

AIRCRAFT DESCRIPTION

MANUFACTURER Gierds Design MODEL SR-22 DATE OF MFG. OCT 2003
SERIAL NUMBER 0705 REGISTRATION NUMBER N2245J

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

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

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors	IO-550-D27	R L 913911
ENGINE			R L
PROPELLER	McGawley Propeller	D3A34C443A	023168101420
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAJOR ALTERATIONS

DESCRIPTION OF ALTERATION

4

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
--------------	-------------	---------------	-------------------------	--------------------------	----------------------	--------------------	------------------

Life Limited Parts SR22

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	15047-001	S/N 1068	09/2013
CAPS Parachute	15046-002	S/N 01009	08/2013
CAPS Reefing Line Cutters	5212	TOS03D 002- LOT 015	05/2009
ELT Batteries	MN1300	Date Installed 09/2003	03/2010

Exp 2/2014
See Annual insp.
Entry

TDL AERO ENTERPRISES

44 MACREADY DRIVE, MERCED CA 95340
MERCED MUNICIPAL AIRPORT
(209) 722-7700 FAX (209) 722-3402

N 224SJ

TACH 251

DATE 06/25/09

REMOVED AND REPLACED CAPS REEFING LINE CUTTERS WITH NEW, NEXT DUE 5/2015

Chris Palage
CHRIS W. PALAGE
AP3177058

NSN-0052-00-012-9005

Technical data.

MAKE: CIRRUS
MODEL: SR22
S/N: 0705
REG. NO: N2245J
WORK ORDER: 10123



APR Aviation

Repair Station No. X6DR6621
120 Olmsted Way
Monterey, CA 93940
Phone: (831) 373-1511

DATE: 10/19/2005
A/C TSN: 145
HOBBS: 145

**AGENCY & CERTIFICATE NO.
(PERFORMED/RETURNED TO SERVICE)**

Airframe Entries

RE-TORQUED NUMBER THREE INTAKE STUDS...REPLACED NUMBER ONE ALTERNATOR WITH NEW P/N OFF 646843 S/N OFF 003HA044. P/N ON 646843 S/N ON 005FA156. OP'S CHECK GOOD ON GROUND RUN...REMOVED AND REPLACE MCU100 P/N 14600-002S S/N 02180 WITH MCU120 P/N 1660-001S S/N 00062. OP'S CHECK GOOD...CUSTOMER STATES THAT THERE IS A VIBRATION IN FLIGHT. TORQUED NOSE WHEEL AND FORK ASSEMBLY I.A.W CIRRUS M/M CHAPTER 32. AIRCRAFT WAS TEST FLOWN AND THE VIBRATION WAS GONE...REPLACED LOWER SEAT COVERS ON PILOT AND CO-PILOT SEATS...REPLACED ANNUNCIATOR PANEL REMOVED S/N 0371 INSTALLED ANNUNCIATOR S/N 0102 OP'S CHECK GOOD...PERFORMED SB2X-53-02 BAGGAGE STRAP ADAPTER INSTALLATION...PERFORMED SB2X-57-01 AILERON HINGE BEARING AND GAP INSPECTION...REPLACED BOTH LEFT AND RIGHT INBOARD FLAP FAIRINGS WITH NEW STYLE FAIRINGS. PER CIRRUS SB 2X-57-06 R1...REMOVED CO-PILOTS SEAT AND KICK PANELS TO GAIN ACCESS, INSPECTED FUEL LINES FROM THE FUEL SELECTOR TO THE FIREWALL, NO PROBLEMS NOTED...REMOVED VOLT AND AMP INDICATOR P/N 12618001 S/N 1094 AND REPLACED WITH SERVICED INDICATOR P/N 12618-001S S/N 1069. PERFORMED MCU RUN UP SHEET. OPS CHECK GOOD...NOTICE FUEL STAIN AT FUEL LINE FITTING ON LEFT WING INBOARD FUEL LINE. RE-TORQUED FUEL LINE FITTING, RAN AIRCRAFT NO LEAKS NOTICED AT THIS TIME...REPLACED BOTH MAIN BRAKE LININGS AND ONE CALIPER O-RING ON LEFT AND 2 ON RIGHT RE-CONDITIONED BRAKES, OPS CHECK GOOD...STOPPED DRILLED CRACK ON THE FORWARD LEFT HAND BAFFLE...REMOVED HORIZONTAL STABILATOR CUFFS AND CLEANED FOR INSPECTION. NO CRACKS NOTICED. DID NOT RE-INSTALL PER CUSTOMER REQUEST...REPLACED LEFT WING TIP STROBE LAMP WITH NEW, OPS CHECK GOOD...FREIGHT FOR MCU & ALTERNATOR CHARGED TO CIRRUS.

I certify that this aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

DATE: 10/19/2005

SIGNED:

Larry Davis
Certified Repair Station No. X6DR6621

Work Order: 10123

Printed by EBis 3 (datamedia.com)

**MAINTENANCE RECORD
F A R 43 9**

AGENCY & CERTIFICATE NO.
PERFORMED/RETURNED TO SERVICE

MAKE: CIRRUS
MODEL: SR22
S/N: 0705
REG. NO: N2245J
WORK ORDER: 9911092



APR Aviation, Inc.

Repair Station No. X6DR6621
120 Olmsted Way
Fresno, CA 93940
Phone: (831) 373-1511

DATE: 10/9/2006
A/C TSN: 184.6
HOBBS: 184.6

Airframe Entries

PERFORMED AN ANNUAL INSPECTION IAW FAR 43 APPENDIX (d) AND ALL APPLICABLE MAINTENANCE MANUALS...CONFIGURES CONTRAST SETTINGS ON NUMBER ONE GARMAN I/A/W GARMIN TECH SUPPORT RECOMMENDATIONS. OPS CHECK GOOD...REPLACED NUMBER TWO BATTERIES WITH NEW...C/W FAA AD 2006-19-10 BY C/W CIRRUS SB2X-25-17R1 BY INSTALLATION OF CREW SEATS BREAKOVER PINS PN 17036-002...C/W SB2X-32-14 MODIFICATION OF MAIN LANDING GEAR FAIRING AND INSTALLATION OF TEMPERATURE INDICATORS PN 51698-001...C/W SB2X-52-04R1 INSTALLATION OF KIT 70167-001, CATCH DIVERTERS PN 17581-001/002 FOR CABIN DOOR STRUT...REPLACED ELT BATTERIES WITH NEW, EXPIRATION DATE OCT. 31 2007...INSTALLED NEW GROMMETS ON PILOT DOOR GAS CYLINDER BRACKET PN 50580-001...ROTATED BOTH MAIN WHEEL TIRES...C/W FAA AD 2006-07-06 BY C/W CIRRUS SB2X-28-04R1 INSTALLATION OF KIT PN 70133-001, VISUAL INSPECTION OF FUEL LINES AND WIRING, NO DEFECTS NOTICE...INSTALLED NEW STEP TAPE ON BOTH SIDE, PN 12683-006...REPLACED MAIN FAIRING WELL NUTS WITH NEW PN 50803-001...FUEL SYSTEM OPERATING PRESSURES WITHIN NORMAL PARAMETER I/A/W TCM SID 97-3 AND CIRRUS MM...C/W CIRRUS SB 2X-24-06 WIRING AND ALTERNATOR, BY INSPECTION AND INSTALLATION OF KITS PN 70131-001 AND PN 70162-001...C/W CIRRUS SB 2X-71-13 RIGHT FRONT ENGINE BAFFLE MODIFICATION BY INSTALLING KIT PN 70111-001...PERFORMED AD AND SB SEARCH. UPDATED RECORDS.

I certify that this aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

DATE: 10/9/2006

SIGNED:

Larry Davis
Certified Repair Station No. X6DR6621

Work Order: 9911092

Printed by EBis 3 (datamedia.com)

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
--------------------	--------------------------	---	---

6/5/2007
7777



Airframe Logbook Entry
CRS AWKR298C

Watts Woodland Airport, Woodland, CA 95695

AIRCRAFT: N224SJ
S/N: 0705



h Time
TTAF
g, TSN
g TSO
p TSN
p TSO
v. TSN
v. TSO

184.6
184.6
184.6

202.6

CHECKED ALL WIRING ASSOCIATED WITH HOUR METER WITH NO DISCREPANCIES NOTED. REMOVED EQUIPMENT FOR ACCESS TO FIND RELAY ASSOCIATED WITH HOUR METER, CONFIRMED RELAY IS FUNCTIONAL. LOCATED AIRSPEED SWITCH WITH HELP OF CUSTOMER PROVIDED DOCUMENTATION. FOUND PITOT LINE CONNECTED TO THE VACUUM SIDE OF AIRSPEED SWITCH. MOVED PITOT LINE FROM VACUUM SIDE OF SWITCH TO PRESSURE SIDE OF SWITCH AND OBSERVED CORRECT AIRSPEED SWITCH/HOUR METER OPERATION. PERFORMED CIRRUS MANDATORY ALERT SERVICE BULLETIN SB A2X-95-10 R1, CAPS PICK-UP COLLAR SUPPORT REPLACEMENT. INSTALLTION FOR LAUNCH TUBE MEASUREMENTS OF 7.75 INCHES: KIT P/N - 70181-002 (18748-002). SERIAL NUMBER OF ROCKET IS 01068. PERFORMED CIRRUS MANDATORY SERVICE BULLETIN SB 2X-95-09, CAPS STRAP ABRASION INSPECTION. INSTALLTION OF KIT P/N - 70142-001. NO DEFECTS NOTED ON THE PARACHUTE STRAPPING. BOLTS TORQUED TO 95 INCH POUNDS AS PER CIRRUS MANDATORY SERVICE BULLETIN SB 2X-95-09. COMPLIED WITH CIRRUS DESIGN SB 2X-27-14 FLIGHT CONTROLS RUDDER-AILERON INTERCONNECT MODIFICATION. INSTALLTION OF KIT P/N 70187-001. **NOTE: HOBBS HOURMETER WAS NOT WORKING FOR 18.0 HRS. THIS NEEDS TO BE ADDED TO CURRENT HOBBS METER TIME.**

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

Douglas E. Barton

Scale Cc
PFD Allimete

Reads	Add
-1000	-10
0	-15
500	-15
1000	-10
1500	-15
2000	-15
3000	-15
4000	-10
6000	-10
8000	-15

Date: 8 NOV 07
Tested by: [Signature]

RECORD

9
RMED

I certify that the Allimeter, Static System, & Altitude Repo tests required by FAR 91.411, and the Transponder tests req by FAR 91.413 have been performed IAW FAR 43 App E & F. Allimeter tested to 20000 Ft. N 224SJ. IAW FAR 43 App. E on 8 NOV 07 Date 8 NOV 07 Signed [Signature] Date 8 NOV 07 Northcoast Services crs WR3R955L Time 202.6

MAKE: CIRRUS
MODEL: SR22
S/N: 0705
REG. NO: N224SJ
WORK ORDER: 321

Monterey Bay Aviation
130 Olmsted Way
Monterey, CA 93940
Phone: 831-373-3201

DATE: 11/13/2007
A/C TSN: 220.5
HOBBS: 202.5

Airframe Entries

PERFORMED AN ANUAL INSPECTION IAW THE SCOPE AND DETAIL OF FAR43 APPENDIX D AND CIRRUS SR22 ACMM SEC 5-20-00.... REPLACED PITCH TRIM CARTRIDGE W/NEW PN 15650-002, FUNCTION CHECK GOOD.... REPLACED BOTH MAIN WHEEL TIRES WITH NEW P/N 15X600-6 GOODYEAR FC III.... REPLACED LEFT SIDE WHEEL BRACKET FAIRING WITH NEW P/N 17205-001.... REMOVED SKYWATCH P/N 805-10800-001 S/N 81389 FOR UPGRADE. REINSTALLED UPGRADED SKYWATCH P/N 805-10800-001 S/N 31389. UNIT MEETS SPEC. #012-10800-001 REV N PER 8130-3 BY L-3 COMMUNICATIONS W.O. 522584.... PERFORMED FAR 91.207d. ELT. INSPECTION AND REPLACED 8 D-CELL BATTERY WITH NEW.... CW CIRRUS SB 2X-27-14R3 RUDDER-AILERON INTERCONNECT MODIFICATION BY INSTALLATION OF CIRRUS KIT 70197-001.... AD 2007-14-03 IS IN COMPLIANCE BY PREVIOUS CW CIRRUS SB A2X-95-10R1, LOG ENTRY BY CRS AWKR298C DATED 06/05/2007.

I certify this airframe has been inspected in accordance with an annual inspection and was determine to be in a airworthy condition.

DATE: 11/13/2007

SIGNED [Signature]
Samuel W Taflinger, IA308588017

Work Order: 321

Printed by EBis 3 (datcomedia.com)

**MAINTENANCE RECORD
F.A.R. 43.9**

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N224SJ

Cirrus

SR22

S/N: 0705

10 February 2009

Hobbs: 0236.0

Aircraft Total Time: 0236.0

Installed new left wing outboard fuel drain, P/N: 50141-001, and installed new safety. Torqued #1 alternator case half screws and safetied as required.

D. Wells

L. John Wells A&P3221132

w/o 27569

Forced Aeromotive Technologies, Inc

7161 S. Peoria 18E, Englewood, Co 80112

Date: 2-16-09	Make: Cirrus Design	Model: SR22	Reg: N224SJ
Tach:	Hobbs: 236.0	TT AF: 236.0	S/N: 0705

Installed STC SA10925SC I/A/W FAT installation instructions document II-SR-22. Rev C. dated 9/08/2008. (see 337 for more detail). Installed Airwolf Filter Corp STC SA00079NY I/A/W installation instructions No. AFC-K008-II-F. dated 10/01/02 (see 337 for more detail). Instructions for Continued Airworthiness. FAT Inc. document #22006-30. Rev D. dated 10/27/08 are a permanent part of the aircraft records. Weight and balance has been amended and inserted in the Aircraft Flight Manual. END.

John Wells A&P 524781501

MAINTENANCE RECORD

Trade Winds Aviation 2505 Cunningham Ave San Jose CA
N224SJ Date: 27 February 2009

Cirrus Design SR22, s/n 0705

ATT 0243.4

Hobbs 243.4

Accomplish maintenance as follows:

Replaced L/MLG brake caliber o-rings p/n MS28775-222, bleed brake hydraulic system, replaced all (8) brake caliber bolts p/n 103-11800, install rubber seal between engine oil cooler & baffle.

Approved for return to service for the work performed.

Hugo da Silva

Hugo da Silva A&P/IA 5487622425

Trade Winds Aviation 2505 Cunningham Ave San Jose CA

March 3, 2009

Airframe Log

N224SJ

Bled brakes.

Donald J. MacLennan

Donald J. MacLennan A&P# 3115705

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED

TDL AERO ENTERPRISES
44 MACREADY DRIVE, MERCED CA 95340
MERCED MUNICIPAL AIRPORT
(209) 722-7700 FAX (209) 722-3402

DATE 08/20/09

TACH 267.7

N 224SJ

REMOVED AND REPLACED SUPER CHARGER DRIVE SHAFT WITH NEW

Chris W. Palage
CHRIS W. PALAGE
AP3177058

**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>COMPLETED ANNUAL INSPECTION IAW CIRRUS DESIGN MAINTENANCE MANUAL 05-20 MODEL SR22 DATED APRIL 15, 2007. ACCESS PANELS, INSPECTION COVERS, FAIRINGS, AND COWLING REMOVED, AIRFRAME INSPECTED AND LUBED PER MFG. SERVICE AND MAINTENANCE MANUALS. ENGINE & FLIGHT CONTROLS CHECKED & LUBED, SERVICED TIRES, BATTERY & BRAKE FLUID, LIGHTS CHECKED.</p> <p>COMPLIED WITH FAR 91.413 TRANSDUCER EQUIPMENT TEST, IN ACCORDANCE WITH APPENDIX F OF PART 43 AND COMPLIED WITH ALTIMETER STATIC AND ALTITUDE REPORTING EQUIPMENT TEST AND INSPECTION PER APPENDICES E AND F OF PART 43 AS REQUIRED BY FAR 91.411</p> <p>REMOVED AND REPLACED BATTERIES IN GARMIN 430 GPS/COM - WORK PERFORMED BY CERTIFIED GARMIN SERVICE CENTER, FUNCTION CHECKS OK AT THIS TIME</p> <p>ADJUSTED HIGH END RPM TO TCM SPEC - PROPELLER, FUNCTION CHECKS OK AT THIS TIME</p> <p>REMOVED PFD SER. # 22352019 AND INSTALLED PFD SER. # D1134. MODS INSTALLED 15, 18, 19, 21, 23, 24, 25, 29, 31, 34, 36, 37, 38, 39, 40, 43, 48, 51, 57 PER AVIADYNE WORK ORDER #9009460.</p> <p>PERFORM CALIBRATIONS, FUNCTION CHECKS OK AT THIS TIME</p> <p>C/W SB2X-05-01 05-10 OVERHAUL AND REPLACEMENT SCHEDULE - BRAKE ASSEMBLY O-RINGS REPLACEMENT INTERVAL, FUNCTION CHECKS OK AT THIS TIME</p> <p>REMOVE AND INSTALL LHS LOWER WHEEL FAIRING BRACKET</p> <p>TROUBLE SHOOT AVIONICS CIRCUIT BREAKER, FOUND TO HAVE SHORT, REMOVED AND REPLACED WITH NEW, FUNCTION CHECKS OK AT THIS TIME</p> <p>THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND HAS BEEN APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY</p>	

Chris W. Palace
CHRIS W. PALACE
7TLR012B

**INSPECTION RECORD
F.A.R. 43.11-91.409**

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
03 OCT 03	7.1 HRS	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Thomas Althaus Date: 03 OCT 03</p> <p>Signature: <i>Thomas Althaus</i></p> <p>Title: Production Flight Test Pilot</p>
10-08-03	7.5 Hrs	<p>I find that the aircraft meets the requirements for the certification requested and have issued a U.S. Standard Airworthiness Certificate dated 10 / 08 / 03 . The next inspection is due 10 / 31 / 04 .</p> <p><i>Timothy L. Bonderer</i></p> <p>TIMOTHY L. BONDERER DMIR410074CE</p>

44 MACREADY DRIVE, MERCED CA 95340
MERCED MUNICIPAL AIRPORT
REPAIR STATION CERTIFICATE #7TLR012B
(209) 722-7700 FAX (209) 722-3402
WORK ORDER 00152

N 224SJ TACH 277.5 DATE 3/19/2010

MAKE: CIRRUS
MODEL: SR22
S/N: 0705
REG. NO: N224SJ
WORK ORDER: 00000504

TDL Aero Enterprises
Repair Station No. 7TLR012B
44 MACREADY DRIVE
Merced, CA 95340
Phone: 209-722-7300

DATE: 4/12/2011
A/C TSN: 3685
TACH: 3685

Airframe Entries

C/W ANNUAL INSPECTION PER CIRRUS DESIGN MAINTENANCE MANUAL CHAPTER 05-20 MODEL SR22 ANNUAL REVISION A3 DATED APR 5 2011, ACCESS PANELS, INSPECTION COVERS, FAIRINGS, AND COWLING REMOVED, AIRFRAME INSPECTED AND LUBED PER MFG. SERVICE AND MAINTENANCE MANUALS, ENGINE & FLIGHT CONTROLS CHECKED & LUBED, SERVICED TIRES, BATTERY & BRAKE FLUID, LIGHTS CHECKED, CHANGED OIL, OIL FILTER CHANGED, OIL SAMPLE, COMPRESSION CHECKED 1-65/80, #2- 64/80, #3- 65/80, #4- 66/80, #5- 68/80 AND #6- 68/80, SPARK PLUGS CLEANED & GAPPED, AS REQUIRED TIMING CHECKED, COMPLETED ENGINE FUEL SYSTEM CHECK, WASHED DOWN ENGINE AND RUN-UP LEAK CHECK PERFORMED... STOP DRILL CRACK IN LEFT HAND BAFFLING AROUND SLAVE GATE... REMOVE AND REPLACE #1 EGT AND CLAMP... LOOSEN AND RETIGHTEN CLAMPS ON UPPER DECK FUEL NOZZLE VENT TUBES REMOVE AND REPLACE RUBBER TUBING AS REQUIRED... ADJUSTED FUEL FLOW TO WITHIN SPECS... COMPLETED AD AND SB SEARCH... C/W SB-2X-32-18-R2 BY VISUAL INSPECTION OF NOSE LANDING GEAR UPPER WELD FILLET AND GUSSET PLATE ELECTRIC FUEL PUMP TO FUEL SCREEN... NOTED... CLEANED AND TIGHTEN FUEL LINE FROM ELECTRIC FUEL PUMP TO BLEED BRAKES... REMOVE COPILOT SIDE BRAKE CALIPER INSPECT AND REPACK REINSTALL AND BLEED BRAKES... REMOVE AND REPLACE COPILOT SIDE MAIN LANDING GEAR FAIRING BRACKET WITH NEW... REMOVE AND REPLACE COPILOT SIDE BRAKE DISK WITH NEW... REMOVE AND REPLACE WORN BRAKE PADS COPILOT SIDE... REMOVE AND REPLACE PILOT SIDE BRAKE DISK WITH NEW... REMOVE AND REPLACE RUDDER AND AILERON INTERCONNECT SHOCK CORD CHECK RIGGING NEXT DUE 5 years From Date Of Install... REMOVE AND REPLACE TKS FILTER WITH NEW, NEXT DUE 4-2013... REMOVE AND REPLACE WORN LANDING LIGHT ISOLATORS WITH NEW... REMOVE

1 of 2

LOCKING TAB WASHER AND TIGHTEN BAGGAGE DOOR LOCK RETAINING NUT... Checked Rigging Of Aircraft, Adjusted Cable Tension On Ailerons

Maintenance Release

The aircraft and/or component(s) on N224SJ was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 4/12/2011 SIGNED:  Chris Palage
Certified Repair Station No. 7TLR012B
Work Order: 00000504
Printed by EBis 3 (datamedia.com)

2 of 2

INSPECTION RECORD F.A.R. 43.11-91.409

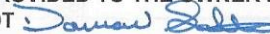
Date 11/11/2011
W/O# 11767
Tach / Hobbs 329.9
TTAF 329.9
Flight
Eng, TSN 329.9
Eng TSO NA
Prp TSN 329.9
Prp TSO NA

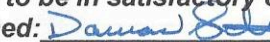


Airframe Logbook Entry
CRS AWKR298C
25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N224SJ
S/N: 0705

COMPLETED AN ANNUAL INSPECTION PER FAR 43 APPENDIX "D". ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MANUALS.
FOUND AIRWORTHINESS DIRECTIVE 2006-21-03, DATED 11/17/2006, PCW PER CIRRUS SB2X-32-10/9/2006 @ 184.6 TT BY APR AVIATION, NO FURTHER ACTION REQUIRED. FOUND AIRWORTHINESS DIRECTIVE 2007-14-03, DATED 8/16/2007, PCW PER CIRRUS SB2X-95-10R1 ON 6/5/2007 @ 202.6 WOODLAND AVIATION, NO FURTHER ACTION REQUIRED.
COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER.

I CERTIFY THAT THIS AIRCRAFT/ENGINE/PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN UNAIRWORTHY CONDITION. A LIST OF UNAIRWORTHY DISCREPANCIES HAS BEEN PROVIDED TO THE OWNER PER FAR 43.11 (b).
DAMON SCHMIDT 

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 3/2014 Signed: 

Damon Schmidt


*IFR cert.
789, Pilot Station,
Mt. Airy*

...

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>MAKE: CIRRUS MODEL: SR22 S/N: 0705 REG. NO: N224SJ WORK ORDER: 00000701</p> <p>TDL Aero Enterprises Repair Station No. 7TLR012B 44 MACREADY DRIVE Merced, CA 95340 Phone: 209-722-7300</p> </div> <div style="width: 45%; text-align: right;"> <p>DATE: 11/18/2011 A/C TSN: 330.5 HOBBS: 330.5</p> </div> </div> <p>Airframe Entries The following are inclusive of the all listed items delivered to the customer which were considered to be unairworthy at the time of the annual inspection of 11/11/2011 with the aircraft logbook entry CRS AWKR298C completed by Woodland Aviation according to the list given to the owner by Damon Schmidt on 11/10/2011 in accordance with FAR §43.11(b).... Added revisions A09 / A10 to the POH.... Restowed CAPS aft harness blast sleeve into parachute pack.... Tightened union fuel lines directly above left hand main landing gear tire and cleaned surrounding area. Leak checks good, appears to have been residual.... Opened left wing collector tank bay, noticed fuel stain. Filled left hand wing tank and cleaned stain. No leaks noted 72 hours later. Sealed as a preventative measure.... SB2X-57-05R2 was brought up as an airworthiness issue, service bulletins are not a legal FAA document, such as an airworthiness directive and this service bulletin is not required by the type certificate for this aircraft. Furthermore, this aircraft does not exhibit the problem which SB 2X-57-05R2 attempts to correct. There is no reason to believe this aircraft is unairworthy in any way with regards to this aileron hinge described by SB2X-57-05R2.... Tightened nose landing gear fork to within specifications.... Removed, cleaned and reinstalled engine mount to nose landing gear fasteners.</p>
		1 of 2

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Maintenance Release</p> <p>The aircraft and/or component(s) on N224SJ was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>DATE: 11/18/2011</p> <p>SIGNED: </p> <p>Shawn Fogle Certified Repair Station No. 7TLR012B</p> </div> <div style="width: 45%; text-align: right;"> <p>Work Order: 00000701 Printed by EBis 3 (datcomedia.com)</p> </div> </div>
		2 of 2


Registration N224SJ
Make Cirrus
Model SR22



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave, Grass Valley, CA 95945
AIRFRAME

Date 08/23/2012
Tach Time 359.2
Work Order 21210

Removed and reinstalled engine after prop strike, engine inspection complied with by Tim's Aircraft under W/O 7879 and 7879-01
Installed new McCauley prop model D3A34C443 S/N101420
Removed and reinstalled propeller governor model C290D3-R/T23 S/N 030597 after overhaul by American Propeller Services under W/O 15446-07-2012
Installed new Cirrus alternate air bracket P.N. 18293-001
Installed new super charger oil nozzle P.N. 8R100-001
Serviced battery
Returned aircraft to service

Signature: 
Daniel Grass A/P 3577254
Sierra Mountain Aviation, Inc. 530.273.5273

FAA - PMA

This tag certifies that Sky-Tec Model No. C24ST5
Serial No. 4C5-301209 was manufactured new on 30 Jul 2012
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 224SJ by 
(Aircraft) (Mechanic)

Form CC1108-1

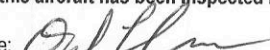
INSPECTION RECORD F.A.R. 43.11-91.409

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

Registration N224SJ
Make Cirrus
Model SR22
Serial # 0705



Date 09/21/2012
TTAF 359.8
Tach: 359.8
Work Order 21252

Performed a Annual/100 HR inspection service per SMA checklist
ELT unit tested in accordance with FAR 91.207, (d), ops checked good, expires 03/2014
Installed new #5 EGT probe P.N. 14554-001
Installed new bolt P.N. AN4-4A in right hand wheel pant
Pressure check of exhaust system, good
Adjusted prop TKS lines per maintenance manual
Topped off TKS tank
OPS check of TKS system good
Replaced (2) bad wellnuts on upper main landing gear fairing
Installed new brake orings P.N. M83461/1-222 in left/right hand brakes, bled and serviced brakes
Installed new temp stickers in left/right hand main landing gear brakes P.N. 51698-001 and P.N. 51698-003
Serviced aircraft tires
Installed (2) new #2 batteries dated 07/2012
Installed new Sky-Tec starter P.N. C24ST5
Installed new engine air filter BA24
A.D.'s current to date
I certify this aircraft has been inspected in accordance with an Annual/100 HR inspection and was determined to be in airworthy condition
Signature: 
Daniel L. Grass A/P I.A. 3577254
Sierra Mountain Aviation, Inc. 530.273.5273

INSPECTION RECORD

F.A.R. 43.11-91.409

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

Mountain Air Aviation

11750 Airport Way Hangar B12C Broomfield, CO 80021
(303) 469-1380

Airframe Log Entry

N224SJ 7, 25, 2013 Hobbs: 523.1 Total Time:541.1

Completed 100hr inspection in accordance with FAR 43 App D. C/W FAR 91.207d by insp of ELT. Battery replacement next due MAR 2014. Replaced both main tire 2ea 1500/6/6ply condor tire. Replaced 1ea 15/6 tube. Repacked wheel bearings. Repaired RT wheel pant. Replaced all brake pads 8ea 66-105. Lubed controls and serviced battery. Run up satisfactory.-----END-----

I certify that this Aircraft has been Inspected in accordance with a Annual Inspection and was determined to be in an airworthy condition.

Name Greg Boom
Number IA 3337224

INSPECTION RECORD

F.A.R. 43.11-91.409

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289

N224SJ Cirrus SR-22 sn: 0705

October 11, 2013

Hobbs: 555.4

Removed one STEC System 55X 01192-34-61T-30 sn: 5752.

Installed one Avidyne DFC-90 Autopilot Computer 700-00170-000 Rev. 01 sn: M133504248. (R2) per STC SA00296 issued June 18, 2010. Removed Avidyne PFD 700-00006-000 sn: D1134. Removed Avidyne MFD 700-00004-006 sn: 1 Installed Avidyne PFD 700-00006-000 sn: 20328305 (R8.0.6) IFR Cert dated September 6, 2013 See 8130-3 issued 9-13 by Avidyne on their WO # REF73069. Installed Avidyne MFD 700-00004-006 sn: 23447105 (R8.1) See 8130-3 issued 2013 by Avidyne on their WO # REF73055. Equipment configured per installation requirements. Performed Flap Mod per 601-00170-007 Envelope Alerting and Protection functionality.

Instructions for Continued Airworthiness Document AVDFC-030 Rev. 04 dated JUN/13 and a copy of the STC SA00296 have been added to aircraft's records. A new FAA Approved Flight Manual Supplement Document No. 600-00249-000 03 dated June 27, 2013 has been added to aircraft's POH and remains with the aircraft.

A new Avidyne DFC-90 Digital Autopilot Pilot Guide 600-00252-000 Rev. 05 has been provided by the Manufacturer and remains with the aircraft. Avidyne PFD Pilot Guide 600-00142-000 Rev 05 and PFD Pilot Guide Addendum 600-00200 Rev. 02 dated September 19, 2012 has been added to aircraft's records. Avidyne MFD Pilot Guide 600-00108-003 Rev (Software Release 8.0 or later) and MFD Pilot Guide Addendum (600-00248-000 Rev 00 Software Release 8.1) have been provided by the Manufacturer and remain with the aircraft.

Aircraft's Equipment List has been updated. No change to aircraft's Weight and Balance required.

See 337 dated October 11, 2013.

The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and approved for return to service.

CRS ZL6R006Y Signed: 

AV-02980

INSPECTION RECORD

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289

N224SJ Cirrus SR-22 sn: 0705

October 10, 2013

Hobbs: 555.4

Garmin GNS 430 011-01060-40 sn: 97118803

Garmin GNS 430 011-01060-40 sn: 97116598

Garmin GNS 430's have been Modified by Garmin International Inc. to GNS 430W's pn: 011-01060-40. See Garmin Service Reports on their RMA # W59557686 dated September 5, 2013. See their 8130-3's issued this date. Units were reinstalled and configured as before. Arapahoe Aero installed new WAAS Antennas per Cirrus Service Bulletin No. SB34-24-R1. Equipment List has been updated. New Pilot Operating Guides provided by the Manufacturer and remain with the aircraft.

The aircraft and/or component identified above was inspected in accordance with the current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed: 

AV-02980

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289

N224SJ Cirrus SR-22 sn: 0705

October 11, 2013

Hobbs: 555.4

Installed Heads-Up Technologies XMD-076A XM sn: 816001699 Receiver with Bluetooth Remote sn: 817001834 per Cirrus Service Bulletin SB 2X-34-14 R1 and SB 2X-34-24 R1. Audio ID # KVVYTR0W2 Weather ID # UCPUR00U Configuration to MFD set up per Avidyne EX-5000 IM and Heads-Up Technologies XM076A Instructions.

Instructions for Continued Airworthiness Document No. HUTXM-SR22-ICA Rec C dated 05/06 have been added to aircraft's records. FAA Approved Flight Manual Supplement 13772-126 is placed in the Pilot Operating Handbook.

Aircraft's Equipment List and Weight and Balance have been amended.

The aircraft and/or component identified above was inspected in accordance with the current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed: 

AV-02980

INSPECTION RECORD

F.A.R. 43.11-91.409

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N224SJ

Cirrus

SR22

S/N: 0705

Airframe Log Entry

25 October 2013

Hobbs: 555.4

Complied with Cirrus SB 2X-34-24 R1 (WAAS Upgrade) by completing composite repairs per service instructions. Complied with Cirrus SB 2X-34-18 (Skywatch Audio Inhibit) per service instructions. Removed the tail tie down, cleaned area and reinstalled. Replaced missing sections of cowling seal. Installed new well nuts for the right upper landing gear fairing. Reattached the left horizontal root fairing as required. Removed the parachute and rocket assembly for 10 year replacement. During inspection of the parachute well noted damage from improper installation of G1 rocket shelf. Submitted repair request to Cirrus Design. Completed composite repair per Cirrus Field Repair / Alteration R11075. Repair was located on the FS222 bulkhead. Complied with Cirrus SB 2X-95-17 (CAPS Rocket Replacement) by removal of rocket motor assembly, P/N: 15047-001, S/N: 01068. Removed parachute cover on aft fuselage. Removed chute assembly, P/N: 15046-002, S/N: 1009. Complied with Cirrus SB 2X-95-13 (CAPS Enclosure Modification and Grommet Installation) by enlarging existing strap holes and installing nylon grommet material to inner circumference as outlined in Service Bulletin, no further action required. Modified parachute enclosure as needed for installation of new rocket assembly. Installed rebuilt parachute assembly P/N: 25574-002-REB, S/N: 00959R1, rebuilt by Cirrus Design Co, Cert. PC338CE, W/O #CSO 469890, dated 9 Aug 2013. Next CAPS parachute repack due August 2023. Canopy color: Orange/ White. CAPS Reefing Line Cutters were removed from original parachute pack assembly and installed onto new pack in accordance with Cirrus CAPS CMM. Cutters next due May 2015. Assembled new rocket motor and igniter components in accordance with Service Bulletin Instructions and Cirrus CAPS CMM. Rocket assembled using new electric igniter components as included in Cirrus Kits P/N: 70268-001 and 70269-001. Installed new rocket motor assembly, P/N: 29500-003, S/N: 0045. New Rocket Motor Assembly Expiration Date 6 August 2023.

(Continued)

(Page 1)

