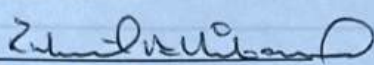
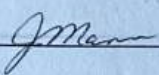
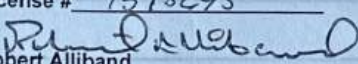

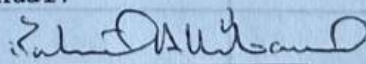


MAINTENANCE/INSPECTION ENTRIES

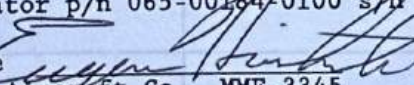
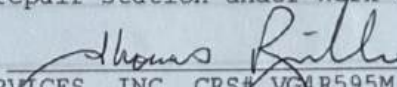
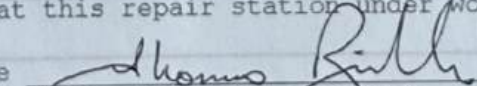
Aircraft Model A36 Serial Number E-3222
 Reg # N3222B Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				EXTERIOR PAINT:		
				Matterhorn White K8042W		
				Black 97U-4378		
				Jade Mist Green 97U-4433		
				Gold Metallic K9137W		
				INSTRUMENT PANEL PAINT:		
				Castle Tan 370-506		
99	01	21	4 30	I Have Inspected This Aircraft And Issued		
			4 cycles	A STANDARD Airworthiness Certificate		
				Dated 01-21-99.		
						
				Robert Alliband		
				FOR RAYTHEON AIRCRAFT CO., DOA, PC#8		
				Interior cabin door handle and utility		
				door handle inspected and found acceptable per		
				Raytheon Service Bulletin No. 2693 by		
				Pilot 		
				License # <u>1513695</u>		
						
				Robert Alliband		
				FOR RAYTHEON AIRCRAFT COMPANY		
Aircraft Log Entry						
Aircraft Model		A36		Date		02-11-1999
Aircraft Serial		E-3222		Hobbs Time		4.5 
Registration No.		N3222B		Hobbs Time		xx.x hrs.
1. Aircraft painted per work order and Raytheon specifications. 2. All control surfaces painted and balanced during prior production. 3. Aircraft reweighed and revised w & b, dated 2-11-99, has been placed in the Airplane Flight Manual.						
Signature 						
Raytheon Aircraft Co. MMF-3345						

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
Aircraft Log Entry						
Aircraft Model		A36		Date		02-16-1999
Aircraft Serial		E-3222				
Registration No.		N3222B		Hobbs Time		5.4
1. Replace KX-155A nav/com transceiver, p/n 069-01032-0101, s/n 6714. 2. Complied with Allied Signal software bulletin #KC 225-SW1 updating the autopilot computer. 2. Complied with Allied Signal installation bulletin #433 using kit 050-03507-0501. Trim fail annunciator p/n 065-00184-0100 s/n 1029.						
Signature				 Raytheon Aircraft Co. MMF-3345		
DATE: 3/09/99 AC S/N: E-3222 REG #: N3222B PAGE: 1 of 1 HOBBS : 23.0 TTAF : 23.0 LANDINGS : W/O : 33601						
MAINTENANCE NOTES:						
1. REPLACED RETAINING CLIP ON LH WING FWD BOLT COVER WITH NEW P/N 35-105005-4.						
I certify that this aircraft and or appliance identified above was repaired and inspected in accordance with current FAA Regulations and is approved for return to service. Pertinent details of this repair are on file at this repair station under work order # 33601 dated 3/09/99.						
Authorized Signature 						
RAYTHEON AIRCRAFT SERVICES, INC. CRS# VG4R595M						
2450 N. WESTSHORE BLVD. TAMPA, FL. 33607						
DATE: 3/23/99 AC S/N: E-3222 REG #: N3222B PAGE: 1 of 1 HOBBS : 27.3 TTAF : 27.3 LANDINGS : W/O : 33617						
MAINTENANCE NOTES:						
1. REPLACED TOW PIN WITH NEW P/N 60-820029-1.						
2. ADJUSTED REAR CABIN DOOR.						
3. ADJUSTED RH INBOARD M/L/G DOOR.						
I certify that this aircraft and or appliance identified above was repaired and inspected in accordance with current FAA Regulations and is approved for return to service. Pertinent details of this repair are on file at this repair station under work order # 33617 dated 3/22/99.						
Authorized Signature 						
RAYTHEON AIRCRAFT SERVICES, INC. CRS# VG4R595M						
2450 N. WESTSHORE BLVD. TAMPA, FL. 33607						

Aircraft: Raytheon A36
S/N: E3222
Reg. N3222B

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

Date: Sept. 20, 1999
Ref. W.O. 7522
H.M. 104.2

1. Reference FAA form 337, Dated 09-20-99, for the installation of the Avidyne 5RR-MFC-Series FSD (Flight Situation Display) with Avidyne 5RR CD-Rom.

The aircraft Weight and Balance/Equipment List data has been revised to reflect this installation. (Weight and Balance report dated, Sept. 20, 1999)

2. Removed Ryan International Corp. TCAD 9900B Processor P/N 70-2400, S/N 981219 and Display P/N 70-2500, S/N 981219. Reinstalled and performed operational test after software upgrade by Ryan International. New software level Display 3.2, Processor 1.07. This software enables TCAD Display on the Avidyne FSD. Reference Maintenance Release Cards from Ryan dated 16 Sept 99.

W.O. NO. 7522 Date Sept 20, 1999

Signed Paul W. Butler

Approved For Return To Service With Respect

To The Work Performed

Raytheon Aircraft Services

Greater Rockford Airport, Rockford, IL 61109

FAA Approved Repair Station No. CGOR815C

A/C RAYTHEON
N3222B
S/N E-3222

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

DATE 09-21-99
WO: 9298, 9455
HM: 104.2

1. ADJUSTED AIR - CONDITIONING EXPANSION VALVE FOR PROPER OPERATING PRESSURE 28 PSI OVER 180 PSI I/A/W A36 M.M. 21-00.
2. CLEANED CONTAMINANTS FROM FUEL DRAIN IN R/H WING.
3. INSTALLED NEW PILOTS STORM WINDOW SEAL P/N 574.
4. COMPLIED WITH STC SA3598NM COCKPIT SUN VISOR INSTALLATION IN ACCORDANCE WITH FAA- APPROVED ROSEN DRAWING LIST # RBB-00DL, DATED AUGUST 25, 1986, OR LATER FAA- APPROVED REVISIONS. INSTALLED IN AIRFRAME LOG BINDER SUPPLEMENT SECTION A COPY OF DRAWING # RBB-400 REV. A., AND INSTRUCTION FOR CONTINUED AIRWORTHINESS FOR ROSEN SUNVISORS
5. COMPLIED WITH STC SA-1629 BY THE INSTALLATION OF WING TIP FUEL TANKS IN ACCORDANCE WITH J.L. OSBORNE INSTALLATION INSTRUCTIONS AS LISTED ON AML NO SA-1629, OR LATER FAA APPROVED REVISION. ATTACHED FAA APPROVED AIRPLANE FLIGHT MANUAL SUPPLEMENT P/N 96044 TO THE POH. INSTALLED IN THE AIRFRAME LOG BINDER SUPPLEMENT SECTION A COPY OF P/N 1192 WING TIP INSTALLATION INSTRUCTIONS AND P/N 668-7-8 CONTINUED AIRWORTHINESS MANUAL.
6. NEW AIRCRAFT EMPTY WEIGHT; 2661.5, ARM; 79.13, MOMENT; 207742.4

W.O. NO. 9298 + 9455 Date 9-21-99

Signed Thomas G. Stith

Approved For Return To Service With Respect
To The Work Performed

RAYTHEON AIRCRAFT SERVICES

Greater Rockford Airport, Rockford, IL 61109

F.A.A. Approved Repair Station No. CGOR815C

MAINTENANCE/INSPECTION ENTRIES

06

RAYTHEON A-36
N3222B
S/N: E-3222

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

DATE: 11-01-99
WO: 9579
H.M: 131.2
AFTT: 131.2

1. REPLACED LANDING LIGHT LAMP, P/N 4596, WITH NEW UNIT PER MM 33-40-00. OPS. CHECK OK.
2. ADJUSTED L/H COWL DOOR LATCH AS REQUIRED PER MM 71-10-00.

W.O. NO. 9579 Date 11-1-99
Signed Michael R. Thomas
Approved For Return To Service With Respect
To The Work Performed
RAYTHEON AIRCRAFT SERVICES
Greater Rockford Airport, Rockford, IL 61109
F.A.A. Approved Repair Station No. CGOR815C

RAYTHEON A-36
N3222B
S/N: E-3222

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

DATE: 11-11-99
WO: 9579
H.M: 131.8
AFTT: 131.8

1. INSTALLED LANDING LIGHT RESISTOR KIT 36-3021-1, S/N 853, PER KIT INSTALLATION INSTRUCTIONS. REPLACED LANDING LIGHT LAMP, P/N 4596, WITH NEW UNIT PER MM 33-40-00. OPS. CHECK OK.
2. ADJUSTED R/H FLAP AS REQUIRED PER MM 27-50-00.
3. CLEANED AND RESET TIP TANK FUEL QUANTITY INDICATOR, REINSTALLED GLARESHIELD REMOVED FOR ACCESS. PER MM 39-10-00. TIP TANK FUEL QUANTITY OPS. CHECK OK.

W.O. NO. 9579 Date 11-12-99
Signed Thomas G. Helling Jr
Approved For Return To Service With Respect
To The Work Performed
RAYTHEON AIRCRAFT SERVICES
Greater Rockford Airport, Rockford, IL 61109
F.A.A. Approved Repair Station No. CGOR815C

MAINTENANCE/INSPECTION ENTRIES

Air

A/C: A36
N3222B
S/N: E-3222

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

DATE: 03-08-00
WO# 7790
HM: 167.5

Re

- COMPLIED WITH MSB 22-3393. REMOVED PITCH SERVO P/N 065-00178-2500, S/N 1853 FOR REPAIR. REINSTALLED SERVO REPAIRED BY HONEYWELL UNDER WORK ORDER AM6362.

W.O. NO	7790	Date	3-8-00
Signed	<i>[Signature]</i>		
Approved For Return To Service With Respect To The Work Performed RAYTHEON AIRCRAFT SERVICES Greater Rockford Airport, Rockford, IL 61109 F.A.A. Approved Repair Station No. CGOR815C			

RAYTHEON A-36
N3222B
S/N: E-3222
IO-550-B
S/N 684009

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

DATE: 03-07-00
WO: 9793
HRS: 167.5
AFTT: 167.5
ETT: 167.5

- C/W ANNUAL INSPECTION I/A/W BEECH INSPECTION FORM P/N 98-32227H AS APPROVED PER FAR 91.409(F)(3).
- AD NOTES & MSB CHECKED THROUGH 2000-3 ISSUE. CURRENT LIST WITH MAINTENANCE RECORDS.
- VERIFIED PILOTS OPERATING HANDBOOK IS CURRENT WITH P/N 36-590002-37A9 REVISION INSTALLED.
- AD 99-19-01 ENGINE CRANKSHAFT VISUAL & ULTRASONIC INSPECTION, PER (A)(1) P/CW I/A/W CSB 99-3 (4-29-99).
- AD 98-25-10R1- AIRCRAFT BELTS, INC. N/A BY P/N.
- C/W AD 84-26-02 - ENGINE INDUCTION AIR FILTER REPLACEMENT P/N 35-380035-7
- C/W FAR 91.407(D) - ELT ANNUAL INSPECTION, BATTERY REPLACEMENT DATE DUE 12-00.
- C/W CL1 SI 0632-280R1 FUEL CELL SEEPAGE INSPECTION.
- C/W CL1 SI 0166-258R1 INDUCTION SYSTEM FLEX DUCT INSPECTION.
- C/W MSB 53-3341 BY INSTALLING MISSING RIVETS TO R/H FUSELAGE.
- C/W MSB 53-3375 - FUSELAGE FIREWALL SEALANT INSP / INSTALL. APPLIED FIREWALL SEALANT P/N PS700 AS REQUIRED.
- C/W RSB 34-3236R2 - NAVIGATION - Y2K INSPECTION, NO ANOMALIES FOUND.
- C/W RETORQUE OF WING BOLTS I/A/W M/M 57-00-00.
- ADJUSTED L/H FWD COWL DOOR CATCH PIN AS NEEDED I/A/W M/M 71-10-00.
- ADJUSTED MLG UP-LOCK CABLE TENSIONS TO (L60)(R58) I/A/W M/M 32-00.
- ADJUSTED L/H OUTBOARD GEAR DOOR RIGGING I/A/W M/M 32-00.
- INSTALLED NEW FUEL PUMP BLAST TUBE P/N 92-606-159-00.
- INSTALLED NEW L/H NAV / STROBE LENS COVER P/N 555000-35.
- REMOVED ENGINE WINTER BAFFLES.
- INSTALLED NEW R/H WING INBOARD STATIC WICK P/N DD1W.

MAINTENANCE/INSPECTION ENTRIES

RAYTHEON A-36
N3222B
S/NE-3222
IO-550-B
S/N 684009

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

DATE: 03-07-00
WO: 9793
HRS: 167.5
AFTT: 167.5
ETT: 167.5

21. INSTALLED NEW L/H INBOARD ELEVATOR STATIC WICK P/N DD1W.
22. INSTALLED NEW R/H FUEL SUMP DRAIN P/N CCA 3400. AND LEAK TESTED I/A/W M/M 28-00-00.
23. INSTALLED NEW L/H FLAP UP-STOP BUMPER P/N 4988 I/A/W M/M 27-50-00.
24. INSTALLED NEW CABIN HEAT DUCT P/N 115167DXX081343.
25. INSTALLED NEW A/C EVAPORATOR FILTER P/N 106-555011-15.
26. INSTALLED NEW P/N MS25231-313 INST. PANEL FLOOD LAMP, & REPLACED PIN # 5 OF J1/P31 WIRING CONNECTOR.
27. INSTALLED NEW J.L. OSBORNE FUEL TIP TANK DUEL FUEL QTY. GAGE P/N 55027D S/N L99572. I/A/W STC SA4-1629. OPS CHECKED GOOD. (S/N OF REMOVED GAGE 699505).
28. FLIGHT CHECKED GEAR UP WARNING HORN FUNCTION. HORN SOUNDED AT 12 " AS REQUIRED I/A/W M/M 32-60-00.
29. RESEALED WINDSHIELD / FRAME EDGE WITH 1425 B ½ SEALANT I/A/W M/M 56-10-00.

SHEET 2 OF 2.

I certify that this (aircraft) (engine) has been inspected in accordance with a Annual inspection and determined to be in airworthy condition. Pertinent details of this inspection are on file at this agency under work order No. 9793 Date 3-13-00

Signed [Signature] for

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

AIRFRAME LOGBOOK ENTRY FOR E-3222
MAY 3, 2000 H.M. 195.2 W.O. NO. 42068
EXCHANGED PITCH SERVO, P.N. 065-00178-2500, SR. NO. REMOVED, 1853, REPLACED BY SER. NO. 3134. OPERATION TESTS SATISFACTORY PER A.C. MAINT MAN CHAPTER 23-10.

Signed [Signature] Title Plant Supv
Certified Repair Station #BWVR672C
RAYTHEON AIRCRAFT SERVICES, INC.
P. O. Box 9162 WICHITA, KANSAS

MAINTENANCE/INSPECTION ENTRIES

11

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS	
Timmerman Field Milwaukee, WI		GRAN-AIRE, INC. F.A.A. APPROVED REPAIR STATION NO. AZOR351C	Phone: (414) 461-3222 Fax: (414) 461-8207	
7	14	99	Hobbs 83.	Changed oil and filter, added 11 qts. Aeroshell W100. Performed run up, leak check, no leaks found.
<p>With respect to the work performed on this aircraft and/or engine identified above, Gran-Aire inspected and/or repaired it in accordance with Federal Aviation Regulations and found it airworthy for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>8216</u></p> <p>Date <u>7/14/99</u> Signed <u>Kerry P. Buttker</u></p>				
Timmerman Field Milwaukee, WI		GRAN-AIRE, INC. F.A.A. APPROVED REPAIR STATION NO. AZOR351C	Phone: (414) 461-3222 Fax: (414) 461-8207	
9	30	99	Hobbs 110.	C/W AD 72-22-01, dated 10/25/72, by lubricating landing gear uplock rollers, next due 210 hobbs. lubricated all other landing gear grease fittings.
<p>With respect to the work performed on this aircraft and/or engine identified above, Gran-Aire inspected and/or repaired it in accordance with Federal Aviation Regulations and found it airworthy for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>8339</u></p> <p>Date <u>9/30/99</u> Signed <u>Kerry P. Buttker</u></p>				
Timmerman Field Milwaukee, WI		GRAN-AIRE, INC. F.A.A. APPROVED REPAIR STATION NO. AZOR351C	Phone: (414) 461-3222 Fax: (414) 461-8207	
9	30	99	Hobbs 110.	Changed oil and filter, added 11 qts. Aeroshell 15w/50. Cut open filter and inspected, found no foreign debris. Performed run up, leak check, no leaks found.
<p>With respect to the work performed on this aircraft and/or engine identified above, Gran-Aire inspected and/or repaired it in accordance with Federal Aviation Regulations and found it airworthy for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>8339</u></p> <p>Date <u>9/30/99</u> Signed <u>Kerry P. Buttker</u></p>				
Timmerman Field Milwaukee, WI		GRAN-AIRE, INC. F.A.A. APPROVED REPAIR STATION NO. AZOR351C	Phone: (414) 461-3222 Fax: (414) 461-8207	
6	8	00	Hobbs 203 hrs.	Changed oil and replaced filter. Serviced engine with 10qts 15w-50 oil and added two cans of Avblend oil additive. Performed run-up and checked for leaks. Adjusted idle speed and idle mixture setting.
<p>With respect to the work performed on this aircraft and/or engine identified above, Gran-Aire inspected and/or repaired it in accordance with Federal Aviation Regulations and found it airworthy for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>8734</u></p> <p>Date <u>6/8/00</u> Signed <u>Kerry P. Buttker</u></p>				

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
AIRFRAME LOG RAYTHEON AIRCRAFT MODEL A36 SN: E-3222 REG # N322ZB 10/5/2000 FHM: 228.0 CHANGED REGISTRATION FROM N3222B TO N322ZB AND CHANGED CALL PLACARD AND RESTRAPPED TRANSPONDER. I CERTIFY THAT THIS AIRCRAFT AND OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE REF R.A.S. WO # 04-18070				Signed <u>[Signature]</u> Title <u>[Signature]</u> Certified Repair Station #BWVR672C RAYTHEON AIRCRAFT SERVICES, INC. P. O. Box 9162 WICHITA, KANSAS		
November 6, 2000 N322ZB, RAC A-36 S/N: E-3222 Meter: 0256.1				Raytheon <i>Authorized Service Center</i> Mather Aviation LLC Hayward Executive Airport FAA CRS No. Z4MR560Y WO#: 600931		
This is a permanent part of the Aircraft Records. The following maintenance, repairs or replacements were accomplished.						
1. Removed and dis-assembled nose landing gear wheel and tire assembly, replaced 500X5, 4PR tire PN 301-015-420, re-assembled, serviced, balanced and reinstalled in accordance with M/M Chapter 32-20-00.						
Technician(s): S. Yoon This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Repair Station.						
Inspector: <u>[Signature]</u> S.A. Wilbur for CRS# Z4MR560Y						

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____
 Reg # _____ Owner's Name _____

DATE			TIME HOURS	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D				

DBM 

800-835-4392

Mail to: P.O. Box 167
 Chesterfield, MO. 63006-0167

N3222B

E3222

12/04/2000

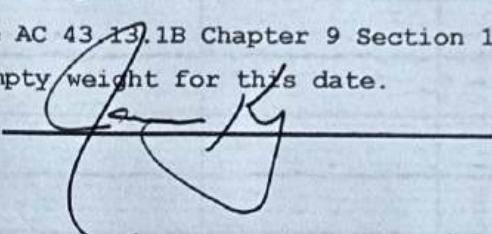
Performed the following modifications and or replacements as per the
 STC numbers listed below.

Thermal Pane windows as per STC SA3759NM

For Continued Airworthiness see AC 43.13.1B Chapter 9 Section 1.

See 337 form and new empty weight for this date.

C.R.S. SH2R161L



The Aircraft identified above was repaired and/or modified in accordance with the
 current regulations of the Federal Aviation Administration and is approved for return to
 service. Pertinent details of the repair or modification are on file at this repair station
 under order No. AAAA-W102 DBM 3127 Creve Couer Rd. Bangor E-7 Creve Couer MO. 63146

Signature Aircraft Service LLC. 12/28/00

300 County Airport Rd. Vacaville, CA. 95688

TACH: 285.9 TTIS: 285.9

Drained oil and removed filter.

Serviced engine with 12 Qts Aeroshell 15w50 oil.

Installed and saftied new CH48109 oil filter.

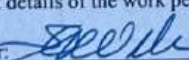
Replaced leaking oil crankcase breather duct PN WAITS-3-14-4.

Serviced battery and inspected engine installation IAW 50hr.
 inspection.

Branka R. Mayes AP569453224IA



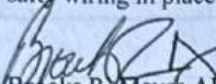
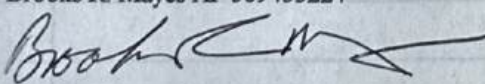

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
			February 7, 2001	Raytheon	Mather Aviation LLC	
			N527RS, RAC A-36	<i>Authorized Service Center</i>	Hayward Executive Airport	
			S/N: E-3222		FAA CRS No. Z4MR560Y	
			Meter: 303.5	AFTT: 303.5	WO#: 601115	
			This is a permanent part of the Aircraft Records. The following inspection, maintenance, repairs or replacements were accomplished.			
			<ol style="list-style-type: none"> 1. Removed FAA Registration Number N322ZB and installed Special FAA Registration Number N527RS as authorized by AC Form 8050-64 issued January 4, 2001. 2. Complied with Airworthiness Directive 2000-26-16 (Amdt. 39-12066) FS 83.00 and 91.00 Rivet Inspection in accordance with RAC MSB 53-3341R1 and found no missing rivets. No further action required. 3. Complied with Honeywell Installation Bulletin Alert 472 inspection of KFC 225 Autopilot Flight Computer Mod Status and found PN 065-00183-2701 serial 1223 with Mods 1 and 2 incorporated. Collared Autopilot Circuit Breaker and placarded Autopilot control "Autopilot Inoperative" per FAR 91.213(d). 4. Replaced landing gear strut placards PN's 35-825197, 96-810020 and 96-810021 in accordance with RAC A-36 M/M Chapter 11-00-00 and 11-20-00. 5. Removed and replaced Air Conditioning Compressor drive belt PN 646293-34.00 in accordance with RAC A-36 M/M Chapter 21-50-00. Operational check satisfactory. 6. Adjusted right aileron cable guide in right main wheel well for proper clearance in accordance with RAC A-36 M/M Chapter 27-10-00. 7. Adjusted right main gear up travel, adjusted left inboard gear door rigging and performed rigging, retraction and extension checks in accordance with RAC A-36 M/M Chapter 32-30-00. No malfunctions or defects detected. Serviced struts in accordance with RAC A-36 M/M Chapter 12-20-00. 8. Removed and replaced left cowl door anti-chafe tape. 9. Adjusted cabin door for proper closure and latch engagement in accordance with RAC A-36 M/M Chapter 25-00-00. 10. Repaired air conditioning outlet leather trim stitching and secured to grill with upholstery adhesive. 11. Leveled aircraft in accordance with RAC A-36 M/M Chapter 8-00-00. Adjusted turn coordinator position for level in the panel in accordance with RAC A-36 M/M Chapter 20-00-00. 12. Removed and replaced fuel selector valve handle cotter pin in accordance with RAC A-36 M/M Chapter 28-20-00. 13. Cleaned Copilot and passenger intercom jacks in accordance with RAC A-36 M/M Chapter 23-00-00. 			
			Technician(s): C. D. Cooper, A. Dellanoce, R. Tasse, T. Smith, S. Yoon			
			This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed.			
			Pertinent details of the work performed are on file at this Repair Station.			
			Inspector:  S.A. Wilbur for CRS# Z4MR560Y			

MAINTENANCE/INSPECTION ENTRIES

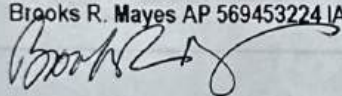
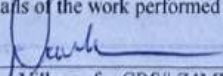
Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				Signature Aircraft Service LLC 6/26/01 300 County Airport Rd. Vacaville, Ca 95688 Hobbs 366.8 TTAF 366.8 Replaced main gear tires with Michelin Air 700 X 6 tires. Replaced radio call placard to match N number. Removed glareshield over instrument panel, stripped damaged paint from surface and treated with preservative. Replaced velcro from standoffs supporting rear decorative bulkhead with machine screws and nut plates. Repaired alternated static valve lever by replacing roll pin and safty wiring in place.  Brooks R. Mayes AP 569453224 IA.		
				Signature Aircraft Service LLC 09/05/01 Tach: 384.7 300 County Airport Rd. Vacaville, Ca 95688 TTIS: 384.7 Serviced Airconditioning system IAW Beech MM Section 12 and 21. Evacuated 134A coolant, Tested system for leaks by applying - 28.8 inches of suction to system. No leaks indicated by test instruments. Injected .25 oz. inspection dye into system and serviced with 1 lb. 143-A coolant. System operates normally. Replaced evaporater fan motor PN 1523820-3. Adjusted Osborn fuel cap tension on tip tanks. Brooks R. Mayes AP 569453224 		
				N527RS S/N E-3222 Beech A36 Total Time 458.0 Removed Bendix/King KC-225 Flight Control Computer P/N 065-00183-2701 s/n 1223. Installed Exchange from KC-225 p/n 065-00183-2701 s/n 1903. This exchange complies with Honeywell Alert #IB 480. Details with Bay Avionics, Inc CRS #WK3R948L on w/o 72605 dated 4-11-2002. BAY AVIONICS FAA CRS #WK3R948L Oakland Airport Oakland, Calif. 		

MAINTENANCE/INSPECTION ENTRIES

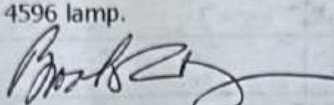
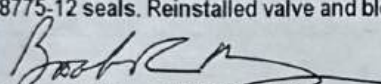
Aircraft Model _____ Serial Number _____
 Reg # _____ Owner's Name _____

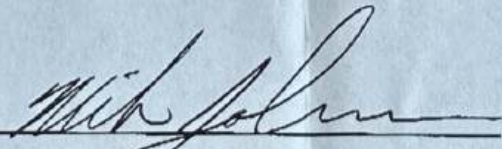
DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
02	5	1	458.4	<p><i>Signature Aircraft Service LLC.</i></p> <p>300 County Airport Rd. Vacaville, CA. 95688 TACH 458.4 TTIS 458.4</p> <p>Performed and completed Annual inspection IAW Beechcraft Service Manual. Dressed and painted propeller face. Serviced battery. Serviced brake reservoirs with hydraulic fluid. Serviced Landing gearbox with Mobile 636-gear grease. Completed retraction, extension and emergency extension landing gear system inspection. Adjusted Rt. up lock cable tension per Beechcraft Service Manual. Replaced Lt. & Rt. Inbd. Fuel caps "O" rings, part number MS29513-338. Cleaned upper wing bolt channels for proper. Replaced Tail light bulb P/N A50828. Inspected ELT IAW FAR 91.207 D for corrosion and operation, replaced battery with Artex ELT 110-4, due date June 04. Completed AD 01-23-10 Flap flex shaft assemblies and actuators, N/A by verifying logs and aircraft. AD 01-11-03 completed by verified Avionics Cooling Blower Circuit Breaker has a 1amp circuit breaker IAW MSB SB 34-3267. Wash aircraft.</p> <p>I certify that this aircraft has been inspected IAW Annual Inspection, and was found to be airworthy.</p> <p>Brooks R. Mayes AP 569453224 JA</p> 		
				<p>Aug 7, 2002</p> <p>N527RS, RAC A-36</p> <p>S/N: E-3222</p> <p>Meter: 490.6 AFTT: 490.6</p> <p>This is a permanent part of the Aircraft Records. The following inspection, maintenance, repairs or replacements were accomplished.</p> <ol style="list-style-type: none"> 1. Removed damaged left elevator in accordance with A36 M/M chapter 27-30-00 and forwarded unit to West Coast Wings for repair by Nicholas E. Bishop A&P 569539512 2. Received repaired unit (see 337 dated 8-7-02) Primed and painted elevator to match finish. 3. Checked elevator balance in accordance with A36mm 55-20-00. Found to be within tolerance @5.1 in/lbs overbalance. 4. Installed left elevator back onto aircraft in accordance with A36 M/M 27-30 and safetied. 5. Lubricated aft entrance door lock and operates smoothly. 6. Removed overspray on forward door jam of aft entrance <p>Technician(s): Dan Villegas</p> <p>This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Repair Station.</p> <p>Inspector:  Dan Villegas for CRS# Z4MR560Y</p>		

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				Signature Aircraft Service LLC 10-02-02 300 County Airport Rd. Vacaville, Ca 95688 N 527RS Hobbs/Tach 513.2 30 1229 Replaced Dry Airpump with Sigma Tek 1U128-006 Serial # T39373H. Corrected leaks in airconditioning system and recharged with 24 oz 134A refrigerant. Tested system for proper operation per chapter 21-50-00 Replaced Taxi light lamp with GE 4596 lamp. Brooks R. Mayes AP569453224 		
				Signature Aircraft Service LLC 11/26/02 300 County Airport Rd. Vacaville, Ca 95688 N527RS Tach: 538.2 TTIS: 538.2 Removed parking brake valve and replaced 3 ea MS 28775-10 seals and 2 ea MS 28775-12 seals. Reinstalled valve and bled brakes per Raytheon MM Chapter 32-40.  Brooks R. Mayes AP 569453224		
				<div style="display: flex; justify-content: space-between;"> <div> May 29, 2003 N527RS, RAC A-36 S/N: E-3222 Meter: 609.7 AFTT: 609.7 </div> <div style="text-align: center;"> Raytheon Authorized Service Center </div> <div> Mather Aviation LLC Hayward Executive Airport FAA CRS No. Z4MR560Y WO#: 603408 </div> </div> <p>This is a permanent part of the Aircraft Records. The following inspection, maintenance, repairs or replacements were accomplished.</p> <ol style="list-style-type: none"> 1. Complied with Annual inspection in accordance with RAC Maintenance Manual p/n 36-590001-9A22, revised November 10, 2000, Chapter 5-20-00. 2. Complied with AD 2002-09-08, found affected blade S/N's not installed. No further action required. 3. Complied with AD 1996-12-22, found engine does not have Cessna oil filter adapter installed. 4. Complied with SI 0166-258R1 flexible air duct inspection. No defects noted. 5. Complied with SI 0632-28R1 fuel cell seepage inspection. No defects noted. 6. Complied with cylinder compression test per TCM SB 03-3. #1 54/80, #2 52/80, #3 57/80, #4 2/80, #5 52/80, #6 50/80. Mather orifice 40psi. 7. Complied with 100, 300 and 600 Hour lubrication items per RAC A-36 M/M chapter 12-20-00. 8. Complied with FAR 91.207 (d) ELT inspection & test. No defects noted. Battery replacement date JULY 2004. 9. Complied with 500 HR landing gear retract motor brush replacement by installing P/N 27-8-3002 (2ea) brushes per RAC A-36 M/M chapter 32-30-00. Performed several retract and extension cycles to seat brushes. Operational check satisfactory. 10. Complied with 12 month induction filter replacement by installing P/N 35-380035-7 filter per RAC A-36 M/M chapter 71-60-00. 11. Complied with aileron trim tab free play check per RAC A-36 M/M chapter 27-11-00. No defects noted. 12. Complied with heater heat exchanger pressure check per RAC A-36 M/M chapter 21-40-00. No defects noted. 		

FACSIMILE TRANSMISSION		Ref : JV/0703-03
Raytheon Aircraft	Raytheon Aircraft Company P.O. Box 85 Wichita KS 67201-0085 United States of America	No. of Sheets 3 (Inc. Lead Sheet)
Beech		Date 15 MAY 2003
Hawker		
From: JOE VONDRACEK REPAIR ENGINEER REPAIR DESIGN OFFICE		Fax No. +1 (316) 676 2039 If message is not received completely please contact +1 (316) 676 7948.
To : KEVIN KELLEY MATHER AVIATION, LLC Fax No : 510 264 5582		URGENT *****
		PRIORITY
		ROUTINE
<p>CC: STEVE STITCHER - RAYTHEON CUSTOMER SUPPORT</p> <p>AIRCRAFT S/N E-3222 FASTENER SUBSTITUTION, VERTICAL STABILIZER, REAR SPAR ATTACH FITTING REF FAX DATED 5/15/03</p> <p>RAYTHEON AIRCRAFT COMPANY HAS ASSESSED THE REQUEST FOR FASTENER SUBSTITUTION ON THE VERTICAL STABILIZER, REAR SPAR ATTACH FITTING AS DETAILED IN THE ABOVE REFERENCED FAX. THIS MUST BE REPAIRED IN ACCORDANCE WITH FIELD REPAIR FR-PI-00127, REV "-". SEE SHEET 2 OF THIS FAX FOR A COPY OF THE FIELD REPAIR. SHEET 3 OF THIS FAX IS A COPY OF THE 8110-ORG FORM GIVING FAA APPROVAL.</p> <p>IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT THE CUSTOMER SUPPORT DEPARTMENT.</p> <p>REGARDS,</p> <p>JOE VONDRACEK</p>		
<p>AUTHORIZED </p> <p>STEVE TALMAN</p>		DQ PI 63958
<p>© RAYTHEON AIRCRAFT COMPANY 1996 All rights reserved. This document is supplied by RAYTHEON AIRCRAFT COMPANY on the express condition that it is to be treated as confidential. No use may be made thereof other than that expressly authorized.</p>		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

THIS REPAIR IS BASED ON INFORMATION PROVIDED BY MATHER AVIATION LLC, FAX DATED 5/15/03
(REF DQ PI63958)

GENERAL NOTES

1. WEIGHT AND BALANCE CHANGE NEGLIGIBLE.
2. EMBODIMENT OF THIS FIELD REPAIR MUST BE RECORDED IN THE AIRCRAFT LOG BOOK STATING THIS FIELD REPAIR NUMBER AND REVISION.

PROCEDURE

1. IT IS ACCEPTABLE TO INSTALL HL18-8 HI-LOK FASTENERS ALONG WITH HL70-8 HI-LOK COLLARS TO FIT PRODUCTION HOLES .250"-.254" DIA IN LIEU OF NAS1428 FASTENERS, IN THE POSITIONS NOTED IN THE DAMAGE REPORT.

APPLICABLE TO AIRCRAFT S/N E-3222

FIELD SERVICE NOTE

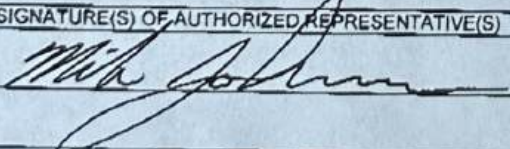
THIS REPAIR DRAWING HAS BEEN PREPARED FOR A SPECIFIC REPAIR TO A SPECIFIC AIRCRAFT OR COMPONENT ON THE BASIS OF INFORMATION SUPPLIED TO RAYTHEON AIRCRAFT COMPANY BY THE PERSON RESPONSIBLE FOR ARRANGING THE REPAIR OR HIS AGENT. THE USE OF THE DRAWING ON ANY OTHER AIRCRAFT OR COMPONENT MAY LEAD TO AN UNSAFE REPAIR AND THEREFORE THE DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSE THAN FOR WHICH IT WAS ORIGINALLY SUPPLIED WITHOUT THE WRITTEN APPROVAL OF RAYTHEON AIRCRAFT COMPANY.

STANDARD PRACTICE NOTES SEE STANDARD DRAWING 150460		CONTR NO		RAYTHEON AIRCRAFT COMPANY WICHITA, KANSAS					
		DFTSMN J Vondracek (5/15/03)							
		CHKR <i>D. Z...</i> (05/15/03)		FIELD REPAIR- FASTENER SUBSTITUTION, VERTICAL STABILIZER, REAR SPAR ATTACH FITTING					
		LEAD ENGR							
		STRUCT <i>M. Johnson</i> 5/15/03							
		PROD							
RAC APPD <i>L. Mandy</i> 5/15/03		SIZE	CAGE CODE	DWG NO	REV				
		A	70898	FR-PI-00127	-				
CUSTOMER APPD		SCALE	NONE		SHEET	1 OF 1			

980-32552
Revised: 04/2002

Reference EDS047
DOC0000117133 R1V1

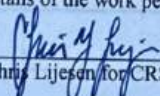
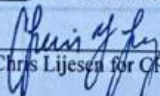
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U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			DATE May 15, 2003
STATEMENT OF COMPLIANCE WITH THE AIRWORTHINESS STANDARDS			FAA Project No.
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Raytheon	MODEL NO. A36	TYPE (Airplane, Rotor, Helicopter, etc.) Airplane	Name of Applicant/Authorization No. Raytheon Aircraft Company/ DOA-230339-CE
Reference Letter No. 940-2003-05-264		LIST OF DATA	
IDENTIFICATION Field Repair FR-PI-00127 Rev -	TITLE "Field Repair - Fastener Substitution, Vertical Stabilizer, Rear Spar Attach Fitting"		
<p><u>Notes:</u></p> <ol style="list-style-type: none"> 1) The structural aspects only of the above listed data are approved herein. This approval is only for the engineering design data. 2) This approval is valid only for model A36 aircraft, serial number E-3222 and constitutes DOA approval of the data listed herein and is not valid for any other purpose or application. 			
PURPOSE OF DATA. In Support of Field Repair FR-PI-00127, Rev -			
APPLICABLE REQUIREMENTS (List specific sections) C.A.R. 3.171, .172, .173, .291, .292, .293, .294, .295, .301			
<p>CERTIFICATION - As directed by the Administrator and in accordance with conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered ----- have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards</p> <p>I Therefore <input type="checkbox"/> Recommend approval of these data <input checked="" type="checkbox"/> Approve these data</p>			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)		NAME	CLASSIFICATION(S)
		Mike Johnson	Structures

FAA Form 8110-ORG

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____
 Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				13. Removed fuel sump drains LH and RH P/N CCA3400 and installed new unit same P/N per RAC A-36 M/M chapter 28-10-00. Leak check satisfactory.		
				14. Serviced and cleaned battery and battery box per RAC A-36 M/M chapter 24-00-00.		
				15. Replaced nose wheel cones P/N LM67048 (2ea) and bearings P/N LM67010 (2ea) with new parts same P/N. Re-greased and installed on aircraft per RAC A-36 M/M chapter 32-40-00. Serviced all tires to manufacturers specifications.		
				16. Installed new grease seal P/N 154-03200 and snap ring P/N 155-00200 on NLG wheel per RAC A-36 M/M chapter 32-10-00.		
				17. Removed non-illuminating landing light and installed new unit P/N 4596 per RAC A-36 M/M chapter 33-40-00. Operational check satisfactory.		
				18. Removed old sealant from windscreen and installed new sealant P/N CS 3204 B1/2 per RAC A-36 M/M chapter 56-10-00.		
				19. Installed new emergency exit latch cover plate P/N 106-530050-1.		
				20. Applied touch-up paint to LH fuel cap.		
				21. Re-secured fuel selector placard.		
				22. Installed new baggage compartment placard P/N 36-530131-19.		
				23. Installed new AFT baggage compartment bulkhead trim strip P/N 58-530137-45 per RAC A-36 M/M chapter 25-20-00.		
				24. Re-secured #2 com volume knob.		
				25. Re-positioned LH flap cable clamp to prevent contact with LH MLG retract rod.		
				26. Adjusted NLG up tension per RAC A-36 M/M chapter 32-30-00. Extension and retraction check satisfactory.		
				27. Adjusted LH MLG up-lock roller clearance per RAC A-36 M/M chapter 32-30-00. Extension and retraction check satisfactory.		
				28. Removed vertical stabilizer and rudder assembly. Removed vertical stabilizer rear spar fitting P/N 33-640000-17 and installed new fitting P/N 33-640000-99 with the following rivets:		
				<ul style="list-style-type: none"> • MS 20426AD 5-5 (8ea) • HL 18-8-4 pins (8ea) and HL 70-8 collars (8ea) per RAC Field Repair Drawing # FR-PI-00127 • MS 20470AD 4-5 (20ea) • MS 20470 AD 4-6 & 8 (3ea) • MS 20470 AD 5-6 & 8 (2ea) 		
				Re-installed vertical stabilizer and rudder per RAC A-36 M/M chapter 27-30-00.		
				Technician(s): K. Kelly, L. Seiling, S. Yoon		
				This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Repair Station.		
				Inspector:  Chris Lijesen for CRS# Z4MR560Y		
				May 29, 2003		
				I certify that this Aircraft has been inspected in accordance with an FAR 91.409(a)(1) ANNUAL INSPECTION , was determined to be in an airworthy condition, and is approved for return to service.		
				Inspector:  Chris Lijesen for CRS# Z4MR560Y		

Justin P. Louw A&P 566870265

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y M D	HOURS			
October 6, 2004				
N527RS, Beech A36		Mather Aviation LLC		
S/N: E-3222		Sacramento Mather Airport, CA 95655		
AFTT: 747.6		FAA CRS No. PCPR439B		
	Hour Meter: 747.6	WO#: 408710		
This is a permanent part of the Aircraft Records.				
1. Complied with all service and inspection items in accordance with the Mather Aviation's 100 Hour/Annual Inspection Checklist P/N MA100SE and FAR Part 43 Appendix D.				
2. Complied with the following airworthiness directives:				
<ul style="list-style-type: none"> Complied with AD 98-23-01 by removing pump P/N 212CW, S/N 7AP200 and installing new P/N 212CW, S/N B8212. No further action required. AD 2000-05-24, paragraph (e) checked and found previously complied with 2/7/2001, 303.5 AFTT. No further action required. 				
3. The following special inspections have been complied with:				
<ul style="list-style-type: none"> Complied with FAR 91.207 (d) by visual and operational inspection of the ELT. Battery replacement next due 9/2006. Complied with STC# SA1629 instructions for continued airworthiness by installing new Osborne fuel tip tanks. Complied with STC# SA00072BO instructions for continued airworthiness by ground test of Avidyne system satisfactory. Complied with BFG Weather Stormscope instructions for continued airworthiness by ground test of system satisfactory. 				
4. The following repairs and part replacements have been accomplished:				
<ul style="list-style-type: none"> Adjusted air conditioner door extend micro-switch in accordance with Beech Bonanza Series Maintenance Manual, chapter 27-20-00. Adjusted idle RPM to 650. Adjusted vacuum relief valve as required. Adjusted elevator trim tab actuator cable tension in accordance with Beech Bonanza Series Maintenance Manual, chapter 27. Adjusted rudder tab as required. Re-orientated L/H and R/H fuel sending units as required. Replaced belly drain tube grommet with new. 				
Technician: G. Schlimmer and E. Burns				
This aircraft is approved for return to service only with respect to the work performed.				
Inspector: <u>Kerry D. Glavich</u>				
Kerry D. Glavich for CRS# PCPR439B				
October 6, 2004		AFTT: 747.6		
I certify that this aircraft has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition, and is approved for return to service.				
Inspector: <u>Kerry D. Glavich</u>				
Kerry D. Glavich for CRS# PCPR439B				
Date: 10/6/04				
N527RS, Beech A-36				
S/N: E-3222				
Hour Meter: 748.1				
I certify an operational check of the maintenance performed has been accomplished in accordance with FAR 91.407 (b) this date and time in service.				

Pilot Signature

Randall J. SmithFAA Pilot Certificate No.: 565191381

MAINTENANCE/INSPECTION ENTRIES

24

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				December 22, 2004 N527RS, Beech A36 S/N: E-3222 AFTT: 778.2 Hour Meter: 778.2 This is a permanent part of the Aircraft Records . Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished: 1. Replaced R/H navigation light bulb with new. The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed. Technician(s): R. Vosburg Inspector: <u>Kerry D. Glavich</u> Kerry D. Glavich for CRS# PCPR439B	Mather Aviation LLC Sacramento Mather Airport, CA 95655 FAA CRS No. PCPR439B WO#: 409045	
				February 16, 2005 N527RS, Beech A36 S/N: E-3222 Hour Meter: 778.2 825.4 This is a permanent part of the Aircraft Records . Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished: 1. Secured air conditioning evaporator outlet hose and charged system with 2 pounds R134A refrigerant. 2. Removed GPS annunciator control unit P/N MD41-1328, S/N 11360 for repair by CRS# OL2R061L and reinstalled. 3. Charged aircraft battery as required. 4. Touched up exterior paint as required. 5. Repaired engine heater 110-volt plug wires in accordance with AC 43.13-1B, Chapter 11, Section 8 as required. The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations with respect to the work performed. Technician(s): R. Vosburg, E. Burns, G. Schlimmer and T. Judson Inspector: <u>Kerry D. Glavich</u> Kerry D. Glavich for CRS# PCPR439B	Mather Aviation LLC Sacramento Mather Airport, CA 95655 FAA CRS No. PCPR439B WO#: 409174	
				March 10, 2005 N527RS, Beech A36 S/N: E-3222 Hour Meter: 825.5 This is a permanent part of the Aircraft Records . Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished: 1. Removed fuselage tail bottom skin and replaced with new 2024T3, .025 aluminum sheet conforming to aircraft manufacture specifications and AC 43.13-1B, Chapter 4, Section 4. Technician(s): G. Schlimmer and R. Schondel The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations with respect to the work performed. Inspector: <u>Kerry D. Glavich</u> Kerry D. Glavich for CRS# PCPR439B	Mather Aviation, LLC Sacramento Mather Airport, CA 95655 FAA CRS No. PCPR439B WO#: 409260	

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				March 11, 2005 N527RS, Beech A36 S/N: E-3222 Hour Meter: 825.5 This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished: 1. Reinstalled air conditioning door actuator rod retaining nut. 1. Painted fuselage tail bottom skin to match. 2. Replaced oil pan aft bolt o-ring washer with new. 3. Replaced tail navigation light bulb with new P/N A508-28. Technician(s): G. Schlimmer The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations with respect to the work performed. Inspector: <u>Kerry D. Glavich</u> Kerry D. Glavich for CRS# PCPR439B	Mather Aviation, LLC Sacramento Mather Airport, CA 95655 FAA CRS No. PCPR439B WO#: 409291	
				May 12, 2005 N527RS, Beech A36 S/N: E-3222 Hour Meter: 836.0 This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished: 1. Serviced nose gear strut with nitrogen in accordance with Pilot's Operating Handbook. 2. Serviced nose wheel shimmy damper with MIL-H-5606 hydraulic fluid and reinstalled. 3. Adjusted R/H wing flap actuator rod in accordance with RAC A36 Maintenance Manual, Chapter 27. 4. Adjusted idle speed to 750 RPM. 5. Replaced L/H and R/H fuel cap o-rings with new. 6. Adjusted elevator trim tab actuator rod end hardware torque in accordance with RAC A36 Maintenance Manual, Chapter 27. 7. Retorqued forward engine oil pan bolts. Technician(s): G. Schlimmer and T. Mula The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations with respect to the work performed. Inspector: <u>Kerry D. Glavich</u> Kerry D. Glavich for CRS# PCPR439B	Mather Aviation, LLC Sacramento Mather Airport, CA 95655 FAA CRS No. PCPR439B WO#: 409424	

Date 9/28/2005

W/O# 5587

**WOODLAND
AVIATION INC**

Airframe Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach Time 874.5

INSTALLED ENGINE TECHNOLOGIES INC TURBO NORMALIZING SYSTEM, UNDER STC# SA5223NM IN ACCORDANCE WITH TORNADO ALLEY TURBO DRAWING LIST TAT-B-MDL, REV NC, DATED SEPTEMBER 29, 1999 OR LATER FAA APPROVED REVISION. SEE 337 FOR DETAILS. REPLACED COMPONENTS AS FOLLOWS, THROTTLE BODY P/N FT-B8.5/1-442 S/N J287205RA, CONTROLLER P/N 470688-5 S/N 01931, WASTEGATE P/N 470908-11 S/N FB093, PRESSURE RELIEF VALVE P/N 470930-4 S/N JCR0111, TURBOCHARGER P/N 406610-9029 S/N RIR0104.

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

Shawn Matthies

Date 9/28/2005

W/O# 5661

**WOODLAND
AVIATION INC**

Airframe Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach Time 874.5 COMPLETED AN ANNUAL INSPECTION THIS DATE USING RAYTHEON INSPECTION FORM P/N 98-32227J. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS.

TTAF 874.5 COMPLIED WITH AIRWORTHINESS DIRECTIVE 87-14-15 EFFECTIVE 8-2-97, AND SERVICE BULLETIN 52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO DISCREPANCIES NOTED.

Eng TSO NA

Prp TSN 126.9 COMPLIED WITH RAYTHEON MANDATORY SERVICE BULLETIN 27-3459 BY VERIFICATION OF GUST LOCK PART NUMBER. CORRECT GUST LOCK FOUND IN AIRCRAFT. NO DISCREPANCIES NOTED.

Prp TSO NA COMPLIED WITH TCM SI X30531-3, 500 HOUR INSPECTION OF ALTERNATOR BY INSTALLATION OF ALTERNATOR P/N 649304 S/N G289505 AFTER INSPECTION AND REPAIR BY "AIRCRAFT ELECTRICAL COMPONENTS INC." CRS# S7HR883J PER WO# 28711. FUNCTION CHECKED NORMAL.

C/W S.I. 0166-258R1- INSPECTED FLEX DUCTS AND FOUND NORMAL.

C/W S.I. 0488-281R2- CHECKED FUEL VENT SYSTEM.

C/W S.I. 0632-280R1- INSPECTED WINGS FOR FUEL SEEPAGE, NONE NOTED.

INSTALLED NEW INLET AND INLINE INSTRUMENT FILTERS FOR PRIMARY AND STANDBY SYSTEMS PER RAYTHEON SERVICE BULLETIN 05-3481.

COMPLIED WITH 12-MONTH VISUAL INSPECTION AND PHYSICAL REWEIGH OF PORTABLE FIRE EXTINGUISHER.

-INSTALLED NEW L/H MAIN TIRE P/N 070-313-0 S/N 4059W00387, TORQUED WHEEL HALVES TO 150 IN. LBS., BALANCED WHEEL ASSEMBLY AND REINSTALLED AND SAFETIED.

-INSTALLED NEW NOSE TIRE P/N 070-312-0 S/N 3172W00083, TORQUED WHEEL HALVES TO 90 IN. LBS., INSTALLED ON AIRCRAFT AND SAFETIED.

-INSTALLED NEW P/N 131765-1F PROPELLER CONTROL CABLE ROD END, FUNCTION CHECKED NORMAL.

-CLEANED OFF OLD SEALANT AND RESEALED WINDSHIELD WITH PRC.

-INSTALLED NEW P/N 36-430057-1 FUEL STRAINER DOOR PLACARD.

-INSTALLED NEW P/N 35-534470-19 AIR CONDITIONER EVAPORATOR FILTER.

-INSTALLED NEW P/N MS16624-5018 SNAP RINGS FOR THE L/H EMERGENCY EXIT LOWER L/H AND R/H HINGE PINS.

-INSTALLED NEW P/N RA164-02505 L/H BRAKE DISC AND NEW P/N RA66-105 LININGS.

-INSTALLED NEW P/N 60-810081-1 L/H AND R/H MAIN LANDING GEAR UPLOCK CABLE ATTACH BOLT INSTALLATION PLACARDS.

Date 9/28/2005

W/O# 5661

**WOODLAND
AVIATION INC**

Airframe Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

- COMPLIED WITH 100 HOUR WING BOLT RETORQUE. NO DEFECTS NOTED.
- REMOVED SHIMMY DAMPENER, DISASSEMBLED, CLEANED AND INSPECTED. INSTALLED NEW P/N 35-825152 PISTON. REASSEMBLED SHIMMY DAMPENER WITH NEW SEALS, SERVICED AND REINSTALLED ON AIRCRAFT, LEAK AND FUNCTION CHECKED NORMAL.
- ADJUSTED STANDBY INSTRUMENT AIR PRESSURE TO 5.5 PSI. OPERATIONAL CHECK GOOD.
- ADJUSTED ELEVATOR STOPS TO MM SPECS, FUNCTION CHECKED NORMAL.
- ADJUSTED BOTH UPLOCK BLOCK TO ROOLER CLEARANCE TO MM SPECS, FUNCTION CHECKED NORMAL.
- ADJUSTED L/H MAIN LANDING GEAR UP STOP TO MM SPECS, FUNCTION CHECKED NORMAL.
- ADJUSTED L/H MAIN LANDING GEAR UP LOCK CABLE TENSION TO MM SPECS, FUNCTION CHECKED NORMAL.
- INSTALLED NEW LEFT MAIN TIRE AND NOSE WHEEL TIRE.
- REMOVED INSIGHT 610 P/N 610-001 S/N 2218 FOR UPGRADE. REINSTALLED INSIGHT 610 P/N 610-001 S/N 2218 AFTER UPGRADE BY INSIGHT AVIONICS UNDER INVOICE # 98691 INSTALLED TIT HARNESS AND PROBE ASSEMBLY. OPERATIONAL CHECK GOOD.
- REPLACED NUMEROUS RUSTED AND WORN SCREWS, CLAMPS, BONDING STRAPS, NUT PLATES AND ASSORTED HARDWARE.

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

Shawn Matthies

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 9/2006 Signed: *Shawn Matthies*

Shawn Matthies

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed: *Shawn Matthies*

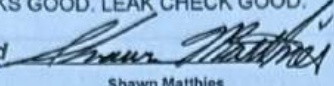
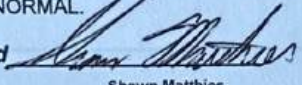

Shawn Matthies

2/2

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
Date	9/30/2005			WOODLAND AVIATION INC Airframe Logbook Entry AIRCRAFT: N 527RS CRS AWKR298C S/N E-3222 Watts Woodland Airport, Woodland, CA 95695		
W/O#	5712					
Tach Time	878.4			TROUBLESHOT FUEL QTY SYSTEM FOR RIGHT FUEL TANK. FOUND OUTBOARD FUEL SENDER READING INTERMITTENTLY. REMOVED OLD SENDER P/N 96-380042-3 S/N 1100. INSTALLED NEW FUEL QTY SENDER P/N 96-380042-3 S/N 1828 WITH NEW GASKET. OPERATIONAL CHECK OF RIGHT FUEL QTY CHECKS GOOD. LEAK CHECK GOOD.	Signed  Shawn Matthies	CRS AWKR 298C
Date	11/10/2005			WOODLAND AVIATION INC Airframe Logbook Entry AIRCRAFT: N 527RS CRS AWKR298C S/N E-3222 Watts Woodland Airport, Woodland, CA 95695		
W/O#	5743					
Tach Time	874.5			INSTALLED NEW SHIPS EGT PROBE P/N 86255. OPERATIONAL CHECK GOOD. REMOVED LEFT TIP TANK FUEL TRANSFER PUMP P/N 55041 AND REPLACED WITH NEW, P/N 55041-24. OPERATIONAL AND LEAK CHECK NORMAL. REPLACED TAIL NAV LIGHT LAMP WITH NEW. OPERATIONAL CHECK NORMAL.	Signed  Shawn Matthies	CRS AWKR 298C
Date	1/17/2006			WOODLAND AVIATION INC Airframe Logbook Entry AIRCRAFT: N 527RS CRS AWKR298C S/N E-3222 Watts Woodland Airport, Woodland, CA 95695		
W/O#	5929					
Tach Time	923.3			INSTALLED A NEW GEM OAT PROBE P/N 1200-021, S/N 06318 AND HARNESS. OAT FUNCTIONAL CHECK IS GOOD.	Signed  Shawn Matthies	CRS AWKR 298C

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____

Serial Number _____

Reg # _____

Owner's Name _____

Date 8/22/2006

W/O# 6755

**WOODLAND
AVIATION INC****Airframe Logbook Entry** AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach Time 987.3 COMPLETED AN ANNUAL INSPECTION THIS DATE USING RAYTHEON INSPECTION FORM P/N 98-32227J. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS.

TTAF 987.3 COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN 52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO DISCREPANCIES NOTED.

Eng, TSN 987.3

Eng TSO NEW C/W S.I. 0632-280R1- INSPECTED WINGS FOR FUEL SEEPAGE, NONE NOTED.

Prp TSN 239.7 C/W S.I. 0166-258R1- INSPECTED FLEX DUCTS AND FOUND NORMAL.

Prp TSO NEW COMPLIED WITH RAYTHEON MANDATORY SERVICE BULLETIN 27-3459 BY VERIFICATION OF GUST LOCK PART NUMBER. CORRECT GUST LOCK FOUND IN AIRCRAFT. NO DISCREPANCIES NOTED. C/W 12 MONTH FIRE EXTINGUISHER REWEIGH AND INSPECTION WITH NO DEFECTS NOTED. COMPLIED WITH RAYTHEON MSB 76-3763 BY INSPECTION OF THROTTLE WARNING/GEAR RETRACTION PREVENTION CAM ATTACHMENT HARDWARE WITH NO DEFECTS NOTED. INSTALLED NEW SELF-LOCKING NUTS P/N 130909N29 ON ACTUATOR RODS. FUNCTION CHECKED NORMAL.

INSTALLED NEW P/N 452-0130 ELT BATTERY, FUNCTION CHECKED NORMAL, NEXT REPLACEMENT DUE 10/08. INSTALLED NEW P/N 203529-2 TAIL NAVIGATION LIGHT BULB, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 01-0770024-15 TAIL RECOGNITION AND STROBE LIGHT SOCKET AND BULB, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 327 WET COMPASS LIGHT BULB, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 327 FUEL SELECTOR LIGHT BULB, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 2515 R/H CENTER OVERHEAD AIR VENT, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 4988 L/H FLAP BUMPER, ADJUSTED TO MM SPEC'S. FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 154-03200 NOSE WHEEL OUTFBOARD GREASE SEAL. INSTALLED NEW P/N 36-555048-3 AIR CONDITIONING COMPRESOR PULLEY AND BELT GAURD. FUNCTION CHECKED NORMAL.

"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND A LIST OF DISCREPANCIES AND UNAIRWORTHY ITEMS DATED 8/22/06 HAS BEEN PROVIDED FOR THE AIRCRAFT OWNER."

DAMON SCHMIDT

Damon Schmidt

DISCREPANCY = LEFT WING, LOWER FORWARD WING BOLT ATTACH FITTINGS HAVE A WASHER INSERTED BETWEEN THE FITTINGS.

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 10/08 Signed: *Damon Schmidt*

Damon Schmidt

Date 8/22/2006

W/O# 6755

**WOODLAND
AVIATION INC****Airframe Logbook Entry** AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach Time 987.3 THIS AIRCRAFT HAS BEEN INSPECTED AND HAS BEEN FOUND SAFE FOR THE INTENDED FLIGHT IN ACCORDANCE WITH SPECIAL FERRY PERMIT DATED AUGUST 21, 2006

Signed

Damon Schmidt

CRS AWKR 298C

MAINTENANCE/INSPECTION ENTRIES

Aircraft Mo

Reg #

August 25, 2006
N527RS, Beech A36
S/N: E-3222
Hour Meter: 987.6

Mather Aviation, LLC
Sacramento Mather Airport, CA 95655
FAA CRS No. PCPR439B
WO#: 411512

This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:

DATE		
Y	M	D

**LICENSE
NUMBER**

1. Inspected left wing forward lower attach fitting and found incorrect washer application. Jacked aircraft and gained access to wing bolts. Removed left wing and removed incorrect washer from forward left bottom wing bolt. Installed one MS20002-13 washer under head of bolt to achieve correct bolt grip. Torqued all left wing bolts in accordance with Bonanza Series Maintenance Manual section 57-00-00. Removed aircraft from jacks and installed all panels removed for access.

Technician(s): R. Vosberg, G. Schlimmer.

The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Inspector:

S. Harmon for
CRS# PCPR439B

Date 9/14/2006

W/O# 6846

**WOODLAND
AVIATION INC**

Airframe Logbook Entry

AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach Time 995.0

INSTALLED AIR CONDITIONING CONDENSOR DOOR ACTUATOR P/N 96-380021-33 S/N 264D AFTER OVERHAUL BY "AERO SPACE CONTROLS CORP." CRS# OJ2R059L PER WO# 32535, FUNCTION CHECKED NORMAL.
INSTALLED NEW P/N 2853 S/N 20961 #5 CYLINDER CHT PROBE, FUNCTION CHECKED NORMAL.
INSTALLED NEW P/N 4596 TAXI LIGHT BULB, FUNCTION CHECKED NORMAL.
RIGGED AILERONS AND AILERON TRIM PER MM SPEC'S, FUNCTION CHECKED NORMAL.
ADJUSTED L/H COWL FLAP FOR PROPER FIT, FUNCTION CHECKED NORMAL.

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.

Damon Schmidt

Date **PLAND** 106
W/O# 6967

**WOODLAND
AVIATION INC**

Airframe Logbook Entry

AIRCRAFT: N527RS

CRS AWKR298C

S/N: E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach Time	1001.4
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TTAF 1001.4

Eng, TSN

Eng TSO

Prp TSN

Prop TSO

Gov. TSN

ADJUSTED A/C ANNUNCIATOR ACTUATOR SWITCH AS PER BEECH MAINTENANCE MANUAL P/N 36-590001-9A29 OPERATIONAL CHECK GOOD. ADJUSTED ALTERNATE AIR DOOR MICRO SWITCH FOR BETTER CONTACT. GROUND CHECKED GOOD.

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.

Douglas E. Barton

Date 2/2/2007

W/O# 7378



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N527RS

Watts Woodland Airport, Woodland, CA 95695

S/N: E-3222

Tach Time 1037.2 PERFORMED BONANZA 50 HOUR SERVICE PER WOODLAND AVIATION SERVICE INSTRUCTION STEPS. INSTALLED NEW P/N 070-313-0 S/N 6011W05267 R/H MAIN TIRE, BALANCED WHEEL ASSEMBLY. REINSTALLED AND SAFETIED.

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: Damon Schmidt

Damon Schmidt

Y	M	D	HOURS	LINES IF REQUIRED	SIGNATURE	NUMBER

Date 6/27/2007

W/O# 7907



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N527RS

Watts Woodland Airport, Woodland, CA 95695

S/N: E-3222

Tach Time 1062.7 COMPLIED WITH AIRWORTHINESS DIRECTIVE 84-26-02 EFFECTIVE 1/29/85 BY REPLACEMENT OF PAPER INDUCTION AIR FILTER P/N 35-380035-7. NEXT DUE: 1562.7 TACH OR ON CONDITION. INSTALLED NEW P/N MS25171-1S PROTECTIVE BOOTS ON ALTERNATOR TERMINALS. ADJUSTED AIR CONDITIONING CONDENSER DOOR SWITCHES TO MM SPEC'S. FUNCTION CHECKED NORMAL. DRESSED PROPELLER BLADES.

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: Damon Schmidt

Damon Schmidt

Date 8/22/2007

W/O# 7980



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N527RS

Watts Woodland Airport, Woodland, CA 95695

S/N: E-3222

Tach Time 1071.9 COMPLETED AN ANNUAL INSPECTION THIS DATE USING RAYTHEON INSPECTION FORM P/N 98-32227J.
 TTAF 1071.9 ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS.
 Eng, TSN 1071.9 COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN 52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO DISCREPANCIES NOTED.
 Eng TSO NEW
 Prp TSN 324.3 C/W S.I. 0632-280R1- INSPECTED WINGS FOR FUEL SEEPAGE, NONE NOTED.
 Prp TSO NEW C/W S.I. 0166-258R1- INSPECTED FLEX DUCTS AND FOUND NORMAL.
 C/W S.I. 0488-281R2- CHECKED FUEL VENT SYSTEM. INSTALLED NEW FUEL CAP OUTER O-RINGS. INSTALLED NEW INLET AND INLINE INSTRUMENT FILTERS FOR PRIMARY AND STANDBY SYSTEMS PER RAYTHEON SERVICE BULLETIN 05-3481. COMPLIED WITH RAYTHEON MANDATORY SERVICE BULLETIN 27-3459 BY VERIFICATION OF GUST LOCK PART NUMBER. CORRECT GUST LOCK FOUND IN AIRCRAFT. NO DISCREPANCIES NOTED. C/W 12 MONTH FIRE EXTINGUISHER REWEIGH AND INSPECTION WITH NO DEFECTS NOTED. COMPLIED WITH TATURBO SPECIAL INSPECTION ITEM 200 HOUR / 2 YEAR PRESSURE CHECK INSPECTION OF HEATER MUFFLER. NO DEFECTS NOTED. INSTALLED NEW GILL LEAD ACID BATTERY P/N G-242 S/N G02325247 AFTER SERVICE AND TOP CHARGE PER GILL INSTRUCTIONS. FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 1N4007 DIOD, AGC5 FUSE AND 2 EA NEW P/N 327 BULBS FOR THE DOOR WARNING ANNUNCIATOR, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 646293-34.00 AIR CONDITIONER DRIVE BELT, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 4988 R/H FLAP BUMPER AND ADJUSTED AS NEEDED, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 154-03200 NOSE WHEEL GREASE SEALS AND 1 NEW P/N 154-03000 R/H GREASE SEAL. INSTALLED NEW P/N 2870 S/N 12938 #1 CYLINDER EGT PROBE, FUNCTION CHECKED NORMAL. SERVICED ALL LANDING GEAR STRUTS TO MM SPEC'S USING DRY NITROGEN. ADJUSTED L/H UPLOCK CABLE TENSION TO MM SPEC'S, FUNCTION CHECKED NORMAL. ADJUSTED L/H AND R/H UPLOCK BLOCK TO ROLLER CLEARANCE TO MM SPEC'S, FUNCTION CHECKED NORMAL.

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 10/08 Signed: Damon Schmidt

Damon Schmidt

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed: Damon Schmidt

Damon Schmidt

Date 4/24/2008
W/O# 8887



Airframe Logbook Entry AIRCRAFT: N527RS
CRS AWKR298C
Watts Woodland Airport, Woodland, CA 95695 S/N: E-3222

Tach Time 1117.1 INSTALLED NEW P/N 34-0226010-01 LOWER ROTATING BEACON LIGHT BULB, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 4596 TAXI LIGHT BULB, FUNCTION CHECKED NORMAL. DRESSED AND PAINTED PROPELLER BLADE FACES.

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: Damon Schmidt

Damon Schmidt

Date 9/11/2008
W/O# 9103



Airframe Logbook Entry AIRCRAFT: N527RS
CRS AWKR298C
Watts Woodland Airport, Woodland, CA 95695 S/N: E-3222

Tach Time 1166.1
TTAF 1166.1 COMPLETED AN ANNUAL INSPECTION THIS DATE USING RAYTHEON INSPECTION FORM. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS.
Eng, TSN 1166.1 COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN 52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO DISCREPANCIES NOTED. COMPLIED WITH AIRWORTHINESS DIRECTIVE 84-26-02 EFFECTIVE 1/29/85 BY REPLACEMENT OF PAPER INDUCTION AIR FILTER P/N 35-380035-7. NEXT REPLACEMENT DUE: 1611.1
Prp TSN 418.5 TT OR ON CONDITION
Prp TSO NEW C/W S.I. 0632-280R1- INSPECTED WINGS FOR FUEL SEEPAGE, NONE NOTED.
C/W S.I. 0166-258R1- INSPECTED FLEX DUCTS AND FOUND NORMAL.
C/W S.I. 0488-281R2- CHECKED FUEL VENT SYSTEM. INSTALLED NEW OUTER FUEL CAP O-RINGS. COMPLIED WITH RAYTHEON MANDATORY SERVICE BULLETIN 27-3459 BY VERIFICATION OF GUST LOCK PART NUMBER. CORRECT GUST LOCK FOUND IN AIRCRAFT. NO DISCREPANCIES NOTED.
INSTALLED NEW INLET AND INLINE INSTRUMENT FILTERS FOR PRIMARY AND STANDBY SYSTEMS PER RAYTHEON SERVICE BULLETIN 05-3481. COMPLIED WITH AIRCRAFT BATTERY TOP CHARGE AND SERVICE. C/W 12 MONTH FIRE EXTINGUISHER REWEIGH AND INSPECTION WITH NO DEFECTS NOTED. COMPLIED WITH 12 MONTH TIT CALIBRATION CHECK.
INSTALLED NEW P/N RA216CW S/N 16182 DRY AIR PUMP, INSTALLED NEW P/N 25102 DRIVE SHAFT SEAL AND P/N 654012 GASKET, LEAK AND FUNCTION CHECKED NORMAL.
INSTALLED NEW P/N 58-380022-11 TURN AND SLIP INDICATOR LIGHT TRAY, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 3530131-19 AFT BULKHEAD PLACARD. INSTALLED 1 EA NEW P/N 154-03200 GREASE SEAL, 1 EA NEW P/N 214-03300 BEARING AND 1 EA NEW P/N LM-67010 RACE FOR THE NOSE WHEEL ASSEMBLY.

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 8/20/12 Signed: Damon Schmidt

Damon Schmidt

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed: Damon Schmidt

Damon Schmidt

Date 10/28/2008
W/O# 9443



Airframe Logbook Entry AIRCRAFT: NN527RS
CRS AWKR298C
Watts Woodland Airport, Woodland, CA 95695 S/N: E-3222

Tach Time 1187.2
TTAF
Eng, TSN
Eng TSO
Prp TSN
Prp TSO
SERVICED ALL TIRE PRESSURES TO 40 PSI. SERVICED NOSE STRUT WITH DRY NITROGEN AS NEEDED. ADJUSTED GEAR WARNING HORN TO MARK PROVIDED BY OWNER/PILOT.

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

Douglas E. Barton

MAINTENANCE/INSPECTION ENTRIES

Date 3/25/2009

W/O# 9818



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N527RS

S/N: E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach Time 1207.1

TTAF

1207.1

RESEALED AND SERVICED MAG COMPASS AS PER NAVAER OVERHAUL MANUAL 05-15-606.
LEAK CHECK GOOD.

Eng, TSN

Eng TSO

Prp TSN

Prp TSO

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
Douglas E. Barton

Date 6/5/2009

W/O# 9994



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N 527RS

S/N: E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach Time 1229.1

INSTALLED "AIRWOLF FILTER CORP." AIR / OIL SEPARATOR KIT NO. AFC-W410. INSTALLATION WAS
DONE IN ACCORDANCE WITH "AIRWOLF FILTER CORP." STC# SA02268CH AND AIRWOLF AIRSEP
INSTALLATION INSTRUCTIONS DRAWING NUMBER AFC-W360 REV. C, DATED 8/28/06 AND AC43.13-1B
CHAPTERS 4, 7 & 8. WEIGHT AND BALANCE AND EQUIPMENT LIST REVISED. INSTRUCTIONS FOR
CONTINUED AIRWORTHINESS ARE CONTAINED IN THE INSTALLATION INSTRUCTIONS AND WERE
INSERTED IN THE AIRCRAFT PERMANENT RECORDS. SEE FAA FORM 337 FOR DETAILS.
REMOVED TANIS ENGINE HEATER AND INSTALLED REIFF ENGINE HEATER WITH BOTH HOTSTRIP OIL
SUMP HEATER AND HOTBAND CYLINDER HEATERS, FUNCTION CHECKED NORMAL. INSTALLED NEW
P/N 5050-T JP INSTRUMENTS CHT PROBES, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N
55000-35 R/H TIP TANK NAV LIGHT LENS.

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: Damon Schmidt

Damon Schmidt

Date 6/12/2009

W/O# 10047



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N 527RS

S/N: E-3222

Watts Woodland Airport, Woodland, CA 95695

Flight Time 1231.0

REMOVED J.P. INSTRUMENTS EDM-700 EGT/CHT INDICATOR, S/N 25903, THAT WAS INSTALLED IN
ACCORDANCE WITH FAA STC SA2586NM. AND INSTALLED A J.P. INSTRUMENTS EDM-800 EGT/CHT
INDICATOR, S/N 28456, INSTALLED 6 EA NEW P/N M-111 EGT PROBES AND 1 EA P/N M-111-T TEMP.
PROBE.

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: Damon Schmidt

Damon Schmidt

MAINTENANCE/INSPECTION ENTRIES

Date 7/30/2009

W/O# 9285



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N 527RS

Watts Woodland Airport, Woodland, CA 95695

S/N: E-3222

Tach Time 1242.1

COMPLIED WITH AIRWORTHINESS DIRECTIVE 2008-13-17, ISSUED JUNE 16, 2008, HAWKER BEECHCRAFT CIRCUIT BREAKER SWITCH REPLACEMENT BY COMPLYING WITH HAWKER-BEECHCRAFT SERVICE BULLETINS 24-3735. REPLACED AFFECTED 35-380132-_____ CB SWITCHES AS FOLLOWS:
 - 3 PITOT REPLACED WITH 35-380132-63, - 7 PROP REPLACED WITH 35-380132-67, - 43 STROBE REPLACED WITH 35-380132-103, - 43 BEACON REPLACED WITH 35-380132-103, - 41 NAV REPLACED WITH 35-380132-101, - 41 FLOOD REPLACED WITH 35-380132-101, - 41 PANEL REPLACED WITH 35-380132-101, - 45 TAXI REPLACED WITH 35-380132-105, - 45 LANDING REPLACED WITH 35-380132-105
 - 39 STANDBY GYRO REPLACED WITH 35-380132-99, - 73 ALTERNATOR REPLACED WITH 35-380132-73.
 INSTALLED NEW P/N G-242 S/N G02451452 GILL LAED ACID BATTERY AFTER SERVICE AND TOP CHARGE PER GILL INSTRUCTIONS, FUNCTION CHECKED NORMAL.

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: Damon Schmidt

Damon Schmidt

Date 9/1/2009

W/O# 10275



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N 527RS

Watts Woodland Airport, Woodland, CA 95695

S/N: E-3222

Tach Time 1259.7

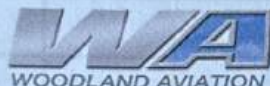
INSTALLED NEW P/N 070-313-0 S/N 8280W00385 L/H MAIN TIRE, CLEAND AND INSPETED WHEEL HALVES WITH NO DEFECTS NOTED, BALANCED WHEEL ASSEMBLY, INSTALLED ON AIRCRAFT AND SAFETIED.

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: Damon Schmidt

Damon Schmidt

Date 9/10/2009

W/O# 10305



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: 527RS

Watts Woodland Airport, Woodland, CA 95695

S/N: E-3222

Tach Time 1263.9

COMPLIED WITH AIRWORTHINESS DIRECTIVE 84-26-02 EFFECTIVE 1/29/85 BY REPLACEMENT OF PAPER INDUCTION AIR FILTER P/N 35-380035-7. NEXT REPLACEMENT DUE: 1753.9 TT OR ON CONDITION.

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: Damon Schmidt

Damon Schmidt

Date 10/14/2009

W/O# 10341



WOODLAND AVIATION

Airframe Logbook Entry

CRS AWKR298C

Watts Woodland Airport, Woodland, CA 95695

AIRCRAFT: N527RS

S/N: E-3222

Tach Time 1279.2

TTAF 1279.2

Eng. TSN 1279.2

Eng TSO NEW

Prp TSN 531.6

Prp TSO NEW

COMPLETED AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX "D" USING RAYTHEON INSPECTION FORM P/N 98-32227N. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS.

COMPLIED WITH J. P. INSTRUMENTS MODEL EDM-800 EGT / CHT INDICATOR INSTRUCTIONS FOR CONTINUED AIRWORTHINESS BY OPERATIONAL TEST AND INSPECTION IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND FAR 43, APPENDIX "D" WITH NO DEFECTS NOTED.

COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN 52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO DISCREPANCIES NOTED. COMPLIED WITH AIRWORTHINESS DIRECTIVE 2001-08-08 EFFECTIVE 8/7/2001 BY EXHAUST V-BAND CLAMP P/N 4404C375M REPLACEMENT PER TORNADO ALLEY SB 98-1. NEXT DUE @ 1679.2 TT. INSPECTED NOSE GEAR RETRACT ROD PLUNGER PER SAFETY COMMUNIQUE 306 WITH NO DEFECTS NOTED.

C/W S.I. 0166-258R1- INSPECTED FLEX DUCTS AND FOUND NORMAL.

C/W S.I. 0532-280R1- INSPECTED WINGS FOR FUEL SEEPAGE, NONE NOTED.

C/W S.I. 0488-281R2- CHECKED FUEL VENT SYSTEM. INSTALLED NEW FUEL CAP OUTER O-RINGS. INSTALLED NEW INLET AND INLINE INSTRUMENT FILTERS FOR PRIMARY AND STANDBY SYSTEMS PER RAYTHEON SERVICE BULLETIN 05-3481.

C/W 12 MONTH FIRE EXTINGUISHER REWEIGH AND INSPECTION WITH NO DEFECTS NOTED.

COMPLIED WITH TATURBO SPECIAL INSPECTION ITEM 200 HOUR/2 YEAR PRESSURE CHECK INSPECTION OF HEATER MUFFLER WITH NO DEFECTS NOTED. TOP CHARGED AND SERVICED AIRCRAFT BATTERY, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 4613-00-5 S/N 1578 FUEL BOOST PUMP, LEAK AND FUNCTION CHECKED NORMAL. INSTALLED PILOTS SHOULDER HARNESS P/N 504239-401-2255 AFTER REPAIR BY "BELT MAKERS INC." CRS# YL3R002M PER WO# 45988R, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 154-03200 NOSE WHEEL GREASE SEAL. INSTALLED NEW P/N MS28741-4-0150 L/H UPPER BRAKE HOSE ASSEMBLY, BLEED BRAKES, LEAK AND FUNCTION CHECKED NORMAL. ADJUSTED L/H LANDING GEAR UPSTOP AND UPLOCK BLOCK TO ROLLER CLEARANCE TO MM SPEC'S, FUNCTION CHECKED NORMAL. REPAIRED GROUNDING FOR THE L/H AND R/H TIP TANK QUANTITY SENDING UNITS, FUNCTION CHECKED NORMAL.

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 8/2012 Signed: Damon Schmidt

Damon Schmidt

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Damon Schmidt

Date 2/22/2010

W/O# 10628



WOODLAND AVIATION

Airframe Logbook Entry

CRS AWKR298C

Watts Woodland Airport, Woodland, CA 95695

AIRCRAFT: 527RS

S/N: E-3222

Tach / Hobbs 1300.1

FLIGHT

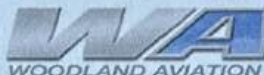
INSTALLED NEW P/N 34-0750692-00 LANDING LIGHT BULB, FUNCTION CHECKED NORMAL. SECURED 1/4" AIR OIL SEPERATOR RETURN LINE, LEAK CHECKED NORMAL.

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: Damon Schmidt

Damon Schmidt

Date 4/26/2010

W/O# 10748



WOODLAND AVIATION

Airframe (Avionics) Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

S/N E-3222

Tach/

Hobbs

1331.5

FLIGHT

INSTALLED ROLL SERVO P/N 065-00179-0200 S/N 3731 AFTER OVERHAUL BY "MID-CONTINENT INSTRUMENTS WEST" CRS# OL2D061L PER WO# WRK0152985, FUNCTION CHECKED NORMAL.

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: Damon Schmidt

Damon Schmidt

Date 7/8/2010

W/O# 10881



Airframe (Avionics) Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach/
Hobbs

1373.7

REMOVED BENDIX/KING KS 271C PRIMARY SERVO, P/N 085-00179-0200, S/N 3731, INSTALLED WARRANTY EXCHANGE BENDIX/KING KS 271C PRIMARY SERVO, P/N 085-00179-0200, S/N 5463 AFTER OVERHAUL BY CRS# 0L2D061L UNDER WORK ORDER # WRK0162149 DATED JUN/18/2010. GROUND OPERATIONAL CHECKS NORMAL.

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

Douglas E. Barton

Date 11/2/2010

W/O# 11065



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N527RS

S/N: E-3222

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

1409.0

TTAF

1409.0

Flight

Eng, TSN

1409.0

Eng TSO

NEW

Prp TSN

661.4

Prp TSO

NEW

COMPLETED AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX "D" USING RAYTHEON INSPECTION FORM P/N 98-32227P AS A GUIDE. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS.

COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN 52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO DISCREPANCIES NOTED.

C/W S.I. 0166-258R1- INSPECTED FLEX DUCTS AND FOUND NORMAL.

C/W S.I. 0632-280R1- INSPECTED WINGS FOR FUEL SEEPAGE, NONE NOTED.

C/W S.I. 0488-281R2- CHECKED FUEL VENT SYSTEM. INSTALLED NEW FUEL CAP OUTER O-RINGS.

INSTALLED NEW INLET AND INLINE INSTRUMENT FILTERS FOR PRIMARY AND STANDBY SYSTEMS PER RAYTHEON SERVICE BULLETIN 05-3481.

COMPLIED WITH RAYTHEON MANDATORY SERVICE BULLETIN 27-3459 BY VERIFICATION OF GUST LOCK PART NUMBER. CORRECT GUST LOCK FOUND IN AIRCRAFT. NO DISCREPANCIES NOTED.

C/W 12 MONTH FIRE EXTINGUISHER REWEIGH AND INSPECTION WITH NO DEFECTS NOTED.

INSTALLED B&C SPECIALTY PRODUCTS, INC. STANDBY ALTERNATOR SYSTEM BC-410-1 PER STC SA00724WI AND IN ACCORDANCE WITH INSTALLATION MANUAL P/N 410-500-3 REV. F, DATED 11/2003.

INSTALLED FLIGHT MANUAL SUPPLEMENT DOCUMENT NO FMS410-2, DATED 6/26/2000. WEIGHT AND BALANCE AND EQUIPMENT LIST REVISED. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ARE DOCUMENT NO. ICA-BC410, REV. A, DATED 11/2003 AND ARE FILED WITH THE AIRCRAFT PERMANENT RECORDS. FAA FORM 337 FILED.

INSTALLED NEW P/N 4596 TAXI LIGHT BULB, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N J6984-121 INSTRUMENT PANEL LOWER SHOCK MOUNT. INSTALLED NEW P/N 58-810022-1 L/H GEAR DOOR FWD OUTBOARD HINGE, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 070-312-0 S/N 0170S00327 NOSE TIRE, BALANCED WHEEL ASSEMBLY, INSTALLED ON AIRCRAFT AND SAFETIED. INSTALLED NEW P/N 070-313-0 S/N 8179W00456 R/H MAIN TIRE, BALANCED WHEEL ASSEMBLY, INSTALLED ON AIRCRAFT AND SAFETIED. ADJUSTED L/H IPLOCK BLOCK TO ROLLER CLEARANCE TO MM SPEC'S. FUNCTION CHECKED NORMAL.

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 8/2012 Signed: Damon Schmidt

Damon Schmidt

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed Damon Schmidt

Damon Schmidt

Date 11/5/2010

W/O# 11108



Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: 527RS

S/N: E-3222

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

1415.1

FLIGHT

1415.1

REMOVED AIR-CONDITIONING BLOWER MOTOR P/N 36-380027-33 S/N 306 INSTALLED NEW AIR-CONDITIONING BLOWER MOTOR P/N 36-380027-35 S/N 306 AS PER BEECH MAINTENANCE MANUAL P/N 36-590001-9. OPERATIONAL CHECK GOOD.

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

Douglas E. Barton

Date 9/27/2011
W/O# 11724



Airframe Logbook Entry
CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: 527RS
S/N: E-3222

6

Tach / Hobbs 1456.9

FLIGHT

COMPLIED WITH AIRWORTHINESS DIRECTIVE 84-26-02 EFFECTIVE 1/29/85 BY REPLACEMENT OF PAPER INDUCTION AIR FILTER P/N 35-385035-7. NEXT REPLACEMENT DUE 1986.9 TT OR ON CONDITION. INSTALLED NEW P/N 86255 EGT PROBE.

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: Damon Schmidt

Damon Schmidt

Date 12/14/2011

W/O# 11857



Airframe Logbook Entry
CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N527RS
S/N: E-3222

Tach / Hobbs 1477.8

TTAF 1477.8

Flight

Eng. TSN 1477.8

Eng TSO NA

Prp TSN 730.2

Prp TSO NA

COMPLETED AN ANNUAL INSPECTION THIS DATE USING RAYTHEON INSPECTION FORM P/N 98-32227R. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN 52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO DISCREPANCIES NOTED.
C/W S.I. 0166-258R1- INSPECTED FLEX DUCTS AND FOUND NORMAL.
C/W S.I. 0632-280R1- INSPECTED WINGS FOR FUEL SEEPAGE, NONE NOTED.
C/W S.I. 0488-281R2- CHECKED FUEL VENT SYSTEM. INSTALLED NEW FUEL CAP OUTER O-RINGS.
INSTALLED NEW INLET AND INLINE INSTRUMENT FILTERS FOR PRIMARY AND STANDBY SYSTEMS PER RAYTHEON SERVICE BULLETIN 05-3481.
COMPLIED WITH TATURBO SPECIAL INSPECTION ITEM 200 HOUR/2 YEAR PRESSURE CHECK INSPECTION OF HEATER MUFFLER WITH NO DEFECTS NOTED. C/W 12 MONTH FIRE EXTINGUISHER REWEIGH AND INSPECTION WITH NO DEFECTS NOTED. INSTALLED NEW P/N 646293-34 AIR CONDITIONER BELT, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N RA66-105 L/H AND R/H BRAKE LININGS, BRAKES CONDITIONED ON POST MAINTENANCE RUNS, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 214-00200 R/H WHEEL INBOARD AND OUTBOARD BEARINGS WITH NEW P/N 13836 RACE. INSTALLED NEW P/N M83461/1-222 L/H BRAKE CALIPER O-RINGS, BLEED BRAKES, LEAK AND FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 35-6850010 R/H EXHAUST MANIFOLD WITH NEW P/N 652502 GASKETS, FUNCTION CHECKED NORMAL. ADJUSTED L/H AND R/H UPLOCK CABLE TENSIONS TO MM SPEC'S, FUNCTION CHECKED NORMAL. ADJUSTED L/H UPLOCK BLOCK TO ROLLER CLEARANCE TO MM SPEC'S, FUNCTION CHECKED NORMAL.

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed Damon Schmidt

Damon Schmidt

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 8/2012 Signed: Damon Schmidt

Damon Schmidt

Date 9/18/2012

W/O# 12432



Airframe Logbook Entry
CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: 527RS
S/N: E-3222

Tach / Hobbs 1526.0

FLIGHT

INSTALLED NEW P/N 36-380027-35 S/N 1053 AIR CONDITIONING BLOWER MOTER, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N A-7512-24 L/H NAV LIGHT BULB, FUNCTION CHECKED NORMAL.

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: Damon Schmidt

Damon Schmidt

Date 1/14/2013

W/O# 5661



Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N527RS

S/N: E-3222

Tach / Flight	1528.8
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TTAF 1528.8

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Eng, TSN	1528.8
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Eng TSO	N/A
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Prp TSN 781.2

Prp TSO	N/A
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COMPLETED AN ANNUAL INSPECTION PER FAR 43 APPENDIX "D".
COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN 52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO DISCREPANCIES NOTED.
INSPECTED ENGINE COMPARTMENT FLEXIBLE DUCTS IN ACCORDANCE WITH BEECHCRAFT SERVICE INSTRUCTION #0166-258R1. NO DISCREPANCIES NOTED.
INSPECTED WINGS FOR FUEL LEAKS IN ACCORDANCE WITH BEECHCRAFT SERVICE INSTRUCTION #0632-280R1. NO DISCREPANCIES NOTED.
COMPLIED WITH BEECHCRAFT SERVICE INSTRUCTION #0488-281R2, FUEL CAP AND VENT INSPECTION. REPLACED FUEL CAP O-RINGS
APPLIED COLOR CODING MARKINGS PER SB 2399 ON LEFT AND RIGHT ELEVATOR TRIM ACTUATOR AND ACCESS HOLE.
COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER.
RESEALED MAGNETIC COMPASS USING NEW GASKET P/N C21-100 ; CB21-915G ; CB21-914H ; CB21-736 . SERVICED WITH COMPASS FLUID AND EVACUATED AIR. LEAK CHECK GOOD. INSTALLED COMPASS ON AIRCRAFT. INSTALLED NEW LEFT BRAKE DISK P/N RA164-02505 , AND NEW BRAKE LININGS P/N RA66-105. PERFORMED WHEEL ASSY STATIC BALANCE CHECK . FOUND NORMAL. INSTALLED ON AIRCRAFT. OPERATIONAL CHECK GOOD. REINSTALLED BATTERY BOX AFTER WELD REPAIR.

 $\frac{1}{2}$

Date 1/14/2013

W/O# 5661



Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 527RS

S/N E-3222

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

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due date 02/2018 Signed: [Signature]

date 02/2018 Signed: _____

Shawn Matthies

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed

Shawn Matthies

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

 $2/2$ [illegible]

Date 1/17/2014

W/O# 13358



Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N527RS

S/N: E-3222

Tach / Flight 1605.6 COMPLIED WITH ANNUAL INSPECTION PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN
 TTAF 1605.6 ACCORDANCE WITH APPLICABLE MANUALS.
 Eng, TSN 1605.6 COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN
 Eng TSO N/A 52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO DISCREPANCIES
 Prp TSN 858 NOTED.
 Prp TSO N/A COMPLIED WITH HAWKER-BEECHCRAFT MANDATORY SERVICE BULLETIN 27-3459 BY VERIFICATION OF
 Gov. TSN 1605.6 GUST LOCK PART NUMBER. CORRECT GUST LOCK FOUND IN AIRCRAFT.
 Gov. TSO N/A INSPECTED ENGINE COMPARTMENT FLEXIBLE DUCTS IN ACCORDANCE WITH BEECHCRAFT SERVICE
 INSTRUCTION 0166-258R1.
 1605.6 INSPECTED WINGS FOR FUEL LEAKS IN ACCORDANCE WITH BEECHCRAFT SERVICE INSTRUCTION
 0632-280R1.
 N/A COMPLIED WITH BEECHCRAFT SERVICE INSTRUCTION 0488-281R2, FUEL CAP AND VENT INSPECTION.
 REPLACED FUEL CAP O-RINGS.
 COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER. INSTALLED
 NEW STORM WINDOW SEAL. INSTALLED NEW LEFT FUEL SUMP DRAIN. LEAK CHECK GOOD. INSTALLED
 NEW LEFT MAIN TIRE AND TUBE. TIRE P/N 070-313-0 S/N 3023500210. BALANCED AND REINSTALLED WITH
 AXLE NUT COTTER PIN. ADJUSTED LEFT UPLOCK CABLE TENSION. ADJUSTED RIGHT AND LEFT NOSE
 GEAR DOORS FOR PROPER FIT. INSTALLED 1 EACH NEW NOSE WHEEL GREASE SEAL. INSTALLED NEW
 RIGHT MAG P-LEAD TERMINAL.

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

I certify that the ELT has been inspected in accordance with the requirements of FAR
 Section 91.207(d) and was found to be in satisfactory condition. Battery due
 date 2/2018 Signed:

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual
 inspection and was determined to be in an airworthy condition.

Signed:

Shawn Matthies AWKR298C



Date 9/5/2014

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 527RS

S/N: E-3222

W/O# 13888

Tach / Hobbs 1649.4 COMPLIED WITH AIRWORTHINESS DIRECTIVE 84-26-02 EFFECTIVE 1/29/85 BY REPLACEMENT OF
 PAPER INDUCTION AIR FILTER. INSTALLED NEW INDUCTION AIR FILTER. SECURED ATTACHING
 HARDWARE. NEXT REPLACEMENT DUE: 2149.4 TT OR ON CONDITION.
 SERVICED BRAKE FLUID RESERVOIR WITH HYDRAULIC FLUID. INSTALL NEW TAIL AND LEFT WING
 NAVIGATION LIGHT BULBS. OPERATIONAL CHECK GOOD.

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

MAINT LA QUINTA AIR SERVICES INC. / TRIES

AIRFRAME LOGBOOK ENTRY

N527RS 10/15/14 HOBBS TIME: 1654.9 HOURS

BEECHCRAFT A36, S/N E3222

REPLACED THE AIRCRAFT BATTERY WITH A NEW GILL G 242 BATTERY.
 REMOVED G02451452. INSTALLED S/N G02823219.

Signed Shawn Matthes W.O. # 4176

FAA Repair Station LQ6R171N

LA QUINTA AIR SERVICES INC.

THERMAL, CA 92274

**LICENSE
NUMBER**

Date 3/18/2015

W/O# 14094



Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N527RS

S/N: E-3222

Tech / Flight	1667.8	COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK
TTAF	1667.8	COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.
Eng, TSN	1667.8	COMPLIED WITH AIRWORTHINESS DIRECTIVE 2001-08-08 EFFECTIVE 6/7/2001. INSTALLED NEW
Eng TSO	0	EXHAUST TAIL PIPE V-BAND CLAMP P/N 4404C375M AS PER BONANZA TAT ICA. NEXT DUE: 2067.8 TT
Prp TSN	920.2	COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN
Prp TSO	N/A	52-2693 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO
		DISCREPANCIES NOTED. NEXT DUE AT NEXT DOOR HANDLE REMOVAL.
		COMPLIED WITH BEECHCRAFT SB 27-3459 BY VERIFICATION OF GUST LOCK PART NUMBER. CORRECT
		GUST LOCK FOUND IN AIRCRAFT.
		INSPECTED ENGINE COMPARTMENT FLEXIBLE DUCTS IN ACCORDANCE WITH BEECHCRAFT SI
		0166-258R1.
		COMPLIED WITH BEECHCRAFT SI 0632-280R1 BY INSPECTION OF WINGS FOR FUEL LEAKS.
		COMPLIED WITH BEECHCRAFT SI 0488-281R2, FUEL CAP AND VENT INSPECTION. REPLACED FUEL CAP
		O-RINGS.
		COMPLIED WITH TCM SB 11-3 PRIMARY ENGINE ALTERNATOR CLUTCH SLIP CHECK. REMOVED
		AIR/OIL SEPARATOR SYSTEM. INSTALLED NEW ENGINE FLAMMABLE FLUID HOSES IN FIREWALL
		FORWARD IN CONJUNCTION WITH ENGINE CHANGE. LEAK CHECK GOOD. NEXT HOSE REPLACEMENT
		DUE: 3/2025. INSTALLED NEW ENGINE ISOLATOR SHOCK MOUNTS. INSTALLED NEW PRIMARY
		INSTRUMENT AIR PUMP P/N 216CW S/N 161381. REMOVED AIR/OIL SEPARATOR SYSTEM. INSTALLED
		NEW #2 CYLINDER INTAKE PUSH ROD HOUSING P/N 537296 WITH NEW SEALS P/N 534610. INSTALLED
		NEW #2 CYLINDER ROCKER COVER GASKET P/N 655528 AND INTAKE GASKET P/N 649959. LEAK CHECK
		GOOD. NO DISCREPANCIES NOTED. INSTALLED WHIRLWIND III UPGRADE KIT P/N 35-6780002 AS PER
		INSTALLATION DRAWING #35-6760001. REV D. COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH
		OF PORTABLE FIRE EXTINGUISHER. INSTALLED NEW RIGHT AND LEFT TIP TANK FUEL SENDERS RIGHT
		P/N 55025-90 OM S/N 1764 LEFT P/N 55025-90 OM S/N 1762. REINSTALLED TIP TANKS AND CALIBRATED
		FUEL QTY AS PER JL OSBOURNE INSTALL MANUAL. INSTALLED NEW RIGHT NAV BULB P/N A-7512-24.
		REMOVED NOSE WHEEL, INSTALLED NEW TIRE P/N 071-312-0 S/N 4029S00080 WITH NEW TUBE.
		BALANCED AND REINSTALLED. COMPLIED WITH ANNUAL AIRCRAFT BATTERY BENCH CHARGE,
		SERVICE, AND INSPECTION. INSTALLED NEW WHELEN LED LANDING AND TAXI LIGHT. INSTALLED
		NEW FREON CARRYING AIR-CONDITIONING COMPRESSOR HOSES IN ENGINE COMPARTMENT.

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 Matthes

Shawn Matthes AWKR298C

I certify that the ELT has been inspected in accordance with the requirements of
 FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due
 date 2/2018 Signed: Shawn Matthes

Shawn Matthes AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual
 inspection and was determined to be in an airworthy condition.

Signed: Shawn Matthes

Shawn Matthes AWKR298C



Date 5/21/2015

Airframe Logbook Entry

AIRCRAFT: N 527RS

W/O# 14355

CRS AWKR298C

S/N: E-3222

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

1582.5

REINSTALLED BENDIX/KING KS 272C TRIM SERVO P/N 065-00180-2700, S/N 1592 AFTER BEING INSPECTED BY MID-CONTINENT INSTRUMENTS AND AVIONICS, CRS# OL2D061L AND REINSTALLED BENDIX/KING KC 225 AUTOPILOT COMPUTER P/N 065-00183-2701, S/N 1303 AS IT WAS REMOVED. REPLACED AUTOPILOT DISCONNECT SWITCH WITH NEW P/N 031-00428-0000 AND PERFORMED GROUND FUNCTIONAL TEST WITH NO DISCREPANCIES NOTED. PERFORMED GARMIN SERVICE BULLETINS 1509 REV A AND 1517 REV A, UPDATED GMX 200 SOFTWARE TO VERSION 2.14 WITH NO DISCREPANCIES NOTED. GMX 200 S/N 38400746 AND GDL 69A DATA RADIO ID ULL6R0HQ.

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 Matthias AWKR298C



Date 6/3/2015

Airframe Logbook Entry

AIRCRAFT: N 527RS

W/O# 14427

CRS AWKR298C

S/N: E-3222

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

1690.0

REMOVED A/C COMPRESSOR, REMOVED EXPANSION VALVE, AND RECEIVER DRYER. FLUSHED AIRCRAFT AIR CONDITIONING SYSTEM, REMOVED EVAPORATOR FROM AIRCRAFT AND FLUSHED. INSTALLED NEW COMPRESSOR ASSY P/N 36-555003-1 AND NEW DRIVE BELT. REINSTALLED EVAPORATOR WITH NEW EXPANSION VALVE P/N 36-555052-1. INSTALLED NEW RECEIVER / DRYER ASSY. P/N 90-384019-3. RE-ASSEMBLED AIR CONDITIONING SYSTEM. SERVICED SYSTEM WITH 2.0 LBS R134 FREON. RAN AIRCRAFT TO CHECK COMPRESSOR OIL SERVICE. ADDED 4 OZ OF ESTER OIL. RE-SERVICED SYSTEM WITH R134A FREON. OPERATIONAL CHECKED GOOD.

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 Matthias AWKR298C

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG NO: 527RS
WORK ORDER:
0982-08-2015



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 13 August, 2015
A/C TSN: 1697.8
HOBBS: 1697.8

Airframe Entries

(1) Attitude indicator Pn. 060-0017-01 Sn. 24041 removed. Bench tested and indicator erected. Installed indicator back in aircraft and checked operation and pressures with engine driven pump and electric backup pump. Instrument erected.

DATE: 13 August, 2015

SIGNED:

Kenneth R. Robbins, A&P: 3129824

Work Order: 0982-08-2015

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG NO: 527RS
WORK ORDER:
1001-09-2015



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 11 September, 2015
A/C TSN: 1702.3
HOBBS: 1702.3

Airframe Entries

(1) Installed new induction air filter, next replacement due by 2202.3 hobbs or 9/2018.

DATE: 11 September, 2015

SIGNED:

Kenneth R. Robbins, A&P: 3129824

Work Order: 1001-09-2015

Printed by EBis 3 (datcomedia.com)

Date 4/1/2016

W/O# 14996



Airframe Logbook Entry

AIRCRAFT: N 527RS

CRS AWKR298C

S/N: E-3222

25170 Aviation Ave., Davis, CA 95616

Tach / Flight 1735.6 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED
 TTAF 1735.6 IN ACCORDANCE WITH APPLICABLE MANUALS.
 Eng, TSN 1735.6 COMPLIED WITH AIRWORTHINESS DIRECTIVE 97-14-15 EFFECTIVE 9-2-97, AND SERVICE BULLETIN
 Eng TSO 67.8 52-2893 R2, BY INSPECTION OF INTERIOR CABIN DOOR AND UTILITY DOOR HANDLES. NO
 Prp TSN 988 DISCREPANCIES NOTED. NEXT DUE AT NEXT DOOR HANDLE REMOVAL.
 Prp TSO N/A COMPLIED WITH BEECHCRAFT SI 0166-258R1, VISUAL INSPECTION OF ENGINE COMPARTMENT FLEXIBLE
 DUCTS.
 COMPLIED WITH BEECHCRAFT SI 0488-281R2, FUEL CAP AND VENT INSPECTION. REPLACED LEFT AND
 RIGHT FUEL CAP O-RINGS.
 COMPLIED WITH BEECHCRAFT SI 0632-280R1 BY INSPECTION OF WINGS FOR FUEL LEAKS.
 INSTALLED NEW INLET AND INLINE INSTRUMENT FILTERS FOR PRIMARY AND STANDBY SYSTEMS PER
 BEECHCRAFT SB 05-3481.
 COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER. ADJUSTED
 RUDDER CABLE TENSIONS. ADJUSTED LEFT MAIN GEAR UPLOCK CABLE TENSION. INSTALLED 1 EACH
 NEW MAG COMPASS RIVNUT. INSTALLED NEW LEFT ELEVATOR TRIM TAB BUSHING AND BOLT AS PER
 BEECHCRAFT A36 AMM. RECHECKED FREEPLAY, IT IS NOW IN SPECS. REPLACED RIGHT MAIN TIRE P/N
 070-313-0, S/N 5162S00187 AND NEW TUBE. INSTALLED NEW RIGHT BRAKE DISC AND NEW BRAKE
 LININGS. ADJUSTED AIR-CONDITIONING DRIVE BELT TENSION.

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 Matthias AWKR298C

I certify that the ELT has been inspected in accordance with the requirements of
 FAR Section 91.207(d) and was found to be in satisfactory condition. Battery due
 date 2/2018 Signed:

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual
 inspection and was determined to be in an airworthy condition.

Signed:

Shawn Matthias AWKR298C



Date 9/14/2016

Airframe Logbook Entry

AIRCRAFT: N 527RS

CRS AWKR298C

S/N: E-3222

W/O# 15414

25170 Aviation Ave., Davis, CA 95616

Tach 1778.2 REPLACED PILOTS YOKE ELECTRIC TRIM SWITCH WITH NEW P/N 200-09187-0000. REPLACED ALL
 CONNECTIONS AT THE TRIM SERVO, REPLACED ALL PINS AND SOCKETS AT TAIL DISCONNECT
 RELATING TO TRIM SERVO WIRING, AND REPLACED ALL SOCKETS AT P2 OF AUTOPILOT COMPUTER
 RELATED TO TRIM SERVO AND TRIM SENSE WIRING EXCEPT FOR TRIM FAIL ANNUNCIATE.
 REINSTALLED CUSTOMER'S ORIGINAL BENDIX/KING KC 225 AUTOPILOT COMPUTER P/N
 065-00183-2701, S/N 1903 AFTER BEING INSPECTED BY CAPITAL AVIONICS, INC., CRS# NS4R399M
 UNDER W/O 20888 DATED 8/31/2016. REINSTALLED BENDIX/KING KS 272C TRIM SERVO P/N
 065-00180-2700, S/N 1692 AFTER BEING INSPECTED BY CAPITAL AVIONICS, INC., CRS# NS4R399M
 UNDER W/O 20890 DATED 8/31/2016. REMOVED BENDIX/KING KS 270C PITCH SERVO P/N
 065-00178-2500, S/N 2251 AND INSTALLED BENDIX/KING KS 270C PITCH SERVO P/N 065-00178-2500,
 S/N 6634 AFTER BEING OVERHAULED BY MID-CONTINENT INSTRUMENTS + AVIONICS, CRS#
 OL2D061L UNDER W/O 000260621 DATED 10/20/2015. CONFIRMED STRAIN GAGE IS WITHIN SPEC.
 REPLACED J9 CONNECTOR IN TAIL SECTION WITH NEW P/N 201358-1 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 Matthias AWKR298C



Date 10/5/2016

Airframe Logbook Entry

AIRCRAFT: N 527RS

W/O# 15598

CRS AWKR298C

S/N: E-3222

25170 AVIATION AVE., DAVIS, CA 95616

Tech 1795.1

REMOVED BENDIX KING KI 256 ATTITUDE INDICATOR P/N 060-0017-01 (MODS 1-11), S/N 24631 AND INSTALLED WARRANTY REPLACEMENT KI 256 ATTITUDE INDICATOR P/N 060-0017-01, S/N 21367 AFTER BEING OVERHAULED BY MID-CONTINENT INSTRUMENTS+AVIONICS, CRS# OL2D061L UNDER W/O 000289677 DATED 9/15/2016. PERFORMED AUTOPILOT CALIBRATION 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 Matthews AWKR298C

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG NO: 527RS
WORK ORDER:
1329-03-2017



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 22 March, 2017
A/C TSN: 1816.4
HOBBS: 1816.4

Airframe Entries

(1) Performed Annual inspection of engine per FAR part 43 appendix D checklist. Fuel strainer removed, inspected and installed. No discrepancies noted. Central and inline filters for primary and standby instrument pressure systems replaced, central filter replacement due at 3/2018 or 1916.4 TT and inline replacement due at 3/2018 or 2316.4 TT. ELT inspected I/AW FAR 91.207(d). No discrepancies noted. Battery replacement due 2/2018. Complied with SI No. 0488-281 Rev II Inspection of Fuel Cell Vent Lines and Fuel Filler Caps. No discrepancies noted. Next due at 1916.4. Replaced fuel caps inner and outer o-rings. Complied with SI No. 0166-258 Rev. I Inspection of Flexible Air Ducts. No discrepancies noted. Next due at 1916.4. Complied with SI No. 0632-280 Rev. I Inspection of Condition of Fuel Cells. No discrepancies not. Next due at 1916.4. Complied with Fire Extinguisher inspection and re-weighing. No discrepancies noted and extinguisher labeled. Landing gear tensions and clearance checked. All found within specification. Wheel bearing inspected and lubricated. No discrepancies noted. Lubricated all points. Operated landing gear 8X normal and 2X emergency, all fault free cycles. (4) Battery Pn. 242 Sn. G02823219 removed. Activated battery Pn. 242 Sn. G02924068 I/AW Gill manual TBP 1560 Rev. H and installed in aircraft. Next capacity check due 3/2018.

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

DATE: 22 March, 2017

SIGNED:

Work Order: 1329-03-2017

John O'Connell, IA: 3564328

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG NO: 527RS
WORK ORDER:
1472-02-2018



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 25 January, 2018
A/C TSN: 1841.3
HOBBS: 1841.3

Airframe Entries

(1) Performed annual inspection of airframe per FAR 43 appendix D checklist. Wheel bearings cleaned and repacked, landing gear points greased. Retraction check performed, down lock tensions and sector gear clearance found within limits. Checked and cleaned fuel strainer screen. Checked and cleaned fuel strainer screen. AD compliance checked through issue 2018-03 with no new or recurring ADs on airframe. (2) FAR 91.207 complied with by inspection. Installed new battery Pn. 452-0222 Sn. 376554-003, due March 2023. Next inspection due 2/28/2019.

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

DATE: 25 January, 2018

SIGNED:

Kenneth R. Robbins, IA: 3129824

Work Order: 1472-02-2018

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG NO: 527RS
WORK ORDER:
1565-09-2018



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 9/19/2018
A/C TSN: 1934
HOBBIS: 1934

43

Airframe Entries

(2) A.D. 84-26-02 eff. 01/29/1985 Complied with by engine air filter replaced with new. Next due at 2454.0... (3) Landing gear down and in-transit indicators lamps replaced with new. Operational check satisfactory.

DATE: 9/19/2018

SIGNED:

John O'Connell, A&P: 3564328

Work Order: 1565-09-2018

Printed by EBis 3 (datcomedia.com)

NSE
BER

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG NO: 527RS
WORK ORDER:
1638-01-2019



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 08 February, 2019
A/C TSN: 1932.6
HOBBIS: 1932.6

Airframe Entries

(1) Performed annual inspection of airframe per FAR 43 appendix D checklist. Wheel bearings cleaned and packed, airframe points lubricated. Checked and cleaned fuel strainer screen, reinstalled with new gasket. Landing gear lubed and retraction check performed. Landing gear down lock tensions checked within limits and dynamic braking of gear actuator checked with correct free-play. Replaced primary instrument air filters (inlet and in-line pressure filter). Performed ELT check per FAR 91.207 (d), found operational with next battery replacement due 3/1/2023.... (4) Installed new bearings and races in nose wheel.... (5) Installed new bulbs in the upper and lower beacon lights. Tests ok.... (6) Installed new bulb in the tail nav light, operation checked normal.... (7) Installed new seals on left and right main fuel tank caps.... (8) Installed new GA 35 (s/n 158254) Garmin WAAS antenna as a replacement to existing. Signal reception checked via self test in Garmin unit and indicates good. Antenna circumference and mounting screws sealed per Garmin instructions.

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

DATE: 08 February, 2019

SIGNED:

Kenneth R Robbins, IA: 3129824

Work Order: 1638-01-2019

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG NO: 527RS
WORK ORDER:
1693-05-2019



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 21 May, 2019
A/C TSN: 1935
HOBBIS: 1935

Airframe Entries

(1) #1 CHT probe troubleshot. Repaired broken wire. Operational check satisfactory.

DATE: 21 May, 2019

SIGNED:

John O'Connell, A&P: 3564328

Work Order: 1693-05-2019

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG NO: 527RS
WORK ORDER:
1738-08-2019



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 22 August, 2019
A/C TSN: 1975.7
HOBBIS: 1975.7

Airframe Entries

(1) Replaced primary alternator with New ALV-9610 s/n H-T061899. Performed clutch check and installed alternator with new gasket. Operation checked good, no leaks noted.... (2) Serviced brake reservoir with Mil-H-5606.

DATE: 22 August, 2019

SIGNED:

Kenneth R Robbins, A&P: 3129824

Work Order: 1738-08-2019

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG. NO: 527RS
WORK ORDER:
1830-01-2020



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 13 February, 2020
A/C TSN: 2008.8
HOBBS: 2008.9

44

Airframe Entries

(1) Performed annual inspection of airframe per FAR 43 appendix D checklist. Wheel bearings cleaned and packed, airframe points lubricated. Checked and cleaned fuel strainer screen, reinstalled with new gasket. Tip tank pump screens replaced with new. Landing gear lubed, tensions and dimensions checked, and retraction check performed. Landing gear swung 8X Normal 2X emergency, no discrepancies noted. Replaced primary instrument air filters (inlet and in-line pressure filter).... (4) A.D. 2001-08-08 Eff. 06/07/2001 To prevent the tailpipe from detaching from the turbocharger due to failure of the V-band exhaust clamp complied with repetitive inspection. No discrepancies noted. **Clamp replacement due 2067.8**.... (5) Complied with FAR 91.207 (d) by inspection. No discrepancies noted. Next inspection due 2/2021 and battery due 3/1/2023.... (6) Installed customer provided fuel cap washer replacements, Pn. M-00-1000-2 on main fuel tank caps.... (8) Left main tire assembly removed. Installed new tire Sn. 9093S00155 and tube. Inflated tire and leak check satisfactory. Installed tire assembly, torqued and safetied.... (9) Pilot side window insert removed. Cleaned interior of airframe window and exterior of insert. Installed insert.... (11) Removed rust on the top of the oil gauge by sand-blasting, primed and painted yellow and reinstalled in aircraft.... (13) Installed new battery Pn. 7242-14 Sn. G03086142. Capacity check due 2/28/2021.... (15) Trouble shot tip tank gauge intermittent failure. Tip tank fuel indicator connector strain relief adjusted and secured wiring. Operational check satisfactory.... (16) Installed ring terminal on auxiliary input on forward spar cover.... (17) Seat nylon roller replaced for seats #2,3,4. Operational check satisfactory.... (18) Flexible coupler for inlet side of intercooler repositioned for complete engagement.

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

DATE: 13 February, 2020

SIGNED:

John O'Connell, IA: 3564328

Work Order: 1830-01-2020

Printed by EBis 3 (datcomedia.com)

LICENSE
NUMBER

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG. NO: 527RS
WORK ORDER:
1914-07-2020



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 18 August, 2020
A/C TSN: 2023.1
HOBBS: 2023.1

Airframe Entries

(1) Installed new EGT probe for cylinder #1 and new TIT in turbo inlet. Operational check satisfactory.... (3) Engine monitor Pn. EGT 701-6C-A-F/RM Sn. 28456 removed. Rebuilt by CRS# PT1274NM WO# R170820-1. Installed in original location and operational check satisfactory.

DATE: 18 August, 2020

SIGNED:

John O'Connell, A&P: 3564328

Work Order: 1914-07-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft
Co
MODEL: A36
S/N: E3222
REG. NO: 527RS
WORK ORDER:
2029-02-2021



Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 01 March, 2021
A/C TSN: 2075.1
HOBBS: 2075.1

Airframe Entries

(1) Performed annual inspection of airframe per FAR 43 appendix D checklist. Wheel bearings cleaned and packed, airframe points lubricated. Checked and cleaned fuel strainer screen, reinstalled with new gasket. Landing gear lubed, tensions and dimensions checked, and retraction check performed. Landing gear swung 8X Normal 2X emergency, no discrepancies noted.... (4) Complied with FAR 91.207 (d) by inspection. No discrepancies noted. Next inspection due 3/2022 and battery due 3/1/2023.... (5) A.D. 2001-08-08 eff. 6/7/2001 complied with by **clamp replacement**. Next due at 2475.1 or 2/2025.... (6) A.D. 76-07-12 R1 Eff. 8/30/1977 Ignition Switch inspection complied with and no discrepancies noted. Next due 2175.1.... (7) Battery installed 2/2020 new and capacity check due 8/2021.... (9) Installed new ring terminal on left magneto p lead. Operational check satisfactory.... (10) Air conditioner belt tensioned.

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

DATE: 01 March, 2021

SIGNED:

John O'Connell, IA: 3564328

Work Order: 2029-02-2021

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft Co
MODEL: A36
S/N: E3222
REG. NO: 527RS
WORK ORDER:
2227-02-2022

Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 31 March, 2022
A/C TSN: 2107.3
HOBS: 2107.3

Airframe Entries

(1) Performed annual inspection of airframe per FAR 43 appendix D checklist. Nose landing gear wheel bearings cleaned and lubricated. Checked and cleaned fuel strainer screen, reinstalled with new gasket. Landing gear lubed, tensions and dimensions checked, and retraction check performed. Landing gear swung 8X Normal 2X emergency, no discrepancies noted. Airworthiness directives checked thru ATP Rev. 03/29/2022.... (4) Complied with FAR 91.207 (d) by inspection. No discrepancies noted. Next inspection due 3/1/2023 and battery due 3/1/2023.... (7) Left fuel tank sump cleaned with compressed air. No leaks noted.... (8) JPI CHT ground wire for cylinder #1 ring terminal replaced.... (9) Installed new fire extinguisher in existing location. P/N: A344T S/N: H-09443106. Initial weight 2 Lbs 6.0 Oz.... (11) Engine monitor EGT/ANIFF selector aligned and tightened.

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

DATE: 31 March, 2022

SIGNED:

John O'Connell
John O'Connell, IA: 3564328

Work Order: 2227-02-2022

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft Co
MODEL: A36
S/N: E3222
REG. NO: 527RS
WORK ORDER:
2473-03-2023

Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 14 April, 2023
A/C TSN: 2140.2
HOBS: 2140.2

Airframe Entries

(1) Performed annual inspection of airframe per FAR 43 appendix D checklist. Landing gear wheel bearings cleaned and lubricated. Checked and cleaned fuel strainer screen, reinstalled with new gasket. Landing gear lubed, tensions and dimensions checked, and retraction check performed. Landing gear swung 8X Normal 2X emergency, no discrepancies noted. Airworthiness directives checked thru ATP Rev. 04/14/2023.... (4) Far 91.207 (d) ELT inspection complied with by inspection and installation of a new battery, Pn. 452-0222 Sn. 399569-006. Next inspection due 4/2024 and battery replacement due 3/31/2028.... (5) Battery Pn. 7242-14 Sn. G03137348 removed. Installed new battery Ph. RG24-16 Sn. 41281999. Battery capacity check due 4/2024.... (6) Installed new EGT probe on right hand exhaust. Ground operated engine and operation normal.... (7) Cowl latches lubricated at adjusted. Function normal.... (11) A.D. 76-07-12 R1 Ignition Switch complied with by inspection, next due 2240.2.... (12) Tail beacon lamp replaced with new. Operational check satisfactory.... (13) Installed ring terminal on right inboard flap bonding strap.... (14) Pressure pump central and pressure filters replaced with new on primary and standby systems. Next due 4/2024.... (15) Landing gear left side schrader valve housing resealed with new o-ring. Adjusted all strut nitrogen levels to specification.

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

DATE: 14 April, 2023

SIGNED:

John O'Connell
John O'Connell, IA: 3564328

Work Order: 2473-03-2023

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft Co
MODEL: A36
S/N: E3222
REG. NO: 527RS
WORK ORDER:
2681-01-2024

Scanlon Aviation

451 Airport Road
Novato, CA 94945
Phone: 415-897-9787

DATE: 30 January, 2024
A/C TSN: 2161.8
HOBS: 2161.8

Airframe Entries

(2) Installed customer provided battery minder interface kit using provided circuit protection and hardware. Connector installed at firewall above battery box on solenoid cover plate.

DATE: 30 January, 2024

SIGNED:

Kenneth R. Robbins
Kenneth R. Robbins, A&P: 3129824

Work Order: 2681-01-2024

Printed by EBis 3 (datcomedia.com)

MAKE: Raytheon Aircraft Co
MODEL: A36
S/N: E3222
REG. NO: 527RS



Scanlon Aviation
451 Airport Road
Novato, CA 94945

W/O #: 2728-04-2024
DATE: 06-24-2024
A/C TT: 2170.5
Hobbs: 2170.5
A/C Tach:

46

Airframe Entries

Performed annual inspection of airframe per FAR 43 appendix D checklist. Landing gear wheel bearings cleaned and lubricated. Checked and cleaned fuel strainer screen, reinstalled with new gasket. Landing gear lubed, tensions and dimensions checked, and retraction check performed. Landing gear swung 8X Normal 2X emergency, no discrepancies noted. Airworthiness directives checked thru ATP Rev. 5/24/2024. FAR 91.207 (d) ELT check complied with. Next inspection due 5/2025 and battery replacement due 3/31/2026. ... Removed old instrument air pump and accessory drive adapter. Removed gasket material from accessory case and drive adapter. Installed new 90° fittings on instrument air pump. Evacuated instrument air system and installed new filters on primary and back up system. Operational and leak check satisfactory. ... Right main landing gear wheel assembly removed. Disassembled, cleaned and visually inspected all parts. No discrepancies noted. Installed new tube in tire Pn. 076-313-0 Sn. 1357T00159. Assembled wheel halves and torqued. Serviced tire with air and performed 24 hour leak test. No discrepancies noted. Installed wheel assembly on axle, torqued and safetied. ... Nose gear tunnel deck crack stop drilled and doubler installed. Landing gear retracted and clearance checked. ... Left fuel drain removed and replaced with new. Cleaned old fuel staining. No leaks noted. ... A.D. 2023-08-09 Eff. 07/17/2023 To Prevent Failure of the Spoil-Welded, Multi-Segment Exhaust Tailpipe V-Band Coupling does not apply due to aircraft is in compliance with A.D. 2001-08-08. ... Starter removed to gain access to air conditioner adjustment arm. Air conditioner belt removed. Installed new belt and tensioned. Installed starter with new o-ring. Operational and leak check satisfactory. ... A.D. 2023-17-04 eff. 5/26/2026 To Address Radio Altimeter Anomalies not applicable due equipment not installed. ... A.D. 2023-17-04 eff. 10/26/2023 To Prevent Loss of Engine Power not applicable due to oil filter adapter not installed.

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

DATE: 05-24-2024

SIGNED:

John O'Connell
IA: AP3564328IA

WORK ORDER: 2728-04-2024

Printed by EBIS (EBISCloud.com)

2891-11-2024 (06-06-2025)

Page 1 / 1

MAKE: Raytheon Aircraft Co
MODEL: A36
S/N: E3222
REG. NO: 527RS



Scanlon Aviation
451 Airport Road
Novato, CA 94945

W/O #: 2891-11-2024
DATE: 06-06-2025
A/C TT: 2203.5
A/C Tach:
Hobbs: 2203.5

Airframe Entries

Performed annual inspection of airframe per FAR 43 appendix D checklist. Landing gear wheel bearings cleaned and lubricated. Checked and cleaned fuel strainer screen, reinstalled with new gasket. Landing gear lubed, tensions and dimensions checked, and retraction check performed. Landing gear swung 8X Normal 2X emergency, no discrepancies noted. Airworthiness directives checked thru ATP Rev. 6/5/2025. FAR 91.207 (d) ELT inspection performed and no discrepancies noted. Next inspection due 6/2026 and battery replacement due 3/31/2028. ... Cylinder #1 EGT probe replaced with new. ... Fuel cell left side removed. Interior of fuel bay inspected and prepped by taping any abrasion potentials. Installed new PMA fuel cell Pn. 35-380135-9-E. Checked operation of fuel senders, left and right tank both read E when empty. Torqued bolts and clamps, safetied bolts. Serviced fuel tank full, no leaks noted. ... Nose landing gear wheel assembly removed. Disassembled, cleaned and visually inspected. No discrepancies noted. Assembled with new tube Pn. 302-013-400 and tire Pn. 505C66-5 Sn. 33500239. Torqued wheel halves and inflated to 40 psi, 24 hour leak test satisfactory. Adjusted tire pressure. Installed wheel assembly, torqued and safetied. ... Complied with Tornado Alley Turbo, Inc. Airworthiness limitation for fluid carrying hoses used in turbo normalizing system by replacement of affected hoses. Next due at 6/2035 or on condition. ... A.D. 76-07-12 R1 eff. 8/30/1977 Ignition Switches complied with by grounding check. No discrepancies noted. next due at 2303.5. ... Battery Capacity Check I/AW Concorde Rg Series Batteries. Battery passed at 100%. next inspection due 5/2026. ... TAT SB24-01 Turbocharger Check Valve Inspection and Cleaning complied with. Next cleaning / inspection due 6/2026. Performed compression check after test flight. MO 41/80 #1 61/80 #2 71/80 #3 64/80 #4 68/80 #5 73/80 #6 75/80. Installed upper spark plugs with new gaskets. ... Air conditioner belt tension adjusted. ... Landing gear right main brake line from strut to airframe replaced with new. Brake system bled. ... Landing gear left main brake line from strut to airframe replaced with new. Brake system bled.

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

DATE: 06-06-2025

SIGNED:

John O'Connell
A&P: AP3564328IA

WORK ORDER: 2891-11-2024

Printed by EBIS (EBISCloud.com)

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

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

[illegible]

A/C: A36
N: 3222 B
S/N: 3222

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

DATE: 10-03-00
W.O.# 8157
HM: 224.6

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
B. SERIAL NUMBER
C. REPLY FREQ.
D. SUPPRESSION
D.1 SUPPRESSION P2 DOWN 9DB
E. RECEIVER SENSITIVITY "A"
F. RECEIVER SENSITIVITY "C"

ATC-1
KT566
5007
1090
OK
OK
74
74

ATC-2

SIGNED Charles A. Nash FOR
APPROVED FOR RETURN TO SERVICE
RAYTHEON AIRCRAFT SERVICES, INC. CRS CGOR815C
GREATER ROCKFORD AIRPORT
ROCKFORD, IL 61109

SIGNED Charles A. Nash FOR
RAYTHEON AIRCRAFT SERVICES CRS CGOR815C
GREATER ROCKFORD AIRPORT
ROCKFORD, ILLINOIS 61109

MAINTENANCE RELEASE

Type of Unit ENCODING ALT N
M.F.R. King Model KT-76C S.N. 29645

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 8157 Date 10-03-00

Signed Charles A. Nash

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

MAINTENANCE RELEASE

Type of Unit TRANSPONDER N
M.F.R. King Model KT-76C 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 repair are on file at this Agency under work

order 8157 Date 10-03-00

Signed Charles A. Nash

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

S/N 29645

W.O. No. 8157

DATE 10-03-00

Altitude Reads	Error	Altitude Reads	Error
0	+10	14,000	+20
500	+10	16,000	+25
1,000	+10	18,000	+20
1,500	+20	20,000	+20
2,000	+5	22,000	
3,000	+5	25,000	
4,000	+10	30,000	
6,000	+10	35,000	
8,000	0	40,000	
10,000	+10	45,000	
12,000	+20	50,000	
HY 50%	+10	HY 40%	+10

After Effect +10

Raytheon Aircraft Services CRS CGOR815C
Greater Rockford Airport
Rockford, Illinois 61109

RECEIVER SENSITIVITY "C"
RECEIVER SENSITIVITY "V"
SUPPRESSION 63 DOWN 80B
SUPPRESSION
KEY/ALARM
SERIAL NUMBER
MODEL

Aircraft Model

Serial Number

Reg #

Owner's Name

A/C: A36
S/N: 3222
N#: 3222B

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
AIRFRAME LOG BOOK INSERT

DATE: 10-3-00
W.O.: 8157
HRS: 224.6

THE AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM(S) HAS BEEN TESTED AND INSPECTED AND FOUND TO C/W PARAGRAPH (C), APPENDIX E OF PART 43.

I CERTIFY THAT ALT. & STATIC SYS. TESTS REQUIRED BY F.A.A., PART 91.411, HAVE BEEN PERFORMED. STATIC SYS. TEST DATE

L/H ALT. S/N 29645 TESTED TO 20,000 FT.

BY RAYTHEON AIRCRAFT SERVICES DATE 10-03-00

R/H ALT. S/N N/A TESTED TO N/A FT.

BY N/A DATE N/A

REF. MAINTENANCE RELEASE TAGS IN BACK OF LOGS.

SIGNED Charles A. Nash FOR
RAYTHEON AIRCRAFT SERVICES CRS CGOR815C
GREATER ROCKFORD AIRPORT
ROCKFORD, ILLINOIS 61109

MAINTENANCE RELEASE

Type of Unit ENCODING ALT N
M.F.R. King Model IPC S.N. 29645
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 ser-
vice with respect to the work performed. Pertinent details of
the repair are on file at this Agency under work

order 8157 Date 10-03-00

Signed Charles A. Nash

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

MAINTENANCE RELEASE

Type of Unit XPRINDER N
M.F.R. King Model KT-76C 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 ser-
vice with respect to the work performed. Pertinent details of
the repair are on file at this Agency under work

order 8157 Date 10-03-00

Signed Charles A. Nash

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

S/N <u>29645</u>		DATE <u>10-03-00</u>	
W.O. No. <u>8157</u>			
Altitude Reads	Error	Altitude Reads	Error
0	+10	14,000	+20
500	+10	16,000	+25
1,000	+10	18,000	+20
1,500	+20	20,000	+20
2,000	+5	22,000	
3,000	+5	25,000	
4,000	+10	30,000	
6,000	+10	35,000	
8,000	0	40,000	
10,000	+10	45,000	
12,000	+20	50,000	
HY 50%	+10	HY 40%	+10

After Effect 116
Raytheon Aircraft Services CRS CGOR815C
Greater Rockford Airport
Rockford, Illinois 61109

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Aircraft Model A-36 Serial Number E-3222
Reg # N-3222B Owner's Name _____

ITEM	DATE/TIME		INSPECTED BY	COMPLYING AGENCY	NOTATIONS	NEXT DUE																																																																				
	DUE	CHECKED																																																																								
9-25-02 HOBBS 510.0					TRANSPODERISI HAVE BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF PART 43 I.A.W. FAR 91.413 DATE <u>9/25/02</u> W.O.# <u>72983</u> SIGNED <u>[Signature]</u> BAY AVIONICS																																																																					
ALTIMETER/STATIC AND ALTITUDE REPORTING EQUIPMENT SYSTEMS HAVE BEEN TESTED AND INSPECTED PER APPENDICES E AND F OF PART 43 AS REQUIRED BY FAR 91.411 CALIBRATED TO <u>20,000'</u> DATE <u>9/25/02</u> SIGNED <u>[Signature]</u> BAY AVIONICS, FAA CRS #WK3R948L					#1 SCALE CORRECTION <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Indicated</th> <th>Add</th> <th>Indicated</th> <th>Add</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>0</td><td>18000</td><td>-20</td></tr> <tr><td>-500</td><td>0</td><td>20000</td><td>-20</td></tr> <tr><td>0</td><td>0</td><td>22000</td><td>N/A</td></tr> <tr><td>500</td><td>0</td><td>25000</td><td>N/A</td></tr> <tr><td>1000</td><td>0</td><td>30000</td><td>N/A</td></tr> <tr><td>1500</td><td>0</td><td>35000</td><td>N/A</td></tr> <tr><td>2000</td><td>0</td><td>40000</td><td>N/A</td></tr> <tr><td>3000</td><td>0</td><td>45000</td><td>N/A</td></tr> <tr><td>4000</td><td>0</td><td>50000</td><td>N/A</td></tr> <tr><td>6000</td><td>0</td><td></td><td></td></tr> <tr><td>8000</td><td>10</td><td></td><td></td></tr> <tr><td>10000</td><td>0</td><td></td><td></td></tr> <tr><td>12000</td><td>0</td><td></td><td></td></tr> <tr><td>14000</td><td>-20</td><td></td><td></td></tr> <tr><td>16000</td><td>-20</td><td></td><td></td></tr> <tr><td>17500</td><td>-30</td><td></td><td></td></tr> </tbody> </table>	Indicated	Add	Indicated	Add	-1000	0	18000	-20	-500	0	20000	-20	0	0	22000	N/A	500	0	25000	N/A	1000	0	30000	N/A	1500	0	35000	N/A	2000	0	40000	N/A	3000	0	45000	N/A	4000	0	50000	N/A	6000	0			8000	10			10000	0			12000	0			14000	-20			16000	-20			17500	-30			Model: KEA 130A S/N: 30145
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October 5, 2004 N527RS, Beech A36 S/N: E-3222 Hour Meter: 747.6 I certify that the Altimeter and Static System Tests required by FAR 91.411 have been performed and found to comply with FAR 43, Appendix E, Par. (a), (b) and (c). The installed system meets the requirements of FAR 91.217. The altimeter was tested to 20,000 feet on October 5, 2004. ALTIMETER/ENCODING: MODEL# KEA 130A S/N: 30145 I certify that Transponder Tests required by FAR 91.413 have been performed and found to comply with FAR 43, Appendix F. TRANSPONDER: MODEL# KT 76C S/N: 5007 Technician(s): C. Ehlers and G. Schlimmer Inspector: <u>[Signature]</u> Kerry D. Glavich for CRS# PCPR439B					Mather Aviation LLC Sacramento Mather Airport, CA 95655 FAA CRS No. PCPR439B WOH# 408710																																																																					

Date 8/22/2006

W/O# 6755

WOODLAND AVIATION INC

Airframe (Avionics) Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach
Time

987.3

REPLACED ALTIMETER P/N 066-03064-0005, S/N 30145 WITH REPLACEMENT ALTIMETER
 P/N 066-03064-0005, S/N 32984. REPLACEMENT PART WAS INSPECTED BY CRS# OL2D061L
 UNDER WORK ORDER: WRK0085030 DATED 8/21/2006. LEAK CHECK TO 1000 FT PASSED.

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: [Signature]

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 35,000 ft. IAW FAR 43 Appendix E. Signed [Signature]

Douglas E. Barton

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Date 10/5/2006
W/O# 6967

**WOODLAND
AVIATION INC**

Airframe (Avionics) Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach
Time 1001.4

REPLACED DISPLAY PN 037-05105-0001. REASSEMBLED RADIO AND 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: Signed: *Douglas E. Barton*

Douglas E. Barton

STERLING

Removed defective King KEA 130A encoding altimeter, P/N 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 satisfactory.---END-----

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: *Henson*

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

101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580



05

STATIC AND AVIONICS CHECKS
RECORD OF COMPLIANCE

ENTER 15 DIGIT HEX CODE HERE:

2DC85 5083A FFBFF

THIS ELT IS PROGRAMMED FOR
AND MUST BE REGISTERED IN:

COUNTRY: UNITED STATES CODE: 366

Date 9/26/2007

W/O# 8058



Airframe (Avionics) Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach

Time

1081.8

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 SATISFACTORILY, 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*

Douglas E. Barton

ENTER 15 DIGIT HEX CODE HERE:

2DC85 50832 FFBFF

THIS ELT IS PROGRAMMED FOR
AND MUST BE REGISTERED IN:

COUNTRY: USA

CODE: 366

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Date 12/10/2007

W/O# 8502



Airframe (Avionics) Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach
Time 1106.8

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. Barton*

Douglas E. Barton

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 WRK0129367 DATED 9/8/2008. PERFORMED GNS 530W OBS CALIBRATION AND RESET 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*

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*

Douglas E. Barton

INSTRUMENT, STATIC AND AVIONICS CHECKS

Date 10/12/2009

W/O# 10341



Airframe (Avionics) Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

Watts Woodland Airport, Woodland, CA 95695

Tach
Time 1279.2

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. INSPECTED GDL 69A SYSTEM IAW INSTRUCTIONS FOR CONTINUED AIRWORTHINESS DOCUMENT NUMBER 190-00355-00 REV D DATED 7/20/2009 WITH NO DISCREPANCIES NOTED. INSPECTED GNS 530W SYSTEM IAW INSTRUCTIONS FOR 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*

Douglas E. Barton

A/C Mod: BE-36
Reg. No.: N527RS

Date: 05/11/2010
W.O. # 23516

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

Date: 5/11/2010

Signed: 

Richard Kurtz / President

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

ITEM	DATE/TIME		INSPECTED BY	COMPLYING AGENCY	NOTATIONS	NEXT DUE
	DUE	CHECKED				

Date 11/2/2010

W/O# 11065



Airframe (Avionics) Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

25170 Aviation Ave., Davis, CA 95616

Tach/
Hobbs 1409.0
FLIGHT

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 20,000 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: Douglas E. Barton

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

Douglas E. Barton

Date 12/14/2011

W/O# 11888



Airframe (Avionics) Logbook Entry AIRCRAFT: N 527RS

CRS AWKR298C

S/N E-3222

25170 Aviation Ave., Davis, CA 95616

Tach/
Hobbs 1479.0
FLIGHT

UPDATED GARMIN GDL 69A P/N 011-00987-00, S/N 47758427 FROM SOFTWARE VERSION 3.20 TO 4.01 IAW GARMIN SOFTWARE SB 1120 REV A DATED 7/14/2011. CONFIRMED CORRECT SOFTWARE VERSION IN AIRCRAFT AND PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED. REMOVED GARMIN GMX 200 MFD P/N 011-01465-00, S/N 38400746 FOR FLAT RATE REPAIR. MFD SD CARD SENT WITH UNIT. REINSTALLED CUSTOMERS ORIGINAL GARMIN GMX 200 MFD P/N 011-01465-00, S/N 38400746 AFTER BEING REPAIRED BY GARMIN AT, INC., CRS# JC6R634N UNDER RMA# 662954 DATED 12/9/2011. CONFIRMED UNIT IS CONFIGURED FOR CUSTOMERS AIRCRAFT 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

Douglas E. Barton



Date 12/5/2014

Airframe Logbook Entry

AIRCRAFT: N 527RS

W/O# 14018

CRS AWKR298C

S/N: E-3222

25170 Aviation Ave., Davis, CA 95616

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 WRK0235106 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

Airframe Logbook Entry

AIRCRAFT: N 527RS

W/O# 14094

CRS AWKR298C

S/N: E-3222

25170 Aviation Ave., Davis, CA 95616

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

Airframe Logbook Entry

AIRCRAFT: N 527RS

W/O# 14996

CRS AWKR298C

S/N: E-3222

25170 Aviation Ave., Davis, CA 95616

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

Direct Avionics · CRS #D5IR816J · Novato, CA 94945 · (415) 892-3511

N#	N527RS	W/O #	3796	Date	4/5/2017	Hobbs/Tach	1817.0
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The Altimeter/Static/Automatic Pressure Altitude/Transponder reporting systems have been tested and inspected and found to comply with Appendices E and F of CFR Part 43 as required by CFR Parts 91.411 and 91.413. Tested to 25k ft.

This aircraft and/or components identified above were repaired and inspected in accordance with the Federal Air Regulations and were found to be airworthy for return to service.

Signature

Certificate #/Type 2510668

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

ITEM	DATE/TIME		INSPECTED BY	COMPLYING AGENCY	NOTATIONS	NEXT DUE
	DUE	CHECKED				

Direct Avionics · CRS #D5IR816J · Novato, CA 94945 · (415) 892-3511

N#	N527RS	W/O #	3868	Date	1/10/2018	Hobbs/Tach	1841.3
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Removed Bendix/King KT76C Transponder, p/n 066-01156-0101, s/n 5007, and installed Garmin GTX 345 TXP, s/n 3EG008534, and coupled to GNS-530W, audio panel, GMX-200, TAS600 and encoder, IAW Garmin STC SA01714W1 Rev 3 and provided AFMS, p/n 190-00734-15, Rev 2 and ICAW, p/n 190-00734-11, Rev 5. See FAA Form 337 this date. Change to Weight and Balance negligible. Updated GNS-530W Main SW to Ver 5.30 IAW Garmin SB 1618, Rev A.

The Altimeter/Static /Automatic Pressure Altitude/Transponder reporting systems have been tested and inspected and found to comply with Appendices E and F of CFR Part 43 as required by CFR Parts 91.411 and 91.413. Tested to 25k ft.

This aircraft and/or components identified above were repaired and inspected in accordance with the Federal Air Regulations and were found to be airworthy for return to service.

Signature  Certificate # 2510668

Direct Avionics · CRS #D5IR816J · Novato, CA 94945 · (415) 892-3511

N#	N527RS	W/O #	4263	Date	2/6/2020	Hobbs/Tach	H2009.1
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The Altimeter/Static /Automatic Pressure Altitude/Transponder reporting systems have been tested and inspected and found to comply with Appendices E and F of CFR Part 43 as required by CFR Parts 91.411 and 91.413. Tested to 25k ft.

This aircraft and/or components identified above were repaired and inspected in accordance with the Federal Air Regulations and were found to be airworthy for return to service.

Signature  Certificate #/Type 2510668

Direct Avionics · CRS #D5IR816J · Novato, CA 94945 · (415) 892-3511

N#	N527RS	W/O #	5220	Date	2/23/22	Hobbs/Tach	2101.5
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The Altimeter/Static /Automatic Pressure Altitude/Transponder reporting systems have been tested and inspected and found to comply with Appendices E and F of CFR Part 43 as required by CFR Parts 91.411 and 91.413. Tested to 25k ft.

This aircraft and/or components identified above were repaired and inspected in accordance with the Federal Air Regulations and were found to be airworthy for return to service.

Signature  Certificate #/Type 2510668

INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

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01

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