

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. 1

Aircraft Registration No. 31145

Aircraft Manufacturer Cirrus

Model SR-20 Perspective

Serial No. 2162

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

	Mfg.	Model	Serial No.
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____
11.	_____	_____	_____
12.	_____	_____	_____
13.	_____	_____	_____
14.	_____	_____	_____
15.	_____	_____	_____
16.	_____	_____	_____
17.	_____	_____	_____
18.	_____	_____	_____
19.	_____	_____	_____
20.	_____	_____	_____



AEROTECH PUBLICATIONS INC.

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11/14/2011



LANCASTER AVIONICS, INC

ALTIMETER/STATIC and ENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

Customer:		ADVANCED AIRCRAFT SERVICES		Aircraft Type:	\$R22		#: N311LS		
				Test Alt	Pilot		Co-Pilot		
Altimeter	Manufacturer	Part Number	Serial Number	Test Ceiling	18,000'	Up Down	Diff		
Pilot	GARMIN	GDU1240A	14Y005841	System Leak	0 FPM		Tol		
Co-Pilot	UNITED	5934AD-3A-258G	445945	Hysteresis:	9,000'	N/A	+- 75		
Encoder	GARMIN	GDC74A	20612919	50%			-55 -25 +25		
				40%	7,200'		+- 75		
				After Effect	0'	Y	+- 30		
							+5 +10		
Error	Pilot	Co-Pilot	Tol	Encoder 125'		Friction			
-1000	0	-10	20	N/A	-950	P: 0'	Tol: Co-Pilot		
zero	-5	+5	20	-50	50	1000	N/A		
500	-5	+10	20	450	550	2000			
1000	-5	+10	20	950	1050	3000			
1500	-5	+20	25	1450	1550	5000			
2000	-5	+20	30	1950	2050	10000	Y		
3000	-10	+10	30	2950	3050	15000			
4000	-5	+10	35	3950	4050	20000			
6000	-10	-20	40	5950	6050	25000			
8000	-10	-45	60	7950	8050	30000			
10000	-10	-65	80	9950	10050	35000			
12000	-15	-80	90	11950	12050	40000			
14000	-15	-70	100	13950	14050	50000			
18000	-20	-75	110	15950	16050	Pressure - Alt Diff. Tol +/- 25			
18000	-20	-70	120	17950	18050				
20000			130			28.10"	-1730 -1727 -1725		
22000			140			28.50"	-1335 -1340 -1320		
25000			155			29.00"	-870 -863 -860		
30000			180			29.50"	-395 -392 -385		
35000			205			29.92"	-5 zero +10		
40000			230			30.50"	530 -531 535		
45000			255			30.90"	890 -893 905		
50000			280			30.99"	970 -974 980		
		PASS	FAIL			Technician	Richard D. Stalter (Signature)		
Pilot Altimeter	X							Date	5-21-14
Co-Pilot Altimeter	X								
Encoder	X								

(717) 569-1963 Phone
(717) 669-1722 FaxLancaster Avionics Inc.
500-U Airport Rd
Lititz, PA 17543

CRS# LN7R261N

CIRRUS SR20 N311LS FLIGHT=661.3 HOBBS=926.1

LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/A/W FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
#1 ALTIMETER	GARMIN	
#2 ALTIMETER	UNITED	
ENCODER (S)	GARMIN	
STATIC SYSTEM TEST DATE	5-21-14	
SIGNATURE	Richard G. Staller DATE 5-21-14	

LANCASTER AVIONICS INC CRS # LN7R261N

I CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED I/A/W FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	GTX33 ES
#2 TRANSP	N/A
SIGNATURE	Richard G. Staller
DATE	5-21-14

LOGBOOK ENTRY: CIRRUS SR-20 N311LS AK HOBBS 1619.8
THE STATIC PRESSURE SYSTEM, TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED TESTED AND INSPECTED I/A/W FAR43 APPENDIX E, PAR A & C, APPENDIX F (FAR91.413) AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE AT THIS REPAIR STATION UNDER W.O. 110718A DATE NOV 07, 2018

SIGNATURE Mark B. Alicandro INSP. (MBA)

**TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-A
FT. LAUDERDALE FL. 33309 FAA APPROVED REPAIR STATION # RZ4R510M
FT. LAUDERDALE EXECUTIVE AIRPORT * ARCHER RAMP *
TELEPHONE # 954-776-4030 WWW.TROPICRADIO.COM**

GTX 33ES S/N 89123081

CERTIFICATION EXPIRES ON NOV 30, 2020

LOGBOOK ENTRY:
DATE: NOV 07, 18 A/C TYPE: SR-20
REG# N311LS A/C TIME: FLT HOBBS TIME 1619.8

PERFORMED ELT TEST AND INSPECTION I/A/W FAR 91.207 D. PAR. 1,2,3,4 ON ELT MODEL ARTCX ME406 P/N 453-6603 S/N 197-12456 AND FOUND SATISFACTORY APPROVED FOR RETURN TO SERVICE UNDER W.O. # 110718A ELT BATTERY DUE DATE: JAN 2024

Mark B. Alicandro
MARK B. ALICANDRO
FOR
TROPIC RADIO INC. 2695 NW 56TH ST. HANGER 53-A
FT. LAUDERDALE, FL. 33309 TEL # 954-776-4030
FAA C.R.S. # RZ4R510M