A/C shaft grommets. Replaced air conditioning turnbuckle. Installed new fuel vent panel. Cleaned #1 battery negative terminal and replaced terminal boot. Tightened RH upper door latch. Replaced RH lower door latch. Installed new pilot cup holder.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this aircraft has been inspected in accordance with an 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 5CSR009B.

DATE: 8/14/2015

SIGNED:

Work Order: 115173

May, Kevin
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 115239



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

DATE: 10/5/2015
A/C TSN: 2465.1
FLIGHTTIME: 2465.1

Airframe Entries

Removed and re-installed GNS430 P/N 011-00280-10 S/N 97135726 after repair performed by Garmin International. Re-installed loose GPS antenna to glareshield. Ops check good.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 10/5/2015

SIGNED:

Work Order: 115239

May, Kevin
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 115334



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

DATE: 11/25/2015
A/C TSN: 2473.1
FLIGHTTIME: 2473.1

Airframe Entries

Installed new aircraft battery #1 P/N G-243 S/N G02889656.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 11/25/2015

SIGNED:

Work Order: 115334

May, Kevin
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

A large, handwritten signature in black ink, appearing to read "Kevin May", written over a horizontal line.

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200155



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

DATE: 6/7/2016
A/C TSN: 2512.2
FLIGHTTIME: 2512.2

Airframe Entries

Replaced non-essential bus relay P/N 50288-001.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 6/7/2016

SIGNED:

A large, stylized handwritten signature in black ink, appearing to read "Kevin May".

May, Kevin
Certified Repair Station No. 5CSR009B

Work Order: 200155

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200157



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 6/10/2016
A/C TSN: 2512.2
FLIGHTTIME: 2512.2

Airframe Entries

Complied with Savvy Oil Change Guide SR2x.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 6/10/2016

SIGNED:

May, Kevin
Certified Repair Station No. 5CSR009B

Work Order: 200157

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200152



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 7/30/2016
A/C TSN: 2524.7
FLIGHTTIME: 2524.7

Airframe Entries

Complied with SB 2X-95-18R2. Removed CAPS parachute assembly S/N 02427 and rocket assembly S/N 2949. Installed new CAPS parachute P/N 25574-004-REB, S/N 02063R1. Next parachute repack due 07/2026. Re-installed removed CAPS line cutters which were manufactured 12/2011 and expire 12/2017. Installed new rocket assembly P/N 29500-403 S/N 1848. Rocket assembly was manufactured 6/2016 and expires 6/2026. Installed new #2 batteries P/N 50979-001..Complied with SB 2X-95-13 CAPS strap inspection and grommet installation..Installed new co-pilot side lower door latch P/N 21889-001.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 7/30/2016

SIGNED:

A handwritten signature in black ink, appearing to read "Kevin May", written over a horizontal line.

May, Kevin
Certified Repair Station No. 5CSR009B

Work Order: 200152

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200209



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 9/13/2016
A/C TSN: 2529
FLIGHTTIME: 2529

Airframe Entries

Performed aircraft annual inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. Replaced the air filter element. Replaced the brake caliper o-rings. Cleaned the fuel gascolator and replaced the fuel bowl seals..Serviced and tested the #1 battery. Battery tested at 90%..Performed ELT operational test per FAR 91.207(d), battery expiration date March 2023...Complied with SB2X-28-12R1 Electric Fuel Pump Inspection..SB2X-52-08R2 Catcher/Diverter and Gas Strut Rod End Replacement. Installed kit P/N 70544-001. R/R Nut cap on both R/H and L/H side, P/N 19030-001..Installed new L/H inboard MLG wheel pant bracket..Installed new rebound bumper on nose gear, P/N 18380-001..Performed ELT operational test per FAR 91.207(d), battery expiration date is March 2023. Installed new batteries..Adjusted Bungee T bar..Centered condenser fan over hole and applied caulk from outside as needed..Replaced broken well nut on R/H MLG fairing..Torqued bolts on L/H inboard fuel sending unit..Replaced wing walk tape on both entry steps..Installed lower cowl fwd nose strut seal..Tightened grounding straps and adjusted fuel cap resistance to within limits..Replaced offset arm on aileron roll/trim motor, P/N 12537-101..Replaced air conditioning turnbuckle assembly..Installed new L/H brake disc, P/N 164-02504 and L/H Brake pads P/N 066-06200. Replaced two brake pins on the L/H brake lining, P/N 177-00300.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 9/13/2016

SIGNED:

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200209

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200209



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 9/13/2016
A/C TSN: 2529
FLIGHTTIME: 2529

Avionics Entries

The test and inspections required by 14 CFR 91.411 have been performed and the equipment listed below has been found to meet the requirements of 14 CFR 43, Appendix E.

Avidyne PFD P/N 700-00006-000 S/N 20026207
Certified to 20K Feet.

Standby ALT. P/N 5934AD-3 S/N 459404
Certified to 20K Feet.

Encoder P/N A-30 S/N 9752019
Certified to 20K Feet.

The tests and inspections required by 14 CFR 91.413 have been performed and the equipment listed below has been found to meet the requirements of 14 CFR 43, Appendix F.

Transponder Garmin P/N GTX330 S/N 84122683
Certified to 20K Feet.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 9/13/2016

SIGNED:

A handwritten signature in black ink, appearing to read "DL", written over a horizontal line.

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200209

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200412

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 12/8/2016
A/C TSN: 2554.7
FLIGHTTIME: 2554.7

Airframe Entries

Complied with Savvy Oil change guide SR2X..Found TKS pump to have air lock. Purged TKS system. TKS flows from all wing panels.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 12/8/2016

SIGNED:



Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200412

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200603



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 4/14/2017
A/C TSN: 2578.3
FLIGHTTIME: 2578.3

Airframe Entries

Complied with Savvy Oil change guide SR2X.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 4/14/2017

SIGNED:

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200603

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200675

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 6/12/2017
A/C TSN: 2590.4
FLIGHTTIME: 2590.4


Airframe Entries

Installed new nose tire tube.PN:092-308-0. Inspected nose tire and no faults found.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 6/12/2017

SIGNED:



Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200675

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200704

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 7/7/2017
A/C TSN: 2595.5
FLIGHTTIME: 2595.5

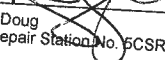
Airframe Entries

Installed new a/c belt p/n 21119-504 and installed new turnbuckle p/n MS21254-5LL. Ops check good.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 7/7/2017

SIGNED:


Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200704

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200783

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 9/15/2017
A/C TSN: 2614
FLIGHTTIME: 2614

Airframe Entries

Complied with Airframe Annual inspection..Serviced and tested the #1 battery. Battery tested at 100%..Performed ELT operational test per FAR 91.207(d), battery expiration date is 03/2023..Installed new foam seal on condenser and fan and adjusted..Installed new well nuts P/N 5083-001 as required on L/H and R/H MLG mushroom fairing wing section. All work performed IAW Cirrus SR22 MM. 32..Tighten ground strap for fuel cap. Re-tested fuel cap, OK. All work performed IAW Cirrus SR22 MM. Ch.28..Rotated main tires..Install new A/C compressor assembly P/N 21119-008 S/N 1611 and serviced, ops check satisfactory..Installed chafe tape as required on L/H and R/H MLG mushroom fairing wing section. All work performed IAW Cirrus SR22 MM. Ch. 20..Installed new L/H muffler P/N A14836-001, S/N 59526..Installed new CAPS line cutters using kit P/N 25347-002. The CAPS line cutters were manufactured 04/17 and expire 04/23..Installed two Garmin antennas, ops check satisfactory..Installed new convenience power controller P/N 12016-002 S/N 6828..Cleaned and prep. stand off to re-install IAW Cirrus SR22 MM. Ch. 32..Complied with borescope inspection, nothing major found.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this aircraft has been inspected in accordance with an 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 5CSR009B.

DATE: 9/15/2017

SIGNED:


Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200783

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200862

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 10/17/2017
A/C TSN: 2621.4
FLIGHTTIME: 2621.4

Airframe Entries

Removed glare shield and found all antennas connected and properly secured..Checked bridle cable tensions. Cable tensions were within limits.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 10/17/2017

SIGNED:

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200862

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200888

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

DATE: 11/3/2017
A/C TSN: 2623.6
FLIGHTTIME: 2623.6

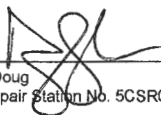
Airframe Entries

Performed Elevator trim tab adjustment in accordance with Cirrus SR22 AMM chapter 55-20. Removed pitch trim motor p/n 11797-006 no s/n and installed new motor p/n 14832-003 s/n 2743 and new pitch trim cartridge p/n 15650-002.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 11/3/2017

SIGNED:



Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200888

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200888

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 11/3/2017
A/C TSN: 2623.6
FLIGHTTIME: 2623.6

Airframe Entries

Installed new R/H Fuel cap o-ring kit P/N 300. Inspected R/H caliper, cleaned and lubed guide pins.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 11/3/2017

SIGNED:


Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200888

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 200904

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 12/6/2017
A/C TSN: 2628.1
FLIGHTTIME: 2628.1

Airframe Entries

Performed Elevator trim tab adjustment in accordance with Cirrus SR22 AMM chapter 57-50..Cleaned altitude transducer.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 12/6/2017

SIGNED:

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200904

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 201112

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 4/9/2018
A/C TSN: 2653.3
FLIGHTTIME: 2653.3

Airframe Entries

Complied with Savvy 50 hour inspection..Checked tks spinner feed tube for clearance and chafe damage, no damage noted at this time..Installed L/H wheel pant mount.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 4/9/2018

SIGNED:


Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 201112

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2134
REG. NO: N545CB
WORK ORDER: 0652

Dedicated Aircraft Work

698 CR 1143
Tyler, TX 75704
Phone: 972-834-2476

DATE: 7/19/2018
A/C TSN: 2665.6
FLIGHTTIME: 2665.6

Airframe Entries

Complied with an annual inspection in accordance with FAR 43 Appendix D using the Cirrus AMM 5-20 and 5-30 as a guide. Researched AD's through biweekly release 2018-14. Replaced the bracket air filter element.... Replaced both aft baffle P-lead grommets P/N AN931-3-5.... Installed new #1 header P/N 15080-001 and tension bolt P/N AN4C-32 using new gaskets.... Replaced the nose strut pucks P/N 13386-001 and rebound bumper P/N 18380-001.... Replaced the spinner baffle P/N 15480-002.... Installed new main gear tires P/N 156E66-4 using new tubes P/N 097-500-0. L/H tire S/N 81142336 and R/H S/N 81142338.... Replaced both brake caliper o-rings, installed new upper caliper elbow fittings, bleed the brake system and installed new temperature labels.... Replaced the throttle cable grommet on the aft baffle.... Replaced the #4 exhaust header P/N 15073-001, tension spring P/N 50456-001 and bolt P/N AN4C33 using new gaskets.... Adjusted the muffler ball joint tension.... Replaced the L/H engine mount plate P/N 20140-003. Installed serviceable L/H tailpipe and 1 new hanger spring P/N 51381-001.... Replaced the R/H outboard tailpipe spring P/N 51381-001 and mount P/N 20155-009.... Installed new crew seat inflator assemblies P/N 20902-005 S/N Z7180067240 and Z7180067284 using new wire harness P/N 20902-006, fittings P/N 20902-007, brackets P/N 20903-008 and attach hardware P/N AN3-5A.... Complied with SB 2X-95-24 R1, installed kit P/N 70572-001.... Complied with SB 2X-32-19 R3, found nose gear to have crack in the upper gusset plate that is allowable for continued operation but to be inspected every 100 flight hours.... Inspected the ELT in accordance with FAR 91.207(d).... Reinstalled the #1 alternator P/N 649305 S/N 009HA033 after repair and overhauled drive clutch performed by Select Aircraft Services on work order 10480-00 dated 07/11/18.... Installed new aileron gap seals P/N 14390-003.... Installed new R/H elevator "no push" placard.... Installed new cabin fire extinguisher P/N A344T S/N E70708630.... Replaced the internal seats of the pilot side L/H master cylinder.... Repaired cracking to the lower portions of the nose wheel pant, painted and reinstalled.... Resecured velcro which has been placed on the transponder antenna. Resecured both factory GPS antennas.... Resealed the R/H inboard main tank fuel panel.

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

DATE: 7/19/2018

SIGNED: 

Work Order: 0652

Isaiah Daw, IA: 2594100

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