

TEMPEST

Air Filter Change Reminder

Installed at: Change at:

1620.4 Hrs. 2120.4 Hrs.

3-4-21 Date

(vacuum) www.TempestPlus.com

AIRCRAFT LOG

AF5-1

Aircraft Log

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR-20 DATE OF MFG. Oct 2002
SERIAL NUMBER 1266 REGISTRATION NUMBER N7724T

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

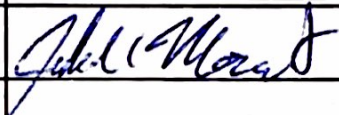
INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors Inc.	IO360 ESGB	R 357499
ENGINE			L
PROPELLER	Hartzell Propellers Inc.	PHC J31F-1RF	FP1911B
PROPELLER	HARTZELL PROPELLER INC	PHC-J31F-1RF	FP7513B
ENGINE	1		
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		10-1-02 4.5 hrs	Searched AD's through bi-weekly issue <u>2002-19</u> . All AD's are in compliance at this time.			 
		2-1-3 1 Hr	SB 20-55-8	Holes enlarged Tail		Owne Authorized 
		2-1-3	SB 20-52-2	OK from factory		
						OK at Pick up

MAKE: Cirrus
MODEL: SR20
S/N 20-1266
REG. NO: 7724T
WORK ORDER:
14889-08-2012

Cirrus Design Factory Service Center

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

DATE: 9/6/2012
A/C TSN: 1155.7
HOBBS: 1155.7

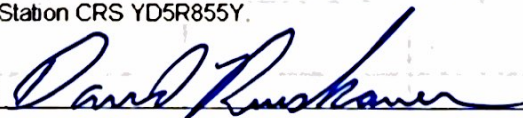
SB Entries

- (3) Performed SB 2X-95-13, CAPS Strap inspection and Grommet Installation. IAW Service Bulletin Instructions. No discrepancy noted.
- (4) Complied with SB2X-53-03 for the replacement of Fuselage Tail Tie Down IAW service bulletin instructions.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 9/6/2012

SIGNED:



Dave Ruuskanen
Certified Repair Station No. YD5R855Y

Work Order: 14889-08-2012

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ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
------	--------------	-------	------------	----------	-----------	---------------------	----------------------------------

CRS#: TH5R223N
VIP AVIONICS, INC.
BRAINARD AIRPORT
HARTFORD, CT 06114

12/06/04
N7724T
SR20
HOBBS: 372.0

WO# 10380
CIRRUS
S/N: 1266

FAR 91.411 has been accomplished IAW Part 43 app E para A,B,D.
This altimeter has been tested to 20,000 feet and found satisfactory for
return to service. Pertinent details are on file at this facility.
Make: United Model: 5934D-3 Serial #: 249H

ALTIMETER CORRECTION CARD

ALT S/N 249H DATE: 12-6-04 INSP: *[Signature]*

TRUE	ERROR	TRUE	ERROR	ALT	FRICTION	
-1000	0	14000	-10	1000	30	
0	+5	16000	-15	2000	30	
500	+10	18000	-10	3000	20	
1000	+10	20000	+20	5000	25	
1500	+10	22000		10000	30	
2000	+10	25000		15000	40	
3000	+10	30000		20000	30	
4000	+15	35000		25000		
6000	+5	HYSTERISIS		30000		
8000	-10			35000		
10000	-10			CASE LEAK		
12000	-20	50%	+25			0'e 18K
		40%	+25			

VIP AERO INSTRUMENTS AND AVIONICS
FAA REPAIR STATION #TH5R223N

ted to 20,000 feet
a. C.
rial #: 80710

y FAR 91.413 were
pp F.
rial #: 83710762

223N

Keyson Airways Corporation
117 Perimeter Road
Nashua, NH 03063
FAA CRS# KNMR864S
Phone 603-598-4526 Fax 603-595-2908

Form #15

Date: 1 Feb 07

Initial Indications
At 29.92 in hg

Altimeter: 280 Feet
Calibrator: 265 Feet

A/C Tail # N7724T
Work Order # A11467

Model Number	Serial Number
UNITED 5340-3	428724
GTx 327	83710762
A-30	80710

Altimeter
Transponder
Encoder

Barometric Scale Error (reference pressure @ 29.92 in hg to zero)

In hg scale	Feet Calibration	Feet Reading	Adj to 29.92 in hg	Feet Error	± Feet Tolerance
28.10	-1727	-1735		-8	± 25
28.50	-1340	-1350		-10	± 25
29.00	-863	-860		-3	± 25
29.50	-392	-398		-6	± 25
29.92	0	0		0	± 25
30.50	531	530		1	± 25
30.90	893	898		5	± 25
30.99	974	979		5	± 25

Altimeter/Encoder
Calibration Sheet

FAA CRS# KNMR864S

IC CHECKS

	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
within		
7		
2		
710		
224		
07.8		
4S		

The Aircraft, Airframe, Engine, Propeller, Appliance, Radio or Instrument identified on this Work Order was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service by Keyson Airways Corporation. FAA CRS #KNMR864S.

Authorized By

Date

1 Feb 07

Work Order No.

A11467

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6B tested to 20,000 feet on 11-11-09.

Transponder: Mfg. Garmin Model GTX337 S/N 83710762

Encoder: Model ACK P/N A-30 S/N 80710

Altimeter #1: Mfg. United P/N 5934D3 S/N 428224

Altimeter #2: Mfg. - P/N - S/N -

Doug's Testing LLC.

CRS 6DHR491B

Signed

[Signature]

CHECKS			
meter P/N	<u>5934D3</u>	S/N	<u>428224</u>
Date	<u>11-11-09</u>		
Reference Altitude	Altimeter	Reference Altitude	Altimeter
-1000	<u>-1010</u>	12000	<u>12,020</u>
0	<u>-10</u>	14000	<u>14,020</u>
500	<u>495</u>	16000	<u>16,000</u>
1000	<u>985</u>	18000	<u>18,040</u>
1500	<u>1490</u>	20000	<u>20,060</u>
2000	<u>2010</u>	22000	
3000	<u>3020</u>	25000	
4000	<u>4020</u>	30000	
6000	<u>6020</u>	35000	
8000	<u>7985</u>	40000	
10000	<u>10,010</u>	45000	
Inspector	<i>[Signature]</i>	50000	

MAINTENANCE RELEASE

CHECKED BY:
SIGNATURE — CERT. NO.

Date: 11-11-09 Make: Cirrus Model: SR20
Reg.#: N7724T P/N: - S/N: 1266
Tach: 906.5 Hobbs: - Total Time: -

This aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order No. 100-1.

Signed: Douglas Hank for

Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

Signed: Douglas Hank for

Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

RADIO & ELECTRONIC CHECKS

[illegible]

I certify that the FAR's 91.217, 91.403 Appendices E

Transponder: N

Encoder: Mod

Altimeter #1:

Altimeter #2:

RADIO & E

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK
Altimeter P/N <u>59340-3</u> S/N <u>428224</u> Date <u>12-1-11</u>			
Reference Altitude	Altimeter	Reference Altitude	Altimeter
-1000	-1000	12000	12,010
0	0	14000	14,010
500	510	16000	16,010
1000	1015	18000	18,030
1500	1510	20000	20,050
2000	2015	22000	-
3000	3015	25000	-
4000	4015	30000	-
6000	6010	35000	-
8000	7995	40000	-
10000	10,000	45000	-
Inspector <u>Douglas Hank</u>		50000	-

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6B tested to 20,000 feet on 12-1-11.

Transponder: Mfg. Garmin Model GTX327 S/N 83710762

Encoder: Model ACK P/N A30 S/N 80710

Altimeter #1: Mfg. United P/N 59340-3 S/N 428224

Altimeter #2: Mfg. - P/N - S/N -

Doug's Testing LLC.

CRS 6DHR491B

Signed Douglas Hank

MAINTENANCE RELEASE

Date: 12-1-11 Make: Cirrus Model: SR20
 Reg #: N7724T P/N: - S/N: 1266
 Tach: 1087.7 Hobbs: 1087.7 Total Time: -

his aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order

No. 100-77

Signed Douglas Hank for

Doug's Testing LLC.
 210 12th Street
 Proctor, MN 55810
 CRS 6DHR491B

RADIO & ELE

Altimeter P/N 59340-3 S/N 428224 Date 11-27-13

Reference Altitude	Altimeter	Reference Altitude	Altimeter
-1000	-980	12000	12050
0	20	14000	14060
500	520	16000	16080
1000	1020	18000	18090
1500	1520	20000	20110
2000	2030	22000	—
3000	3030	25000	—
4000	4030	30000	—
6000	6040	35000	—
8000	8040	40000	—
10000	10050	45000	—
Inspector <u>Douglas Hanks</u>		50000	—

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6B tested to 20,000 feet on 11-27-13

Transponder: Mfg. Garm'n Model 6TX327 S/N 83710762

Encoder: Model ACK P/N A-30 S/N 80710

Altimeter #1: Mfg. United P/N 59340-3 S/N 428224

Altimeter #2: Mfg. — P/N — S/N —

Doug's Testing LLC.

CRS 6DHR491B

Signed Douglas Hanks

MAINTENANCE RELEASE

Date: 11-27-13

Make: CIRRUS

Model: SR20

Reg.#: N7724T

P/N: —

S/N: 1266

Tach: 1205.1

Hobbs: 1205.1

Total Time: 1205.1

This aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order

No. 100-159

Signed: Douglas Hanks for

Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

RADIO & E

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK
------	------------	-------------------	---------------

Altimeter P/N 59340-3 S/N 428224 Date 12-9-15

Reference Altitude Altimeter Reference Altitude Altimeter

-1000	<u>990</u>	12000	<u>12030</u>
0	<u>20</u>	14000	<u>14030</u>
500	<u>520</u>	16000	<u>16030</u>
1000	<u>1020</u>	18000	<u>18060</u>
1500	<u>1520</u>	20000	<u>20080</u>
2000	<u>2025</u>	22000	<u>—</u>
3000	<u>3030</u>	25000	<u>—</u>
4000	<u>4030</u>	30000	<u>—</u>
6000	<u>6030</u>	35000	<u>—</u>
8000	<u>8020</u>	40000	<u>—</u>
10000	<u>10030</u>	45000	<u>—</u>
Inspector <u>[Signature]</u>		50000	<u>—</u>

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6B Tested to 20,000 feet on 12-9-15

Transponder: Mfg Garmin Model GTx327 S/N P3710762

Encoder: Model ACK P/N A30 S/N 80710

Altimeter #1: Mfg United P/N 59340-3 S/N 428224

Altimeter #2: Mfg — P/N — S/N —

Doug's Testing LLC.

CRS 6DHR491B

Signed [Signature]

MAINTENANCE RELEASE

Date: 12-9-15

Make: Cirrus

Model: SR20

Reg.# N7724T

P/N: —

S/N: 1266

Tach: 1399.7

Hobbs: 1399.7

Total Time: —

This aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order No 100-247

Signed: [Signature] for

Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

RADIO & ELECTRONIC CHECKS

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6C

Tested to 20,000 feet on 3-15-18

Transponder: Mfg. Garmin Model GTX327 S/N 83710762

Encoder: Model ACK P/N A-30 S/N 80710

Altimeter #1: Mfg. United P/N 5934D-3 S/N 428224

Altimeter #2: Mfg. — P/N — S/N —

Doug's Testing LLC.
CRS 6DHR491B

Signed

Douglas Heale

MAINTENANCE RELEASE

Date: 3-15-18 Make: Cirrus Model: SR20

Reg. # N7724T P/N — S/N 1266

Tach: 1526.5 Hobbs: 1526.5 Total Time: 1526.5

This aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order

No. 100-350

Signed:

Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

for

Douglas Heale

Altimeter P/N 5934D-3 S/N 428224 Date 3-15-18

Reference Altitude	Altimeter	Reference Altitude	Altimeter
-1000	<u>-1020</u>	12000	<u>11990</u>
0	<u>-10</u>	14000	<u>13990</u>
500	<u>490</u>	16000	<u>16000</u>
1000	<u>1,000</u>	18000	<u>18010</u>
1500	<u>1490</u>	20000	<u>20030</u>
2000	<u>1990</u>	22000	<u>—</u>
3000	<u>2990</u>	25000	<u>—</u>
4000	<u>4000</u>	3000	<u>—</u>
6000	<u>6000</u>	35000	<u>—</u>
8000	<u>7990</u>	40000	<u>—</u>
10000	<u>9990</u>	45000	<u>—</u>
Inspector <u>Douglas Heale</u>		50000	<u>—</u>



Cirrus Design Factory
Service Center
4961 Airport Road
Duluth, MN 55811

CRS# YD5R855Y

24 MONTH ALTIMETER & TRANSPONDER CERTIFICATION

Aircraft Registration	N7724T
Aircraft Model	SR-20
Aircraft S/N	1266
Work Order	DLH19678-12-2019
Pressure test unit S/N	187
ATC test unit S/N	4849
Encoder P/N	A-30
Encoder S/N	80710

#1 ADC / Altimeter P/N	5934D-3
#1 ADC / Altimeter S/N	428224
#2 ADC / Altimeter P/N	N/A
#2 ADC / Altimeter S/N	N/A
#3 ADC / Altimeter P/N	N/A
#3 ADC / Altimeter S/N	N/A
#1 Transponder P/N	010-01216-41
#1 Transponder S/N	3EG422876
#2 Transponder P/N	N/A
#2 Transponder S/N	N/A

Appendix E to Part 43—Altimeter System Test and Inspection

(a) Static Pressure System

STATIC SYSTEM

Free of Moisture	Pass	Fail
Leak Check	Pass	Fail

PITOT SYSTEM

Free of Moisture	Pass	Fail
Leak Check	Pass	Fail

MISC

Pitot Heat Function	Pass	Fail
Alternate Static	Pass	Fail

(b) Altimeter

(i) SCALE ERROR

Altitude (feet)	Tolerance (feet)	ADCs / Altimeters		
		#1	#2	#3
-1,000	± 20	-1000	N/A	N/A
0	± 20	0	N/A	N/A
500	± 20	500	N/A	N/A
1,000	± 20	1000	N/A	N/A
1,500	± 25	1500	N/A	N/A
2,000	± 30	2000	N/A	N/A
3,000	± 30	3000	N/A	N/A
4,000	± 35	4000	N/A	N/A
6,000	± 40	6000	N/A	N/A
8,000	± 60	7980	N/A	N/A
10,000	± 80	9980	N/A	N/A
12,000	± 90	11980	N/A	N/A
14,000	± 100	13980	N/A	N/A
16,000	± 110	15980	N/A	N/A
18,000	± 120	18000	N/A	N/A
20,000	± 130	20000	N/A	N/A
22,000	± 140	N/A	N/A	N/A
25,000	± 155	N/A	N/A	N/A
30,000	± 180	N/A	N/A	N/A

(ii) HYSTERESIS

ADCs / Altimeters (± 75)				
Test Points (% of max alt)	Test Box	#1	#2	#3
50% initial	10000	9980	N/A	N/A
50% final	10000	9980	N/A	N/A
Change	0	0	N/A	N/A
40% initial	8000	7980	N/A	N/A
40% final	8000	7980	N/A	N/A
Change	0	0	N/A	N/A

(iii) AFTER EFFECT (± 30 ft)

Unit tested	Initial	After	Change
Test box	1540	1530	-10
#1	1540	1530	-10
#2	N/A	N/A	N/A
#3	N/A	N/A	N/A

(iv) FRICTION (Altimeter only)

Altitude (feet)	Tolerance (feet)	Altimeter Change
1,000	± 70	20
2,000	± 70	20
3,000	± 70	20
5,000	± 70	20
10,000	± 80	20
15,000	± 90	30
20,000	± 100	40
25,000	± 120	N/A
30,000	± 140	N/A

(v) Case Leak

Pressure @ 18000 ft
Is leak under 100 ft/min?

Unit	Pass/Fail
#1	Pass
#2	Pass
#3	Pass

(vi) BAROMETRIC SCALE ERROR (± 25) (Altimeter only)

Pressure Setting	Calibrated Difference	Altimeter Reading	Actual Difference
28.1	-1.727	-200	-1730
28.5	-1.340	190	-1340
29	-863	680	-850
29.5	-392	1140	-390
29.92	0	1530	0
30.5	531	2060	530
30.9	893	2420	890
30.99	974	2500	970

(vii) Airspeed (Record indication)

Pre-Ins	175 knts	Post-Ins	175 Knts
---------	----------	----------	----------

(c) Automatic Pressure Altitude Reporting

ENCODER CALIBRATION (if required)

Transponder change point	Primary Altimeter Reading	Pass/Fail (±125 ft)
2,900 → 3,000	3,000	Pass
17,900 → 18,000	18,000	Pass
24,900 → 25,000	25,000	Pass

All tests of Appendix E to Part 43, that are required for this system, are found to be within the specified Limits.

Technician Signature
Inspector Signature

12/26/19
Date
12/26/19
Date

Appendix F to Part 43—ATC Transponder Tests and Inspections

91.413 MODE S TRANSPONDER CERTIFICATION

	Transponder 1 Result	Transponder 2 Result
(a) RADIO REPLY FREQUENCY: 1090 ± 1 MHz	Pass	N/A
(b) SUPPRESSION REPLY: < 1% when P'dB = P'dB	Pass	N/A
(b) SUPPRESSION REPLY: > 90% when P'dB is 9dB less than P'dB	Pass	N/A
(c) RECEIVER SENSITIVITY MTL: -73 ± 4 dbm (±7db radiated signal)	Pass	N/A
(c) RECEIVER SENSITIVITY MODE A/C DIFFERENCE: < 1dB	Pass	N/A
(d) RF PEAK POWER OUTPUT: 125W < OUTPUT < 500W	Pass	N/A
(f) MODE S ADDRESS: verify address is being transmitted	Pass	N/A
(h) MODE S ALL CALL: verify reply has correct address and capability	Pass	N/A
(i) ATC BRS ALL CALL: verify atcbrs all call produces no reply	Pass	N/A
(j) SQUITTER: verify mode s generates correct squitter (1 per second)	Pass	N/A

91.413 MODE C TRANSPONDER CERTIFICATION

	Result
(a) RADIO REPLY FREQUENCY MODE C: 1090 ± 1 MHz	N/A
(b) SUPPRESSION REPLY: < 1% when P'dB = P'dB	N/A
(b) SUPPRESSION REPLY: > 90% when P'dB is 9dB less than P'dB	N/A
(c) RECEIVER SENSITIVITY MTL MODE C: -74 ± 3 dbm (±7db radiated signal)	N/A
(c) RECEIVER SENSITIVITY MODE A/C DIFFERENCE: < 1dB	N/A
(d) RF PEAK POWER OUTPUT: 125W < OUTPUT < 500W	N/A

All tests of Appendix F to Part 43, that are required for this system, are found to be within the specified Limits.

Technician Signature
Inspector Signature

12/26/19
Date
12/26/19
Date



Cirrus Aircraft Factory
Service Center
4961 Airport Road
Duluth, MN 55811

CIRRUS
AIRCRAFT

CRS# YD5R855Y

Aircraft Reg:

N7724T

Work Order:

DLH19678-12-2019

Altitude Tested to:

20,000 FT

Date Tested:

12/26/2019

CHECKED BY:
SIGNATURE — CERT. NO.

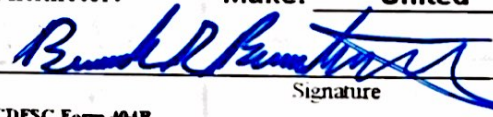
DATE TOTAL
TIME

I certify that the, 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 have been found to be within the specified limits of FAR 43 appendices E & F and AC 43-6D, up to the specified altitude. Next certification is due 12/31/2021, or when otherwise required.

Transponder: Make: Garmin Model: GTX-345 S/N: 3EG422876

Encoder: Make: ACK Model: A-30 S/N: 80710

Altimeter: Make: United Model: 5934D-3 S/N: 428224


Signature

12/26/19
Date

CDFSC Form 404B

Revision 12

10/25/2013

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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LOG BOOK ENTRY

DATE: 10/28/2002

MAKE: CIRRUS TOTAL TIME: 4.5 N#: N7724T

MODEL: SR20 HOBBS TIME: 4.5 S/N: 1266

Replaced buttons on doors with new P/N: 51158-001 IAW cirrus MM. CH. 25-10. Cleaned cabin area IAW cirrus MM. CH. 12-20. Repaired tough spot in L.H. door jam IAW cirrus MM CH. 51-30. Repaired multiple paint discrepancies IAW cirrus mm ch. 51 and standard maintenance practices. Removed glue from inside fo R.H. door IAW cirrus MM. CH. 12-20. Resecured door stripes at edges IAW standard maintenance practices. Removed and replaced pitot tube mast, and preformed pitot leak check with calibrated test box IAW cirrus mm ch. 34-10. Cleaned spinner IAW cirrus mm ch. 12-20. Replaced flap relays with new PN: 50288-001 IAW cirrus mm ch. 27-50. Replaced fuel cap with new PN: 50525-101 IAW cirrus mm ch. 28-10

The work identified above was performed in accordance with the current Federal Aviation Regulation and was found to be airworthy for return to service. Pertinent details are on file at this agency under;

W/O#: 102602-01

SIGNED

Cirrus Design Factory Service Center, CRS# YD5R855Y, 4515 Taylor Circle, Duluth, MN 55811

-4-3		Repairs nose wheel pant	12063
-15-3	140	Clean + Rotate spark plugs	Liebfried aviation

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 MODEL: SR20 S/N: 1266 REG. NO: 7724T WORK ORDER: 357-10-2003  Cirrus Design Factory Service Center 4515 Taylor Circle Duluth, MN 55811 Repair Station No. YD5R855Y	DATE: 10/15/2003 TTA: HOBBS: 198.3
		Airframe Entries (1) Performed airframe annual inspection IAW cirrus mm chapters 5-20 and 5-30.... (7) Serviced aircraft primary battery IAW GILL G-234 service instructions.... (8) Adjusted rigging of A.R.I. to prevent interference with aileron trim IAW cirrus mm chapter 27-20, operational and travel check of A.R.I. good at this time.... (9) Removed and replace elevator pitch trim motor with new P/N 11794-004 IAW cirrus mm chapter 27-30, operational and travel check of elevator system good at this time.... (10) Installed cotter pin correctly in yaw cartridge rod end IAW standard maintenance practices.... (11) Lubricated both door latching mechanisms IAW cirrus mm chapter 12 and standard maintenance practices.... (12) Adjusted both interior door handle roll pins to correct position IAW cirrus mm chapter 52 and standard maintenance practices.... (13) Lubricated R/H door pin receivers IAW cirrus mm chapter 12 and standard maintenance practices, operational check of door good at this time.... (14) Removed and replaced garter filter with new P/N 50118-002 IAW cirrus mm chapter 37-10.... (15) Removed and replaced instrument air filter with new, P/N 50119-001 IAW cirrus mm chapter 37-10. ... (16) Removed and replaced turn and bank batteries with new P/N 50767-001 IAW standard maintenance practices.... (17) Tightened bottom rudder hinge bolt to correct torque IAW cirrus mm chapter 55-40 and standard maintenance practices.... (18) Replaced both left and right MLG clickbonds with new P/N 50741-005 IAW cirrus IPC chapter 32 and standard maintenance practices.... (19) Removed and replaced all brake linings with new P/N 066-14100 IAW cirrus mm chapter 32-42.... (20) C/W S.B. 2X-25-05 Release of Am-Safe Mandatory Service Bulletins 504907-25-02 and 504491-25-01 by installing kit P/N 70064-101 IAW S.B.s 504907-25-02 and 504491-25-01 instructions.... (21) Performed SB 2X-32-07, (MLG brake line inspection). Replaced both lower MLG strut fairings IAW CDC AMM chap. 32.... (22) C/W S.B. 20-55-08 Enlargement of drain holes in rudder bottom and elevator tips IAW S.B. 20-55-08 instructions.... (23) C/W S.B. 2X-57-04 Outboard Aileron Hinge Inspection by inspecting bolts for proper torque and thread engagement IAW S.B. 2X-57-04 instructions, no discrepancies noted at this time.... (24) Researched ADs through	
		1	
		CONTINUED →	

F.A.R. 43.9

[illegible]

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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N1724T

HOBBS: 242.8

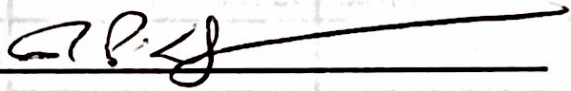
TACH: —

Removed the Bolster panel P/N A0740 REV B and installed
and installed a new Bolster panel P/N A0740 REV B s/n 029.
Performed a test of all components controlled by the
panel and found all items to be operating satisfactorily.
Ground ran a/c and monitored alternator output
under varying electrical loads. Alternator operating satisfactorily.

Work Order # 12791 Date: 1-26-04

East Coast Aviation
Hanscom AFB-Hangar 1730
Bedford, MA 01730

FAA Certified Repair Station EA6R508N

SIGNATURE: 

Phone 781-274-0105 Fax 781-274-0714

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
11-2-04	356.6 tach	c/w annual insp IAW FAR43 appx D & using Circus maintenance checklist as a guide, insp & cleaned fuel bowls, R&R induction filter, serviced battery, checked lites- Pitot heat- -stall warning, serviced wheel bearings, insp & test ELT IAW FAR91.207D (battery Due 3/08), R&R central vac & Relief filters, checked cable tensions, lubed airframe, painted exterior door handle rings on both doors, R&R outboard rt fuel drain, c/w 13 2X-27-08 trim Cartridge, c/w 13 2X-28-02 fuel selector valve Ext shaft, c/w 4B 2X-55-10 Horizontal Stab insp 2008 6/11/08 13 2X-25-05 R1 Seats (release of Arm safe), c/w 13 A 2X-25-08 crew seat break over bolt, c/w 13 2X-25-09 seat lap bolt anti-rotation top, 13 2X-32-07 brake line insp, c/w 13 2X-95-07 CAPS bulkhead 222 Placard, reattached left	

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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Liebfried Aviation, Inc.
(978) 343-6536

Date: 12/22/04

Tech: Charles Mello

N#: N7724T

A&P: 235618866 IA

Hrs.: 381 Hobbs

Sign:

557 Crawford St.
Fitchburg, MA 01420

Description of Work:

Liebfried Aviation, Inc.
(978) 343-6536

Date: 5-17-05

Tech: Chuck Mello

N#: N7724T

A&P: 23561866

Hrs.: 3300

Sign:

557 Crawford St.
Fitchburg, MA 01420

Description of Work:

Airframe

1. R&R prop, for seal repair by New England Propeller w.o. #CR-31329.
2. Replaced the tach generator 12630-001S.
3. Operational test with no discrepancies noted.
4. All work was performed i/a/w manufacturer's service instructions. End

checked AD's ATP bi-weekly

Date 11-2-04 Tach Time 336.6 Total Time 336.6

I certify that this airframe has been inspected in accordance with a annual inspection and was determined to be in an air-worthy condition.

William Greenwood
William Greenwood A&P2523537 IA

brackets
terminal
batteries
id,
k &
H/c

Liebfried Aviation, Inc.

557 Crawford St. Fitchburg, MA 01420

(978) 343-6536

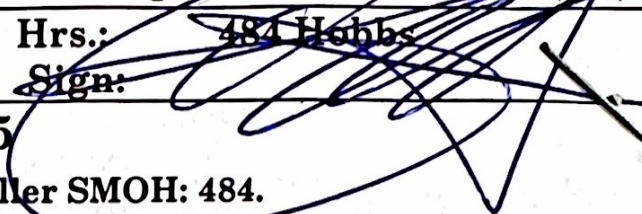
Date: 12/23/05

N#: N7724T

Hrs.: 484 Hobbs

Tech: Charles Mello

A&P: 23561866 IA

Sign: **Description of Work: Aircraft Annual 2005**

1. Tach: 484 Hobbs, Total time: 484, Engine SMOH: 484, Propeller SMOH: 484.
2. The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted. Battery is next due 03-08.
3. AD's were reviewed as of revision 2005-23 and the following apply:
4. Place AD's here.
5. Serviced aircraft as follows: Repacked wheel bearings, lubed/ greased landing gear, lubed/ serviced brake system. Lubed flight, engine and accessory controls. Lubed all hinges, mechanisms, bearings, pulleys, drives and rod ends. Serviced, charged and cleaned battery and box. Replaced air filters: Vacuum main: D9-18-1, Relief: ARB3-5-1, Engine: BA24. Cleaned the engine, belly and washed the aircraft.
6. Replaced oil cooler support bolt with 632987-1.12 and shoe 632983, using new gasket.
7. Replaced screws in gear fairing at close.
8. Retorqued nose spindle nut per maintenance manual, sec 32-20D, figure 32-203; serviced nose tire.
9. Cleaned right gear leg fairing attach points, bonded click bonds CN125-832-5-CK (50741-005), new on left, reused on right. Adhered using Hysol Epoxy.
10. Retorqued fitting on brake reservoir; check again at next oil change.
11. R&R glare-shield to gain access to both upper engine mount-to-firewall attach point for re-torquing 38-40 lbs (480"-lbs per section 71-21, page 1).
12. Replaced "3" 9-Volt batteries in the T&B.
13. Re-torqued screws on both L&R fuel transmitters, and cleaned. Owner to recheck at next top-off/oil change.
14. Checked main wheel alignment and found within limits per section 32-10 page 11, fig 32-103.
15. Replaced brake pads with 066-14100 and conditioned. R&R alternate air valve assembly inspection and trimmed to adjust valve fit; rigged.
16. Replaced throttle cable with 14393-103 and rigged per maintenance manual, sec 76-10. (Cont.)

Liebfried Aviation, Inc.

557 Crawford St. Fitchburg, MA 01420

(978) 343-6536

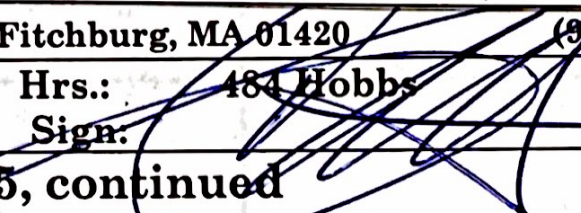
Date: 12/23/05

N#: N7724T

Hrs.: 484 Hobbs

Tech: Charles Mello

A&P: 23561866 IA

Sign: **Description of Work: Aircraft Annual 2005, continued**

17. The systems affected were operationally tested with no discrepancies noted.
18. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
19. I certify that this Aircraft has been inspected i/a/w an Annual inspection and determined to be in airworthy condition. End.

MAINTENANCE RECORD

Liebfried Aviation, Inc.

557 Crawford St. Fitchburg, MA 01420

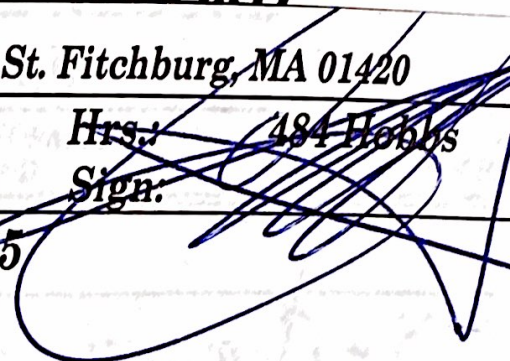
Date: 12/23/05

N#: N7724T

Hrs.: 484 Hobbs

Tech: Charles Mello

A&P: 23561866 IA

Sign: 

Description of Work:

Engine Annual 2005

1. Hobbs: 484, SMOH: 484, Prop SMOH: 484.
2. Compression test: 76/, 76/, 76/, 74/, 74/, 72/ over 80 PSI.
3. Changed oil and filled with: Aeroshell 15w50.
4. Removed and inspected oil filter with no discrepancies noted. Replaced with: CH48108-1.
5. Cleaned, gapped and inspected spark plugs, installed with new gaskets.
6. Cleaned main fuel screen. Cleaned the injector nozzles. Lubed engine controls. Tightened hoses and rocker cover screws.
7. Separated baffle spring and drain left side, inspected and determined serviceable.
8. Separated prop control/induction drain and applied anti-chafe.
9. Replaced crush gasket on oil pickup screen, pressure regulator and mag timing hole. Retorqued nuts, including on sump.
10. Replaced gasket on intake flange at #2 cylinder and tested system.
11. Lubed slip joints after engine cleaning.
12. Retorqued h/w on cam cover and cleaned area.
13. Loosened injector line clamp, cleaned area and applied anti-chafe at attach points.
14. Applied anti-chafe to #5 push-rod tube and baffle area.
15. Ground ran, checked engine pressure per 97-3. No adjustment required. Test flight needed to confirm.
16. Removed both left and right mags, using cable tester E5, tested leads on right mag. All tested OK, reinstalled mags and timed to engine 24 deg.
17. The systems affected were operationally tested with no discrepancies noted.
18. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B. End

Liebfried Aviation, Inc.

557 Crawford St. Fitchburg, MA 01420

(978) 343-6536

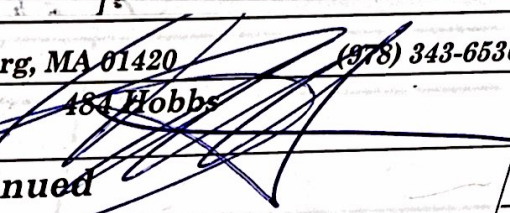
Date: 12/23/05

N#: N7724T

Hrs.: 484 Hobbs

Tech: Charles Mello

A&P: 23561866 IA

Sign: 

Description of Work:

Aircraft Annual 2005, continued

17. The systems affected were operationally tested with no discrepancies noted.
18. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
19. I certify that this Aircraft has been inspected i/a/w an Annual inspection and determined to be in airworthy condition. End.

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
10-13-06	584.3	- Complied w/ SB 2X-57-05 also replaced Rt Inboard aileron hinge. - Complied w/ SB 2X-25-06 R1 crew seat recline lock installation. - Complied w/ 2X-28-03 R1 Fuel selector valve extensor shaft sleeve install. - Complied w/ SB 2X-32-14 R1 main landing gear fairing modification. - Complied w/ SB 2X-28-04 R1 Fuel line chafing. - Complied w/ SB 2X-25-17 R1 crew seat bracket. - Complied w/ SB 2X-25-17 R1 Addresses AD 06-19. - Complied w/ SB 2X-57-05 Addresses AD 06-07.	
		Signature  Work Order# 11342 Date 10-13-06 Keyson Airways Corporation FAA Certified Repair Station KNMR864S Form #8	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TYPE IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED RETURNED TO SERVICE
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Date: 2/02/2007; Aircraft: N7724T; Type: SR20; S/N: 1266; Hobbs: 607.9; Total Time: 607.9
Shop Order # I11443

- * Performed an Annual Inspection on the airframe and propeller in accordance with the inspection checklist contained in the SR20 Maintenance Manual.
- * Complied with Airworthiness Directive research to current 02/2007 Biweekly issuance.
- * Completed aircraft lubrication and propeller lubrication per manufacturers recommendations.
- * Completed wheel bearing cleaning, inspection, and re-greasing.
- * Completed airframe fuel strainer cleaning.
- * Removed and replaced the fuel cap seals.
- * Inspected the propeller. Dressed each blade to remove minor nicks and abrasions. Painted each blade face with flat black paint. Painted each blade tip matching the previous color.
- * Complied with FAR 91.207 (d) Inspection and operational check of ELT. Removed, inspected and reinstalled the ELT battery(ies). The expiration date is 03/2008.
- * Inspected the aircraft battery, serviced electrolyte using distilled water and charged the battery. Inspected and cleaned battery box. Touched up battery box paint as required. Reinstalled battery and electrical connections. Operationally tested the battery with satisfactory results.
- * Removed and replaced the vacuum regulator and gyro suction filters.
- * Cleaned landing gear for inspection.
- * Removed the induction air filter. Inspected and cleaned the filter housing. Installed new induction air filter element, p/n BA24.
- * Inspected the left main wheel fairing and found a broken nut plate mount. Fabricated and installed a nut plate mount to the gear. Installed the wheel fairing using new hardware.
- * Removed and replaced well nuts for the left and right main landing gear fairing's as required. Installed missing well nuts to the fairing's as required.
- * Complied with AD 06-21-03, SR22 Brake O-ring Caliper Replacement in accordance with the accomplishment instructions and Service Bulletin 2X-32-14 R1, Main Landing Gear Fairing Modification for Inspection Hole. Removed and replaced the brake caliper o-rings, p/n 101-65400. Reinstalled the brake calipers and safetied. Bled the brake and operationally tested with satisfactory results.
- * Retorqued the hardware for the nose gear fairing brackets in accordance with the SR20 Maintenance Manual. Safetied the hardware.
- * Troubleshoot the co-pilot seat slide lock pins and determined that the outboard seat rail is not floating properly on the bushing. Lubricated the seat rail bushing in accordance with the Maintenance Manual. Reinstalled the seat and operationally tested with satisfactory results.

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	DATE COMPLETED
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- * Retorqued the #1 and #2 inboard seat rails hardware in accordance with the SR20 Maintenance Manual.
- * Removed and replaced the turn coordinator batteries, p/n MN1604B2.
- * Lubricated the outboard pilot seat rail bushing in accordance with the Service Manual. Cleaned the area as required. Repositioned seat cushion on seat pan to allow more adjusted bar travel. Reinstalled the seat and operationally tested with no faults noted.

Keyson Airways Corporation FAA CRS KNMR864S PAGE 2 OF 2

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at this Repair Station under the work order listed.

Date: 2.2.07

Work Order # I11443

Tach. or Hobbs Time: 607.9

Aircraft Total Time: 607.9

Signature: [Signature]

Keyson Airways Corporation
FAA Certified Repair Station #KNMR864S

Keyson
Airways Corporation

Excellence in All Things Aviation



Liebfried Aviation, Inc.
(978) 343-6536

557 Crawford St.
Fitchburg, MA 01420

Date: 2-15-08

N#: N7724T

Hrs.:

Tech: Jeff Hill

A&P: 3207556

Sign: [Signature]

Description of Work:

Aircraft

1. Replaced the tach sender 12323-0015

MAINTENANCE RECORD

F A R 43.9

Mass Aviation Services, LLC

Worcester Regional Airport

375 Airport Drive, Worcester, MA 01602

TE NO.

ED TO SERVICE

7-1-08 WO# 4071 Reg. N7724T Hobbs & TT: 792.9

Airframe: Cleaned and packed all wheel bearings. Adjusted tire pressures to manufacturers specifications. Replaced inner wheel pant bracket on right side with new p/n-17205-002. Replaced clip on right upper gear leg fairing with new p/n-12975-101. Complied with **SB 2X-52-04 R2** by installing door strut catcher kit p/n-70151-001. Replaced both rebound bumpers on nose gear with new p/n-14020-001. Replaced all back up batteries with new. Replaced ELT batteries with new p/n-MN1300. **Expires 6-2010.** Replaced vacuum regulator filter with new p/n-B3-5-1. Replaced central air filter with new p/n-1J7-1.

Mennach

AP2648060

Mass Aviation Services, LLC

Worcester Regional Airport

375 Airport Drive, Worcester, MA 01602

7-1-08 WO# 4071 Reg. N7724T Hobbs & TT: 792.9

Airframe: Performed an annual inspection in reference with the Cirrus checklist. Updated the airworthiness directives through Bi-weekly issue 2008-13. Serviced airframe fuel screen. Replaced air filter with new p/n-BA-24. Serviced and charged battery. Replaced CAPS reefing line cutters with new p/n-12020, Lot number TOS08A003-048, **Expires 2-2014.** Complied with **AD 07-14-03** by installing collar kit p/n-70181-002. Complied with **SB 2X-95-09 R1** by inspection of parachute strap. No discrepancies noted. Installed protective sleeve p/n-70142-001. Complied with **AD 08-03-16** by installing kit p/n-70197-001. All work was done in reference with **SB 2X-27-14 R3.** Checked travels and adjusted as needed. Complied with **AD 08-11-18** by inspection and pressure test of heat exchanger. No discrepancies noted. **Next due 892.9.** Tested the ELT per FAR 91.207, pg. D1-D4. Accomplished a performance check in reference with FAR 43.15 para. C2. I certify that this airframe has been inspected in reference with an annual inspection and is determined to be in airworthy condition and approved for return to service.

Br. Cll

AP315893661A

St.
420

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
Liebfried Aviation, Inc.		557 Crawford St. Fitchburg, MA 01420	(978) 343-6536
Date:	5-21-09	N#: N7724T	Hrs.: 814
Tech:	Jeff Hill	A&P: 3207556IA	Sign:
Description of Work:		Aircraft Annual 2009	
1. Total time & Hobbs: 814, SMOH: 814, Prop SMOH: 814. 2. The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted. Battery is next due 4-2010. 3. AD's were reviewed as of revision <u>2009-10</u> and the following apply: 4. AD 08-13-28 Prop is NA by model. 5. AD 93-05-06 ACS switch. Due at 2000hrs. 6. Serviced aircraft as follows: Cleaned main fuel screen. Cleaned the engine, belly and washed the aircraft. 7. Rigged and lubed the baggage door lock. Torqued and secured screw for baggage door lock tab. 8. Replaced safety on the tach generator. 9. Replaced both main tires and tubes with 072-449-0 & 302-246-401 x2 each. Balanced the assemblies. 10. The systems affected were operationally tested with no discrepancies noted. 11. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B. 12. <u>I certify that this Aircraft has been inspected i/a/w an Annual inspection and determined to be in airworthy condition.</u> End.			

6-20-09	858.6	Replaced Bulb	Craig Samborski 3234135
8-22-09	887.4	changed oil Slick Aero 15/50	Craig Samborski 3234135
9-24-09	887.4	Re-seated plug P100 with J100 on fire wall per Cirrus SR-20 AMM.	
		Ross W. Robillard A+P 3353760	
		<i>[Signature]</i>	

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
1.27.10	946.0	Changed oil Aero shell 15/50	Craig Samborski 3234133
02/04/2010	953.2	INSPECTED ELEVATOR SYSTEM FOR GENERAL SECURITY, ELEVATOR SYSTEM CHECKS GOOD. CLEANED AND LUBRICATED YOKE TUBE AND FLIGHT CONTROL SYSTEM ROD END BEARINGS IN CONSOLE. WORK PERFORMED AS PER CIRRUS SR20 AMM CHAPTERS 12-10 AND 27-30.	CASEY J. KOMAREK AP 3043502 <i>Casey Komarek</i>



4535 Airport Approach Rd. Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 5/05/2010; Aircraft: N7724T; Type: SR20; S/N: 1266; Hobbs: 1002.50; Total Time: 1002.50

Shop Order #: 10-7476

Replaced RH MLG tube P/N 302-246-401 and tire P/N 156E61-3 Flight Special II, cleaned and packed wheel bearings IAW CDC AMM 32-10, 32-41 and 12-10.

Replaced NLG pucks P/N 11879-006 with new. Replaced NLG puck bridge with new P/N 12349-002 and attaching hardware. Replaced NLG rebound bumpers with new P/N 14020-001 IAW CDC AMM.

Signature: _____

Steven J. LaMourea
Steven J. LaMourea A&P 2841160

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
05/07/2010	1002.9	REMOVED PROPELLER PHC-J3YF-1RF S/N FP1911B AND INSTALLED SERVICEABLE PROPELLER P/N PHC-J3YF AS PER CIRRUS SR20 AMM CH 41. INSPECTED LANDING GEAR, WING ATTACH POINTS, FLOOR STRUCTURE, NO DISCREPANCIES NOTED. PERFORMED GROUND, OPERATIONAL CHECK OF ENGINE, PARAMETERS GOOD. I FIND THIS AIRCRAFT IS ^{IN A SAFE CONDITION} SAFE FOR FLIGHT UNDER SPECIAL FLIGHT PERMIT DATED 05/07/2010 AND HAVE INSPECTED THIS AIRCRAFT TO THE EXTENT NECESSARY TO FACILITATE FLIGHT.	
			CASEY J. KOMARER
			AP 3043502
			<i>Casey J. Komarer</i>

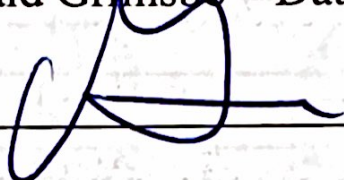
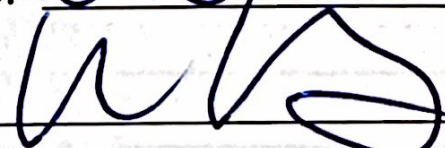
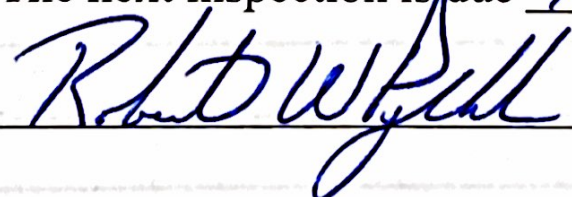
DATE

01 Oct

10/01/0

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
01 Oct 02	4.5	Production Flight Test accomplished in accordance with Cirrus Procedure #90500. Name: Gerald Grimsbo Date: 01 Oct 02 Signature:   Title: Production Flight Test Pilot
10/01/02	4.5 Hrs	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>10 / 01 / 02</u>. The next inspection is due <u>10 / 31 / 03</u>.  Robert W. Pylkka DMIR410075CE

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
		Make: Cirrus Model: SR20 S/N: 1266 Reg # N7724T  T.H. AERO F.B.O. www.th-aero.com 218-830-0470 Date: 11/02/2010 Hobbs: 1003.0 Airframe Entries. Performed Annual Inspection as per Cirrus SR20 AMM chapter 5-10, 5-20 and 5-30. Researched airworthiness directives through ATP content revision 11/1/2010, all airworthiness directives are in compliance at this time. Serviced aircraft gascolator as per Cirrus SR20 AMM chapter 28, leak check good. Inspected, serviced and charged aircraft battery as per Cirrus SR20 AMM chapter 12 and 28. Replaced ELT batteries with new Duacell D P/N MN1300, inspected ELT as per 14 CFR part 91.207(d) 1-4, function check good. Removed and replaced R/H rear nav light lamp P/N 34-04280070-64 as per Cirrus SR20 AMM chapter 33, function check good. Secured passenger cup holders as per Cirrus SR20 AMM chapter 25 and standard maintenance practices. Removed and replaced all brake linings with new, removed and replaced brake caliper o-rings and brake temp indicators with new, bled aircraft brake system, performed brake conditioning procedure, leak and function check good, work performed as per Cirrus SR20 AMM chapter 32. Rotated L/H MLG tire as per Cirrus SR20 AMM chapter 32. Replaced multiple wellnuts for L/H and R/H upper strut fairing attachment as per Cirrus SR20AMM chapter 32. Removed and replaced R/H upper strut fairing clip with new P/N 13641-001as per Cirrus SR20 AMM chapter 32 and standard maintenance practices. Secured jam nut for throttle rod end in console as per standard maintenance practices. Removed and replaced L/H and R/H fuel sending units with new P/Ns 12638-001 and 12638-002 as per Cirrus SR20 AMM chapter 28, leak and operational check good. Complied with Cirrus S.B. 2X-57-06R1 by the installation of kit P/N 16738-101, function and travel check of flap system good. Secured R/H belly heat shield as per Cirrus AMM chapter 53. Secured L/H wingroot fairing as per Cirrus SR20 AMM chapter 53. Repositioned R/H door interior door handle retaining pin as per Cirrus SR20 AMM chapter 52. Secured loose jam nut on R/H door push-pull rod as per Cirrus SR20 AMM chapter 52 and standard maintenance practices. Removed and replaced instrument air filter with new P/N D9-18-1 as per Cirrus SR20 AMM chapter 37, function check of vacuum system good. Removed and replaced garter filter with new P/N ARB3-5-1 as per Cirrus SR20 AMM chapter 37, function check of vacuumsystem good. Removed and replaced turn coordinator emergency 9V batteries with new as per Cirrus SR20 AMM chapter 24 and 34, function check good. Continued on Next

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
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Continued from previous

Installed new 0.0 Time Hartzell propeller PHC-J3YF-1RF/F7392-1 S/N FP7513B as per Cirrus SR20 AMM chapter 61. Performed post maintenance ground run-up and systemleak checks, all parameters normal and no leaks found, work performed as per Cirrus SR20 AMM chapter 5-30. I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition.

The airframe, engine, and/or propeller identified herein was inspected and/or repaired in accordance with the current Federal Aviation Regulations and in regards to the work listed above is approved for return to service as per those requirements.

DATE: 11/02/2010

SIGNED

Casey J. Komarek

Casey J. Komarek

CERTIFICATE NUMBER: AP3043502IA

END

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
		Make: Cirrus Model: SR20 S/N: 1266 Reg #: N7724T Airframe Entries: Performed aircraft Annual inspection referencing Cirrus SR20 AMM chapter 5-20, 5-30. Researched Airworthiness Directives through Triton Aviation Data Corp which is updated daily, all Airworthiness Directives are in compliance at this time. Serviced Gascolator bowl and screen as per Cirrus AMM chapter 12 and 28. Serviced aircraft battery as per Cirrus SR20 AMM chapter 12 and 24, function check good. Inspected ELT as per the requirements of FAR 91.207(d)(1-4), check good. Removed and replaced instrument air filter with new P/N AAD9-18-1 as per Cirrus SR20 AMM chapter 37, function check good. Removed and replaced Garter filter with new P/N ARB-3-5-1 as per Cirrus SR20 AMM chapter 37, function check good. Removed and replaced turn coordinator with new Duracell 9V batteries, re-soldered broken wire to terminal on backup Battery mounting tray, function check good. Removed and replaced clock battery with new Duracell AA as per Standard maintenance practices and Cirrus SR20 AMM chapter 5. Removed and replaced ELT remote switch battery with new P/N 28L as per Cirrus SR20 AMM chapter 25, function check good. Complied with Cirrus SB2X-27-16R1 by the installation of Kit P/N 70255-002 as per SB2X-27-16R1 instructions. Complied with Cirrus Design Mandatory S.B. 2X-32-08R1 Brake Line inspection and Anti-chafe spacer Installation, no chafing found on Brake lines. No further action required, mid landing fairing has hinge pin style and has no brackets or clips. Complied with Cirrus SB 2X-32-18R4 Nose Landing Gear Upper Gusset Plate and Attach Point arms inspection as per S.B. 2X-32-18R4 instructions. Complied with Cirrus SB 2X-78-07R1 Heat Exchanger Inspection, no discrepancies noted, next due 100 Hours time in service. Installed missing screws in R/H MLG mushroom fairing as per Cirrus SR20 IPC chapter 32. Removed and replaced L/H MLG tire and tube with new P/N 072-449-0 and 302246401 as per Cirrus SR20 AMM chapter 32. Removed and replaced NLG tire and tube with new P/N 505C61-8 and 302013400 as per Cirrus SR20 AMM chapter 32. Re-secured Hobbs meter as per Cirrus SR20 AMM chapter 31. Swung aircraft compass using garmin 430 for reference, darkened in compass card readings as they did not change from original. Tightened elevator pitch trim cartridge rod end bolt as per standard maintenance practices. Installed L/H and R/H door handle roll pins correctly and safetied as per Cirrus SR20 AMM chapter 52. Installed L/H and R/H door inner handle mechanism roll pins as per Cirrus SR20 AMM chapter 52. Removed and replaced crankcase breather hose aft of baffle as per Cirrus IPC chapter 71. Removed and replaced vaccum system hoses firewall forward with new as per Cirrus SR20 AMM chapter 37, function check good. Installed Rosen Sunvisors in pilot and co-pilot position as per STC SA01285SE, reference FAA Form 337 dated 12/06/2011. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition. The airframe, engine, propeller identified herein was inspected and/or repaired in accordance with the current Federal Aviation Regulations and in regards to the work listed herein is approved for return to service as per those requirements. AIRCRAFT MAINTENANCE FLIGHT TRAINING ADVISORY T.H.AERO (FBO) www.th-aero.com 218-830-0470 FAA DESIGNEE SERVICES Date: 12/06/2011 Hobbs: 1087.7 Flight: N/A
		DATE: 12/06/2011 SIGNATURE: Casey J. Komarek CERTIFICATE NUMBER: AP3043502IA

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

MAKE: Cirrus
MODEL: SR20
S/N: 20-1266
REG. NO: 7724T
WORK ORDER:
14889-08-2012

Cirrus Design Factory Service Center

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

DATE: 9/6/2012
A/C TSN: 1155.7
HOBBS: 1155.7

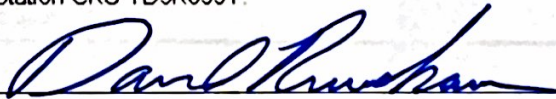
Airframe Entries

(2) Removed & replaced CAPS Parachute Assembly P/N 12582-101S. S/N removed 00269, S/N installed 00197. Removed and replaced BRS rocket assembly p/n 26601-001, S/N removed 0602, S/N installed 0951. Removed and replaced CAPS Reefing line cutters p/n 26707-001 s/n's on 3355 and 3358, all work done IAW CAPS Component Maintenance Manual section 95-01. See 8130-3 dated 8-22-12 and Life Limited Parts label affixed to page 5 of airframe logbook for additional details.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 9/6/2012

SIGNED:



Work Order: 14889-08-2012

Dave Ruuskanen
Certified Repair Station No. YD5R855Y

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INSPECTION RECORD

F.A.R. 43.11-91.409

[illegible]

F.A.R. 43.11-91.409

CERTIFICATE NUMBER: AP3043502IA

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

KIND OF INSPECTION - STATUS & DISCREPANCY LIST		
DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-20-13	1172.0	Stand-by vacuum pump wouldn't shut off. Checked pressure switches, replaced faulty relay with a new relay (PIN: 50288-001). Run up & ops check OK. work done Per Cirrus AMM James Imby ACP 2751126JA
9-19-13	1186.5	Replaced both flap relays with new relays (PIN: 50288-001). Replaced intermittently faulty master contactor with a new contactor (PIN: X61-00X). work done per Cirrus AMM. Run up & ops check OK. James Imby ACP 2751176JA

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
12-1-13	1205.1	Performed Annual inspection per Cirrus AIM 5-20 & 5-30. Researched A.D.S thru B-weekly 2013-24th Complied with A.D 2008-11-18 by complying with SB 2X-78-07R1. Next inspection due: 1305.1 hours updated S.B. list thru 12-1-13 Complied with SB 2X-32-18R4 by visual inspection of nose gear webb. No cracks noted. Next insp due: 1305.1 Checked lights, installed new dome light Packed all wheel bearings. Inspected brakes. Serviced brake system. Repaired broken brackett on RW upper gear leg fairing. Checked ELT per FAR 91.207 (d)(1-4) battery replacement due: 3-2017. Checked controls and lubed. Run up and ops check OK. I certify this aircraft has been inspected I.A.W. an Annual inspection and was determined to be in airworthy condition. James Embury A9P 27511761A

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

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6 11-18-14	Hobbs 1289.1	Installed a new Flight Special tire & a new tube on left main gear. Leak & ops check ok James Imley POP 2751176
5-29-14	Hobbs 1237.2	Removed MFD SIN 1540 because screen doesn't illuminate. Sent to Avidyne for repair. The Avidyne warrenty for N7724T is valid thru 8-10-15. Installed leaner MFD SIN 2063. Per SR20 PMM ops check good James Imley POP 2751176
12-24-14	Hobbs 1294.3	Performed Annual insp. per SR20 PMM 5-2005-30. Researched A.D.s thru Bi-weekly 2014-25. Complied with A.D. 2008-11-18 by Complying with SB2X-28-07R, Next insp due: 1394.3 hrs Complied with SB2X-32-18R4 by visual insp of Nose gear webb. No cracks noted. Next insp due: 1394.3 hrs Updated S.B list thru 12-24-14

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
→		Packed all wheel bearings. Reversed R.H. main tire and installed a new inner tube. Replaced R.H. brake pads. Checked all lights. Serviced brake system. Checked ELT. Per FAR 43.207 (d)(1-4), battery due: 3-17. Replaced clock battery dated 12-2024. Replaced all 3 T.C. emergency 9 volt batteries dated 12-2019. ops check good. Replaced vacuum relief foam filter. Checked bushings and 3/4 bolts connecting elevator torque tube to control sticks. Checked & serviced A.C. battery. Labeled all controls, hinges, & bellcranks. I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. <i>James Imberg</i> A&P 2751176IA
MONACO AIR 2101 121-2911 Cirrus Authorized Service Center Cessna Authorized Service Facility Date: 6/05/2015; Aircraft: N7724T; Type: SR20; S/N: 1266; Hobbs: 1347.50; Total Time: 1347.50 Shop Order #: 15-9163 Removed inop AA215CC vacuum pump S/N: N14465. Installed an exchange 215CC Overhauled vacuum pump S/N: 088R06 Tempest 8130-3 dated 27/Jan/2015 Tracking # AA 1088R-0000. Ops check ok.		
Signature: <i>James Imberg</i> James Imberg A&P 2751176		

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE



4535 Airport Approach Rd. Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

ICE

Date: 12/10/2015; Aircraft: N7724T; Type: SR20; S/N: 1266; Hobbs: 1400.00; Total Time: 1400.00
Shop Order #: 15-9327

Performed Annual inspection on aircraft IAW CDC AMM 5-20 and 5-30.

Researched ADs and MSBs thru current Bi-Weekly 2015-24.

Updated A.D. and S.B. list in aircraft records.

Complied with A.D. 2008-11-18 by inspection of muffler per SB2X-78-07R1. No leaks noted. Next inspection due: 1500.0 Hours.

Complied with the following M.S.B.'s:

SB2X-32-18R4 by visual inspection of upper webb of NLG. No cracks noted. Next inspection due: 12/31/2016.

SB2X-28-12R1 by ops checking electric fuel pump and installing Temporary change TPOH 15-26 into AFM.

SB2X-95-20 is due at the next CAPS replacement.

SB2X-71-

10R2 by installation of extra support (P/N: 27061-001) on oil breather line.

Cleaned and lubricated airframe components, as required, IAW CDC AMM 12-20.

Inspected tires and brakes IAW CDC AMM 5-20. Serviced tires to proper air pressure. Serviced brake reservoir.

Replaced battery in ELT remote

switch. Next battery replacement due: March 2022. Tested ELT IAW FAR 91.207, tested good. Battery due March 2017. Replaced two broken cup holders. Replaced burnt out landing light with a new 4596 lamp. Replaced both broken landing light vibration mounts. Replaced cracked landing light lens. Ops check of landing light and all other lights ok.

Replaced foam vacuum relief filter (ARB3-5-1), and central instrument air filter (AAD9-18-1). Lubed all controls, hinges, pulleys, and rod ends. Checked and lubed both doors. Checked and charged aircraft battery.

Removed left heat shield. Cleaned all tape adhesive and oil from heat shield and belly of aircraft. Reinstalled heat shield with new tape and rivets. Edge sealed heat shield.

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

Signature:

James Imberg A&P 2751176 IA

DATE

AI

Date: 6/07/2016, Aircraft: N7724T, Type: SR20, S/N: 1266, Hobbs: 1446.90, Total Time: 1446.90
Shop Order #: 16-9478

Complied with SB2X-52-08R2 by installing new style end fittings on both door hold open struts and installing new style door strut catchers for both cabin doors. (Kit P/N 70543-001). Lubed both door mechanisms and hinges. Replaced bent door hold open strut on R/H cabin door. Ops check of both doors ok. Inspected L/H brake pads, ok at this time. No leaks noted at brake unit. Installed a new L/H brake temp sticker. Serviced all tires to proper air pressure. Replaced missing valve stem access cover on R/H main fairing. Lubed throttle and prop governor cable ends.

Signature

James Imbarr
James Imbarr A&P 2751176 IA

Date: 12/16/2016, Aircraft: N7724T, Type: SR20, S/N: 1266, Hobbs: 1466.20, Total Time: 1466.20
Shop Order #: 16-9650

Performed Annual inspection on Aircraft IAW CDC AMM 5-20 and 5-30.

Researched ADs and MSBs thru current Bi-Weekly 2016-25-12. Complied with SB2X-32-18R4 NLG inspection by inspection NLG IAW SB instructions. No discrepancies noted. Next inspection due at 1566.2 Hrs.

Complied with AD 2008-11-18: Heat exchanger, by performing repetitive inspection IAW SB2X-78-07R1. Cracks were noted. Installed a new right hand muffler (P/N 11884-003). Next inspection due at 1566.2 Hrs. See complete A.D. and S.B. list in aircraft records.

Installed a new Rudder / Aileron interconnect bungee IAW SR20 AMM 27-20. Ops check of aileron and rudder system ok. Next bungee replacement due: Dec. 2021.

Cleaned and lubricated airframe components, as required, IAW CDC AMM 12-20.

Inspected tires and brakes IAW CDC AMM 5-20. Installed a new Right Main tire and tube. Installed new brake pads on the left main. Checked brake reservoir.

Cleaned and packed all wheel bearings IAW CDC AMM 32-41.

Installed new ELT Batteries (MN1300 D-Cell). Tested ELT IAW FAR 91.207, tested good. Next Battery replacement due Dec. 2025.

Checked operation of all lights. Cleaned and checked aircraft battery. Checked and lubed flight controls. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an

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
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4535 Airport Approach Rd. Duluth MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 3/16/2018; Aircraft: N7724T; Type: SR20; S/N: 1266; Hobbs: 1526.30; Total Time: 1526.30
Shop Order #: 18-10092

Performed Annual inspection on aircraft IAW CDC AMM 5-20 and 5-30.

Researched ADs and MSBs thru current Bi-Weekly 2018-05.

Complied with SB2X-95-22R1 by replacing contaminated CAPS aft rocket grain with a new grain I.A.W. SB2X-95-22R1.

Complied with SB2X-32-18R4. NLG inspection, by inspection NLG IAW SB instructions. No discrepancies noted. Next due at 1626.3 Hrs.

Complied with AD 2008-11-18 Heat exchanger. by performing repetitive inspection IAW SB2X-78-07R1 No defects noted. Next due at 1626.3 Hrs.

See complete A.D. and S.B. list in aircraft records.

Cleaned and lubricated airframe components, as required. IAW CDC AMM 12-20.

Inspected tires and brakes IAW CDC AMM 5-20. Serviced tires to proper air pressure. Serviced brake reservoir.

Installed a new vacuum relief foam filter.

Tested ELT IAW FAR 91.207, tested good. Battery due Dec. 2025.

Troubleshoot inop pitch trim "UP" I.A.W. SR20 Wiring Manual 27-30-01. Replaced both pitch trim relays. (P637 & P636), disconnected plug P&J634, cleaned and reconnected. Ops check of pitch trim full travel in both directions ok.

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

James J. Smith
A9P2751/DGIA

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



4535 Airport Approach Rd Duluth MN 55811
(218) 727-2911
Cirrus Authorized Service Center

Date: 4/02/2019; Aircraft: N7724T; Type: SR20; S/N: 1266; Hobbs: 1559.70; Total Time: 1559.70

Shop Order #: 19-10399

Replaced CAPS reefing lines cutters with new Cirrus kit # 25347-002. Cutter S/Ns: 14904 & 14909. MFG.

Dated: 02/19 IAW CDC CAPS Component MM. Next replacement due Feb/2025.

Signature:


Rick Hagberg A&P 3268908

Date: 04/03/2019 Aircraft: N7724T Type: SR20 SN#: 1266 Tach: 1559.7

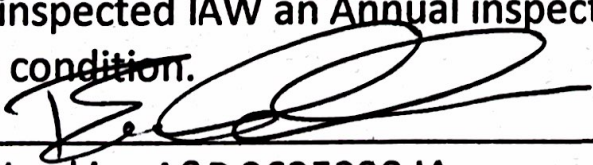
TTAF: 1559.7 Performed Annual inspection IAW CDC AMM 5-20 & 5-30 & FAR Appendix D. Replaced inst filter RAB3-5-1. Researched AD's & SB's thru 2019-06.

CW AD 2008-11-18 Heat Exchanger IAW **SB2X-78-07R1** No defects noted next due: 1659.7.

CW **SB2x-32-18R4** NLG inspection No defects noted next due: 1659.7

Tested ELT IAW FAR 91.207(D) I certify that this Aircraft has been inspected IAW an Annual inspection and determined to be in airworthy condition.

Signature


Brennan Hawkins A&P 3635390 IA

MAKE: CIRRUS DESIGN CORP
MODEL: SR20
S/N: 1266
REG. NO: N7724T
WORK ORDER: DLH19678-12-2019



CIRRUS
AIRCRAFT

Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone: 218-788-3049

DATE: 12/26/2019
A/C TSN: 1595 3
FLIGHTTIME: 1595 3

DATE

Airframe Entries

(4) Removed old Garmin GTX-327 p/n- 011-00490-00 s/n- 83710762 and installed new Garmin GTX-345 p/n- 010-01216-41 s/n- 3EG422876 IAW Garmin GTX-3X5 TSO Manual 190-01499-02, STC A00009CH and STC SA01714WI. Garmin GA-36 GPS Antenna p/n- 013-00244-00 s/n- 21812 installed per Garmin GA-36 Antenna Installation Instructions 190-00848-00, Aero Antenna Installation Dwg. No. AT575-126G, and STC Antenna Installation Manual 190-00569-00. ADS-B operational check out good per 14 CFR 91.227 requirements using AeroFlex IFR-6000 s/n- 1000684849.

(5) Performed 24 Month IFR Certification of the Altimeter and Transponder systems required by FARs 91.411, 91.413, and 91.217 IAW FAR 43 appendices E & F and AC 43-6D up to 20,000 feet. Recorded Altimeter and Transponder information on Page 27 of airframe logbook 01. Next Altimeter and Transponder certification due 12/31/2021 or when otherwise required.

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 this work order are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 12/26/2019

SIGNED:


Brendon Butkiewicz
Certified Repair Station No. YD5R855Y

Work Order: DLH19678-12-2019

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INSPECTION RECORD

MAKE: CIRRUS DESIGN CORP
 MODEL: SR20
 S/N: 1266
 REG. NO: N7724T
 WORK ORDER: DLH19408-05-2019

Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
 4961 Airport Road
 Duluth, MN 55811
 Phone: 218-788-3049

DATE: 6/12/2019
 A/C TSN: 1561.3
 FLIGHTTIME: 1561.3

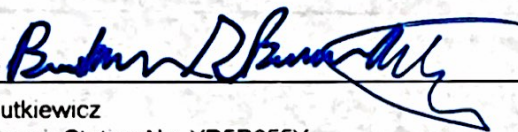
Airframe Entries

- (2) Performed NDI Insp. IAW UT-SR-SLEP-001. Insp. performed as an engineering support function and all defects per AMM chapter 51 noted and approved by engineering per FRA00013313.
- (3) Removed and re-installed original exterior access panels and MLG panels for engineering NDI inspection. All work done IAW AMM 57-30.
- (4) Removed and re-installed original LH/RH sidewall air duct trim, LH/RH rear side trim, seats and carpet for engineering NDI inspection. All work done IAW AMM 25-10.
- (5) Removed and re-installed original LH/ RH fuel collectors P/N: 10018-002 for engineering NDI inspection. Pressure leak check satisfactory. All work done IAW SR20-AMM 28-10.

I have reviewed the file on this Aircraft and the requested workscope, and found that the work has been performed in accordance with Industry Standards, Approved Maintenance Manuals, and Technical Data. Pertinent details of the work performed are on file at this FAA Certified Repair Station CRS YD5R855Y

DATE: 6/12/2019

SIGNED:



Brendon Butkiewicz
 Certified Repair Station No. YD5R855Y

Work Order: DLH19408-05-2019

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INSPECTION RECORD

F.A.R. 43.11-91.409

[illegible]

NORTHPOINT

16278 Airport Road
Brainerd, MN 56401
(218) 829-3398

INSPECTION RECORD

DATE: 12-31-2020

1602.4

1602.4

Date: 12/31/2020; Aircraft: N7724T; Type: Fixed Wing; S/N: 20-1266; Hobbs: 1561.30 Total Time: 1561.30

Shop Order #: SO-20-1446

1. Replaced existing Garmin GNS-430 with serviceable Garmin GNS-430 PN 011-00280-10 (S/N 97132635). Performed setup and calibration for A/C. Ramp checked system. Final tests checked good.
2. Installed velcro strips onto CAPS Handle placard cover and installed in position over CAPS handle.
3. Replaced Fire Extinguisher P/N RT-A600 with P/N A344T. Weight check satisfactory.
4. Removed loose armrests. Prepped surfaces, applied 1300L adhesive to door panel and armrest and reattached items.
5. Removed flap arm bolts. Inspected and found washers not thick enough so bolt and nut not secured correctly. Installed correct hardware. Security check good. Movement now within limitations.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this facility under the shop order above.

Technician's Name William Smith Signature William Smith
NorthPoint Aviation C.R.S. 6DVR982C

MONACO AIR

4535 Airport Approach Rd. Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center

Date: 1/12/2021; Aircraft: N7724T; Type: SR20; S/N: 1266; Hobbs: 1608.10; Total Time: 1608.10

Shop Order #: 21-11006

Engine instruments reading erratic.

Removed wire connections on the manifold, oil pressure, EGT, firewall plug P100, cleaned with Stabelent 22.

Reinstalled and safety wired as needed. Run up indicated all engine instruments are working in normal range.

Flaps relays Replaced flaps relays one for down and one for up

50288-001 OPs check good.

Return to service

Signature: Rick Hagberg

Rick Hagberg A&P/3268908

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
2/2/2021	40835 1619.9	UPDATE Garmin 430 GNS NAV DATABASE - Jeppesen USA Jan 28, 2021 update Kent Ponder Private Pilot Certif # 4249209 Unit of Self-Test OK

Date: 3-4-2021

Black Bart Aviation

FHM: 1620.4

5030 Bellflower Circle

ATT: 1620.4

Farmington, NM 87401

N7724T Airframe

Removed and re-installed attitude indicator after overhaul. Replaced 4 instrument air hoses, operational checks good. This aircraft is airworthy at this time. Limited to work performed.

Bart A. Sisson

Bart A. Sisson

A&P 3168996

3-4-21	1620.4	REPLACED BOTH INSTRUMENT AIR FILTERS P/N 4-18-1 AND B3-5-1. OPERATIONAL CHECKS GOOD. <i>Bart A. Sisson</i> A&P 3168996
3/16/21	1621.1	UPDATE GARMIN 430 GNS DATABASE: Jeppesen USA MAR 25, 2021 update Kent Ponder Private Pilot Certif 4249209 Unit Self Test OK

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
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3/19/21 1628.1

BODE AVIATION INC. 2502 Clark Carr Loop SE Albuquerque, NM 87106



N 7724T MODEL: Cirrus SR20 S/N: 1266
DATE: 03/19/2021 H.M. 1628.1

CRS #J7BR555Y

1. Removed and replaced R/H nav light bulb with new PN: WLA7512-24 IAW Cirrus SR20 AMM Ch 33-40. Operational checked good.

I certify this airframe is airworthy for return to service with regard to the work performed.

Name: Abraham Garcia

W/O# ABQC4385

4/19/21 1637.8 SEE ENGINE LOGS: BODE AVIATION MAINT. INCL: Rt Brake bleeder
5/14/21 1644.7 UPDATE GARMIN NAV DATABASE - Jeppesen USA Jun 12 2021
Horsing assembly.
Kent Randal PC # 4249209 - Unit self test OK

REG #	N7724T	DATE	06/04/2021
MODEL	SR-20	TACH/HM	1651.0
A/C S/N	1266	TTAF	
SMOH		SPOH	

Removed and Repaired Trim Assembly P/N 50743-201 and Reinstalled

Gregg's Flying Service

AP3342407

6/17/21 1651.0 Test FLT Post trim control repair. System functioning properly.
Kent Randal PC 4245209

F.A.R. 43.11-91.409

[illegible]

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

N7724T

✦ SANTA FE

AERO SERVICES

AVIONICS • MAINTENANCE • SALES
FAA Approved Repair Station PUVR537X

Airframe Log

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 11-18-21	Make: Cirrus	Model: SR20	S/N: 1266
Tach: N/A	Hobbs: 1676.1	TTAF: 1676.1	

The altimeter test and inspections required by FAR 91.411 have been performed and found to comply with FAR 43 Appd. E (b). The aircraft static system has been tested as required by FAR 91.411 and found to comply with FAR 43 Appd. E(a).

(Altimeter S/N) 428224

(Date) 11-18-21

(Tested To) 20,000 Ft.

The transponder test and inspections required by FAR 91.413 have been performed and found to comply with FAR 43 Appd. F. The integrated system was tested as required by FAR 91.413 and FAR 91.217 and found to comply with FAR 43 Appd. E (c).

(Transponder M/N) GTX345

(S/N) 3EG422876

(Date) 11-18-21

The installed ADS-B Out system has been shown to meet the equipment requirements of 14 CFR § 91.227.

(ADS-B Transmitter M/N) GTX345

(ADS-B Position Source M/N) Internal

Brandon Maestas for PUVR537X



Work accomplished at Santa Fe Aero Services, LLC. Reference work order #AV-21-0190

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

N7724T

✦ SANTA FE

AERO SERVICES

AVIONICS • MAINTENANCE • SALES
FAA Approved Repair Station PUVR537X

Airframe Log

Nov 2021
Annual

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 11/22/2021	Make: CIRRUS	Model: SR-20	S/N: 1266
Hobbs: 1675.6		TTAF: 1675.6	

C/W AN ANNUAL INSPECTION IAW CIRRUS AMM 05-20, SCHEDULED INSP. REPORT AND CIRRUS AMM 05-10, RESEARCHED AD'S THROUGH 11/22/2021.

C/W AD 2008-11-18, BY PRESSURE AND VISUAL INSPECTIONS OF EXHAUST SYSTEMS. C/W FAR 91.207, ELT INSP. NO DEFECTS NOTED. BATT DUE:12/2025. C/W SB 2X-32-18R4, NOSE WELDMENT INSPECTION. NO CRACKS FOUND. NEXT DUE IN 100 HRS. INSTALLED NEW NOSE FORK BEARINGS AND THRUST WASHERS AS REQUIRED. ADJUSTED NOSE WHEEL TENSION PER AMM. OPS CHECKS GOOD. INSTALLED NEW MAIN TIRES PN: 156E66B1, INSTALLED NEW BRAKE DISCS AND BRAKE LININGS AS REQUIRED. TORQUED, SAFETIED AND BALANCED AS REQUIRED.

CHARGED, SERVICED, AND CAP CHECKED MAIN BATTERY PASSED AT 99%.

INSTALLED NEW INDUCTION FILTER, P/N BA-24 AS REQUIRED AND NEW INSTRUMENT AIR FILTERS AS REQUIRED.

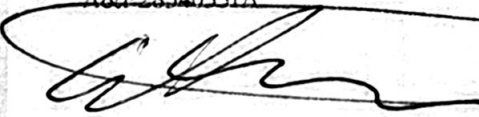
INSTALLED NEW BUNGEE CORD, P/N 12983-001 AS REQUIRED. PERFORMED RIGGING OF CONTROL SURFACES AS REQUIRED. OPS CHECKS GOOD.

-----CONTINUED-----

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-21-0416

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
Nov 2021	Annual	N7724T ✦ SANTA FE AERO SERVICES AVIONICS • MAINTENANCE • SALES FAA Approved Repair Station PUVR537X 109 Aviation Drive • Hangar 1 • Santa Fe NM 87507 AIRFRAME LOG RESEALED R/H MLG BRAKE CALIPER USING NEW SEALS AS REQUIRED, BLED HYD SYSTEM AND OPS AND LEAK CHECKS GOOD. REPLACED STANDBY GYRO BATTERIES(3) WITH NEW BATTERIES, DUE 12/2029. INSTALLED NEW L/H MLG WHEEL PANT BRACKET, P/N 17205-001 AS REQUIRED. GROUND RAN AIRCRAFT, OPERATIONAL AND LEAK CHECKS SATISFACTORY. This Aircraft has been inspected IAW an Annual Inspection and has been determined to be in airworthy condition and is approved for return to service. Arturo Torres A&P2834035IA  (2/2) Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-21-0416

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
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May 31, 2022 HOBBS: 1698.2
N7724T Cirrus SR-20 S/N: 1266
AIRFRAME



Replaced left main inner tube 097-500-0 and tire 0725-449-0. This aircraft is approved for return to service with respect to the above work performed.

STUART MILES A&P 585393595

WO # 9560

September 16, 2022 Hobbs: 1714.1
N7724T Cirrus SR20 S/N: 1266
AIRFRAME



- Removed induction duct and replaced with new P/N 1238434.
- Removed previous exhaust grounding straps and support springs. Installed new grounding straps and springs kit P/N AR9075-101.
- Removed previous suspension pucks. Installed 5 new pucks P/N 11879-006.

This airframe is approved for return to service with respect to the above work performed.

Maria Vianco A&P#4522241

WO: 9650

INSPECTION RECORD

F A D 12 11 01 100

DATE

Bode Aviation, Inc. 2502 Clark Carr Loop SE Albuquerque, NM 87106



N7724T Model: Cirrus SR20 S/N: 1266

November 11, 2022 Hobbs: 1724.5

Airframe

CRS#J7BR555Y

1. Removed the Garmin 250 XL PN: 011-00295-00 SN: 83106813, removed the 7 ½ amp circuit breaker in the "Comm 2" position for the 250 XL and removed its GPS antenna PN: 011-00134 SN: 59073791. Installed the Garmin GNC 355 PN: 010-02232-02 SN: 5YR006333 in the location of the previously removed 250XL, Installed two 5 amp circuit breakers PN: 7277-2-5 in the "Comm 2" and "GPS 2" positions, and installed the Garmin GA35 WAAS GPS antenna PN: 013-00235-00 SN: 218162 in the location of the previously removed GPS antenna. Installed the MD41-24P relay unit PN: MD41-24(28) SN: D22-12760, 2 amp circuit breaker PN: 7277-2-2 labeled "CDI Relay" for the relay unit and a Switch PN: 112-63 in the pilots instrument panel to control the relay unit. The relay unit is interfaced between the GNS 430 and the GNC 355 to display GPS/VLOC course deviation on the single CDI Indicator depending on position of the switch, the switch is labeled. Operational checks were performed on all above equipment installed and all of the systems check good. All work was done IAW GNC 355 Part 23 AML STC Installation Manual 190-02207-01, Rev.4, Dated December 1, 2021. The relay unit work/ operational check was done IAW Install and Operations Manual MD41-24P() Relay Unit Manual #7019129, Rev. C, dated October 12, 2020. The installation was done under STC# SA02636SE.
2. Removed the GNS 430 PN: 011-00280-10 SN: 97132635 per customer request and installed customer supplied GNS 430 PN: 011-00280-10 SN: 97110830. All configurations were transferred and an operational check of the system was performed and the system checks good. All work was done IAW GNS 430 Installation Manual 190-00140-02, Rev. T, Dated May 1, 2010.

I certify that this airframe is airworthy for return to service with regard to the above work performed.

Isaiah Saavedra

PD-LBEI-1 Rev. 1 01/20/2020

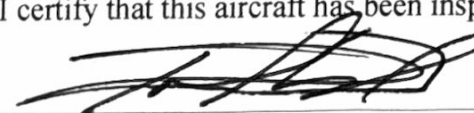
WO# A2825

INSPECTION RECORD

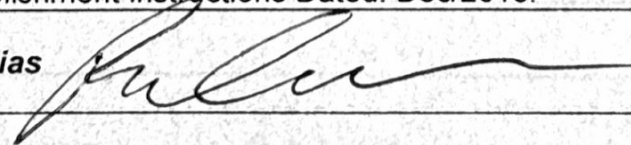
F.A.R. 43.11-91.409

REG #	N7724T	DATE	12/02/2022
MODEL	SR20	TACH/HM	1728.1
S/N	1266	TTAF	1728.1
TTE	1728.1	TTP	725.0

Completed an **Annual Inspection** IAW 14CFR43 Apdx D. Inspected and lubed control surface hinges, pulleys, & rod ends. Cleaned, inspected, and packed wheel bearings. Replaced induction air filter, ELT Remote battery (due 03/2030), brake caliper o-rings and bled brakes. Cleaned fuel gasculator and screen. Inspected/tested ELT IAW 14CFR91.207(d). ELT batteries due by 12/2025 and remote battery due by 03/2030. AD 2008-11-18 EFF 07/07/08 Engine Exhaust by visual inspection and pressure check. Due again 1828.1 TTAF. AD 93-05-06 EFF 04/29/93 ignition switch **due by 2000.0 TTAF**. Verified ADs through T-Data 2022-24. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.



AP 2676212 IA

	Glendale Aero Services	Registration: N7724T		AIRFRAME LOG
	6841 N. Glen Harbor Blvd	Date: 4/10/2023	W/O: 80001337	
	Glendale, AZ 85307	Model: SR20	Hobbs: 1754.1	
	623-414-4935	S/N: 1266		
Complied with 10-year CAPS system overhaul using kits p/n - 70274-001 and 70269-001 by removing existing rocket motor p/n - 25363-001 s/n - 0951 MFG - 08/14/2012 Exp - 08/14/2022, existing rocket base/igniter p/n - 26602-001 s/n - 0951 MFG - 08/14/2014 Exp - 08/14/2022 and existing parachute assembly p/n - 12582-101S s/n - 00197 repack - 08/2022. Modified upper, lower and LH side of CAPS compartment to fit new rocket/parachute assemblies. Installed new parachute assembly p/n - 25337-006 s/n - 0032 packed - 11/01/2022 Exp - 11/01/2032. Assembled new rocket motor p/n - 29554-003 s/n - 5193 MFG - 12/08/2022 Exp - 12/08/2032 to rocket base p/n 29500-005 s/n - 5193 MFG - 12/08/2022 Exp - 12/08/2032 with rocket shield, rocket shelf, igniter p/n - TRM-350-018 s/n - 0422-10408. MX performed IAW Cirrus SB 2x-95-20R1 revised 14/April/2016 and CAPS Component Manual 95-01-01 dated 18/May/2021. CAPS parachute replacement next due 11/2032 and rocket motor replacement next due 12/2032. Complied with Cirrus SB2X-95-24R2 by installing Cirrus CAPS Rocket Shelf Ground Wire P/N 70572-001. MX performed IAW Cirrus SB 2X-95-24R2 accomplishment instructions Dated. Dec/2018.				
SIGNATURE: <i>Richard Macias</i> 			FAA AUTHORIZATION: 4405965 A&P	

DATE

8/31/

May 31,
N7724T
AIRFRAME

Inspected
performed

Maria Via

Nov
N772
AIRFRAME

This a

Maria

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
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8/31/2023	Cirrus SR20 S/N 1266	Install Concord Sealed Battery
	Kurt Bindexter	Hobbs: 1789.3 P/R 24-11M S/N 41325028
	PA SEL 4248209	Confirm 25.5+ volts. Secure per installation instructions.
	<i>Kurt Bindexter</i>	

May 31, 2023 Hobbs: 1767.8
N7724T Cirrus SR20 S/N: 1266
AIRFRAME



Inspected brakes. No defects noted. This airframe is approved for return to service with respect to the above work performed.

Maria Vianco A&P#4522241

Maria Vianco

WO: 9847

November 20, 2023 Hobbs: 1809.4
N7724T Cirrus SR20 S/N: 1266
AIRFRAME



- Replaced landing light bulb with new P/N 4596. Ops check good
- CW SAIB CE-09-46 nose landing gear attach plate inspection by visual inspection - no defects noted.

This airframe is approved for return to service with respect to the above work performed.

Maria Vianco A&P#4522241

Maria Vianco

WO: 9999

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
Manufacture	CIRRUS	Model SR-20 S/N # 1266 Reg. Number N7724T Date November 27, 2023
	Acft Time	Heater Hobbs Acft Hobbs 1809.40

LOG BOOK ENTRY

REMOVED S-TEC SYSTEM 30 CONTROLLER PN 01260-4-8-28 SN 3317D. REMOVED AND REPLACED BROKEN COUPLING PN 61227 IAW S-TEC SERVICE BULLETIN SB-08-007. RE-INSTALLED IN AIRCRAFT. OPS CHECK GOOD ON GROUND.

NAME: **David Espinosa**

DATE: November 27, 2023

Signature: 

CRS Number

OECR 893K

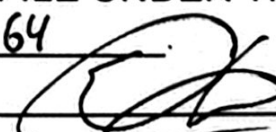
I CERTIFY THAT THE ALTIMETER & STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO 20,000 FEET ON DATE 11-27-2023

SIGNATURE D. Espinosa 

FAA CRS OECR 893K

Ac Hobbs 1809.40

ATC TRANSPONDER TESTS REQUIRED BY FAR 91.413 WERE PERFORMED AND COMPLY WITH F 43, APP.F, ON MODEL GTx345 S/N 3EG422876 CORRESPONDENCE CHECK 91.217 N 7724T. DETAILS ON THIS INSPECTION ON FILE UNDER THIS REPAIR STAT ON W/O 9664

D. Espinosa 

SIGNATURE

11-27-2023

DATE

FAA CRS OECR 893K

REG #	N7724T	DATE	01/07/2024
MODEL	SR20	TACH/HM	1819.0
S/N	1266	TTAF	1819.0
TTE	1819.0	TTP	819.9



Completed an Annual Inspection IAW 14CFR43 Apdx D. Inspected and lubed control surface hinges, pulleys, & rod ends. Cleaned, inspected, and packed wheel bearings. Replaced nose tire. Replaced induction air filter. Replaced brake caliper o-rings and bled brakes. Replaced both nose gear return bumpers (P/N 14020-001). Cleaned fuel gasculator and screen. Inspected/tested ELT IAW 14CFR91.207(d). ELT batteries due by 12/2025 and remote battery due by 03/2030. Inspected Nose Gear per SAIB CE-09-46 Nose Landing Gear Mount Inspection. No cracks found. AD 2008-11-18 EFF 07/07/08 Engine Exhaust by visual inspection and pressure check. Due again 1919.0 TTAF. AD 93-05-06 EFF 04/29/93 ignition switch due by 2000.0 TTAF. Verified ADs through T-Data 2023-26. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

AP 2676212 IA

Bode Aviation, Inc 2502 Clark Carr Loop SE Albuquerque, NM 87106



N7724T
03/28/2024
Airframe

Model: Cirrus SR20
Hobbs: 1831.7

S/N: 1266

CRS# J7BR555Y

1. Performed initial prop balance, 0.28 IPS achieved. Balanced prop to 0.03 IPS. Work done IAW Hartzell man. #115N rev. 27 date MAR24 ch. 61-00-15 pg. 6-38 – 6-42 rev. 26 date AUG23.

I certify that this airframe is airworthy for return to service with regard to the above work performed
Name: Robert Mouck WO#ABQC-6083
PD-LBEI- Rev. 1 10/20/2020

DATE

Tech Aero Avionics, LLC 2080 Skylane Denton, TX 76207 CRS# JYJR029Y
 LOG ID# 4519 25-February-2025 WO# 6829/1 HOBBS 1910.3
 N7724T S/N 1266 CIRRUS DESIGN CORP SR20

Pg 1 / 1

**** ITEM # 6829-1 VFR CERT & MISC SQUAWKS ****

DISCREPANCY: VFR CERT, TRAFFIC DOES NOT DISPLAY ON GNC 355, NO AURAL TRAFFIC ALERTS, MISSING USB PIGTAIL AND CONFIG MODULE

ACTION: INSTALLED CONFIGURATIN MODULE AND USB MAINTENANCE PIGTAIL FOR GTX 345. CONNECTED GTX 345 TO GMA 340 AUDIO PANEL TO ALLOW AURAL TRAFFIC ALERTS FROM THE GTX 345. INSTALLED HSDB CABLE BETWEEN GNC 355 AND GTX 345 FOR TRAFFIC AND WEATHER DISPLAY ON GNC 355. REPLACED RG 58 GPS ANTENNA COAX WITH RG 142. ALL WORK ACCOMPLISHED IAW WITH GNC 355 STC INSTALLATION MANUAL 190-02207-A5 REV 6 AND GTX 345 STC INSTALLATION MANUAL 190-00734-10 REV 17.

TESTED GTX 345 TRANSPONDER S/N 3EG422876 IAW FAR 43 APPENDIX F AS REQUIRED BY FAR 91.413.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED IAW CURRENT FAA REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.

Trevor Smith

2-25-25

JYJR029Y TREVOR SMITH

Date

MAKE: Cirrus
 MODEL: SR20
 S/N: 1266
 REG. NO: N7724T



Cirrus McKinney Service Center

Repair Station No. CDCR140E
 1500 Industrial Blvd.
 Hangar #19
 McKinney, TX 75069

W/O #: KTKI4880-04-2025

DATE: 04-07-2025

Flight Time:

Hobbs: 1911.3

Life Limited Parts

- Removed expired pyrotechnic reefing line cutters P/N 26707-001, S/N 14909, and 14904. Installed new S/N 26237 and 26321. DOM 11/2024. Next due 11/2030. Work performed IAW SR20 CAPS CMM 95-01.

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 this work order are on file at this Certified Repair Station CRS# CDCR140E

DATE: 04-07-2025

SIGNED:

Tim O'Reilly
 Tim O'Reilly
 Repair Station No. CDCR140E

WORK ORDER: KTKI4880-04-2025

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