AIRCRAFT DESCRIPTION MANUFACTURER CICKUS DESIGN MODEL SR-20 _DATE OF MFG. August 2004 THIAL NUMBER 1443 REGISTRATION NUMBER N 92400 HUSTERED OWNER____ Inspection Status [Check one] MIREET ADDRESS _ F.A.R. 91.409 ANNUAL/100 HOUR TITY, STATE, ZIP F.A.R. 91.409 PROGRESSIVE BIHLLT ADDRESS LITY, STATE, ZIP THE HED OWNER THEFT ADDRESS F.A.R. 135.419 A.T.C.O. HITY, STATE, ZIP_ OTHER THEET ADDRESS_ THE STATE, ZIP_ DATE ENTERED __ MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

MANUFACTURER	MODEL	SERIAL NO.
MANUFACTURER	MODEL	
Terre Continental Motors	ID360 ES	R 357796
		R
Horszell Propellers Inc	PHC-534 4-1K1	FP3049B
		\$30p.400
	*	
		naeke -
		

PARTS OR OVERHAUL REQUIREMENTS

SERVAL		LATION	TIME ON AT INST		LIFE LIMIT OR T.B.O.	REMO\ DATE/H		AGENCY CERT. NO.
	D. 1. 2/			, , ,				
MARINE STATE								
					h-sales			
	Lif	o I imi	ted Pa	rte S	R20			
PART NA			UMBER	113 5	1120	EXPIRES		
CAPS Rocket		15047			D1482	06/14		
CAPS Parac		20332	2-001		3640	67/14		
CAPS Reefing	Line	5212			5040	mel =	->	REPLACED S/1/10
Dutters				LOT	882-634	04/14	/	SERLOGENTAY
ELT Batteri	es	MN13	300		e Installed	and.		stehob entax
				9	1/94	03/11		
		OW-UP -						
Planting Street								
			Transcorer s					

THESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
7.4hrs				Robert S. Paney (MFG) 468)
	Searched AD	's through b	i-weekly	
	issue 2004	16. All A	D's are in	
	compliance a	t this time.		
		100		
	Manager		*	

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

		1./	VILLO DIOTI	The second second		
MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
		he altimeter,				
		eporter test re				
		217 have bee				
		its of FAR 4.	3 appendices	s E & F and	d	
	C 43-6A.				1	
		18,000			9	
Tı	ransponder	: Mfg <u>Garn</u>	nin_P/N_1	<u>3587-050</u>	_	
	Mod	del: GTX-32	27 S/N	837/79	133	
E	ncoder: Mo	del <u>ACK</u>	P/N_A-30_S	N 909	97	
Al	timeter: M	fg Avidyne				
	(H	PFD) <u>15222-</u> (001 S/N 3	1184330	4	
		P/N 12731-0				
	helise in the second					
CI	OC Quality	Assurance	1/40	on 8/3	3/04	
		Corporation	Duluth, MN	LUSA		
	C# 338CE	Corporation		0011		
	Additional Control of the Control of	and the same of the				
La Zyr	IFRO	Perts-5	ee Main	t Section	n (and)	

MAINTENANCE RECORD

F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED AGENCY & CERTH CATENO.
WORK PERFORMED/RETURNED TO SERVIC AIRCRAFT TIME IN SERVICE Cirrus Design Factory Service Center DATE: 8/27/2004 Repair Station No. YD5R855Y 4515 Taylor Circle AVC TSN: HOBBS: 15.3 WO STATE Duluth, MN 55811 Phone: 218- 788-3101 754 Entries and replaced PFD with new PN: 15222-001 SN: 22918334 IAW Cirrus MM.Ch. 34-15, system ops checks and flight tests good. The file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified specified in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent are on file at this Certified Repair Station CRS YD5R855Y. SIGNED: Put Peter TATE 8/27/2004 Work Order: 1957-08-2004 Rich Peterson Printed by EBis 3 (datcomedia.com) Certified Repair Station No. YD5R855Y NC. 520 AIRPORT RD LITITZ, PENNSYLVANIA 17543
15-December-2004 WO# 4693 REF# 4693 HOBBS 98.5 S/N 1443 CIRRUS SR20 Pg 1 / 1 E LOG-28-03 FUEL SELECTOR VALVE SHAFT SLEEVE INSTALLATION.-END-2699478 MAZZANTE

		THE RESERVE OF THE PERSON OF T			
		F.A.R. 43	3.9		
	AIRCRAFT TIME	DESCRIPTION OF WORK PERF	ORMED)	AGENCY & C	ERTIFICATE NO
CETION	IN SERVICE	OR APPROVED DATA US	ED	MUNIX PERFURMED	AETUNCE ILLE
= 9-27-06	244.0	C/W Avidyne SB Go	71-0000H-03	oby up sca	ding
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		Reset Confix pay		rellation of	ACK F
*		encoder, sn goggt	to munch PFI	ANCASTER AVIOL	NICS INC.
		altimeter, SN 229183	34 7- 20,000	LANCASTER AIRPO	ORT
-		A. OBCHKSOK DES	on file.	DATE 9-27.	06
		W.o. Ref 119856		CERTIFICATE NO.	LN7B2811
			LAMOASTER	AVIONICS INC. C	00 = -
			1 CERTIFY TI	AT THE ALTIMETER	R ENCOR
			STATIC SYST	M TESTS REQUIRE	ED BY FAF BUR
L		VIONICS INC.		RFORMED I/A/W FA	R 43 AFF
Gtx	327 CRS LN			NII: JYPE:	TESTELL
The tran		his aircraft has been tested	FAIREIER	Huidyne	20,00
in accord	dance with FAR 91-4	13 and FAR 43, appendix F	#2 ALTIMETER	United	Zapon
Alda	Whomthe	9-27-06	ENCODER (S)	so de Character Como consumente sociedades	20,00
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LANCASTER AVIONICS, INC.

LANCASTER AIRPORT 500-U AIRPORT ROAD LITITZ, PA 17543

ALTIMETER & STATIC SYSTEM EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

CUSTOMER: MIKE Wood

ACTYPE: 6R20 N#: 924DD

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CRS# LN7R261N

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6. Item	7. Description		rt Number	9. Eligibility •	10. Quantity	11. Serial/Batch Nu	mber	12. Status/Work			
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MAINTENANCE RECORD

F.A.R. 43.9

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DELOW.	AURICRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
27	323.0	Repaired #1 GNS 430, SN replacing Memory battery. Rese	I I AMPACTED AVIONICE INC
		Dated Time, Confirmed Setup pages	LITITZ PA 17543
		(+-acquised Sat's AU ons chys	DATE 9-19-07
		Ge-acquired Sat's AU ops chks OK. Details on File. W.D. 12982 Come	SIGNED Induly Knowles
	P/450 Tax - 1 Tax		
		,	
		A.	
	1 6 2 2	Control of the Contro	•

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE WORK PERFORMED/RETURNED
		v	
	MAKE: Cirrus MODEL: SR20 S/N: 1443 REG. NO: N924DD WORK ORDER: 461	Advanced Aircraft Services LP 500 Airport Road Suite D Lititz, PA 17543 Phone: 717-735-5179	DATE: 11/1/2007 A/C TSN: 336.1 HOBBS: 336.1
		R3 Rudder/Aileron Interconnect modification C/W SB 2 Adjusted the Co pilots door.	XX 52-07 R3 Cabin door rod
	Federal Aviation Regu	apponent(s) on N924DD was repaired and inspected in accordance lations and was found Airworthy for return to service. Pertinent defer No. 461, Dated 11/1/2007. SIGNED:	e with current FARs rules of the etails of the repair are on file at this Work Order: 461
		James J. Mazzanie, A&P: 2699478	Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

Air Co Ail	1443 3. NO: N924DD RK ORDER: 716	Advanced Aircraft Services LP 500 Airport Road Suite D Lititz, PA 17543 Phone: 717-735-5179	DATE: 9/23/2008 A/C TSN: 336.1 HOBBS: 336.1
Air Co Ail	1443 3. NO: N924DD RK ORDER: 716	500 Airport Road Suite D Lititz, PA 17543	A/C TSN: 336.1
Air Co Ail	1443 3. NO: N924DD RK ORDER: 716	500 Airport Road Suite D Lititz, PA 17543	A/C TSN: 336.1
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Air Co Ail	1443 3. NO: N924DD RK ORDER: 716	500 Airport Road Suite D Lititz, PA 17543	
Air Co Aile	frame Entries		
Co	moleted on Annua		
Aile	mpleted an Annua		MAD 09 03 16 Budder
CA		al Inspection using the Cirrus AMM check list ch. 5-20 CA PCW by SB 2X-27-14 R3 C/W AD 08-11-18 Heat Excha	inger insp (Due @ 461.1)
	M AD 08-14-13 C	phin Door Rod Ends C/W AD 08-06-28 R1 PFD Error, Ins	stalled supplement in POH
Po	placed the #2 Rat	teries Replaced the ELT Batteries Replaced the Fire E bascolator Replaced the #4 CHT probe Replaced both	xtinguisner Replaced trie
Do	positioned both of	ship door seals Renaired small cosmetic left and right top	Wind paint cracks by
001	nding out paint cra	ick, filling, priming and painting Recrimped the #6 EGT to serviced the brake fluid, cleaned, inspected and repacked	erminals. Serviced the tires,
hra	ake caliner O-rings	cleaned and inspected the fuel gascolator screen, comple	ted a light check, C/W FAR
91	.207 (d) ELT chec	k. All AD's current thru 08-19END-	
100	ertify that this AIRFR	AME has been inspected IAW an Annual Inspection and was found to	o be in Airworthy condition.
DA	TE: 9/23/2008	SIGNED ////////////////////////////////////	Work Order: 716
44-		Richard A. Barnhart II, IA: 3124994	Printed by EBis 3 (datcomedia.com)
-			
1			

		MAINTENANCE REC	CORD
		F.A.R. 43.9	
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & WORK PERFORME
		O Cirrus SR20 NG	
	Repaired	#1 GPS SysTem by rep	lacing ourn out
	Cirrus V Remount Glareshie Details or	# 1 GPS System by repeler for mon ting antenna under LAN ild. All ops Chrs or LITI of file. W.O. Ref. 1561 DAT SIG	CASTER AVIONICS INC CASTER AIRPORT TZ, PA 17543 E T- 20-10 ITIFICATE NO. LN7R261N NED Indus (Insultante
	MAKE: Cirrus MODEL: SR20 SR: 1443 REG. NO: N924DD WORK ORDER: 1387 Airframe Entries	경기 되고 있는데 이번에 가게 되었다면 하는 사이 보다 그리지 않는	DATE: 7/28/2010 A/C TSN: 430.4 HOBBS: 430.4
	Lubed Left and r	ight main gear brake caliper pins.	
	Federal Aviation Re	use component(s) on N924DD was repaired and inspected in ac agulations and was found Airworthy for return to service. Pe Order No. 1387, Dated 7/28/2010	
	DATE: 7/28/2010	SIGNED:	Work Order: 1387
		Days Hildebrand, IA: AP3289196IA	Printed by EBis 3 (datcomedia.com)

		F.A.K. 43.11-91.409	
-	ALRICRAFT TIME INSERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
	7.4 h-3	Production Flight Test accomplished in accordance with Cirrus Procedure #90500. Name: Rory Papenfuss Date DAUGO4 Signature: Mape Just	
		Title: Production Flight Test Pilot	6 16 16 16
	7.46	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated 08/11/04. The next inspection is due 08/31/05. LOREN L. THIBERT DMIR410173CE	

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVING AIRCRAFT TIME DATE AIRWAYS, INC. 520 AIRPORT RD LITITZ, PENNSYLVANIA 17543 LOG ID# 1729 26-August-2005 WO# 5116 REF# 5116 HOBBS 174.7 N924DD S/N 1443 CIRRUS **SR20** -AIRFRAME LOGCOMPLETED AN ANNUAL INSPECTION USING THE CIRRUS AMM CHECK LIST AS A GUIDE.

C/W SB 2X-57-05R1 AILERON HINGE BEARING AND GAP INSPECTION.

C/W SB 2X-25-07R3 DUAL INERTIA REELS INSTALLATION.

C/W SB 2X-53-02 BAGGAGE STRAP ADAPTER INSTALLATION.

REPLACED THE PAX LIGHT SWITCH ASSY, REPLACED THE RIGHT BRAKE LININGS, RESEALED THE LEFT BRAKE
CALIPER, REPACKED ALL WHEEL BEARINGS, REPAIRED THE RT STROBE MODULE GROUND WIRE, REPLACED THE
STROBE LAMP ASSY,
REPLACED THE NOSE GEAR UPPER BUMPER PUCKS, REPLACED THE ELT ASSY REMOVED S/N 049997 AND INSTALLE
S/N 47766, DRAINED ALL FUEL SUMPS, CLEANED AND INSPECTED FUEL GASCOLATOR SCREEN, REPLACED THE
INDUCTION AIR FILTER, SERVICED THE TIRES, SERVICED THE BATTERY, SERVICED THE BRAKE FLUID AND
BRAKES, COMPLETED A LIGHT CHECK. C/W FAR 91.207(D) ELT CHECK. ALL AD'S CHECKED THRU 05-16.--I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN

AIRWAYS, INC. 530 AIRPORT RD LITITZ, PENNSYLVANIA 17543 LOG ID# 2151 31-May-2006 WO# 5529 REF# 5529 HOBBS 244.7 N924DD S/N 1443 CIRRUS SR20

Pg 1/1

-AIRFRAME LOGC/W AD 2006-07-06 DETECT, PREVENT AND CORRECT DAMAGE TO FUEL LINE AND WIRE.
C/W SB 2X-25-17R1 CREW SEAT BREAK OVER BOLT PIN REPLACEMENT.
SECURED THE REAR WINDOW BLACK TRIM, SECURED THE FRONT HEAD LINER, REPLACED THE #1 ALTERNATOR FIELD CONTROL MODULE. RUN UP CHECKED GOOD.-END-

SIGNED A&P 2699478 JAMES J. MAZZANTE

Cianad TA2010106

	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE					
	265.8	Completed on Annual Inspection IN-Cimos Ammch. 5-20.					
		RepackED All Cheel Bearings, Replaced the Lett & Right Brake					
		CALIPER O-Rings & Blad brakes, Replace 17th LIH BrAKE LININGS.					
		Replaced the #2 BATTENES C/L-SB 2X-25-12R1 Interior tring					
		modification to hemolines only, ReplacED the left AND RIGHT					
		INBD Flap hinge FAIVINGS, Retargued Center Stud not on the					
		LH FUEL Sender, Replaceste STEP TREAD TAPE on Both					
ı		Steps DRAINED FUEL SUMPS, Services the tires, Services					
I		The Brake Floid lubred Air frame & Controls Completed A					
		Light check. Che FAR 91.207(d) ELT Check. ALL ADS					
		Cornert ASOF 9/28/2006 - END-					
		I Certify that this Aufame has been inspected new an Amount inspection and wins formed to be in Airworthy					
E		Annual inspection and wins found to be in Airworthy					
	100	Cardetia					
		IA 2849196 Doel A. Glover					

INSPECTION RECORD

DATE	AIRCRAFT TIME IN SERVICE		N - STATUS & DISCREPANCY LIST APPROVING OR DISSAPPROVING AIRCRAFT F
	S/N: 1443 REG. NO: N924DD	Advanced Aircraft Services LP 500 Airport Road Suite D Lititz, PA 17543 Phone: 717-735-5179	DATE: 7/23/2007 A/C TSN: 317.8 HOBBS: 317.8
	Airframe Entries Complied with SB A2	X-95-10R2 CAPS pick up collar replacement Comusted the exhaust spring tensions.	aplied with SB A2X-95-09R1 CAPS
	Strap abrasion Aujt	usted the exhaust spring tensions.	
	Maintenance Release		
	The aircraft and/or comp Federal Aviation Regulat	conent(s) on N924DD was repaired and inspected in accordant tions and was found Airworthy for return to service. Pertinent r No. 324, Dated 7/23/2007.	nce with current FARs rules of the t details of the repair are on file at this Work Order: 324
	The aircraft and/or comp Federal Aviation Regulat facility under Work Orde	tions and was found Airworthy for return to service. Pertinent r No. 324, Dated 7/23/2007.	t details of the repair are on file at this
	The aircraft and/or comp Federal Aviation Regulat facility under Work Orde	tions and was found Airworthy for return to service. Pertinent r No. 324, Dated 7/23/2007. SIGNED:	t details of the repair are on file at this Work Order: 324
	The aircraft and/or comp Federal Aviation Regulat facility under Work Orde	tions and was found Airworthy for return to service. Pertinent r No. 324, Dated 7/23/2007. SIGNED:	t details of the repair are on file at this Work Order: 324
	The aircraft and/or comp Federal Aviation Regulat facility under Work Orde	tions and was found Airworthy for return to service. Pertinent r No. 324, Dated 7/23/2007. SIGNED:	t details of the repair are on file at this Work Order: 324
	The aircraft and/or comp Federal Aviation Regulat facility under Work Orde	tions and was found Airworthy for return to service. Pertinent r No. 324, Dated 7/23/2007. SIGNED:	t details of the repair are on file at this Work Order: 324
	The aircraft and/or comp Federal Aviation Regulat facility under Work Orde	tions and was found Airworthy for return to service. Pertinent r No. 324, Dated 7/23/2007. SIGNED:	t details of the repair are on file at this Work Order: 324
	The aircraft and/or comp Federal Aviation Regulat facility under Work Orde	tions and was found Airworthy for return to service. Pertinent r No. 324, Dated 7/23/2007. SIGNED:	t details of the repair are on file at this Work Order: 324
	The aircraft and/or comp Federal Aviation Regulat facility under Work Orde	tions and was found Airworthy for return to service. Pertinent r No. 324, Dated 7/23/2007. SIGNED:	t details of the repair are on file at this Work Order: 324

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

Advanced Aircraft Services LP

Joel A. Glover, IA: 2849196

DATE: 9/5/2007 A/C TSN: 320.9 HOBBS: 320.9

Printed by EBis 3 (datcomedia.com)

500 Airport Road Suite D Lititz, PA 17543 Phone: 717-735-5179

rame Entries

Secured and recaulked both wing root fairing leading edge cuffs.... Retorqued the L/H fuel sender secured and recaulked both wing root fairing leading edge cuffs.... Retorqued the L/H fuel sender sender stud to specs.... Secured the flap switch handle.... Replaced the NLG upper bumpers.... Sanded down and bubble on the FWD side of the R/H stab, primed and painted.... Complied with SB 2X-27-14R2 and realieron interconnect modification.... Complied with SB 2X-52-04R2 Cabin door strut diverter stableton.... Complied with SB 2X-52-07R2 cabin door rod end replacement.... Complied with SB 2X-71-10 becather line insulation.... Complied with SB 2X-78-07 Heat exchanger inspection... Replaced the left and fight brake caliper O-rings and bled brakes.... Replaced the left main tire and serviced to specs....
Complied with AD 06-21-03 POH, Brake caliper overheat damage. Serviced the tires, serviced the battery, serviced the brake fluid Completed a leak check. C/W FAR 91 207(d) FLT check. All AD's current thru serviced the brake fluid, Completed a leak check. C/W FAR 91.207(d) ELT check. All AD's current thru 07-17.-END-

certify that this AIRFRA	AME has been inspe	cted IAW an Annual Inspec	tion and was found to b	pe in Airworthy condition.
DATE: 9/5/2007	SIGNED:	Doel A. G	lacer	Work Order: 373

KIND OF INSPECTION - STATUS & DISCREPANCY LISSIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT TIME DATE CIRRUS N92400 HOBBS 361,0 9-23-08 ADJUSTED BAROMETRIC SCALE OF UNITED, 59340-34.2436 S/N 439591 TO BRING ALTITUDE DIFFERENCE ERRORS WITHIT 25 FT. Upgraded SOFTWARE TO LEVEL 2.09 IAW S.B. #0545 IN GARMIN GTX327, S/N 83717453. Removed FOR FACTORY REPAIR ANDYNE PFD P/N530-00123-000, S/N 22918334 AND INSTALLED REPAIRED AVIDYNE PFD P/N 700-00006-000, 5/N22918334. VERIFIED ALTITUDE ENCODER CORRESPONDENCE WITH REPAIRED FD'S ALTIMETER IS

WITHIN I 126 FT. HE REQUIRED BY FAR91, 217. ALL WORK WAS PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIXE, MANUFACTUREDS

INSTRUCTIONS. PFD SETTINGS WERE VERIFIED AND LEAK TEST WAS

PERFORMED AND PASSED.

END

LANGASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 9-23-08 GERTIFICATE NO. LN78261 Walter

LANCASTER AVIONICS INC. CRS # LN7R261N LANCASTER AVIONICS INC

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

TESTED TO #1 ALTIMETER AVIDYNE SEE 8130 FORM 20,000 FT #2 ALTIMETER UNITED ACK ENCODER (S) 20,000 FT

STATIC SYSTEM TEST DATE 9-23-08 SIGN Rubard (1) SIGN Aubard (1) STATE 9-23-08 DATE 9-23-08

CRS # LN7R261N

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 GTX 327

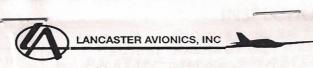
2 TRANSP N/A

L Approving National Aviation Authority/Country FAA Form 8 130-3, ARWORTTHE SO APPROVAL TAG **FAA/Linited States** 5 Work Order, Contract, or Involve House Organization Name and Address TEL 321-821-5224 9003590 FAX: 321-821-5203 Avidyne Corp. 202 West Dr. Melbourne, FL, 32780 III. SERIALBATCH NUMBER 12. STATUSAVORIE 10. QUANTITY 9 FLIGIBILITY 7. DESCRIPTION 18. PART NUMBER Modified 22918334 N/A 700-00006-000 PED II REMARKS The task Specified has been accomplished in accordance with 605-00128-004 REV 02. And tested IAW 630-00129-000 REV 21 Refer to Returned Material Authorization (RMA 9003590) for service details. This article has been tested and inspected and found to comply with appendix E of 14 CFR 43 in accordance with 14 CFR 91.411 Other regulation specified in Block 13 19. X 14 CFR 43.9 Return to Service 14. Certifies that the Items identified above were manufactured in conformity to: Certifies that unless otherwise specified in Block 13, the work identified in Block 12 Approved design data and are in condition for safe operation and described in Block 13 was accomplished in accordance with Title 14, Code of Non-approved design data specified in Block 13. Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 21. Approval/Certificate No. 20 Authorized Signature: 16. Approval/Authorization No.: Authorized Signature: 1VAR161B 23. Date: 22. Name (typed or printed) 18. Date (m/d/y) Name (typed or printed): John P Rains 9/10/2008 User/Installer Responsibilities Its important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. * Installer must cross-check eligibility with applicable technical data. FAA Form 8130-3 (6-01) (Computer Generated) 0



AIRCRAFT TIM		109	TSTIST	
IN SERVICE	PROP MODEL: PROP SN: REG. NO: N924DD WORK ORDER: 716 Prop.Filities Completed an Annua serviced but	Advanced Aircraft Services Li 500 Airport Road Suite D Littz, PA 17543 Phone: 717-735-5179 Il Inspection using the Cirrus AMM check s current thru 08-19. END. LER has been inspected IAW an Annual Inspection SIGNED: Richard A Barnhart L. A. 3124994	P SER	DATE: 9/23/2008
A	16-08 Cirrus SRZO Ljusted Contrast & 7121822, Replace	N924DD Hobbs Setting on #1 GNS	Printed by EBis 3 (datcom	odition.
C. U. #.	ontrast setting or Ograded S.W. Level 3.01 to 5,03#3 Osch45 OK-Detail (e. W.O. Ref 138)	15 on both whits LANCASTER A O3 AU LANCASTER A LITITZ, PA 175	- 10-97121734. — 	

INSPECTION RECORD HOBBS=372,9 NZ4900 10-1-09 CIRRUS ADJUST BAROMETRIC SCALE OF UNITED ALTIMETER
P/N 5934P-3A243G 5/N 439591, UPGRADED S.W. OF GTX327 DR SERI
TRANSPONDER, P/N 011-00490-00, 5/N 83717463 TO LEVEL
2.10 PER S.B. #0809, RAMPTESTED GTX327, IAW. FAR 91.
413 AND PART 43 App. F. ALL TESTS PASSED. UPGRADED MAINS, W.,
GNS 430 P/NO11-0280-10, 5/N 97121822, AND GNS 430 P/NO11-00280-10, AIRC DATE SIN97121754, PER S.B. #0844. ALL WORK WAS PERFORMED IAW. THE MANUFACTURERS INSTRUCTIONS. LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 10-1-09 CERTIFICATE DO LN7R2610 SIGNED Schord H. N2490D HOBBS = 372.9 CIRRUS LANCASTER AVIONICS INC LANCASTER AVIONICS INC. CRS # LN7R261N **CRS # LN7R261N** I CERTIFY THAT THE ALTIMETER, ENCODER AND CERTIFY THAT THE TRANSPONDER (S) STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 TEST REQUIRED BY FAR 91.413 HAS BEEN HAVE BEEN PERFORMED I/A/W FAR 43 APPENDIX E PERFORMED I/A/W FAR 43 APPENDIX F TESTED TO TYPE #1 ALTIMETER AVIDYNE PFD 20,000 UNIT #1 TRANSP GTX 327
2 TRANSP N/A
SIGN Richard A. The 20,000 #2 ALTIMETER UNITED ENCODER (S) ACK ENCODER (S) ACK 20,000'
STATIC SYSTEM TEST DATE 10-1-09
SIGN Acchery 1. STATE DATE 10-1-09 statle DATE 10-1-09 SIGN Bachard U. SlaverATE 4-23-00 DAIL



-01	Customer:	ADVANCED SERY	AIRC	RAFT Aircra	CIDDI	25	CATAL ST	N#:	N2	94 D	D
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_	ot Altimeter	1 2				rechnicial	As	ellar	(Signatu	LENS ITE	MU
Encoc		+ ×	1	1		Date	-	10-1			

(717) 569-1953 Phone (717) 569-1722 Fax

Lancaster Avionics Inc. 500-U Airport Rd Lititz, PA 17543

CRS# LN7R261N

RECORD

HOBBS = 372,9 OF UNITED ALTIMETER UPGRADED S.W. OF GTX327 S/N83717453 TO LEVEL TO GTX327, IAW. FAR 91. PASSED. UPGRADED MAINS, W. AND GNS 430 P/NOII-00280-10 LL WORK WAS PERFORMED STRUCTIONS .V

HOBBS = 372.9

CASTER AVIONICS INC CRS # LN7R261N

FY THAT THE TRANSPONDER (S)
REQUIRED BY FAR 91.413 HAS BEEN DRMED I/A/W FAR 43 APPENDIX F

TANSP GTX 327
RANSP N/A
RICHARD A. THE TYPE

Statle 10-1-09

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 AIRCRAFT TIME IN SERVICE DATE: 10/30/2009 A/C TSN: 372.9 HOBBS: 372.9 Advanced Aircraft Services LP 500 Airport Rd. Suite D Lititz, PA 17543 Phone: 717-735-5179 **Airframe Entries** ٧. Completed an Annual Inspection using the Cirrus AMM check list ch. 5-20.... Due to aircraft brakes catching fre on both main gears the following parts were replaced with new parts. Replaced the landing gear struts, main axles, MLG fittings, Wheel assemblies, brake calipers, brake linings, upper and lower wheel pant brackets, grommets, rigid brake line, flexible brake line, tube, tires, main wheel pants, center fairings and all associated hardware. No damage to underside of wing noted.... Cleaned corrosion from the negative battery terminal and neutralized.... Replaced three worn out nose pucks.... Replaced the #2 alternator adaptor plate O-ring.... C/W SB 2X-32-18R4 Nose landing gear upper gusset plate and attach point arms inspection.... C/W SB 2X-71-10R2 Oil breather line insulation sleeve installation.... Complied with AD 08-11-18 Heat exchanger inspection.... Replaced the tach generator with an overhauled tach generator.... Replaced torn well nut on the left side upper mushroom fairing... Serviced all tires, Serviced the brake reservoir and bled brakes, Serviced the battery, Cleaned and inspected the fuel gascolator bowl, Completed a light check, C/W FAR 91.207 (d) ELT check. All AD's current thru 09-21/-END-I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition. DATE: 10/30/2009 SIGNED: Work Order: 1074 Richard A. Barnhart II, IA: 3124994 Printed by EBis 3 (datcomedia.com)

		r.A.K. 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 SERVING
		M924DD 11-5-09
		APrirame Log Entry
		AVIATION, INC. 373.6 Hobbs Tame
		York Airport P.O. Box 2587 Replaced africaft
		York, PA 17405 battery with a new
		6-243 unit, David Doeson
		ENDENTRY - IA3344158 -

INSPECTION RECORD

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS SIGNATURE — CERT. NO. OF PERSON APPROVING	
	MAKE: Cirrus MODEL: SR20 S/N: 1443 REG. NO: N924E WORK ORDER:	1267 Phone: 717-735-5179	DATE: 5/7/201 A/C TSN: 425. HOBBS: 425.
	Airframe En Replaced line checked OK	e cutters, new expire date: 3/2016 Replaced pilots PTT swii	tch. Ops checked ok Ops
	Maintenance R The aircraft an Federal Aviatio	d/or component(s) on N924DD was repaired and inspected in accordance produced to the second s	nce with current FARs rules of the
A.c.	facility under W	Non Order No. 1207, Dated Britzoria.	details of the repair are on file at this Work Order: 1267
		P	Printed by EBis 3 (datcomedia.com)

	F.A.R. 43.11-91.409
AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
0 436.9	I certify that this Airframe has been inspected.
	In accordance withan Annual inspection and
	was determined to be airworthy, Tested ELT
	as per FAR91,2078. Next ELT battery replacement
	due mar 2011, Replaced air felter and NO4.
	CHT probe with new units, serviced and lubed.
	airframe and gear, AD08-11-18 Exhaust System-
	Inspected. Due each wohrs, ADO9-26-01 ant?
	sce lines - NA by MN. David Doerson.
-	- ENDENTRY - I A 3344158 -
The second second	

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

McCREERY AVIATION CO., INC.

23 MAY 2011 DATE: REG. NO.: N924DD **CIRRUS SR20** MODEL: S/N: 1443

AVIONICS DEPARTMENT P.O. BOX 1659 McALLEN, TEXAS 78505

TACH/FHM: ACTT: W.O. #

Kenl

REPLACED MAGNETOMETER.

PN ON: 700-00011-000 SN ON: 23949 PN OFF: 700-00011-000 SN OFF: 20918
AVIDYNE PFD REPAIRED BY AVIDYNE CORPORATION, FAA CRS 1VAR161B. REFERENCE WOR ORDER NUMBER 9014198.

THE AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCOUNT WITH CURRENT FEDERAL AVIATION REGULATIONS, DETERMINED TO BE IN AIRWORTHY CONDITIONS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THE STATION UNDER THE ABOVE WORK ORDER NUMBER.

SIGNED:

CHARLES A. REA

FOR FAA REPAIR STATION HLFR716E

						Form Tracking Number:	
						9014198	
	1. Approving National Aviation	AUTHORIZE	DRELEASE	CERTIF	CATE	Work Order/Contract/Invoice	
		AUTHORIZE	D RELEASE	APPROVAL TAG	S. N	9014198	
	FAA/United States 4. Organization Name and Address	The second control of	24 (Phone: 321.751.84	11 Fax:321.751	.8435) 11. Serial/Batch Number	r: 12. Status/Work:	
	4. Organization Name and Address	North Drive Melbourne FL 32	9. Eligibility: *	10. Quantity:	22918334	See block 13	ANCY LIST
=_	6. Item: 7. Description:	8. Part Number:	N/A	1			PPROVING AIRCRAFT F
3 -	1 Primary Flight Di	700-0006-000 dance with Repair manual 600 D. 2008-06-28 may apply with		. 04	M Temporary Revision	Sheet 605-00128-	
	13. Remarks:		-00128-004rev02 section	ns 1-11, and PM eturned Material	Authorization 901419	8. ct to that order the	
	1 Repaired in Congress of the	work specified in selease to so asidered ready for release to so seen tested and inspected and	found to comply with ap	pendix E or 14 O	. 🗵	ther regulation specified in Block 13	TACH/FHM: ACTT: W.O.#
		Contract of the Contract of th	19.	Certifies that unless	otherwise specified in Block ick 13 was accomplished in a	ither regulation speed. 13, the work identified in Block 12 ccordance with Title 14, Code of at work, the items are approved for	
	It comments			Federal Regulations return to service.	, part 43 and to	21. Approval/Certificate No.:	
E 7 -	C Approximation		20.	Authorized Signatur	re:	1VAR161B	DFF: 20918
		Section 1		ml	Shingel	23. Date (m/d/y):	161B. REFERENC
	15. Authorized	All the	27	- dor Pr	inted):	May/13/2011	
				Maurice	Shomgard Jr.		
	17. Name (II)		User/Installer Re	sponsibilities	t/component/ass	embly.	INSPECTED IN
-			does not automatically con	stitute authority to in	erent than the airworthiness	authority of the country specified in	WORTHY COND
	to is important to understa	nd that the existence of this document a erforms work in accordance with the ne the user/installer ensures that his/her s nd 19 do not constitute installation cert to user/installer before the aircraft may	ational regulations of an airwor	thiness authority dis- parts/components/ass	emblies from the airworth	of Gention issued in accordance with	RE ON FILE AT
E .	Where the user/installer p	erforms work in accordance that his/her a the user/installer ensures that his/her a	irworthiness authori	naintenance records r	nust contain an installation (NSN: 0052-00-01	2,9005
	Block I. It is control Block I.	anctitute installation cert	ification. In an	The state of the same		NSN: 0032-00-01	
E -,	Statements in Blocks 14 a national regulations by th	and 19 do not constitute installation cert ne user/installer before the aircraft may *Installer must cross-check to	digibility with applicable technical	al data.			
	LAA Form 8130-3 (6-01)	*Installer must cross and					
877			ES A. REA				
		FOR FAA REPAIR	STATION HLF	R716E			
7		ORTAGE	A CONTRACTOR AND ASSESSMENT				
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AIRCRAFT TIME IN SERVICE

2011-13270

EWORK

DOORDANCE TION, AND IS THIS REPUR KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT PO

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N LOG ID# 2712 20-October-2011 WO# 16743 AC TT 493.4 HOBBS 493.4 N924DD S/N 1443 CIRRUS DESIGN CORP. SR20

Pg 1/1

**** ITEM # 16743-1 C/W 2YR IFR CERTS ****
DISCREPANCY: C/W 2YR (1)STATIC/(2)ALT/(1)MODE-S XPDR/(1)ENC CERTIFICATION.
ACTION: COMPLIED WITH FAR 91.411 AND FAR 43, APPENDIX E ALT./ENC./STATIC SYS CERT. COMPLIED WITH FAR 91.413 AND FAR 43, APPENDIX F 2YR TRANSPONDER CERT.

**** ITEM # 16743-2 ADJUST ALTITUDE ENCODER ****
DISCREPANCY: ALTITUDE ENCODER READOUT EXCEEDS ALLOWABLE TOLERANCE.
Model: A-30 Serial#: 90997
ACTION: ADJUSTED ENCODER READOUT WITHIN ALLOWABLE TOLERANCE UP TO 20,000 FT.

**** ITEM # 16743-3 REPAIR #1 GNS430 ****
DISCREPANCY: UNIT DISPLAYS LOW BATTERY WARNING.
Model: GNS430 Part#: 011-00280-10 Serial#: 97121822
ACTION: REPLACED MMEMORY BATTERY. UNIT FINAL CHECKS I.A.W. GARMIN 400 SERIES MAINTENANCE MANUAL, P/N 190-00140-05, REV. B.

**** ITEM # 16743-4 REPAIR 55X AUTOPILOT ****
DISCREPANCY: AUTOPILOT S-TURNS WHEN CAPTURING A COURSE.
Model: 55X
ACTION: OPS CHECKED AND VERIFIED FAULT. FOUND AUTOPILOT NULLS ARE OUT OF TOLERANCE. ADJUSTED NULLS,
AUTOPILOT RAMP CHECKS GOOD.



CRS# LN7R261N SCOTT KUHNS

INSPEC F.A.R.

AIRCRAFT TIME IN SERVICE

SIGNATURE – CERT. NO

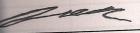
		The state of the s
A	MONICS INC	500-U AIRPORT
INCASTER A	on October 20	11 WO# 16743
		S DESIGN CORF
124DD S/N	1443 CIRRU	3 DESIGN COM

TIEM # 16743-1 C/W 2YR IFR CERTS ****
SCREPANCY: C/W 2YR (1)STATIC/(2)ALT/(1)MOI
TION: COMPLIED WITH FAR 91.411 AND FAR 43,
1.413 AND FAR 43, APPENDIX F 2YR TRANSPONI

TIEM # 16743-2 ADJUST ALTITUDE ENCODE SCREPANCY: ALTITUDE ENCODER READOUT EXCEE 201: A-30 Serial#: 90997 TION: ADJUSTED ENCODER READOUT WITHIN ALL

TIEM # 16743-3 REPAIR #1 GNS430 ****
SCREPANCY: UNIT DISPLAYS LOW BATTERY WARN
CEL GNS430 Part#: 011-00280-10 Serial#
TION: REPLACED MMEMORY BATTERY. UNIT FINA
0-00140-05, REV. B.

TIEM # 16743-4 REPAIR 55X AUTOPILOT CEPANCY: AUTOPILOT S-TURNS WHEN CAPTURES S5X
TOWN: OPS CHECKED AND VERIFIED FAULT. FOR THE PAULT FOR THE P



LN7R261N SCOTT KUHNS

(A)	LANCASTER AVIONICS, INC	
C		

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

	Customer:	MIKE WOOD Aircraf			1 (10	1 (1001) (/-			N924DD	
						Test Alt			Co-Pilot	
imeter	Manufacturer	Part Num	ber	Serial Number	Test Cellin	29,000	Down Diff		Up Down Diff	
ot	AVIDYNE	530-001Z	3-000	2291833	System Le	ak 10 FPM		Tol		
-Pilot	UNITED	5934-3A.243G		G 439591	Hysteres	s: 10,000	N/A	+/- 75	-10 +20	
coder	A.C.K.	A-30		90997	50%	10,000	NA		+10 12	
					40%	8,000		+/- 75	-5 +20 +2	
					After Effe	ct O	<u></u>	+/- 30	#10 +25 +15	
rror	Pilot	Co-Pilot	Tol	Encode	r 125'		Fric	tion		
1000	-15	+5	20	N/A	-95	2000000	Pilot	Tol	Co-Pilot	
zero	- 15	+10	20	-60	45		N/A	70	30	
500		+5	20	440	54		1	70	30	
1000	-15	+10	20	945	104			70	30	
1500	-15	+10	25	1435	154			70	30	
2000	-15	+15	30	1940	204			80	40	
3000	-10	+10	30	2940	304		1	90	40	
4000	-15	+5	35	3945	404	20000	V	100	50	
3000	-20	0	40	5930	603	5 25000		120		
3000	-20	-5	60	7940	804	30000		140		
0000	-20	-10	80	9930	10030	35000		160		
2000	-20	-15	90	11940	1204	40000		180		
1000		-10	100	13935	1403			250		
0000	-30	-5	110	15925	1602		Pressure - Alt [Diff. To	+/- 25	
3000	-35	0	120	17925	1802		Pilot	Tol	Co-Pilot	
0000	-35	+15	130	19920	20020	-	-1740	- 1727	-1725	
2000			140			28.50"	-1352	- 1340	-/335	
5000			155			29.00"	-880	- 863	- 855	
0000			180			29.50"	-405	- 392	-390	
0000			205			29.92"	-15	zero	+10	
0000			230			30.50"	510	+ 531	530	
0000			255			30.90"	875	+ 893		
1000		DACC	200	EAU WA		30.99"	960	+ 974	985	
ilot Altimeter		PASS		FAIL		Technician:	Alabara	10	Halles	
o-Pilot Altimeter		>				, commodan.	Account	Signature	e)	
ncoder		*				Date:	10-19-11		1	

500-U Airport Rd Lititz, PA 17543

CRS# LN7R261N

KIND OF INSPECTION - STATUS & DISCREPANCY LIST (TURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SE											
TTORLE	CEMITIO			id oil bios	7 H T NO TIME	, , unterm u	. 011 01				

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N LOG ID# 2750 10-November-2011 WO# 16800 AC TT 496.3 HOBBS 496.3 N924DD S/N 1443 CIRRUS DESIGN CORP. SR20

**** ITEM # 16800-1 REPAIR TRAFFIC SYSTEM ****
DISCREPANCY: TRAFFIC SYSTEM DISPLAYED FAILED MESSAGE ONE TIME.
ACTION: OPS CHECKED COULD, NOT DUPLICATE REPORTED FAULT. PERFORMED ANTENNA RECALIBRATION. TRAFFI SYSTEM RAMP CHECKS GOOD.

INSPECTION RECORD F.A.R. 43.11-91.409

**** ITEM # 16800-2 CANNOT XMIT ON EITHER COMM ****
DISCREPANCY: CANNOT TRANSMIT ON EITHER COMM FROM PILOT'S SIDE. OK WHEN TRANSMITTING FROM COPILOT SIDE.
ACTION: REPLACED PILOT'S PTT SWITCH. RAMP CHECKS GOOD.

SIGNA



AIRCRAFT TIME IN SERVICE

DATE

CRS# LN7R261N SCOTT KUHNS

DATE AIRCRAFT TIME IN SERVICE

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

11-17-11 N924DD Africame Log Entry
496Lo T.S. New, I certify that this
has been inspected in accordance
Annual inspection and was determined
Replaced ELT batteries, Next ELT batter
due March 2017, Tested ELT as per
Replaced nose wheel bearings, Service
airframe and gear, AD 08-11-18
Inspected, Due each 100hrs, Repeated
wiring, — END — Dand