

N262GM

#1

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Inc. MODEL SR20 DATE OF MFG. 03 2001
SERIAL NUMBER 1129 REGISTRATION NUMBER N262GM

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

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]



ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

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
3-23-01	415	ADJUSTED ROLLER CLEARANCE ON CO-PILOT SEAT SO SEAT WOULD ROLL FORE&AFT WITH LESS FRICTION. CH 25 AMM. OPS CHECK SATISFACTORY.	Pertinent details are on file at this agency under Work Order # <u>032301-01</u> Date <u>3-23-01</u> Signature <u>Bradley T Miller</u> Cirrus Design Factory Service Center Duluth, MN Repair Station Cert. No. YD5R855Y
3-24-01		RE ATTACHED TRIM OVER CAPS HANDLE. RE ADJUSTED PILOT DOOR SEAT. REPLACED TACH GENERATOR PN 12630-001. CH 77-10 OPS CHECK GOOD.	Pertinent details are on file at this agency under Work Order # <u>032401-01</u> Date <u>3-24-01</u> Signature <u>Bradley T Miller</u> Cirrus Design Factory Service Center Duluth, MN Repair Station Cert. No. YD5R855Y

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
T-26-01	HBS 114.8	Removed oil Press. oil Temp. gage P#12619-001 Ser#166 Installed New gage P#12619-001 Ser#254 Gage Supplied by Cirrus Design	Richard Boen ATP 2194927



SUNSHINE AIRCRAFT REPAIR, INC
9612 52ND STREET
KENOSHA, WI. 53144
262-656-7051 HANGER--708-379-7177 PAGER

N#: N262GM

MAKE: CIRRUS SR20

S/N: 1129

Date: 06-22-2001

TR: 75.5

AIRFRAME ENTRY

C/W SA01-09 BY REPLACING GLARE SHIELD WITH NEW FACTORY PART. C/W SB20-55-04 BY REPLACING RUDDER HINGE BOLT. REPLACED OIL TEMP PROBE...END...

HOWARD W. SIEDLECKI
AP21112931A

SUNSHINE AIRCRAFT REPAIR, INC.



9612 52nd Street
Kenosha, Wisc. 53144
262-656-7051
www.sunshineaircraft.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	ICE
11-7-01	282.4	Clean MAIN Fuel Screen	NO leaks Richard Bosen ^{ATP} 2194927	
11-15-01	284.3	C/W SB 20-25-03 Inspect Lube & Drill out Seat Tracks check Seat ops O.K. Y. PRIME & Paint Defects on Bottom Left wing & RT wing @ Cuff Prime & Paint nose wheel fairing Polish to Match	Richard Bosen ^{ATP} 2194927	air
12-31-01		C/W AD 2001-23-17, ADM 39-12516, Pated 12-28-01. GARMIN 430 D/N/A to P4# on Serial #	Richard Bosen ^{ATP} 2194927	
2-15-02	385.1	Installed new landing lite & C/W SB 20-33-01 Landing Light Vibration Mount	^{ATP} Richard Bosen 2194927	

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
2-19-02	HBS 393.6	Install 2 New Main tires 15x6.00x6 GPLY Goodyear Flight Custom II Repack MAIN wheel Bearings Install All New Brake Pads Epoxy Middle Fairing ON Gear leg. ON RT MAIN, Reinstall wheel Fairings. Break in Brake Pads	Richard Bohn AYP 2194927
3-3-02	HBS 396.2	C/W Cirrus SB 20-95-01 & Buhrstic Recovery Systems Mandatory Service Bulletin 95-01	Richard Bohn AYP 2194927
3-21-02	HBS 410.1	C/W Cirrus Service Bulletin SB 20-95-02 Modification & Reroute of CAPS Activation Cable Assembly, Install New Left Aileron PF# 10258-103 Ser# 8268	Richard Bohn AYP 2194927

MAINTENANCE RECORD

F.A.R. 43.9

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Date: 04/02/2002, Aircraft: 262GM, Type: SR-20, S/N: 1129, Hobbs: 422.6, Total Time: 422.6

Discrepancy:1

Completed 100 hour/Annual in accordance with the Cirrus SR-20 inspection guide.

Discrepancy:2

Replaced inst air filters with new.

Discrepancy:3

Replaced induction air filter with new.

I certify that this aircraft has been inspected in accordance with a 100 hour/ Annual inspection and was found to be in airworthy condition. I also certify that the above listed repairs are airworthy and that the aircraft is approved for return to service.

Signed

Robert E. Johnson CRS MNGR501G

Monarch Air (972) 931-0345

Make: CIRRUS DESIGN Model: SR-20
Registration: N262GM Serial #: 1129
Tach: 452.6 Total Hours: 452.6
Removed & replaced nav light switch p/n 1250AN.

Date:: 4/12/02

Todd Hauth



A & P: 2517816

F.A.R. 43.9

Make: CIRRUS DESIGN

Model: SR-20

Date::

Registration: N262GM

Serial #: 1129

Tach: 462.5

Total Hours: 462.5

C/W SB 20-55-05 Rudder Actuation Arm Bearing Mount Replacement. C/W SB 20-01-00 Gross Weight Increase. This Aircraft is released for functional check flight.

Todd Hauth

A & P: 2517816

5-5-02

463.9

Functional check flight performed
Satisfactory Results. *Leo*

Satisfactory Results.

Scott McCutcheon

5-5-02

463.9

Aircraft is returned to service *Full* *Alt* AP 2517816

AP 2517816

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 SERV
Make:	CIRRUS DESIGN	Model: SR-20	Date: 5/18/02
Registration:	N262GM	Serial #: 1129	
Tach:	476.3	Total Hours: 476.3	
C/W SB 20-71-01 Optional Vented Closeout Panel. Weight & balance change is negligible.			

Todd Hawth

A & P: 2517816

[illegible]

F.A.R. 43.9

Make: CIRRUS DESIGN

Model: SR-20

Date::

7/26/02

Registration: N262GM

Serial #: 1129

Tach: 545.4

Total Hours: 545.4

Drained oil and removed filter. Cut and inspected filter no defects noted at this time. Installed new oil filter P/N CH48108 and serviced engine with 7qts of Phillips X/C 20w50 oil. Ground run leak check okay.

Matthew Morgan

A & P: 463779390

7-77-02	545.4	FUNCTIONAL CHX. REOB	Tan Hump
7-31-02	580.4	REPLACED ALT 1, FUNCTIONAL CHX REOB -	Tan Hump 8/1/02

MAINTENANCE RECORD

F.A.R. 43.9

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

Make: CIRRUS DESIGN

Registration: N262GM

Tach: 499.5

Model: SR-20

Serial #: 1129

Total Hours: 499.5

Date::

6/18/02

Lubed all flight controls. Repacked all wheel bearings. Replaced R/H fuel sending unit gasket with new unit supplied by Cirrus. Replaced L/H MLG wheel pant support bracket with new unit supplied by Cirrus. Serviced tire pressures. Serviced brake reservoir. Serviced battery with distilled water and charged.

Philip E. Fellman

A & P: 472980839

Make: CIRRUS DESIGN

Registration: N262GM

Rt. or Fwd.

Engine Ser #:

Model: SR-20

Serial #: 1129

Engine Total Hours: 499.5

Date:: 6/18/02

Total Hours: 499.5

Tach: 499.5

TTSMOH: TSN

Drained oil. Removed, inspected and replaced oil filter with new CH48108. Serviced oil with 7qts of Phillips XC20W50. Compressions are: #1 73/80, #2 70/80, #3 71/80, #4 75/80, #5 74/80, #6 70/80. Replaced Brackett air filter element with new BA-24. Serviced and tested all spark plugs. Cleaned fuel injector nozzles. Adjusted alternator belt tension. Ground run and leak checks are good.

Philip E. Fellman

A & P: 472980839

MAINTENANCE RECORD

F.A.R. 43.9

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Make: CIRRUS DESIGN

Model: SR-20

Date: 7/16/02

Registration: N262GM

Serial #: 1129

Tach: 527.9

Total Hours: 0

Removed old sun visors. Fitted new sun visor blanks using old visors as templates. Installed new sun visors P/N 12698-002. Installed new non skin pads on both cabin entry steps.

Philip E. Fellman



A & P: 472980839

Make: CIRRUS DESIGN

Model: SR-20

Date: 8/3/02

Registration: N262GM

Serial #: 1129

Tach: 545.4

Total Hours: 545.4

Replaced #1 alternator with 654200A1, S/N: C054155 received from TCM FAA# DMIR#CE-511010. Ground run and ops check good.

Philip E. Fellman



A & P: 472980839

8-3-02

545.4

FUNCTIONAL CHECKED OF STRESS FACTORY RESULTS

Tom Wynn

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Make: CIRRUS DESIGN Model: SR-20 Date: 9/10/02
 Registration: N262GM Serial #: 1129
 Tach: 572.3 Total Hours: 572.3

C/W S.B. #20-27-05 Flap/Com electromagnetic interference suppression by installation of kit 70041-001. C/W
 S.B. #20-27-03 Improved rudder pedal torque tube brackets by installation of 4ea 11478-002.

Philip E. Fellman



A & P: 472980839

9/15/02	573.5	Functional checkride. Satisfactory Results.	<i>Scott M. Carley</i> 24506754
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Make: CIRRUS DESIGN Model: SR-20 Date: 9/18/02
 Registration: N262GM Serial #: 1129
 Tach: 573.5 Total Hours: 573.5

Removed lower engine cowl and replaced with new kit P/N: 70032-002 with HID light option IAW Cirrus Design
 S.B. #20-71-03. Serviced tire pressures. Repaired nose wheel forward fiberglass pant. Secured CAPS handle
 cover trim.

Philip E. Fellman



A & P: 472980839

9/20/02	574.0	Functional checkride. Satisfactory Results.	<i>Scott M. Carley</i> 24506754
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MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO WORK PERFORMED/RETURNED TO SERVICE
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Make: CIRRUS DESIGN

Model: SR-20

Date::

9/24/02

Registration: N262GM

Serial #: 1129

Tach: 575.8

Total Hours: 575.8

Removed and replaced L/H main tire with new Goodyear Flight custom 111 15X6.00-6, S/N: 21440840.

Philip E. Fellman

A & P: 472980839



9/27/02

575.8

FUNCTIONAL CHECK - NOSE

SATISFACTORY RESULTS.

Tom Hunt

Make: CIRRUS DESIGN

Model: SR-20

Date::

11/22/02

Registration: N262GM

Serial #: 1129

Tach: 268.8

Total Hours: 0

C/W SB A20-27-06 Trim cartridge self locking nut replacement. C/W AD #2002-21-02 Cirrus Design Corporation IAW para (d) (1). C/W SB 2032-04 Nose gear spindle cup inspection. Serviced oxygen system. Reterminated wires at pilot's O/H light.

Matthew Morgan



A & P: 463779390

INSPECTION RECORD

F.A.R. 43.11-91.409

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

PATE

**AIRCRAFT TIME
IN SERVICE**

03/15/01 40 Hrs.

Production Flight Test accomplished in accordance with Cirrus

Procedure # 90500.

Name: Gary Black

Date: _____

3/14/01

Signature: _____

ary Black Date: Gary Black

Title: Director of Flight Operations

2/5/01	4.0 hrs
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I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 03 / 15 / 01.

The next inspection is due 03 / 31 / 02.

Genothy L. Boderer

TIMOTHY L. BONDERER

DMIR410074CE

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

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

Make: CIRRUS DESIGN

Model: SR-20

Date::

10/24/02

Registration: N262GM

Serial #: 1129

Tach: 598.3

Total Hours: 0

Lubed all flight controls. Repacked all wheel bearings. Serviced tire pressures. Serviced battery with distilled water and charged. The following work was performed by DFW Instruments: FAR91.411 test on 5934D altimeter, S/N: 415922 under WO #10142. Calibration of blind encoder A-30, S/N: 70654 under WO #10143. FAR 91.411 & .413 C/W by DFW Instruments CRS #DZMR112L under WO #10156

Philip E. Fellman

A & P: 472980839

10/25

Func. Check Rider. Satisfactory Results. Matt Morgan

Make: CIRRUS DESIGN

Model: SR-20

Date:: 12/3/02

Registration: N262GM

Serial #: 1129

Total Hours: 0

Rt. or Fwd.

Engine Total

Tach: 0

Engine Ser #:

Hours: 0

TTSMOH:

Removed and replaced tach generator with new 12630-001 S/N: 356. Removed, inspected and replaced oil filter with new CH48109. Drained engine oil. Serviced engine with 7qts of Aeroshell 15W50 oil. Ground run and leak check good.

Matthew Morgan

A & P: 463779390

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

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

Functional Check Ride. Satisfactory Results. Scott M. Carter

Functional Check Ride. Satisfactory Results. Scott M. Carter

3/13/03

Total Hours: 693.8

693.8

693.6
Tact: Performed annual inspection. Replaced nose wheel fairing with new 12446-106. C/W S.B. #20-52-02 installation of drain holes in doors. C/W S.B. 20-55-08 enlargement of drain holes in rudder and elevator. Replaced instrument air filter with new RA1J7-1. Replaced instrument air regulator filter with new RA-B3-5-1. Serviced brake reservoir. Changed batteries in clock and attitude indicator. C/W FAR 91.207(d) ELT inspection. Reweighed fire bottle. Replaced pilot's push to talk switch. I certify this airframe has been inspected in accordance with an annual inspection and is in an airworthy condition.

Philip E. Fellman

IA: 472980839

ALTITUDE CALIBRATION ERROR

STD. ALT. FT. X 1000	ACTUAL ALTIMETER ERROR	STD. ALT. FT. X 1000	ACTUAL ALTIMETER ERROR
-1	✓	16	✓
0	✓	18	+10
.5	✓	20	+30
1	✓	22	}
1.5	✓	25	
2	✓	30	
3	✓	35	
4	✓	40	
6	-5	45	
8	-10	50	
10	-20	55	
12	-10	70	
14	✓	80	✓

S/N: 415922 DATE: 10/24/02

W/O #: 10142
Inspector: [Signature]



DFW Instruments

CRS #DZMR112L

INSPECTION RECORD

DFW Instruments

Make CIRRUS Model SR-20 S/N 1129 Reg # N2626M
inspections required by 14 CFR 91.413 (a) have been performed &
ment listed below has been found to meet the requirements of 14 CFR
ndix F.

ponder #1 P/N GTX-327
ponder #2 P/N N/A

Inspector

[Signature]

S/N 03703302

S/N N/A

W/O 10156
Date 10-25-02

W Instruments

Make CIRRUS Model SR-20 S/N 1129 Reg # N2626M
inspections required by 14 CFR 91.411 (a)(1) have been performed
ment listed below has been found to meet the requirements of 14
pendix E.

Static Pressure System

Automatic Altitude Reporting System

ter #1 P/N 59340-3 S/N 415922 Alt. 20K ft Date 10-26-02

ter #2 P/N X S/N X Alt X ft Date X

ter #3 P/N X S/N X Alt X ft Date X

er(s) & altitude reporting system(s) have been tested to the altitude

20K FT
Inspector [Signature]

Date 10-25-02 W/O # 10156

SERVICE