# AIRCRAFT LOG AF5-1



Base Coat Colors:
Tangeine Orange
S05966
Snow White
CMO850102
Primer E2A960
Clear CMO850CCI

Use compatible primer and clear per AMM and SW product data sheets

## **AIRCRAFT DESCRIPTION**

١				1 411					
	MANUFACTURER C	irrus 1	design !	Corp.	MODEL	SR22T_		DATE OF MFG. OCT 201	5
İ	SERIAL NUMBER	1169			REGISTRATION NUMBER	N741KF			
	REGISTERED OWNER							Inspection Status (Check one)	
	STREET ADDRESS							F.A.R. 91.409 ANNUAL/1 00 HOUR	
	CITY, STATE, ZIP	·						,	
	OPERATOR							F.A.R. 91.409 PROGRESSIVE	
	STREET ADDRESS								
	CITY, STATE, ZIP								
	REGISTERED OWNER							F.A.R. 135.419 A.T.C.O.	
	STREET ADDRESS							Property September 1	
								OTHER	
	OPERATOR						DATE EN	NTERED	
								MAINTENANCE RESPONSIBILITY	
	CITY, STATE, ZIP'								
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**INSTALLED EQUIPMENT** 

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors Inc.	TSIOSSOK	R 1031163
ENGINE			R
PROPELLER	Hartzell Propeller Inc.	PHC- J3YIF-IN	NJ1185B
PROPELLER			7.5.702.20
ENGINE			
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### **MAJOR ALTERATIONS**

		WI SON ALIENATIONS
_	DATE	DESCRIPTION OF ALTERATION
	09/17/2015	STC SA01708SE (Fixed Oxygen System) has been installed on this aircraft. Approval for installation has been granted by the STC holder via a Licensing Agreement and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for this installation.
		CDC on 09/17/2015 Cirrus Design Corporation Duluth, MN USA PRODUCTION CERTIFICATE NO. 338CE
		Management of the Control of the Con

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

F	PAR NUMB		SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL		LIMIT T.B.O.		MOVAL /HOURS		AGE CERT
				Life Limited	Parts SR22	Γ	, -, -, -, -, -, -, -, -, -, -, -, -,				
		PA	RT NAME	PART NUMBER			EXPI	RES			
		CAPS	S Rocket Motor	29500-004	s/n 073°	<u>i</u>	09/2	025		= - =	
		CAP	S Parachute	29696-004	s/n <b>B0713</b>	2	09/	250			
		CAI	PS Reefing Line ters	26707-002	S/N 1581 S/N 1548		07/20	21		-	
		ELT	Γ Battery Pack	452-6504-1			05/3	२०३२			
		EM AA	A Controller, IR	20902-001	SINAZZZUL	15-120	07/2	220		-	
			ygen Bottle sembly	102N0100-1	MFG Date O6/2	015	06/	2030			
		CC	Detector	24660-004	S/N 1228		09/	2022		_	9
			ot Seat Inflator	20902-002	AAST 17	83	07/	2025	d =		
		Co	p-Pilot Seat flator Assembly	20902-002	AAS I 17 S/N_3068	8	67/	2025			
		_					•			_	
	,										1,27
										_	
						_					

## AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

	ITEM	DATE & HRS.	METHOD OF	TYPE OF A.D.		INITELIANCE NECORD
A.D./BULL. NUMBER	AFFECTED	AT COMP.	COMPLIANCE	1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
NOMPLE		HCS. 2.6	Searched AD issue 2015 compliance at	's through b -20 All A this time.	i-weekly D's are in	Rocky D. Muri
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		*			1	
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			NOTICE			
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# F.A.R. 91.411

					.11. 71.71	•		
	DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED AGENCY
-		I certify that the	altimeter, sta	tic system, trans	ponder, and a	ltitude		
-		reporter test requ	ired by FAR	's 91.411, 91.41	3, & 91.217 h	ave been		
		performed and for and AC 43-60	una within t	ne limits of FAR	43 appendice	es E & F		
		TESTED TO	25.000	FEET OF	19-24-	15		
		Transponder:	Mfg Ga	rmin P/N 2	4653-002	1.		
+		Mod	el: GTX-	33ES S/N	891301u	<b>C</b>		
1			<u> </u>	<u> </u>	0113914	_		
		ADC 1:	Model C	GDC74A_P	N 24651 0	01		
		12201.	$S/N$ $\frac{1}{2}$	062090	3	<u>01</u>		
		ADC 2	Model C	DC74A P	<u> </u>	01		
		11002.	S/N	206210	11 <u>24031-0</u>	<u> </u>		
				an in telling		- ,		
		Altimet	er: Mfg _	MD 302 P/	N <u>30499-00</u>	<u>04</u>		
		CDC Quality A	S/N EI	5-10707				
1		CDC Quality A	ssurance_	43	_on 7 /2	4115 -		
		Cirrus Design C	Corporation	n Duluth, MI	I USA			
		PC# 338CE						1
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1						la la		
+		<u>.                                    </u>	.0.	•		4		
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	$\dashv$							
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Date: 10/05/2017; Aircraft: N741KF; Type: SR22T; S/N: 1169; Hobbs: 489.10; Tach:; Total Time: 381.60 \*Set the Mid Continent SAM altimeter barrows scale per adjustment procedure in the MD-302 SAM IM# 9017782. Performed an operation check with satisfactory results in reference to the FAR 43 appendix "E".

Signature: Jeff Wall Date: 10/05/2017, W/O:/A16638

Infinity Aviation Services LLC FAA Certified Repair Station

#I6FR992Y

at the altimo

Altimeter/Encoder Calibration Sheet Infinity Aviation Services LLC FAA Certified Repair Station # 16FR992Y Form #10

5 001 2017

· A/C Tail #

AN 741KF Work Order #

Initial Indications At 29.92 In hg

Model Number

Serial Number

95 Altimeter: Feet Calibrator: 100 Feet Transponder

ZasTockes Encoder

Barometric Scale Error (reference pressure @ 29.92

In hg scale	Feet Calibration	Feet Reading	Adj to 29.92 in hg	Feet Error	± Feet Tolerance
28.10	1727	-1740	\ /	13	± 25
28.50	-1340	-1350		10	± 25
29.00	-863	-870		7	± 25
29.50	-392	-400	V	5%	± 25
29.92	0	-5		5	± 25
30.50	531	520		11	± 25
30.90	893	880		13	± 25 <
30.99	974	965		0	± 25

# MAINTENANCE RECORD



Date: 10/05/2017; Aircraft: N741KF; Type: SR22T; S/N: 1169; Hobbs: 489.10; Telest the Mid Continent SAM altimeter barrows scale per adjustment procedure in operation check with satisfactory results in reference to the FAR 43 appendix "E" Signature: Jeff Wall

Date: 10/05/2017, W/O: A16638 Infinity Aviation Services LLC FAA Certified Repair Station #I6FR992Y	
I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & \$1.217 have been performed and found within the limits of FAR 43, appendices E & F and AC 43-6A.  TESTED TO 30,000 FEET ON 5000 7  Transponder: Mfg Anne p/n  Model Grass s/n  Encoder: Model min p/n for some s/n  Altimeter: 9) Mfg min lum p/n for s/n for s/n for s/n for s/n	
W/O A16638 Tach/Hobbs 49.1  Infinity Aviation Services LLC Nashua, NH 03063 FAA Repair Station #16FR992Y	

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

7	AIRCRAFT TIME	KIND OF INSPECTION-STAT	TUS & DISCREPANCY LIST
╡			S A DISCRETANCE LIST
I	Nama	Logbook Entry	
t	. Name	17-1031CD 6-1 C Date. 10/23/14	W.O. #: 19-10623R
	A/C:	N 741 KF A/C S/N: 1169	T 1 TT 11 /7- /
T	1 certify tha	at the altimeter(s)/Air Data Computer(s), static system(s) and alt 91.411 & 91.217 has been performed and found in the state of the sta	ituda marata da
ļ		91.411 & 91.217 has been performed and found within limit	ts of FAR 43 Appendix E.
I			_
ł			1
			_
		This altimeter/air data computer has been tested to 2.	5 .000 feet
	#1 ADC/Altir	neter Wodel: 600 174 P/N: 24651-0	01 S/N: 20620903
	#2 ADC/Altir	neter Model: GDC 77A P/N· 24651-0	01 SN. 20621005
1	#3 Standby Al	OC/Altimeter Model: MD 302 P/N: 304	99-004 S/N: FIS-10707
	I certify th	at the following transponder(s) have been tested and inspection	n as required by FAR 91.413
		and found within limits of FAR 43 Annendix	F.
	#1 Transpond	er Model: <u>GTX-33ES</u> P/N: 24653-6	002 S/N: 89130 148
	#2 Transponde	er Model: $NA$ $P/N$ : $N/A$	S/N: $N/A$
		17 1 1 201	
		Signature:	
		FlightLevel Norwood, LLC	
		Norwood Airport - KOWD	
		209 Access Road, Norwood MA 02062	<u>.</u>
		CRS #FRKR-394D	
		FORM FLN A-5	
		Revision #2, dated 7/17/19	
_		The state of the s	
_			
_	-		

## ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED
system has be	een inspected ar	nder, altimeter, stated in accordance 1.411 and 91.413.	ic system and alt ance with FAR 4	itude reporting 3, Appendix E	
Pilot's altime Co-pilot's alt  SIGNED	eter tested to 3	20,000 30,000	Ft. Ft.	11/21	
- N# 741KI	ER# <u> 21-03</u> :	Flight) 86/ 237 Signature Technic C.R.S. 5SGR851 gs Way, Belgrade	Air B		The second secon
		From the last control field Frontiere and the field for th			
-					
-			1		

# F.A.R. 43.11–91.409

		1.A.n. 45.11-91.409	
ī	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRA	FT FOR SER
15 ct 15	2.6	Production FlightTest accomplished in accordance with Cirrus Procedure #90504  Name: Dan Ryan  Date 16 OCT 15  Signature: Title: Production Flight Test Pilot	
9 octavit	2.6	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated 19 1001 2015.  The next inspection is due 31 1001 2016.  David C. Hallfrisch 053841467	
1			

### MAINTENANCE RECORD F.A.R. 43.9

	I.A.	n. 43.9		
AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WOR OR APPROVED D			NCY & CERTIFICATE NO. ORMED/RETURNED TO SERV
MAKE: Cirrus Desi MODEL: SR22T S/N: 1169 REG. NO: N741KF WORK ORDER: 17	Repair 4961 A Duluth,	Is Design Factory Service Station No. YD5R855Y irport Road MN 55811 218-788-3049		DATE: 10/28/2015 A/C TSN: 6.2 FLIGHTTIME: 6.2
Airframe Entri	es			
(2) Cleaned and	ubricated Throttle cable at Throttle boo	dy IAW CDC AMM 12-20. Operati	onal check good.	
details of this work of DATE: 10/28/201	file on this aircraft and the accompanying disted in accordance with current requirements order are on file at this Certified Repair Station SIGNED:	n CRS YD57855Y		rk Order: 17506-10-2015
	Glenn Nelson Certified Repair Station No.	YD5R855Y	Printed by E	EBis 3 (datcomedia.com)
	A337			
		·	1	
1				



# LOGBOOK ENTRY

## **AIRFRAME**

Name: Stephan Habermeyer

W.O.: 9238

Date: 11/12/2015

A/C: N741KF

Flight time: 24.2

Hobbs time: 32.7

AC S/N: 1169

Complied with Cirrus First 25 Hour Inspection and complied with Cirrus 100 Hour Engine Inspection IAW Cirrus CMX Maintenance. Inspected aircraft Battery #1 and connections, no defect noted. Operational checks good.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature 2

A&P 16629146

Steven Wolff,

FlightLevel Norwood LDC - Maintenance 209 Access Rd., Norwood, MA 02062

### MAINICINAINCE RECURD F.A.R. 43.9

DATE OF COMPLETION W.O.: 9260 Date: 12/11/2015

AIRCRAFT TIME IN SERVICE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

### LOGBOOK ENTRY **AIRFRAME**

Name: Kalahari Flyers, Inc.

A/C: N741KF

Flight time: 44.8 Hobbs time: 59.5

AC S/N: 1169

Complied with Cirrus 50 Hour Interval Inspection per Cirrus CMX Inspection guide and Cirrus aircraft SR22T Inspection guide. Complied with Inspection of Oxygen equipped aircraft. Serviced oxygen system. Performed operational run up and leak check, no leaks noted.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature

A&P 38401436

Lance Drew

FlightLevel Norwood LLC - Maintenance



## LOGBOOK ENTRY

### **AIRFRAME**

Name: Kalahari Flyers, Inc.

W.O.: 9270

Date: 12/24/2015

A/C: N741KF

Flight time: 48.3

Hobbs time: 64.4

AC S/N: 1169

Removed LH and RH wing walks. Masked off area and prepped. Applied Awlgrip Griptex with clear coat to wing walk area.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature:

A&P 16629146

Steven Wolff

FlightLevel Norwood Le Maintenance 209 Access Rd., Norwood, MA 02062

2	209 Access Rd., Norwo	od, MA 02062		
	II.			
	, -			



Name: Kalahari Flyers, Inc.

W.O.: 9336

A/C: N741KF

Flight time: 92.4

Hobbs time: 117.4

AC S/N: 1169

Date: 3/25/2016

Complied with 100 Hour Engine and Propeller inspections with

airframe items IAW Cirrus 100 Hour CMX Checklist.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature:

A&P 16629146

FlightLevel Norwood LLC - Maintenance 209 Access Rd., Norwood, MA 02062



## LOGBOOK ENTRY **AIRFRAME**

Name: Kalahari Flyers, Inc.

W.O.: 9371

AC: N741KF

Flight time: 105.2 Hobbs time: 135.2

Date: 5/24/2016

AC S/N: 1169

Complied with SB 2X-52-08 R2 Door catcher/diverter replacement by

installing kit P/N 70544-001.

Complied with SB 2X-25-22. Removed and replaced ELT battery pack

P/N 8302. Next due replacement on Jan. 2022.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature/

A&P 16629146

Steven Wolff

FlightLevel Norwood LLC - Maintenance

209 A	ccess Rd., Norwood, MA 02062

MAINTENIANCE DECORD

	1		
		AGENCY & CERTIFIC	
LOGBOOK EN'	TRY ==	WORK PERFORMED/RETURN	ED IO SERVICE
AIRFRAME			
Name: Kalahari Flyers, Inc.	A/C: N741KF	in the second	
W.O.: 9369	Flight time: 151.3		
Date: 8/2/2016	Hobbs time: 191.7 AC S/N: 1169		
		1.2	
Complied with Cirrus CMX 50 Hour Inspect Serviced brake reservoir. Serviced oxygen s	system and TKS fluid to		
full. Serviced tires with air.	A THE TIME TO		
With respect to the work performed and desc	cribed above, this aircraft is		
approved for return to so	ervice.		
Signature:	A&P 38401436		
Lance Drew	Act 36401430		
FlightLevel Norwood LLC - N	Maintenance	LOGBOOK ENTRY	
209 Access Rd., Norwood, N	AA 02062	AIRFRAME	
	Name: Kala		A/C: N741KF
	W.O.: 9486		Flight: 185.2
	D. 4. 0/10/0		Hobbs: 237.1
	Date: 9/19/2		AC S/N: 1169
		Cirrus SR22T 100 Hour and 200 Hour Cleplaced LH and RH main tires and O-rings	
		th Custom II 10-ply tires, size 15X6.00-6	
		gs P/N 31493-110.	
	With respect to	the work performed and described above	this sime A
		approved for return to service.	e, this aircraft
		-//	
	Signature		38401436
		Lance Drew FlightLevel Norwood LLC - Maintenance	<u>.</u>
		209 Access Rd., Norwood, MA 02062	•



Airframe Logbook Entry

Name: Kalahari Flyers Inc.	Tail # N741KF	Hobbs: 289.3	
W.O.: 9525	Serial #: 1169	Flight: 229.2	
Date: 11/4/2016	Model SR22T		

Completed aircraft annual inspection this date IAW Cirrus SR22T AMM & SR22T checklist. C/W FAR 91.207 (d) battery next due 5/2022. Balanced nose wheel. C/W Precise Flight O2 Annual inspection. Serviced O2. Serviced L & R TKS tanks. Weighed fire extinguisher. Installed new clamp on wire harness in engine compartment. Charged battery and performed capacity test and battery passed, recharged battery and installed. I certify that this aircraft has been inspected IAW an annual inspection and is airworthy at this time and is approved for return to service.

SB's

C/W Cirrus SB 2X- 32-22 Nose gear strut inspection, no defects noted.

Signature:

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance

209 Access Road, Norwood MA 02062 781-769-8686

### MAINTENANCE RECORD F.A.R. 43.9

AIRCRAFT TIME	DESCRIPTION OF WORK PERFORM	ED	AGENCY & CERTIFICATE NO
FLIGHT N O R W	LEVEL O O D	,	
	Airframe Logboo	k Entry	
Name: Kalahari Flyers Inc.	Tail # N741KF	Hobbs: 329.2	,
W.O.: 9573	Serial #: 1169	Flight: 260.7	
Date: 12/12/2016	Model SR22T	1 Hght. 200.7	-
With respect to the	work that was performed above this	aircraft is approved for	r raturn to comica
Signature:	1 that	Steven Wolff A&P 16 Maintenance	
Signature:	Flightlevel Norwood Aircraft	Steven Wolff A&P 16 Maintenance	
Signature:	Flightlevel Norwood Aircraft	Steven Wolff A&P 16 Maintenance	
Signature:	Flightlevel Norwood Aircraft	Steven Wolff A&P 16 Maintenance	
Signature:	Flightlevel Norwood Aircraft	Steven Wolff A&P 16 Maintenance	
Signature:	Flightlevel Norwood Aircraft	Steven Wolff A&P 16 Maintenance	
Signature:	Flightlevel Norwood Aircraft	Steven Wolff A&P 16 Maintenance	
Signature:	Flightlevel Norwood Aircraft	Steven Wolff A&P 16 Maintenance	
Signature:	Flightlevel Norwood Aircraft	Steven Wolff A&P 16 Maintenance	



## LOGBOOK ENTRY

#### **AIRFRAME**

Name: Kalahari Flyers, Inc.

W.O.: 9563

A/C: N741KF

Flight time: 244.3

Hobbs time: 310.4

AC S/N: 1169

Removed CO detector P/N 454-201-002, S/N 12285, and installed new CO detector P/N 24660-004. Ran up engine, no abnormalities noted.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature:

Date: 11/30/2016

A&P 16629146

Steven Wolff

FlightLevel Norwood LLC - Maintenance 209 Access Rd., Norwood, MA 02062



## LOGBOOK ENTRY

### **AIRFRAME**

Name: Kalahari Flyers, Inc.

A/C: N741KF

W.O.: 9599

Flight time: 274.3 Hobbs time: 349.1

Date: 01/20/2017

AC S/N: 1169

Complied with Cirrus CMX 50 Hour Inspection. Cleaned fuel strainer.

Serviced brake reservoir. Serviced tires with air.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature

A&P 38401436

Lance Drew

FlightLevel Norwood LLC - Maintenance 209 Access Rd., Norwood, MA 02062

### MAINTENANCE RECORD F.A.R. 43.9

1			F.A.F	<b>R. 43.9</b>		
	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK OR APPROVED DA		AGE WORK PERF	NCY & CERTIFICATE NO. ORMED/RETURNED TO SERVICE
	W.O.: 9692  Date: 5/16/2  Complied with assembly and in Removed and in (A) and brake of With respect to Signature:	chari Flyers, Inc. 2017 In Cirrus CMX 100 Horeplaced brake lining replaced LH brake parelisc P/N 31392-108.	A/C: N741KF Flight time: 327.1 Hobbs time: 417.1 AC S/N: 1169 Four Inspection. Removed RH wheel with new 2 each P/N PQT-010 (A). In the distribution of the second	Name: Kalah W.O.: 9738  Date: 7/18/20  Complied with Increased nose Complied with removed nose s dye penetrant in area in 50 hours Advisory SA 17  With respect to Signature.	Cirrus SB 2X-32-23. Set of fork tension to 34 lbs and Cirrus SB 2X-32-22 R1. It trut fairing. Cleaned area aspection. No defects note at 406.2 Flight hours. Co 7-08.	A/C: N741KF Flight time: 356.2 Hobbs time: 454.2 AC S/N: 1169 nose tire pressure to 40 psi. safetied. Removed nose fairings and and removed paint to perform ed. Applied LPS3. Re-inspect omplied with Cirrus Service  described above, this aircraft is to service.  A&P 16629146  Iff C-Maintenance
_						

F.A.R. 43.9 **DESCRIPTION OF WORK PERFORMED** DATE OF AIRCRAFT TIME OR APPROVED DATA USED COMPLETION IN SERVICE LOGBOOK ENTRY **AIRFRAME** A/C: N741KF Name: Kalahari Flyers, Inc. Flight time: 365.2 W.O.: 9786 Hobbs time: 467.6 AC S/N: 1169 Date: 9/5/2017 Removed co-pilot's interior door panel trim and replaced lower door latch. Adjusted lower latch pin. Adjusted upper latch. Reinstalled door trim. Ops check good. With respect to the work performed and described above, this aircraft is approved for return to service. A&P 16629146 Signature: FlightLevel Norwood LLC - Maintenance 209 Access Rd., Norwood, MA 02062

MAINTENANCE RECORD

r.A.R. 43.9 DESCRIPTION OF WORK PERFORMED AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERV OR APPROVED DATA USED AIRCRAFT TIME DATE OF IN SERVICE COMPLETION Repair Station #16FR992Y and altitude reporter t-LOGBOOK ENTRY .217 have been performed and f. **AIRFRAME** A/C: N741KF Name: Kalahari Flyers, Inc. Flight time: 390.4 Hobbs time: 499.7 W.O.: 9827 AC S/N: 1169 Date: 10/20/2017 Complied with Cirrus CMX 50 Hour Inspection. Serviced brake n/d reservoir. Charged aircraft battery #1. Inspected Oxygen system. Replaced air conditioning condenser fan P/N 13348-1, S/N 389. Installed new condenser circuit breaker P/N 50350-015. Installed new cabin blower fan P/N 21114-605, S/N 4747. Replaced RH strobe/Nav. Light P/N 01-0271482-05. Serviced nose strut with nitrogen. Replaced aft LH cup holder P/N 51179-001. Ran up engine, no leaks noted, operational checks good. appendices (1) Mfg 6-20m With respect to the work performed and described above, this aircraft is approved for return to service. Model Model( A&P 38401436 Signature Fransponder: Lance Drew FlightLevel Norwood LLC - Maintenance Altimeter: Encoder: 209 Access Rd., Norwood, MA 02062

# Infinity Aviation Services LLC FAA Certified Repair Station # 16FR992Y Form #10

Date:	502 2017		A/C Tail # 10 741 KA
	Initial Indications At 29.92 In hg		Work Order # A16638  Model Number Serial Number
Altimeter:	95-195-	Feet	Altimeter 606 74(2) 20621055  Transponder 67233
Calibrator:	100	Feet	Encoder 60C 74(2) 2002003

scale	Feet Calibration	Feet Reading	29.92 in	F	eet	± Feet Tolerance
28.40	-1727	יונגיו-וונגי	hg			
28.50				5	2	± 25
29.00	-863	350-1350		10	10	± 25
29.50	-392	-820-870		2	7	± 25
29.92	0	-345-34	1	3	3	± 25
30.50	531	-7 -7	1	5	S. Comme	± 25
30.90	1	330 570 335 1885	1	1	1	± 25
30.99	1	25 863		8	8	± 25

VIB.   Readout   Error   Error   tolorence   Altitude   Alevy IB.   Readout   Error   Error   tolorence   Altitude   Alevy IB.   Readout   Error   Error   tolorence   12000   12000   1795   12600   O   5   ±90   14000   1895   18000   O   5   ±100   18000   1895   18000   O   5   ±100   18000   1895   18000   O   O   18000   1895   18000   O   O   18000   1895   18000   O   O   O   O   O   O   O   O   O   O	Feet		2 Fortend	Encoder :	Esticainis	Scal	e(Error	(set a	ltimeter to	29.92 In	(g) 2		1	2	
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Feet altitude	Scale error reading	Feet reading	Feet change	± Feet tolerance
50%	1500	15000	0	± 75
40%	14000	12000	0	± 75
500	14995	14985	0	1 Inc
100%	IKE	11995	0	6/12

In hg pressure	ffect (open	Feet final	Feet change	± Feet
Altimeter	95/95	105/110	20 100	tolerance
Calibrator	100	Do	20	,
	A-C = DIFF	ERENCE >	0015	+ 30

### MAINTENANCE RECORD



Airframe Logbook Entry

Name: Aspire Aviation	Tail # N741KF	Hobbs: 514.6				
W.O.: 9864	Serial #: 1169	Flight: 401.2				
Date: 11/29/2017	Model SR22T					

Completed aircraft annual inspection this date IAW FAR 43 Appendix D using a checklist from Cirrus SR22T AMM. C/W FAR 91.207 (d) battery next due 5/2022. Repaired ELT antenna coax coupling. Replaced nose tire P/N 505T08-1, serviced to 40 psi, and balanced nose wheel. C/W Precise Flight O2 Annual inspection. Serviced L & R TKS tanks. Weighed fire extinguisher. Replaced battery #2, two each P/N 50979-001. Replaced TKS filter P/N 21986-203. Replaced L & R main tires two each P/N 156E06-1. Reattached bottom of RH wing root fairing. Replaced section of foam door seal on RH cabin door. Checked and adjusted rudder rigging and yaw trim cartridge. Replaced main battery M/N RG24-11M S/N 40889652. C/W 2 year magnetometer calibration check. C/W 3000 Hr. or 2 year check of autopilot servo clutch torque check. Replaced alternator #1 P/N 656802 S/N H-Q110629. Replaced O-ring at TKS T fitting by TKS filter. Secured nose fairing hinge pin clips. Replaced bearings in nose wheel P/N 31492-104 and P/N 31492-105. I certify that this aircraft has been inspected IAW an annual inspection and is airworthy at this time and is approved for return to service.

SB's

DATE O

COMPLET

C/W Cirrus SB 2X- 32-22 R1 Nose gear strut inspection, no defects noted, next due in 50 Hrs. at 451.2 Flight Hrs.

C/W Cirrus SB 2X-95-24 CAPS Grounding strap. Installed kit P/N 70572-001.

C/W Cirrus SB 2X-32-23 Nose Shimmy reduction. Increased Fork tension to 35 Lbs. and set tire pressure to 40 psi.

Signature:

Steven Wolff A&P IA 16629146

TO S

Flightlevel Norwood Arcraft Maintenance

209 Access Road, Norwood MA 02062 781-769-8686



# LOGBOOK ENTRY

## **AIRFRAME**

Name: Aspire Aviation

W.O.: 10008

Date: 5/9/2018

A/C: N741KF

Flight time: 457.9

Hobbs time: 589.3

AC S/N: 1169

Complied with Cirrus 50 Hour CMX inspection. Removed and replaced nose shock strut, removed P/N 0346-800, production number 0815-11, and installed new oleo strut P/N 0346-800 Cirrus P/N 27057-002, production number 0318-42. Replaced grommet set and bushings on air conditioning drive. Reinstalled door seal and secured. Repositioned and installed LH turbo air housing and secured. Replaced LH main gear inboard fairing with new P/N 18138-003-01. Ran up engine, no leaks noted, operational checks good.

With respect to the work performed and described above, this aircraft is approved for return to service. A&P 16629146

Signature:

Steven Wolff

FlightLevel Norwood LLC - Maintenance

209 Access Rd., Norwood, MA 02062

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

	AIRCRAFT TIME  DATE  IN SERVICE  SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT  SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT				
	FLIGHTLEV NORWOO	<b>E L</b> D			
		Airframe Logbook	Entry		
Name: Aspir	re Aviation	Tail # N741KF	Tach time: 502.4		
W.O.: 10084		Serial #: 1169	Hobbs time: 647.5		
Date: 8/8/20	18	Model: SR22T	ake pads P/N (2) 31392-105. Replaced RH side		
1 certify that th	ms i morate has oven mspee	condition.	Inspection and was determined to be in airworthy		
	Signature:	Lance Drew FlightLevel Norwood LLC - Main			
		Lance Drew	ntenance		
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INSPECTION RI F.A.R. 43.11-9

DATE

AIRCRAFT TIME IN SERVICE

KIND OF SIGNATURE — CERT. NO. OF



# LOGBOOK ENTRY

**AIRFRAME** 

Name: Aspire Aviation

W.O.: 10202

Date: 11/30/18

A/C: N741KF

Hobbs: 686.3

Tach: 532.8

AC S/N: 1169

Complied with the replacement of the stainless-steel firewall C/P/N 28856-002, Foil vapor seal C/P/N 50559-001 and insulation barrier C/P/N 2857-002. Installed new Cirrus engine mount C/P/N 19779-003. Replaced oleo C/P/N 27057-002, nose gear strut assembly P/N 18632-003. Installed all new bushings and bolts. Installed new nose gear pivo thrust washer and nut C/P/N 50545-001 thrust washer and C/P/N MS17825-8 nut. Retensioned nose gear pivot per Cirrus SB 2X-3-23 RI.

All work performed in accordance with Cirrus SR22T AMM

Signature:

A&P 38401436

Lance Drew

FlightLevel Norwood LLC - Maintenance 209 Access Rd., Norwood, MA 02062

/	

# 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 DISAPPROVING AIRCRAFT FOR SERVICE



Airframe Logbook Entry

Manage Assisting	Tail # N741KF	Hobbs: 686.3
Name: Aspire Aviation W.O.: 10202	Serial #: 1169	Flight: 532.8
Date: 12/21/2018	Model SR22T	

Completed aircraft annual inspection this date IAW FAR 43 Appendix D using a checklist from Cirrus SR22T AMM. C/W FAR 91.207 (d) battery next due 5/2022. C/W Precise Flight O2 Annual inspection. Serviced L & R TKS tanks. Weighed fire extinguisher. C/W Cirrus 3 year/1000 Hr. check of GSA 80 & 81 autopilot servo special inspection. Replaced LH & RH nose wheel fairing brackets. Replaced engine baffle directly behind spinner. Replaced RH elevator middle and outboard hinge pins. Replaced cherrymax rivet in RH outboard elevator hinge. Purged aircraft TKS system. Replaced pilots and Co-pilots seat belt assemblies. Applied chafe protection near RH flap inboard hinge area. Cleaned and reracked connectors J1409/P1409 and J1292 at GDL69 rack. Repaired engine firewall with a composite repair IAW Cirrus Design Corporation Repair drawing number FRA00012098 dated 11/7/2018 and Cirrus SR22T AMM.

I certify that this aircraft has been inspected IAW an annual inspection and is airworthy at this time and is approved for return to service.

SB's

C/W Cirrus SB 2X- 74-02 Ignition switch

C/W Cirrus SB 2X-95-23 R1 Aft rocket grain replacement. Installed kit P/N 70596-002.

Signature: Steven Wolff A&P IA 16629146
Flightlevel Norwood Arcraft Maintenance

209 Access Road, Norwood MA 02062 781-769-8686



# LOGBOOK ENTRY

### **AIRFRAME**

Name: Aspire Aviation

W.O.: 10319

Date: 3/29/19

A/C: N741KF

Hobbs: 725.1

Tach: 560.5

AC S/N: 1169

Complied with Cirrus SB 2X-42-17 aircraft software upgrade to vs. 0764.37. Formatted and installed new Garmin data cards P/N 31145-001 ops check satisfactory.

All work performed in accordance with Cirrus SR22T AMM

Signature:

A&P IA 3021297

Jeff Kupiec

Flight Level Norwood Aircraft Maintenance 209 Access Road, Norwood MA 02062 781-769-8686

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## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CER	KIND OF INSPECTION-STATUS & DISCREPANCY LIST RT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR
Name: Aspi		Airframe Logbook Tail # N741KF	Entry    Tach time: 635.1
W.O.: 1049		Serial #: 1169	rious time. 813.2
Date: 8/29/2	2019	Model: SR22T	SB 2X-32-22R2 nose landing gar strut assembly
inspection. C/	w dye pen inspection. I	nspected IAW Cirrus 100 Hour CMX condition.	Inspection and was determined to be in airworthy  A&P 38401436  intenance
	ż		•



## LOGBOOK ENTRY

### **AIRFRAME**

Name: Aspire Aviation

W.O.: 10616

Date: 10/25/2019

A/C: N741KF

Flight time: 673.1

Hobbs time: 862.0

AC S/N: 1169

SB c/w IAW 2X-32-22 R2, no defects noted.

With respect to the work performed and described above, this engine is approved for return to service.

Signature

A&P 4222858

Alexander Pruitt

FlightLevel Norwood LLC - Maintenance 209 Access Rd., Norwood, MA 02062

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

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	AIRCRAFT TIME IN SERVICE	SIGN	KIND OF INSPE	CTION-STATUS & DISCREPANCY LIST	
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	F F	LIGHTLEVEL			<u> </u>
	I N	ORWOOD	4		
					<b> </b>
	H	•	Airframe Logboo	ok Entry	1
	Name: Aspire Av	iation	Tail # N741KF	Tach time: 705.3	
	W.O.: 10718		Serial #: 1169	Hobbs time: 902.7	— II_
	Date: 1/22/2020		Model: SR22T		
	Replace LH main t	ire Goodyear P/N 156E06	5-1. Installed O-ring P/N	31493-110. Installed LH and RH brake pads P	<u></u>
	31392-105. Compli	led with FAR 91.207(D)	Annual ELT Inspection. 1	No defects noted. Battery replacement date is 5	5/2022.
	found Next due 75	IS SB ZX-3Z-ZZKZ NOSE.	Landing Strut Inspection.	Complied with Dye Penetrant Inspection. No	cracks —
	check No defects n	oted Complied with TV	S filter replacement. In the	ystem. No defects. Complied with #1 battery	capacity
	Inspection and Weigh	thing of Fire Rottle Rem	soved and replaced stall w	alled new filter Cirrus P/N 21986-203. Complane assembly P/N C-2207-1, S/N 175823-11 p	ied with
	Maintenance Manua	I. Test flown aircraft to	check stall IAW Cirrus SI	222T AMM Section 27-31. Complied with Circular Amount of the Circula	er Cirrus
- 1	2X-34-29 Pitot and 7	TKS Line Routing Inspec	ction. No defects noted (	Complied with Cirrus SB 2X-71-33 per TCM S	mus SB
-+	cylinders, see engine	e log entry. Adjusted no	se gear pivot and installed	new thrust washer Cirrus P/N 50545-001. Re	5B18-08
	battery #2 P/N (2) 50	0979-001. Next due 1/20	22. Checked Biweekly A	D's thru 2020-01	piaced
$\overline{}$					II—
	I certify that this A	ircraft has been inspected	d IAW Cirrus SR22T Ma	intenance Manual check list for a 100 Hour In	spection
		and wa	as determined to be in air	worthy condition.	
				·	
		Signature		_Lance Drew A&P 38401436	-
$\rightarrow$					
- 11	I certify that this a	irframe has been inspe	ected IAW FAR 43 ap	pendix D and referenced Cirrus SR22T in	nspection
-H	checklist for	an Annual Inspection	and is airworthy at the	s time and is approved for return to servi	ice.
- 11		//-	H W	••	
-+	S	ignature:	1 1/00/	Steve Wolff A&P IA 16629146	_
- 11			ghtLeve Norwood LLC -	Maintenance	
$\dashv$			09 Access Rd., Norwood.		1 _

# F.A.R. 43.11-91.409

KIND OF INSPECTION-STATUS & DISCREPANCY LIST				
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DATE				1
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	NORWO	O D		
		Airframe Logboo	k Entry	
Name: Asn	ire Aviation	Tail # N741KF	Flight: 705.3	
W.O.: 1071		Serial #: 1169	Hobbs 902.7	
Date: 1/22/		Model SR22T		
			(DU 1 N D C 114 W/C' CDCCT	
Performed t	test flight for operation	al check of stall warning syst	em (Flight). Performed IAW Cirrus SR22T	
AMM Secti	on 27-31. No abnorma	lities noted.		
		1 0 0	· <b>A</b>	
	Signature			1
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		31	67250CFE ex6/20	
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# LOGBOOK ENTRY

## **AIRFRAME**

Name: Aspire Aviation

W.O.: 10776

Date: 3/4/20

A/C: N741KF

Hobbs: 914.7

Tach: 713.4

AC S/N: 1169

No heat at stall transducer. Troubleshot down to stuck relay K1383. Removed relay and installed new relay, p/n K10P-11D15-24, and relay socket, p/n 67F3897. Ops check ok.

All work performed in accordance with Cirrus SR22T AMM

Signature:

A&P 4222858

Alexander Pruitt

FlightLevel Norwood Aircraft Maintenance 209 Access Road, Norwood MA 02062 781-769-8686



Airframe Logbook Entry

Nome: Island I	Zogook Entry	
Name: John Ippolito		Tail #: N741KF
W.O.: 10969	Model: SR22T	Tach time: 754.8
Date: 7/27/2020	Serial #: 1169	Hobbs time: 965.5

Complied with Cirrus 50-Hour Inspection per Cirrus SR22T AMM.in reference to TCM 25 Hour Inspection and gascolator service, no discrepancies noted. Work performed in reference to Cirrus AMM and TCM EMM.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature:

A&P 2718796

Leasa Aronson

Removed RH tire and replaced with new RH tire, P/N 156E06-1. Installed tire with new O-ring P/N 31493-110. Purged TKS panels on horizontal stabilizer. All work performed in reference to SR22T AMM.

With respect to the work performed and described above, this aircraft is approved for return to service.

Signature:

A&P 4222858

Alexander Pruitt

FlightLevel Norwood LLC - Maintenance 209 Access Rd Norwood MA 02062

## F.A.R. 43.11-91.409

AIRCRAFT TIME

IN SERVICE

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



Airframe Logbook Entry

Name: JMAVCO LLC	Tail #: N741KF	Tach time: 788.5
W.O.: 11084	Serial #: 1169	Hobbs time: 1008.8
Date: 11/5/2020	Model: SR22T	1000.0

Complied with replacement of A/C compressor belt tensioner, P/N 1133087-1. Retensioned nose gear pivot. Resealed LH wing inboard tank at aft flap track. Removed mounting bolts to reseal. Installed new AN5-10A bolts. Resealed access panel. CAP check #1 aircraft battery and recharged. Complied with Cirrus SB 2X-34-29R1 TKS / Pitot Line Routing, no defects noted. Replaced RH cabin door foam seal, P/N 53168-125U. Removed O2 bottle and sent out to Precise Flight for hydrostatic check and regulator overhaul. Bottle is removed at this time. System is inop, O2 control is labeled inop, and W&B was updated for tank removal. Informed owner/operator to look up limitations. Checked biweekly AD's through 2020-22.

I certify that this Airframe has been inspected IAW FAR 43 appendix D and referenced Cirrus SR22T Maintenance Manual Inspection Checklist for a 100 Hour Inspection for reference and was determined to be in airworthy condition.

Signature

Lance Drew A&P 38401436

I certify that this Airframe has been inspected AW FAR 43 appendix D and referenced Cirrus SR22T inspection checklist for an Annual Inspection and is airworthy at this time and is approved for return to service.

Signature:

\_Steve Wolff A&P IA 16629146

FlightLevel Norwood LLC - Maintenance 209 Access Rd., Norwood, MA 02062

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

	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	
ATE		FLIGHTLEVEL A V I A T I O N  Airframe Logbook Entry	_
	Name: JMAVCO LLC	Tail #: N741KF Tach time: 795.6	_
	W.O.: 11125	Serial #: 1169 Hobbs time: 1017.2	
	Date: 11/19/2020	Model: SR22T	_
	cannulas with new. Reinstalled	ion. Replaced all 4 flowmeters with overhauled units, P/N 027N0003-1 and replaced all 4 2 bottle after hydrostatic check and refilled O2. Revised W&B for O2 bottle installation. Tightened and saftied nut on nose wheel shimmy.  Tightened and described above, this aircraft is approved for return to service.  Lance Drew A&P 38401436  FlightLevel Norwood LLC - Maintenance 209 Access Rd., Norwood, MA 02062	_ _ _ _
		209 Access Rd., Norwood, MA 02062	
			- - -

## F.A.R. 43.11-91.409

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

AIRCRAFT TIME SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE IN SERVICE ARLIN'S AIRCRAFT SERVICE, INC. 200 Wings Way, Belgrade, MT 59714 (406)-898-2012 CRS QM5R150N (KBZN) ACR ELECTRONIC FLT TOTAL TIME TAC **HOBBS** REGISTRATION SERIAL# DATE 861.5 862.1 1102.5 862.1 1169 22 NOV 2021 N741KF Annual inspection completed this date. Checked cables, pulleys, lights, brakes, tires, and battery. DATE Checked Artex ELT per 91-207(d). ELT Battery due NOVEMBER 2027. Drained sumps. Cleaned **BOOK ENTRY** gascolator. Checked wing, gear and tail bolts. Replaced the left and right brake pads. Installed two new E.L.T. BATTERY REPLACEMENT I #2 ECU backup batteries. Installed a new ELT battery. Dye-checked nose landing gear IAW SB 2X-32-26. Chesked nose gear shimmy per Service Advisory SA-19-02. Reinstalled inspection panels and cowl. Arlin C. Wass A&P 1340061 5007 I certify that the items above were repaired and/or inspected in accordance with current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work are on file at Arlin's Aircraft Service, Inc., under Work Order No. 29688. Arlin C. Wass CRS QM5R150N