ircraft Model	A36	_ Serial Numbe	r	E=3222	
Reg #	N3222B	Owner's Nar	ne		
ITEM	DUE CH			PLYING NOTA ENCY	TIONS NE.
I certify that the altimeter required by FAR Part 91.4 Static System Text P. 1.4	444 house become	test		R 91.217 Testing of a	
Static System Test Date ALTIMETERS:	01-06-99	LH	Altimeter S/N 29645		
				Altimeter S/N N/A	
L S/N 29645 Date 12-14 R S/N N/A Date N/A	Tested to 35,	000 Feet		by Altimeter S/N N/A	
STANDBY: S/N N/A Date	N/A Tested to N/	A Feet	Air	Data Computer S/N	N/A
AIR DATA COMPUTER:		71000	10	ertify that ATC Trans	nonder Test ar
S/N N/A Date N/A Teste	d to N/A Feet			pection required by	
S/N N/A Date N/A Teste	ed to N/A Feet			been performed.	
Emergency				5007 Date Teste	d 01-06-99
Emergency Locator Trans To Be Replaced on or Be	smitter Battery		S/N	N/A Date Teste	d N/A
	Tore 12-00.				
	-	Euro Drug	Jonn O		
	Rot	bert Alliband			
	FOI	R RAYTHEON AIRCR	RAFT CO.		
In accordance with FAR	91.171 Omni direct	ional			
receivers were found to b	e accurate to with	in			
degrees_BEC	Place				
0					
Pilot Am	Date 01-21-99				
//1/am	Date 01-21-5				
/					
			A STATE OF THE STATE OF		
The second second			State of the same		
				The Park State of	
The state of the state of		0			
THE PROPERTY OF		William Bridge			
	A CONTRACTOR	THE RESERVE		OF STREET	TEN THE

A/C: A 36 N\_3222 B S/N: 3222

GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS &1 109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

DATE: 10-03-00 W.O.# 8157 HM: 2246

IN ACCORDANCE WITH F.A.R. 91.413, THE ATC TRANSPONDER INSTALLED IN THIS AIRCRAFT HAS BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF PART 43.

A.	MODEL	ATC-1	ATC-2
B.	SERIAL NUMBER	KT 56 C	\/
C.	REPLY FREQ.	5007	V
D. D.1	SUPRESSION	OK	/
E.	SUPRESSION P2 DOWN 9DB RECEIVER SENSITIVITY "A"	OK	/\
F.	RECEIVER SENSITIVITY "C"	74	/ \
		74	/

SIGNED harles a rash FOR APPROVED FOR RETURN TO SERVICE RAYTHEON AIRCRAFT SERVICES, INC. CRS CGOR815C GREATER ROCKFORD AIRPORT ROCKFORD, IL 61109

SIGNED Charles a mash FOR RAYTHEON AIRCRAFT SERVICES CRS CGOR815C GREATER ROCKFORD AIRPORT ROCKFORD, ILLINOIS 61109

Type of Unit ENCODIAS ALT N M.ERITICS Model IC S.N. 29445	S/N 29645 WO. No. 8157 DATE 10-03-00
The A/C and or component identified above was repaired & inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service with respect to the work performed. Pertinent details of the repair are on file at this Agency under work order \$15.7  Date 10-03-00  RAYTHEON AIRCRAFT SERVICES  Greater Rockford Airport - Rockford, IL 61109  F.A.A. Approved Repair Station No. CGOR815C	Altimeter Reads  0 +10 14,000 +20  500 +10 16,000 +20  1,000 +10 18,000 +20  1,500 +20 20,000  2,000 +5 22,000  3,000 +5 22,000  4,000 +10 30,000  6,000 +0 35,000  8,000 0 40,000  10,000 +10 45,000  112,000 +20 50,000  HY 50% +10 HY 40% 710
MAINTENANCE RELEASE  Type of Unit A PONDER N  M.F.R. Model KT-74C S.N. 5007  The A/C and or component identified above was repaired & inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service with respect to the work performed. Pertinent details of the repear are on file at this Agency under work	Raytheon Aircraft Services CRS CGOR815C Greater Rockford Airport Rockford, Illinois 61109

RAYTHEON AIRCRAFT SERVICES Greater Rockford Airport - Rockford, IL 61109 F.A.A. Approved Repair Station No. CGOR815C

REPLY FREG. SUPRESSION SUPRESSION P2 DOWN 9DB RECEIVER SENSITIVITY "A" RECEIVER SENSITIVITY "C"	2002 2002 2002 2002 2002	
Aircraft Model	Serial Number	
Reg #	Owner's Name	
THE AUTOMATIC PRESSURE AND INSPECTED AND FOUND  I CERTIFY THAT ALT. & STAPART 91.411, HAVE BEEN P L/H ALT. S/N 29645  BYRAYTHEON ARREST STAVE RIGHT SIGNED CLARA  SIGNED CLARA  RAYTHEON AIRC  GREATER I	DATE 10 03	
MAINTENANCE RELEASE	THE PERSON NAMED IN COLUMN 2 I	
Type of Unit Free Model Free M. S.N. 294  The A/C and or component identified above was repaired inspected in accordance with current regulations of Federal Aviation Agency and is approved for return to so vice with respect to the work performed. Pertinent details the repair are on file at this Agency under work order \$15.7  Date 10-03-0  Signed RAYTHEON AIRCRAFT SERVICES  Greater Rockford Airport - Rockford, IL 61109  EA.A. Approved Repair Station No. CGOR815C  MAINTENANCE RELEASE  Type of Unit X PONDER  M.F.R. Model T. 76 C. S.N. 50  The A/C and or component identified above was repair inspected in accordance with current regulations of Federal Aviation Agency and is approved for return to vice with respect to the work performed. Pertinent detail the repair are on file at this Agency under work	Altimeter Reads Error Reads Error  0 + 10 14,000 + 20  500 + 10 18,000 + 20  1,000 + 10 18,000 + 20  1,500 + 20 20,000  2,000 + 5 22,000  3,000 + 5 25,000  4,000 + 0 35,000  8,000 + 0 40,000  10,000 + 0 45,000  12,000 + 20 50,000  HY 50% + 10 HY 40% + 10  Raytheon Aircraft Services CRS CGOR815C Greater Rockford Airport Rockford, Illinois 61109	
order 3/57 Date 10-03-0 Signed Charles a nasl		

SIGNED LANGE O NACH FOR

RAYTHEON AIRCRAFT SERVICES Greater Rockford Airport - Rockford, IL 61109 F.A.A. Approved Repair Station No. CGOR815C

	RECOF	RD OF CO	MPLIA	NCE				
Aircraft Model A	36	Serial Nun	nber	E	3222			
Reg #_ N ~ 3002								
ITEM	DUE CH		BY BY	COMPL AGEN		SMOITATO	DUE	
	ALTIMETER STATE	O AND ALTITUDE D	CDODTIME		ISI HAVE BEEN			
9-25-02 HOBBS 510.0	AND INSPECTED PER PART 43. AS REQUI	MS HAVE BEEN TES	TED A	ODEMDIY E OF	PART 43 I.A.	W FAR OLAIS		
HOBBS 510.0	CALIBRATED TO _C	20,000	s	OMED T	#1 SC		Model: KEA	130A
	DATE 9/25/0	225IGNED D	at "	AY AVIONIC	CORRE	CTION	S/N: 30145	
	BAY AVIONICS, FAA	CRS WK3R948L			Indicated	Add	Indicated	Add
October 5, 2004			Mather Avia	ation LLC	-1000	0	18000	-20
N527RS, Beech A36 S/N: E-3222		Sacramento	Mather Airport,	CA 95655	-500	0	20000	N/A
Hour Meter: 747.6			FAA CRS No. I	PCPR439B #: 408710	0	0	22000	N/A
I certify that the Altimeter and Sta	ntic System Tests requ	ired by FAR 91.41	1 have been no	eformed -	500	0	25000	N/A
and to comply with FAR 4	1. Appendix E. Par (a	A (b) and (c) The	included excton	a manete the	1000	0	30000	N/A
The state of the s	c attimeter was tested	to 20,000 feet on 0	October 5, 2004		1500	0	35000	N/A
ALTIMETER/ENCODING: MC	ODEL# KEA 130A	S/N: 3014	45		2000	0	40000	N/A
Legitify that Transponder Tests as	erie II. Dan da da				3000	0	45000	N/A
I certify that Transponder Tests re with FAR 43, Appendix F.	quired by FAR 91,41	3 have been perfor	med and found	to comply	4000	0	50000	14/7
TRANSPONDED.					6000	0		
TRANSPONDER: MO	ODEL# KT76C	S/N: 5007	7		8000	10	Mather Avid	tion I
Technician(s): C. Ehlers and G. S	chlimmer				10000	0		
Inspector: 1LD D					12000	0	Mather Field,	
Kerry D. Glavici	h for				14000	-20	CRS # PCPR	C. Ehlers
CRS# PCPR43					16000	-20	rested by:	A CANADA
				L	17500	-30	Date:	10/5/2
Date 8/22/2006	OODLA	Airfr	ame (Avior	nics)Logi	book Entry	AIRCRAF	T: N 527RS	
W/O# 6755	O D ELLI		CRS AV					
AU	lation in	Watts W	oodland Airp				E-3222	
P/N	EPLACED ALTIM 066-03064-0005, PER WORK ORDS	S/N 32984.	6-03064-000 REPLACEM	5, S/N 30 ENT PAR	145 WITH	REPLACEN PECTED BY	CRS# OL2	D061L
	The Aircraft an regulations and Pertinent deta	l was found ai	rworthy to r	eturn to se	ervice only	for the wor	k performed	no on
Tr	The Altimeter, ansponder tests Tested to 3	Static System required by F System ft. I	AR 91.413 p	art 43 app	endix F ha E. Signed_	ve been per	FAR 91.411 a	nd imeter

Date 10/5/2006 W/O# 6967

Airframe (Avionics)Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Tach 1001.4 Time

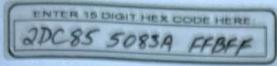
Watts Woodland Airport, Woodland, CA 95695 REPLACED DISPLAY PN 037-05105-0001, REASSEMBLED RADIO AN PERFORMED BENCH TEST WITH NO FAULTS NOTED. REINSTALLED IN AIRCRAFT AND PERFORMED POST-INSTALLATION CHECKS. RETURNED #1 NAV/COM SYSTEM TO SERVICE.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signe

	and agency. Sign	Dougras E, Barton	Lacy
STERLING	N. B.		
SIERLING	THE STATE OF THE S	D. Styley of the	
Removed defective King KEA 130A encoding altimeter, P/N			MAN
066-03064-0005, S/N 32984 and replaced with a warranty exchange unit, same P/N, S/N 26318. Performed alignment			
procedure with KFC 225 autopilot. Static system leak check and correspondence check satisfactoryEND			
The component identified above was repaired and inspected IAW Federal Aviation Regulations and was found to be in			
an airworthy condition for return to service.			
Signed: Almon			
Dated: May 04, 2007 N#:527RS Beech A36 S/N E3222 Tach: N/A TTSN: N/A			
HOBBS: 1044.7 For more info see w/o # 32830 FAA Repair Station Certification # WQ3R954L	# 00 F 36 HOV 3		
101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580			
	William Control		
CARLES OF THE PARTY OF THE PART	TO COMPANY		
THE RESERVE OF THE PARTY OF THE	No of the last		



### STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE



THIS ELT IS PROGRAMMED FOR AND HUST BE REGISTERED IN COUNTRY UNITED STATES CODE 366

Date 9/26/2007 W/O# 8058

WOODLAND AVIATION

Airframe (Avionics)Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Tach Time 1081.8

Watts Woodland Airport, Woodland, CA 95695 EXISTING RYAN 9900BX TCAD, S/N 0709162, WAS UPGRADED TO A TAS-610, IN ACCORDANCE WITH RYAN INTERNATIONAL SERVICE BULLETIN 051215, REVISION IR, DATED DECEMBER 15. 2005. REMOVED INSIGHT GEM-610 EGT/CHT INDICATOR, S/N 2118; AVIDYNE 5RR CD ROM LOADER, S/N C 1363; 5RRMFC MFD, S/N 0589; BENDIX/KING KN-72 VOR/LOC CONVERTER, S/N 15922; KX-155A VHF NAV/COMM, S/N 6714; KMA-26 AUDIO/MARKER PANEL, S/N 002468; KLN-90B GPS RECEIVER, S/N 27263; KA-91 GPS ANTENNA, S/N 19848; MID-CONTINENT MD41-248 RELAY. S/N 10611; MD41-1328 GPS ACU, S/N 11360; AND ARTEX ELT 110-4 ELT, S/N 61706. INSTALLED ARTEX G406-4 ELT, S/N 170-01053, IN SAME LOCATION AS REMOVED ELT. INSTALLED AFT AVIONICS SHELF AND ARTEX 435-6500 ELT/NAV INTERFACE, S/N 06402, AT F.S. 228.00" OPPOSITE THE ELT. INSTALLED ARTEX 110-320 ELT ANTENNA, S/N 175956, ON TOP OF THE FUSELAGE AT F.S. 196.00", WITH .040" 2024-T3 ALUM. DOUBLER. GARMIN GA-55 XM ANTENNA, S/N 87507540; AND GDL-69A XM RECEIVER, S/N 47758427, WERE INSTALLED IN ACCORDANCE WITH FAA STC SA01487SE, DATED DECEMBER 20, 2004. INSTALLED GARMIN GMA-340 AUDIO/MARKER/ICS PANEL, S/N 96282493, IN SAME LOCATION AS REMOVED B/K KMA-26. INSTALLED J.P.I. EGT 701-6C EGT/CHT INDICATOR, S/N 25903 IN ACCORDANCE WITH FAA STC SA2586NM, DATED JUNE 17, 1999. REMOVED AVIDYNE D98-00001-47 MULTI FUNCTION DISPLAY, AND INSTALLED IN THE SAME LOCATION A GARMIN GMX-200 MULTI FUNCTION DISPLAY, S/N 38400746; IN ACCORDANCE WITH FAA STC SA01692SE, DATED 08/11/06. INSTALLED GARMIN GNS-530W NAV/COMM/GPS/WAAS, S/N 23802334; GA-35 GPS/WAAS ANTENNA, S/N 23910. SEE FAA 337 FORM DATED SEPTEMBER 26, 2007, AND AFMS DATED DEC. 21, 2006. ALL WORK WAS ACCOMPLISHED IN ACCORDANCE WITH THE MANUFACTURES INSTRUCTIONS, FAA AC 43.13-1B, CHAPTER 11, SECTION 3, PARAGRAPH 11-37; SECTION 4, PARAGRAPHS 11-47 THROUGH 11-53; SECTIONS 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16 AND 17 AS APPLICABLE, CHAPTER 12, SECTION 2. FAA AC 43.13-2A, CHAPTER 1, PARAGRAPH 12, CHAPTER 2, PARAGRAPH 21, 22, 23, 24; CHAPTER 3, PARAGRAPH 36. THE INSTALLED EQUIPMENT WAS OPERATIONALLY TESTED AND PERFORMED SATISFACTORLY, AND DID NOT ADVERSELY AFFECT EXISTING EQUIPMENT OR SYSTEMS IN THE AIRCRAFT AS REQUIRED BY FAR 23.1301. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS REQUIRES A VISUAL INSPECTION AND OPERATIONAL TEST OF THIS EQUIPMENT IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS, AND FAR 43, APPENDIX "D" ANNUALLY, AND GARMIN ICA DOCUMENT NO. 190-00357-65, REV. A, FOR THE GARMIN GNS-530W, OR LATER REVISIONS. THE AIRCRAFT EQUIPMENT LIST WERE AMENDED IN ACCORDANCE WITH AC 43.13-1B, CHAPTER 10.SECTION 2 PARAGRAPH 10-16,10-20. THE GARMIN GNS-530W COMPLETED A GPS FUNCTION FLIGHT EVALUATION, ON SEPTEMBER 27, 2007, BY FAA CRS AWKR 298C. THE END-

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed:

Douglas E. Barton

ENTER 15 DIGIT HEX CODE HERE

THIS ELT IS PROGRAMMED FOR AND MUST BE REGISTERED IN:

COUNTRY : 1/5

CODE: 366

Date 12/10/2007 W/O# 8502



Airframe (Avionics)Logbook Entry AIRCRAFT: N 527RS

**CRS AWKR298C** 

S/N E-3222

Tach

1106.B

Watts Woodland Airport, Woodland, CA 95695

PERFORMED GARMIN SOFTWARE SERVICE BULLETIN 0740 REVISION A, UPDATING GNS 530W P/N 011-01064-00, S/N 23802334 MAIN SOFTWARE FROM VERSION 2.00 TO 3.00 AND GPS SOFTWARE FROM VERSION 2.4 TO 3.0. PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed:

Douglas E. Barto

Date 9/10/2008 W/O# 9103



Airframe (Avionics)Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach Time 1166.1

PERFORMED GARMIN SOFTWARE SERVICE BULLETIN 0818 REVISION A FOR GNS 400W AND GNS 500W WAAS CAPABLE RECEIVERS UPDATING GNS 400W/500W P/N 011-01064-00, S/N 23802334 MAIN SOFTWARE FROM VERSION 3.00 TO 3.11 AND GPS SOFTWARE FROM VERSION 3.0 TO 3.1. PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED. UPDATED GARMIN GDL 69A DATALINK P/N 011-00987-00, S/N 47758427 SOFTWARE FROM VERSION 3.10 TO VERSION 3.20 IAW GARMIN SB 0742 REV A. PERFORMED FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED. PERFORMED GARMIN GDL-69 REQUIREMENTS OF ICA AS NOTED IN INSTRUCTIONS FOR CONTINUED AIRWORTHINESS DOCUMENT# 190-00355-00 REV C AND FAR 43 APPENDIX D WITH NO PROBLEMS NOTED. PERFORMED REQUIREMENTS OF J.P. INSTRUMENTS ICA AS NOTED IN INSTALLATION REPORT 103 REV D AND FAR 43 APPENDIX D WITH NO PROBLEMS NOTED. PERFORMED GARMIN GNS-530W REQUIREMENTS OF ICA AS NOTED IN INSTRUCTIONS FOR CONTINUED AIRWORTHINESS DOCUMENT# 190-00357-65 REV A AND FAR 43 APPENDIX D WITH NO PROBLEMS NOTED. PERFORMED GARMIN GMX-200 REQUIREMENTS OF ICA AS NOTED IN INSTRUCTIONS FOR CONTINUED AIRWORTHINESS DOCUMENT# 190-00607-00 REV A AND FAR 43 APPENDIX D WITH NO PROBLEMS NOTED PERFORMED RYAN TCAD MODEL 9900BX REQUIREMENTS OF ICA AS NOTED IN INSTALLATION MANUAL# 32-2351 REV 4 AND FAR 43 APPENDIX D WITH NO PROBLEMS NOTED. CLEANED CWS SWITCH WITH ISOPROPYL ALCOHOL AND CONFIRMED CORRECT OPERATION. REMOVED BENDIX/KING KI 525A HSI P/N 066-3046-07, S/N 87369. REINSTALLED CUSTOMERS ORIGINAL KI 525A HSI P/N 066-3046-07, S/N 87369 AFTER BEING REPAIRED BY CRS# OL2D061L UNDER W/O PERFORMED GNS 530W OBS CALIBRATION AND RESET WRK0129367 DATED 9/8/2008. AUTOPILOT HEADING AND COURSE NULL POINTS. PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED. PERFORMED ALTITUDE CALIBRATION OF BENDIX/KING KFC 225 AUTOPILOT IAW KFC 225 INSTALLATION MANUAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed:

Douglas E. Barton

The Altimeter, Static System and Altitude Reporting Tests required by FAR 91.411 and
Transponder tests required by FAR 91.413 part 43 appendix F have been performed. Altimeter
Tested to 25,000 ft. IAW FAR 43 Appendix E. Signed

Douglas E. Barton

### INSTRUMENT, STATIC AND AVIONICS CHECKS

Date 10/12/2009 W/O# 10341



Airframe (Avionics)Logbook EntryAIRCRAFT: N 527RS

#### CRS AWKR298C

S/N E-3222

Tach

1279.2

Watts Woodland Airport, Woodland, CA 95695

COMPLIED WITH GARMIN MANDATORY SERVICE BULLETIN 0918, REV. A BY UPDATING GARMIN GNS 530W P/N 011-01064-00, S/N 23802334 MAIN SOFTWARE FROM VERSION 3.11 TO 3.30. UPDATED GNS 400W/500W SERIES PILOT'S GUIDE & REFERENCE, OPTIONAL DISPLAYS ADDENDUM, AND DISPLAY INTERFACES ADDENDUM. GROUND OPERATIONAL CHECKS NORMAL INSTRUCTIONS FOR CONTINUED INSPECTED GDL 69A SYSTEM IAW AIRWORTHINESS DOCUMENT NUMBER 190-00355-00 REV D DATED 7/20/2009 WITH NO INSPECTED GNS 530W SYSTEM IAW INSTRUCTIONS FOR DISCREPANCIES NOTED. CONTINUED AIRWORTHINESS DOCUMENT NUMBER 190-00357-65 REV B DATED 7/30/2009 WITH NO DISCREPANCIES NOTED. INSPECTED GMX 200 SYSTEM IAW INSTRUCTIONS FOR CONTINUED AIRWORTHINESS DOCUMENT NUMBER 190-00607-00 REV A DATED 6/19/06 WITH NO DISCREPANCIES NOTED. UPGRADED GARMIN GMX 200 MULTIFUNCTION DISPLAY P/N 011-01465-00, S/N 38400746 SYSTEM SOFTWARE FROM VERSION 2.03 TO 2.13 IAW GARMIN SB 0905 REV A DATED 2/20/2009. CONFIRMED CORRECT SOFTWARE VERSION ON MFD START UP PAGE AND PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed:

Douglas E. Barton

A/C Mod: BE-36 Date: 05/11/2010 W.O. # 23516 Reg. No.: N527RS TYPE SERIAL# KI-256 X22757 (OUT) KI-256 24041 (IN) REMOVED GLARESHIELD AND ATT. GYRO. SET-UP TO MARRY NEW GYRO TO AUTOPILOT. REINSTALLED NEW GYRO IN PANEL. SWUNG STANDBY COMPASS WHICH WAS CAUSING 10 DEGREE DIFFERENCE. COULD NOT DUPLICATE STORMSCOPE PROBLEM. Megahertz Avionics, Inc. 1949 Airport Dr Bakersfield, CA 93308 FAA Approved Repair Station # D13R4501 Signed: Date:5/11/2010 Richard Kurtz / President

Aircraft Mode	el Serial Number	
Reg#	Owner's Name	
	DATE/TIME INSPECTE	D COMPLYING NOTATIONS NEXT
ITE	EM DUE CHECKED BY	AGENCY DUE
Date 11/2/2010 W/O# 11065	Airframe (Avionics  CRS AWKF 25170 Aviation Ave., D	OIII L-JEEE
Tach/ Hobbs 1409.0 FLIGHT	TESTED ALTIMETER, ALTITUDE REPORTING TRANSPONDER SYSTEM PER FAR 43, APPEN REQUIREMENTS OF FAR 91.411 AND 91.413 FO FEET.	NDICES E AND F. THOSE SYSTEMS MET
	The Aircraft and/or component identified abo regulations and was found airworthy to retur Pertinent details of the repair are on file at	n to service only for the work performed.
	The Altimeter, Static System and Altitude R Transponder tests required by FAR 91.413 part Tested to 25,000 ft. IAW FAR 43 App	Reporting Tests required by FAR 91.411 and 43 appendix F have been performed. Altimeter pendix E. Signed Douglas E. Barton
		Douglas E. Barton
Date 12/14/2011		s)Logbook EntryAIRCRAFT: N 527RS
W/O# 11888	WOODLAND AVIATION CRS AWKF	
Tach/ Hobbs 1479.0 FLIGHT	UPDATED GARMIN GDL 69A P/N 011-00987-00, S TO 4.01 IAW GARMIN SOFTWARE SB 1120 REV SOFTWARE VERSION IN AIRCRAFT AND PERFOR DISCREPANCIES NOTED. REMOVED GARMIN G FOR FLAT RATE REPAIR. MFD SD CARD SEI ORIGINAL GARMIN GMX 200 MFD P/N 011-01465- GARMIN AT, INC., CRS# JC6R634N UNDER RMA# ( CONFIGURED FOR CUSTOMERS AIRCRAFT AND WITH NO DISCREPANCIES NOTED.	A DATED 7/14/2011. CONFIRMED CORRECT RMED GROUND FUNCTIONAL TESTS WITH NO GMX 200 MFD P/N 011-01465-00, S/N 38400746 NT WITH UNIT. REINSTALLED CUSTOMERS 00, S/N 38400746 AFTER BEING REPAIRED BY 662954 DATED 12/9/2011. CONFIRMED UNIT IS
	WITH NO DISCREFANCIES NOTED.	
	The Aircraft and/or component identified abo	ove was repaired and inspected IAW FAA
		rn to service only for the work performed 🦟
	The Aircraft and/or component identified abore regulations and was found airworthy to return	this agency: Signed:
	The Aircraft and/or component identified abore regulations and was found airworthy to return	this agency: Signed:
	The Aircraft and/or component identified abore regulations and was found airworthy to return	this agency: Signed:



Date 12/5/2014 W/O# 14018

### Airframe Logbook Entry CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 527RS

Tach / Hobbs 1664.9 CLEANED TRIM SERVO AND PITCH SERVO CONNECTORS AND APPLIED STABILANT 22 TO ALL

CONNECTIONS.

REMOVED BENDIX/KING KS 270C PITCH SERVO P/N 065-00178-2500, S/N 2567. INSTALLED REPLACEMENT BENDIX/KING KS 270C PITCH SERVO P/N 065-00178-2500, S/N 2251 AFTER BEING OVERHAULED BY MID-CONTINENT INSTRUMENTS, CRS# OL2R061L UNDER W/O WRK0236106 DATED 5/14/2014. PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed:

Shawn Matthies AWKR298C



Date 3/18/2015

W/O# 14094

Airframe Logbook Entry CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 527RS

S/N: E-3222

Tach / Hobbs 1667.8 TESTED ALTIMETER, ALTITUDE REPORTING SYSTEM, PITOT/STATIC SYSTEM, AND TRANSPONDER SYSTEM PER FAR 43, APPENDICES E AND F. THOSE SYSTEMS MET REQUIREMENTS OF FAR 91.411 AND 91.413 FOR NON-PRESSURIZED AIRCRAFT TO 25,000 FEET.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed:

Shawn Matthies AWKR298C



Date 4/1/2016

W/O# 14996

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 527RS

S/N: E-3222

Tach

1735.6 INSTALLED REPLACEMENT BENDIX/KING KI 256 ATTITUDE INDICATOR P/N 060-0017-01, S/N 24631 (MODS 1-11) AFTER BEING OVERHAULED BY MID-CONTINENT INSTRUMENTS, CRS# OL2D061L ON W/O 000264256 DATED 3/10/2016. PERFORMED AUTOPILOT CALIBRATION AND GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED. REINSTALLED CUSTOMER'S ORIGINAL BENDIX/KING KC 225 AUTOPILOT COMPUTER P/N 065-00183-2701, S/N 1903 AFTER BEING REPAIRED BY MID-CONTINENT INSTRUMENTS+AVIONICS, CRS# OL2D061L UNDER W/O 200851891 DATED 3/22/2016. PERFORMED AUTOPILOT CALIBRATION IAW KFC 225 INSTALLATION MANUAL WITH NO DISCREPANCIES NOTED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed:

Shawn Matthies AWKR298C

THE PURE	_					4/5/2017	94945 · (415) 89 Hobbs/Tach	1817.0	-	
	N#	N527RS	W/O#	3796	Date	4/5/2017	HODDS/Tach	1817.0		
	43 8	is required by	y CFR Part	s 91.411 i	and 91.41	3. Tested to 2	5K TL			
			compone			e were repair	red and inspected	in accordance		

Aircraft Model	Serial Number			
Reg#	Owner's Name			
ITEM	DATE/TIME INSPEC		NOTATIONS	NEXT
The second second second	DUE CHECKED BY	AGENCY		DOL
Direct Avionics - CRS #D5IR816J -   N#   N527R5   W/O #   3868   Det	e 1/10/2018 Hobbs/Tach 1841.3			
Removed Bendix/King KT76C Transponder, g Garmin GTX 345 TXP, s/n 3EG008534, and c	o/n 066-01156-0101, s/n 5007, and installed		A STATE OF THE STA	
200. TAS600 and encoder, IAW Garmin STC p/n 190-00734-15, Rev 2 and ICAW, p/n 190-	SAD1714M/I Day 3 and provided AEMS			
date. Change to Weight and Balance negligit 5.30 IAW Garmin SB 1618, Rev A.	ole. Updated GNS-530W Main SW to Ver			
The Altimeter/Static /Automatic Pressure Altit been tested and inspected and found to comp 43 as required by CFR Parts 91.411 and 91.4				
				N P
This aircraft and/or components identified above the Federal Air Regulations and were four	were repaired and inspected in accordance with do to be airworthy for return to service.			
Signature M L	Certificate # 2510668			17.74
	ics · CRS #D5IR816J · Novato, CA 949	945 · (415) 892-3511 Hobbs/Tach H2009.1		
The Altimeter/S	atic /Automatic Pressure Altitude/Transponde	r reporting systems have		
been tested and	inspected and found to comply with Appendic by CFR Parts 91 411 and 91 413. Tested to 25	cies E and F of CFR Part		
			L Washington	
This aircraft and/or c	omponents identified above were repaired Air Regulations and were found to be airwo	and inspected in accordance orthy for return to service.		
Signature	HM.	Certificate #/Type 2510668		
			TANK NAMED IN	
N# N527RS	cs · CRS #D5IR816J · Novato, CA 949 W/O #   5220   Date   2/23/22	45 · (415) 892-3511 Hobbs/Tach 2101.5		
The Altimeter/Str	tic /Automatic Pressure Altitude/Transponder	reporting systems have		
43 as required by	CFR Parts 91.411 and 91.413. Tested to 25	k ft.		
This aircraft and/or co	mponents identified above were repaired a	and inspected in accordance		
with the Federal A	r Regulations and were found to be airwor	rthy for return to service.		
Signature ////	N.VVL c	ertificate #/Type 2510668		
1/1				

Aircraft Model	Serial Number
Reg #	Owner's Name

		DAT	E/TIME	INSPECTED	COMPLYING	NOTATIONS	NEXT
ITEM			CHECKED	ВУ	AGENCY		DUE
				Novato, CA 94945 - (4			
		-	The second second	5.28.24 Hobbi			
	have been to	ested and i	nspected and found	Ititude/Transponder re to comply with Appen 411 and 91,413. Teste	dicies E and F of		
	This aircraft ar with the Fo	nd/or completeral Air R	onents identified above	re were repaired and inspound to be airworthy for	nected in accordance return to service.		
	oignature_			Cerunc	ate wrype 2375050		BUILD
				10 B		K. U. a.S.	
	Mary						
		804					
						S. W. Land	la si

## RAYTHEON SERVICE BULLETIN/SERVICE INSTRUCTION COMPLIANCE LOG

Aircraft Model	A36	Serial Number	E-3222
Reg#	N3222B	Owner's Name	

NUMBER	TITLE	REF. A.D.	REGUR. INSP.	DUE	COMPLY	LOG ENTRY
SB 2693	DOORS	97-14-15	RECUR.	As nevs done handle removal	01-21-99	X
				Robert Alliband RAYTHEON AIRCRAFT CO.		
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				Same,		
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	AND THE REAL PROPERTY OF THE PARTY OF THE PA					