**N617DA** 

## AIRCRAFT LOG AF5-1

PPG

PPG Industries, Inc.

PRIMER

K36

PRIMER

COLOR

FBC 92813

COLOR

COLOR

GLEAR

F3905

### AIRCRAFT DESCRIPTION

MANUFACTURER	rrus 1	Desian	Corp.	MODEL	5R20		DATE OF MFG. Oct. 2007
5ERIAL NUMBER							•
REGISTERED OWNER							Inspection Status (Check one)
STREET ADDRESS						П	F.A.R. 91.409 ANNUAL/100 HÖUR
CITY, STATE, ZIP							d
OPERATOR							F.A.R. 91.409 PROGRESSIVE
STREET ADDRESS							6
CITY, STATE, ZIP						ļ.,,	
REGISTERED OWNER							F.A.R. 135.419 A.T.C.O.
STREET ADDRESS							
CITY, STATE, ZIP							OTHER
OPERATOR						DATE E	NTERED
STREET ADDRESS						2	MAINTENANCE RESPONSIBILITY
CITY, STATE, ZIP'							

**INSTALLED EQUIPMENT** 

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors	IO-360-ES	: 360524
ENGINE			R L
PROPELLER	Hartzell Propeller Inc.	BHC-JZYF-18F	EF476B
PROPELLER			
ENGINE	4		
ENGINE	0.8		
PROPELLER			
PROPELLER	-11		
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER		2.1	
	as		

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

ME OF ART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIF OR T.B.	MIT REMO	VAL	AGENCY CERT. NO.
		-		+>				
			Life Limi	ited Parts	SR20			
		PART NAME	PART NUMBE	R		EXPIRES		
		CAPS Rocket Motor	21814-00		-16	08/17		
		CAPS Parachute	20332-00	- 100		09/17		
		CAPS Recting Line Cutters	5212	LOT 70		07/13		
		ELT Batteries	MN1300		illed <b>/07</b>	Mar 201	3	
	<u>{</u>	EMA Controller. AAIR	20902-00	107	JUN07-	JUN 2014		
		Pilot Seat Inflator Assy, AAIR	20902-002	S/N ##:	336 336	7/1/2019	7=	
		Co-Pilot Seat Inflator Assy, AAIR	20902-002		1 1654	7/1/2014	, =	
		T -		Í		-		
				×				

#### AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD DATE & HRS. A.D./BULL. ITEM METHOD OF TYPE OF A.D. NEXT COMP. **AUTHORIZED SIGNATURE** NUMBER AFFECTED AT COMP. COMPLIANCE 1 TIME/RECUR. DATE/HRS./CYCLE CERTIFICATE NO. 10-16-07 Searched AD's through bi-weekly issue 2007-21 . All AD's are in compliance at this time. MAKE Cirrus Cirrus Design Factory Service Center DATE: 5/9/2008 MODEL SR20-G2 A/C TSN 5.1 Repair Station No. YD5R855Y S/N: 20-1867 HOBBS 5.1 4515 Taylor Circle REG NO 617DA Duluth, MN 55811 WORK ORDER: Phone 218-788-3101 10142-10-2007 **AD Entries** (9) Researched all AD's through bi-weekly 2008-09 and Cirrus MSB through 04-21-08 and found all AD's and MSB's to be in compliance at this time (11) Complied with AD 2008-06-08 (Avidyne PFD) by installing (APPENDIX TO AD 2008-06-28 LIMITATIONS REGARDING AVIDYNE FRIMARY FLIGHT DISPLAYS) in the limitations section of the POH. PFD S/N 20027377.... (12) Complied with CDC SB 2X-52-07R4. Cabin Door Rod End Replacement, by installing improved hardware and upper hinge pin, IAW SB Instructions .... (14) AD 2008-03-16, Rudder/Aileron Interconnect Modification. Does not apply due to A/C SN. 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 YEARS DATE: 5/9/2008 SIGNED: Work Order: 10142-10-2007 Steven LaMourea/ Printed by EBis 3 (datcomedia.com) Certified Repair Mon No. YD5R855Y

### AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

JLL.	U/ III					TURE
BER	MAKE Cirrus MODEL SR20-G2 S/N: 20-1887 REG NO: 617DA WOR: FIDER 11210-05-2008	CIRRUS	Cirrus Design Factory Serv Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3101	rice Center	DATE, 5/14/2008 A/C TSN: 11, 1 HOBBS: 11, 1	
	AD Entries Researched AD's thru this time	ı current Bı-Week	y 2008-10 AD 2008-06-28R1, Awdyne PFD	has been P/C/W by AD 200	3-06-28. All AD's are in compliance at	,
	was repaired/inspected in details of repair are on fil	n accordance with e at this Certified f	the accompanying discrepancy forms. The current requirements of the Federal Amation Repair Station CRS 17 88	aircraft, airframe, aircraft engi i Administration and is approv	ed for return to service. Pertinent	
	DATE: 5/14/2008		en LaMoures		Work Order: 11210-05-2008 inted by EBis 3 (datcomedia.com)	
L		Cert	fied Repar Station No. YD5R855Y			
				1		

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

LOCATION

SERIAL NO.

RECHECK

REQUIRED

MAX. ALT.

APPROVED BY:

CERT. NO.

AGENCY

MANUFACTURER

MODEL

DATE

					- Integration	AGENCI	CENT. NO.
and 91.4 With AC TES Tra Enc Alti CD0 Cirr	altitude re 413, & 91 hin the lim 43-6B. STED TO Insponder: Mod Coder: Mod Imeter: Mi  (P	he altimeter, porter test re 217 have bee its of FAR 4.  18,000 : MfgGam lel: GTX-32 del _ACK fg Avidyne PFD) 15222*0 Assurance_ Corporation	required by Factor performed a appendices  FEET ON 13  FEET ON 14  FEET ON 14  FEET ON 14  FEET ON 15  FEET ON 15	AR's 91.41 and found E & F and 5587-050 372769 /N 1082	9 -		

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

				RADIO & E	LECTRONIC CH	ECKS	
DATE MANUFACTURER MODEL SERIAL NO. LOCATION MAX. ALT, RECHECK AP AGENCY		ATE TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
	Test Setting Instrument Reading 14000 15934 18000 179740 22000 199740 22000 199740 25000 35000 40000 45000 50000 50000	LANCASTEL LOG ID# 15: N617DA  **** ITEM # DISCREPANCY: Part#: XMD07 ACTION: REMC 816000458. F AFTER REPAIR  **** ITEM # DISCREPANCY: Model: EXSOC ACTION: UPDA  **** ITEM # DISCREPANCY: Model: GNS43 Upgraded bot in accorance	CHECKED  CR AVIONICS, IN 21 09-June-20 S/N 1867 CI  13754-1 REPA: REPORTED: XM 76A-01 Serial: OVED FAULTY XM REACTIVATED XM R.  13754-2 UPDA: REPORTED: UPI 00 Serial#: 20 ATED MFD SOFTW 13754-3 UPDA: REPORTED: UPI 30 th Garmin 400W e with Garmin 190-00356-03	CHECK  IC. 500-U AIRPORT RO 108 WO# 13754 AC RRUS DESIGN CORP.  IR XM WX RECEIVER - C WEATHER INOP UNLESS #: 816001708 RECEIVER, S/N 816001 WEATHER FOR EXCHANGE  ITE MFD SW - CIRRUS WA DATE MFD SOFTWARE TO 10066357 ARE TO RELEASE-7.  ITE GNS430 SW - CIRRUS DATE GNS430 SW - CIRRUS DATE GNS430 SOFTWARE  Series units Main so Service Bulletin #080 in POH/10FM. Ops check	RESULTS  OAD LITITZ, PA 17543 IT 35.9 HOBBS 35.9 SR20  IRRUS WARRANTY **** REFRESHED BEFORE EVER 708. INSTALLED WARRAN RECEIVER. XM WEATHER RRANTY **** RELEASE-7.  WARRANTY **** TO V3.10. ftware to version 3.1 8 Rev a Removed Garm ed good.	B CRS# LN7R261N RY FLIGHT. RY FLIGHT. RY PEXCHANGE XM RECE	Pg 1 / 1  EIVER, S/N HECKS GOOD

### **RADIO & ELECTRONIC CHECKS**

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
	Transpond has been Appendix Workorde Signature	der P/N: 5 tested in acc F to comply er No. 784	rx330 , S/N cordance with FAR P with FAR 91.413.  Date	: <u>४५।३०२७</u> eart 43		

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

E OF			DATE: 5/9/2008	E NO.
LE	MAKE Cirrus	Cirrus Design Factory Service Center	A/C TSN: 5.1	D TO SERVICE
	MODEL: SR20-G2 S/N 20-1867	Repair Station No. YD5R855Y	HOBBS 5 1	
	REG NO: 617DA	4515 Taylor Circle Duluth, MN 55811		- 5
	WORK ORDER: 10142-10-2007	Phone: 218- 788-3101		
	Airframe Entries	1	and an account of the second of the property of the second of	
	Upgraded PFD P/N 15222- AMM 34-20. (6) Installed accordance with Cirrus SB 84130200. Removed the ra 2X-34-09 R3 Functional cf 190-00207-02 Rev. K Date salisfactory (8) Installed	craft inspection per RSM Form 21.F1(2) Removed PFD P/N 15222-008 S/N 20027377 IAW SR20 AMM 31-60. Functional check satisfactor garnet stripe kit and N#'s IAW 51-20 and 11-20 CDC AMM(7) Installed 32-34-09 R3. Removed Garmin 327 transponder P/N 13587-050 S/N & idio rack P/N 17459-401 S/N752031 and installed a new radio rack P/N heck satisfactory. Enabled the Garmin TIS traffic system IAW the Garmin 400 Sense Installation Manual P/N 190-00 XM Weather Kit P/N 70089-006 IAW SB 2X-34-06 R6. Installed XM au 4-004. Installed XM/GPS. antenna P/N 12744-005 S/N 235350, XM Rec satisfactory. Updated the POH(15) Updated Weight and Balance for TUS SR20 POH section 6.	id Mode S Transponder kit P/N 70080-001 in 33729899 Install Garmin 330 P/N 15966-050 S/N 15976-405 S/N797751 in accordance with Cirrus SB in GTX 330 Transponder Installation Manual P/N 140-02 Rev. Q Dated October 2005. Functional check dio Kit P/N 70118-001 IAW SB 2X-34-14 R1. Removed	
	uon congredinenceded in	this aircraft and the accompanying discrepancy forms. The aircraft, airf accordance with current requirements of the Federal Aviation Administrate at this Certified Repair Station CRS YD5R855V	rame, aircraft engine, propeller, or appliance identified stion and is approved for return to service. Pertinent  Work Order: 10142-10-2007	
I	DATE: 5/9/2008	SIGNED:		
-		Steven LaMourea Certified Repay Station No YD5R855Y	Printed by EBis 3 (datcomedia.com)	
			DATE 5/14/2008	1 - 2
	MAKE Cirrus	Cirrus Design Factory Service Cent	700 1014 111	-
1	MAKE Cirrus MODEL SR20-G2 S/N 20-1867	Repair Station No. YD5R855Y		
	MODEL SR20-G2 S/N 20-1867 REG NO 617DA	N 76/	A/C TSN 11 1	
	MODEL SR20-G2 S/N 20-1867	Repair Station No. YD5R855Y 4515 Taylor Circle	A/C TSN 11 1	
-	MODEL SR20-G2 S/N 20-1867 REG NO 617DA WORK ORDER 11210-05-2008	Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3101	A/C TSN: 11.1 HOBBS: 11.1	
	MODEL SR20-G2 S/N 20-1867 REG NO 617DA WORK ORDER 11210-05-2008 Aufraine Entries (3) Installed CMax on MFD M Setup (IAW SID 973A). (8 transponder antenna at FS 2	Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone, 218-788-3101  AW Manufactures Instructions and CDC SR20 MM 31-60 (7) Advisor Relocated the Transponder antenna IAW CDC repair deviation Ref. (7) 5, and routed new RG400 transponder antenna cable IAW Standard	A/C TSN: 11.1 HOBBS: 11.1  mixture rise and perform SID 97-3A Fuel Pressure Drilled new mounting hole and secured new maintenance practices and CDC RD	
	MODEL SR20-G2 S/N 20-1867 REG NO 617DA WORK ORDER 11210-05-2008 Aframe Entries (3) Installed CMax on MFD M Setup (IAW SID 973A). (8) transponder antenna at F5 2	Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone, 218-788-3101  AW Manufactures Instructions and CDC SR20 MM 31-60 (7) Advises	A/C TSN 11.1 HOBBS: 11.1  A/C TSN	
	MODEL SR20-G2 S/N 20-1867 REG NO 617DA WORK ORDER 11210-05-2008 Aframe Entries (3) Installed CMax on MFD M Setup (IAW SID 973A). (8) transponder antenna at F5 2	Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone 218-788-3101  AW Manufactures instructions and CDC SR20 MM 31-60 (7) Addition Relocated the Transponder antenna IAW CDC repair deviation Repair 71.5, and routed new RG400 transponder antenna cable IAW Standard as aircraft and the accompanying discrepancy forms. The aircraft, airfra	A/C TSN 11.1 HOBBS: 11.1  A/C TSN	

### MAINTENANCE RECORD

11 11 02 2 N/17DA 4/2/1000	COMPLETI
Hobbs: 83.3 N617DA 4/2/2009  I certify that this Aircraft has been inspected I.A.W a Cirrus SR20  Annual Inspection and was determined to be in airworthy condition. Only those items specified above have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.  J. Lin AHMI 1086011	COMPLET
Montgomery County Aviation LLC.	Airfi REG: WO#
	DATE
	1, 2,
	I certify airwort
	Authorize License

#### MAINTENANCE RECORD F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

REG#	N617DA	MFG	Cirrus	MODEL	SR20	S/N	1867	$\neg$
WO#	90920	A/C TT	181.0	HR METER	181.0			
DATE	09/29/09		_				_	-1
Pe	-fa		.' 7 4 3 3 3	Cirrus AMM.				

AIRCRAFT TIME IN SERVICE

# MAINTENANCE RECORD F.A.R. 43.9

DATE (

	Ą				_		CERTIFICAT /RETURNEI	E NO. D TO SERVICE
Airfram		2=	nery Cou F 🕻 🔾 🛭	rity			CIRRUS	
REG# WO#	N617DA 10202	MFG A/C TT	Cirrus 281.0	MODEL HR METER	SR20 281.0	S/N	1867	
WO# DATE	10202 02/01/10	A/C TT	281.0	HR METER	281.0			
2 (0	muliad with	100 hour	hibrication	V Cirrus AMM. requirements IA Balanced Tires	W Cirrus and service	AMM. ced Bearin	gs	
I certify that be in airwor	t this Air cra	aft has been	n inspected	IAW a 100 Hou	r inspection	on and wa	s determined to	

### MAINTENANCE RECORD

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		Inspected installation of new #2 Bateries. Batter 2010. Only those items specified above have been found to be Airworthy. No other representation Airworthiness is expressed or implied.  J. Jan. Montgomery County Aviation LLC	en inspected and

### MANINTENIANCE DECORD

		*		
	ATE OF MPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SE
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wi_				





FORMED/RETURNED TO SERVICE

Airframe Log Entry

REG#	N617DA	MFG	Cirrus	MODEL	SR20	S/N	1867
WO#	10411	A/C TT	377.9	HR METER	377.9		
DATE	04/13/10						

- Performed ANNUAL Inspection IAW Cirrus AMM.
- Complied with 100 hour lubrication requirements IAW Cirrus AMM.
- C/W SB2X-32-18R4 NLG Inspection Par A-D. No Cracks.

I certify that this Air craft has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition. Only those items specified in the Work Order have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.

Authorized Signature // License # / Type 299740550

MAINTENANCE RECORD F.A.R. 43.9





AGENCY & CERTIFICATE NO.

WORK PERFORMED/RETURNED TO SERVICE

Airframe Log Entry

AIRCRAFT TIME

IN SERVICE

DATE OF

COMPLETION

TAN IT MINE EOG EMILY										
REG#	N617DA	MFG	Cirrus	MODEL	SR20	S/N	1867			
WO#	10611	HOBBS	667.1	FLIGHT	477.8					
DATE	06/16/10									

DESCRIPTION OF WORK PERFORMED

OR APPROVED DATA USED

- Completed 100 Hour Inspection IAW Cirrus AMM.
- Complied with 100 hour lubrication requirements IAW Cirrus AMM.
- C/W SB2X-32-18R4 NLG Inspection Par A-D. No Cracks.
- C/W FAR 91.207. Battery, Mount and operation normal
- Replaced all Brake Linings with new.
- C/W SB2X71-10R2 by installation of Kit# 70230-001

I certify that this Air craft has been inspected IAW a 100 Hour Inspection and was determined to be in airworthy condition. Only those items specified in the Work Order have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.

Authorized Signature

License # / Type

Sop 2/90666

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

TE OF PLETION	AIRCRAFT IN SERV			DESCRIPTION O	A.R. OF WORK PE	RFORMED			ENCY & CERTIFI FORMED/RETUR	CATE NO. NED TO SERVICE	DA COM	ATE OF PLETION
AF	Montgome	ry County	50		The state of the s							
frame Log	N617DA	MFG	Cirrus	MODEL	SR20 574.9	S/N	1867	-			_	
O#	101114	HOBBS	883.0	FLIGHT	3/4.9		1	-			_	
Con C/W	V FAR 91.207	00 hour lubric Battery, Mo	ation requirer	ments IAW Cir	rrus AMM	1.*				76		
Con Con C/W C/W	npleted 100 H nplied with 10 V FAR 91'.207 V Garmin GNS	00 hour lubric Battery, Mo S430 I.C.A	eation requirer ount and opera	ments IAW Ciration normal.	ection and	was deter	mined to be			16		
Con C/W C/W ertify that th worthy cond worthy. No	npleted 100 H nplied with 10 V FAR 91.207 V Garmin GNS is Air craft ha lition. Only th other represe	on hour lubric Battery, Mo S430 I.C.A s been inspectose items specification conce	eation requirer ount and opera	ments IAW Cination normal.	ection and	was detern	mined to be	n e				
Con C/W C/W ertify that th worthy cond worthy. No	npleted 100 H nplied with 10 V FAR 91.207 V Garmin GNS	on hour lubric Battery, Mo S430 I.C.A s been inspectose items specification conce	eation requirer ount and opera	ments IAW Cir ation normal.  On Hour Inspert	ection and	was detern	nined to be i	n e				
Con C/W C/W ertify that th worthy cond worthy. No	npleted 100 H nplied with 10 V FAR 91.207 V Garmin GNS is Air craft ha lition. Only th other represen	on hour lubric Battery, Mo S430 I.C.A s been inspectose items specification conce	eation requirer ount and opera	ments IAW Cir ation normal.  On Hour Inspert	ection and	was detern	mined to be	n e		-c		

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

AIRCRAFT TIN IN SERVICE			R APPROVED D	RK PERFORMED ATA USED				GENCY & CERTIFICATE NO. RFORMED/RETURNED TO SERVIC
N	AVIAT	ery County	29		No.			10
Airframe i	N617DA	MFG	Cirrus	MODEL	SR20	S/N	1867	
WO#	110324	HOBBS	XXX	FLIGHT	640.I			
DATE	03/25/11			ELT Batte	ery	FEB 20	)15	***
in airworth	at this Air craft l	y those items	specified in t	he Work Orde	r have been	inspected	d and found to	
be Airword	ny. No other rep	resentation co	ncerning Air	worthiness is e	expressed o	r implied.		
Authorized S License # / T		N4 90880		_				o <del>)</del>
						- 1		2 <del></del>
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#### MAINTENANCE RECORD F.A.R. 43.9

F.A.R. 43.9  AGENCY & CERTIFICATE NO.									COMPL	
DATE OF COMPLETION	AIRCRAFT IN SERV		DESCRIPTION OF WORK PERFORMED AGE OR APPROVED DATA USED WORK PERF						TURNED TO SERVICE	COMPL
Montgornery Coulty					)	3				
Airframe Log	Entry					****				]
REG#	N617DA 11517	MFG HOBBS	Cirrus XXX	MODEL FLIGHT	SR20 685.0	S/N	1867			_
	05/24/11			ELT Batte	erv	FEB 20	)15			
Authorized Sign License # / Type	nature / /	is Osso	_							
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#### MAINTENANCE RECORD F.A.R. 43.9

	1/2			AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE					
	A	AVIAT	ery County						
	Airframe I REG#	N617DA	MFG	Cirrus	MODEL	SR20	S/N	1867	
	WO#	11809	HOBBS	XXX	FLIGHT	720.0	3/19	1607	
)i-	DATE	08/05/11			ELT Batte	ry	FEB 20	15	
	Authorized S License # / T	ignature (1./ype	HW 40880	<b>3</b>		3	5	-	
		*							
						9			

# MAINTENANCE RECORD

MAINTENANCE RECORD F.A.R. 43.9								INSPECTION RECORD F.A.R. 43.11-91.409			
DATE OF COMPLETION				W BEREARI IFA		IRMED/RETURNED TO SERVICE	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE		
						/	1005107	3,3			
	Mont	gomery County		M.	<u> </u>	· ·			Production Flight Test accomplished in accordance with Cirrus Procedure #90500		
	Airframe Log Entry   REG#   N617E   WO#   11814   DATE   08/16/	DÁ MFG HOBBS	Cirrus XXX	MODEL SR20 FLIGHT 734.6 ELT Battery	S/N 1867 FEB 2015				Name: Nate Alm Date 100000		
	1. Completed 100 Hour Inspection IAW Cirrus AMM. 2. Complied with 100 hour lubrication requirements IAW Cirrus AMM. 3. C/W FAR 91.207. Battery, Mount and operation normal. 4. C/W Garmin GNS430 I.C.A 5. Replaced Induction Air Filter with new.							Title: Production Flight Test Pilot			
	I certify that this Air craft has been inspected IAW a 100 Hour Inspection and was determined to be in airworthy condition. Only those items specified in the Work Order have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.						GCT-17-7007	3.7	certification requested and have issued an U.S. Standard Airworthiness Certificate dated OCT/17 / 2007		
	Authorized Signature_ License # / Type	VII KUY UP	9						The next inspection is due oct / 31 / 2008  PAUL R. SPIKO		
									ODARF-405228-CE		

## INSPECTION RECORD

INSPECTION RECORD F.A.R. 43.11-91.409	MAKE: Cirrus MODEL: SR20 S/N: 1867 REG., NO: N617DA WORK ORDER: WORK ORDER:  MAKE: Cirrus Advanced Aircraft Services A/C TSN: 88 HOBBS: 126 Lititz, PA 17543 Phone: 717-735-5179
AIRC II	DATE IN S Airframe Entries
Montgomery County  Montgomery County	Removed interior for inspection of the fuselage per Cirrus request, Removed wingtip for inspection of the damaged wing per cirrus request, Removed all MLG fairings to inspect for damage. Sent pictures to Cirrus Aircraft for the engineering repair drawings. Assembled quote for the insurance company Removed damaged fiberglass and outer most wing cuff rib. Installe new wing sections IAW the Cirrus Field engineering drawings. And Cirrus's AMM. Primed and painted Removed and replaced both outboard and both inboard wheel fairing brackets on both MLG. Installed all new landing gear fairings IAW Cirr AMM Assembled the L/H wing tip and installed. Ops check good Removed and installed the pitot tube assembly Disassembled, cleaned, inspected, resealed and reinstalled both brake calipers. Bled system, ops and leak check good.
Airframe Log Entry  REG# N617DA MFG Cirrus MODEL SR20 S/N 1867  W0# 111014 HOBBS 1208.4 FLIGHT 832.9  DATE 10/19/11 ELT Battery FEB 2013  1. Completed an Annual Inspection IAW FAR 43 Appendix D 2. Complied with 100 hour lubrication requirements IAW Cirrus AMM. 3. C/W FAR 91.207. Battery, Mount and operation normal. 4. C/W Garmin GNS430 I.C.A 5. Replaced Induction Air Filter with new. 6. Replaced Brake Linings on left Wheel. 7. Recommended SB 2X-24-09 TVS Fuse, Owner declined service. 8. Recommended SB 2X-27-16R1 Flap over extension. Owner declined service  I certify that this Air craft has been inspected IAW a January Inspection and was determined to be in airworthy condition. Only those items specified in the Work Order have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.	Maintenance Release  The aircraft and/or component(s) on N617DA was repaired and inspected in accordance with the current rules and regulation of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 2023-11-2011, Dated 2/24/2012.  DATE: 2/24/2012 SIGNED: Work Order: 2023-11-20  DATE: 2/24/2012 SIGNED: Work Order: 2023-11-20  Jonathan T. Milby, A&P, 3477163AP Printed by EBis 3 (datcomedia.co  AAKE: Cirrus MODEL: SR20 JiN: 1867 JEG. NO: N817DA VORK ORDER: 0556-12-2011 Phone: 717-735-5179  Airframe Entries  Replaced both fuel sending gaskets, leak check good. ops check good Removed and replaced cracked spinner bulkhead Removed and reinstalled the prop governor for reseal. Reseal completed by Sensenich Propeller Service, Inc. under WP 23444. Ops and leak check good Removed and installed the L/H and R/H exhaust system for repair of the collector bolt toles. Removed and replaced the steel muffler spring outer prise with stainless cotter pins Replaced form negative terminal voot C/W SB 2x-24-09 TVS Fuse modification, ops check good CW SB 2x-27-16 RT JEDA ACtuator Mod Retorqued the slignment shims, Checked MLG wheel alignment on ground Ops check good.
Authorized Signature License # / Type #3140880	Maintenance Release  The aircraft and/or component(s) on N617DA was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 2056-12-2011, Dated 2/28/2012.  DATE: 2/28/2012 SIGNED:

### **INSPECTION RECORD**

F.A.R. 43.11-91.409	MARE: Cirrus MODEL: SR20 S/N: 1867  Advanced Aircraft Services				
AIRCRAFT TIME  AIRCRAFT TIME  DATE  SIGNATURE CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	MODEL: SR20 SN: 1867 REG. NO: N617DA WORK ORDER: 2255-05-2012 Phone: 717-735-5179				
Airframe Log Entry  REG# N617DA MFG Cirrus MODEL SR20 S/N 1867	Airframe Entries  Cirrus Airframe Annual Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 03/13. All AD's current thru 2012-09. Ops check good AD 2008-11.18 Heat Exchanger test. N/A by aircraft S/N SB 2X-27-16R1 Flap Mod. PCW C/W SB 2X-32-18R4 NLG Strut Inspection. No defects or cracks found Removed rocket for airframe, re-torqued 3 nylon screws holding rocket to launch tube. re-installed rocket to airframe. ops check good Re-sea all top mounted fuselage antennas Removed and replaced the #1/battery  I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.  DATE: 5/18/2012 SIGNED: Work Order: 2255-05-2				
DATE 05/08/12   ELT Battery   FEB 2015  1. Replaced #2 Batteries P/N 50979-001 with new. Ops check good. All work completed I.A.W Cirrus SR20 AMM.  Only those items specified in the Work Order have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.	MAKE: Clirus MODEL: SR20 SN: 1867 REG. NO: N617DA MICHAEL A Barnhart II, IA: \$124994AP  Printed by EBis 3 (datcomedia.c  DATE: 8/8 Advanced Aircraft Services				
Authorized Signature License # / Type	WORK ORDER: 2399-08-2012 Phone: 717-735-5179  Airframe Entries  Removed and replaced the Alt #1 positive terminal. Ops check good Removed and replaced MLG tires with new. R and replaced R/H MLG brake linings with new. Performed the MLG wheel alignment check/inspection. Installed shims adjusted MLG wheels toe and camber.				
	Maintenance Release  The aircraft and/or component(s) on N617DA was repaired and inspected in accordance with the current rules and regulation of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.  DATE: 8/8/2012 SIGNED: A Colored Work Order: 2399-08-2				
	Joel A. Glover, IA: 2849196 Printed by EBis 3 (datcomedia.c				

#### INSPECTION RECORD

MAKE: Cirrus MODEL: SR20 S/N: 1867 530 Airport Rd. REG. NO: N617DA Lititz, PA 17543 WORK ORDER:

#### **Advanced Aircraft Services**

DATE: 5/18/	201
A/C TSN: 9	31.
HOBBS: 13	306,

REG. NO: N617DA WORK ORDER: 2255-05-2012	530 Airport Rd Lititz, PA 17543 Phone: 717-735-5179	NOBBS. 1300 <sub>1</sub> 0	RAFT FOR SERVICE
Airframe Entries			
airframe, Checked cat due 03/13, All AD's cu 2X-27-16R1 Flap Mod airframe, re-torqued 3	al Inspection completed using the Cirrus AMM check ble tensions. Serviced the gascolator. ELT inspected urrent thru 2012-09. Ops check good AD 2008-11. J. PCW CW SB 2X-32-18R4 NLG Strut Inspection of the complete structure of the complete structure. The complete structure of the complete structure of the complete structure of the complete structure. The complete structure of the complete structure of the complete structure of the complete structure of the complete structure.	in accordance with FAR 91.207(d). ELT batteries 18 Heat Exchanger test. N/A by aircraft S/N SB No defects or cracks found Removed rocket from illed rocket to airframe. ops check good Re-sealed	
I certify that this AIRFF DATE: 5/18/2012	RAME has been inspected IAW an Annual Inspection	on and was found to be in Airworthy condition.  Work Order: 2255-05-2012	
	Richard A Barnhart II, IA: 3124994AP	Printed by EBis 3 (datcomedia.com)	
MAKE: Cirus MODEL: SR20 SN: 1867 REG. NO: N617DA WORK ORDER: 2399-08-2012	Advanced Aircraft Services 530 Airport Rd. Littz, PA 17543 Phone: 717-735-5179	DATE: 8/8/2012 A/C TSN: 990.6 HOBBS: 1374	
	brake linings with new, Performed the MLG wheel	emoved and replaced MLG tires with new. Removed alignment check/inspection. Installed shims to	
Maintenance Release The aircraft and/or comof Title 14 of the Code  DATE: 8/8/2012	inponent(s) on N617DA was repaired and inspected of Federal Regulations, was found Airworthy and w	in accordance with the current rules and regulations was returned to service.  Work Order: 2399-08-2012	
-	Joel A. Glover, IA: 2849196	Printed by EBis 3 (datcomedia.com)	,

# INSPECTION RECORD

INSPECTION RECORD F.A.R. 43.11-91.409	INSPECTION RECORD F.A.R. 43.11-91.409					
AIRCRAFT TIME  AIRCRAFT TIME  SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	AIRCRAFT TIME  AIRCRAFT TIME  IN SERVICE  KIND OF INSPECTION—STATUS & DISCREPANCY LIST  SIGNATURE— CERT. NO. OF PERSON APPROVINCE OF THE SERVICE  SERVICE					
DATE  IN SERVICE  SIGNATURE—CERT. NO. OF PERSON APPROVING OR DISASTING  ENGINE MODEL:  O-360-ES  ENGINE SIN: 1006841 REG. NO: N817DA WORK ORDER: Phone: 717-735-5179  2337-086-2012  Log Entries  Removed engine S/N 360524. Installed rebuilt engine S/N 1006841. Serviced engine with 7 quarts of Aeroshell 100 mineral.  Completed an SID97-3E fuel sys tem setup. Ops check good Removed and replaced the #6 cylinder EGT probe. ops check	AIRCRAFT: Cirrus SR20 S/N: 1867 REGISTRATION: N617DA TACH: 1073.9  1. Replaced blown tire with new tire PN: 072-312-0 SN: 1192S00601 supplied by customer and serviced.  DATE: 10/6/2012 SIGNATURE AP3554416					
Maintenance Release  The aircraft and/or component(s) on N617DA was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Aircraft yand was returned to service.  DATE: 7/31/2012  SIGNED:  Work Order: 2337-06-2012  DATE: 8/31/2012  Joel A. Glover, IA: 2849196  Printed by EBis 3 (datcomedia.com)  MAKE: Cirrus MODEL: SR20 SN: 1867 REG. NO: N817DA WORK ORDER: 2449-08-2012  Airframe Entries  Cirrus Airframe 100hr Inspection completed using the Cirrus AMM check list ch 5-20, Performed a light check. Lubed airframe. Cirrus Airframe 100hr Inspection completed using the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. 2012-17. Ops check good Cleaned the Tach, harness connector at the Carrier of	MATTHEW BRAME READING AIR SERVICE  ADC #, P/N:					
and replaced the Landing Light Assy. Ope circle good Removed and replaced the L/H and R/H brake linings.  I certify that this aircraft has been inspected AWA 100hr inspection and was found to be in Airworthy condition.  DATE: 8/31/2012 SIGNED: Work Order: 2449-08-2012  Richard A. Barnhart II, IA 31249-4AR Printed by EBis 3 (datcomedia.com)						

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

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

ATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
	11-16-	1100001333.2
		AME FLIGHT-1138.1
	Comp	eted 100hr.Inspection IAW cirrus AMM.
	C/W F	AR 91.207(d) by inspection and ops check.
	AMM	00hr. lubrication requirements IAW cirrus Replaced all brake linings on both wheels.
	Tighte	n bolts on left fuel tank float, stop leaking.
	Install	ed missing access plate under back seat.
	A/C REG.	106170A DATE 11-16-12
	TOTAL A	TIME 15332 HRS. TACH TIME 1738.
	I CERTIFY	THAT THIS A/C HAS BEEN INSPECTED IN
	ACCORDA INSPECTI	MCE WITH AN CIPCLE ONE ANNUACTOO HR ON AS PER CIPIC S AND WAS JED TO BE IN AN AIRWORTHY CONDITION.
	DETERMIN	IED TO BE IN AN AIRWORTHY CONDITION.
	Ken	MM AP2769734TA
	BIGNATU	CENTIFICATE NO,/TYPE

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

	F.A.R. 43.11-91.409		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 AIRCRA	FT FOR SERVICE	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE			
					~			
12-3	1-2012 N617DA Hobbs: 1625.2		7		flyADVANCED	Date: 4-12-13		
12-3	Flight:1206.5				T	Reg#: N616DA		
	rame			N	T.*	Hobbs: 1783.3 ———— Flight: 1337.0		
	placed LH and RH main landing gear tires and sIAW Cirrus SR20 AMM Ch 32-41. Engine				Ī			
	up completed and aircraft approved for return to				Airframe Entry  C/W 100 hour Airframe inspection IAW Cirrus Maint, Manual.			
serv	horized Signature. Ak 1311							
Lice	ense #/ Type A=P 3463736				C/W FAR 91.207 par D. Batteries due change Feb. 2015. Serviced brake res. Lubricate airframe IAW Cirrus Maint. Manual. All AD's			
	SP. Al Co.				current. I certify this airframe is found			
MAKE: Cirrus	Advanced Aircraft Services DATE: 12/19/2012				condition. Return to service. END.			
MODEL: SR20 — S/N: 1867 5 REG. NO: N617DA	A/C TSN: 1192.4  A/C TSN: 1192.4  HOBBS: 1611.1				David Parry	· ·		
2648-12-2012	Phone: 717-735-5179				water care to a real	4		
Airframe Entries  Removed and replaced the	ne pilots door strut. Ops check good.	*		0	AP2831544 IA	-		
Maintenance Release								
The aircraft and/or compo of Title 14 of the Code of	onent(s) on N617DA was repaired and inspected in accordance with the current rules and regulations Federal Regulations, was found Airworthy and was returned to service.		1		· · · · · · · · · · · · · · · · · · ·	- John		
DATE: 12/19/2012	SIGNED: Del A. Gilare Work Order: 2648-12-2012					\$		
	Joel A. Glover, IA: 2849196 Printed by EBis 3 (datcomedia.com)		1					
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**INSPECTION RECORD** 

# INSPECTION RECORD F.A.R. 43.11 –91.409 KIND OF INSPECTION-STATUS & DISCREPANCY LIST

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