

ASA/SA-2



The Standard
AIRCRAFT LOG

2

Prepared by Ralph T. Day

Date 7-14-17

AIRCRAFT RECORD — GENERAL INFORMATION

BOOK #2

MANUFACTURER Grumman American MODEL AA 5B SERIAL AA 5B 0213

REGISTRATION NUMBER N74400

DATE MFG. _____

ENGINE(S) CURRENTLY INSTALLED.

MFG Lycoming MODEL O-360A 4K SERIAL L 20936-36A

MFG _____ MODEL _____ SERIAL _____

PROPELLER(S) CURRENTLY INSTALLED.

MFG _____ MODEL _____

HUB MODEL _____ SERIAL _____ SERIAL _____

BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____

BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____



The Standard

AIRCRAFT LOG

DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-8-93	Tach 1866.76			Exchanged Narco AR-500 encoder S/N 10328 with Ameri-King AK-350 encoder S/N 3507615, ✓
<p>The unit identified above was installed in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details are on the file at this Agency under: W.O.# <u>4573</u> Date <u>6-8-93</u> Signed <u>Quinn Hatcher</u></p>				
Date <u>6-8-93</u>	<p>Altimeter and Static System Tests performed to comply with FAR 91.411. Altimeter has been tested to <u>20000</u> ft. Make & Model <u>United 5934P-1</u> S/N <u>N4124</u> W.O. <u>4573</u> Signature <u>Quinn Hatcher</u></p>			<p>Date <u>6-8-93</u> I certify this ATC transponder <u>Narco</u> <u>AT-50A</u> S/N <u>37555</u> and automatic pressure altitude reporting system <u>Ameri King AK-350</u> S/N <u>3507615</u> has been tested and inspected to comply with FAR 43, Appendix E & F in compliance with FAR 91.411 & 91.413. Static system test completed. W.O.# <u>4573</u> <u>Quinn Hatcher</u> Authorized signature for</p>
<p>Monroeville Aviation & Avionics Center, Inc. FFA Repair Station HX4R248M P. O. Box 189 Monroeville, AL 36461</p>				
6/8/93	mcv	VOR	CHECK	#1 VOR +2° #2 VOR +3° <u>Wynon</u>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-1-93				

12-1-93 Tach: 1887.8 Total Time: 1887.8 -- 100 hour inspection

Complaints: Pitot heat questionable

Action: Battery discharge on ampmeter during pilot heat operation indicates satisfactory operation.

Discrepancies found: ELT battery expired.

Corrective Actions: Replaced ELT battery with new one. Expiration date posted in front of log.

Routine Maintenance Actions: Serviced battery. Checked brakes and wheel bearings. Lubed trim tab arms and rollers.

Compliance with Airworthiness Directives: C/W Bendix ignition switch AD 76-07-12 by ignition shutdown of engine. C/W AD 79-22-04 by visual and functional inspection of aileron trim tabs, bearings, stops, rigging, cable tensions, and torque tubes.

Certification: I certify that this aircraft has been inspected IAW a 100 hour inspection and was determined to be in airworthy condition.

TERRY A. HODGES

A&P 263788506

Date 12-1-93 T.I. (H) 1887.7

I certify that this AC/EX has been inspected in accordance with a 100 hour

inspection & has been found airworthy

Sig. Terry A. Hodges

Cert. # A&P 263788506

DATE 1984	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/23/84	1839.9	N74400	MOBSS: 1899.9	4-25-84
				REPAIRED BATT2 CYLINDER R/H BEAT2 ASSY, PACKING PLUMS 28775-224, BLEED BEAT2ES, OBS & LEAK CHECK GOOD <i>[Signature]</i> APP 2548086
3-27-95	TACH: 1917.9	Total Time 1917.9 - 100 hour inspection		
				Cleaned and inspected air filter, Cleaned and inspected fuel screen, Lubed all control cables and pivot points, C/w AD 79-22-04 by visual and functional inspection of aileron trim tabs, bearings, stops, rigging, cable tensions, and torque tubes. C/w AD 81-24-03 by visual inspection of air box. I certify that this aircraft has been inspected IAW the requirements of a 100 hour inspection, and was determined to be in airworthy condition.
				<i>[Signature]</i> Jerry A. Hodges APP 263785506

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Date <u>3/27/95</u> T.T. (L) <u>1917.91</u></p> <p>I certify that this AC/Eng. has been inspected in accordance with a <u>Annual</u> inspection & has been found airworthy</p> <p>Sig. <u>Charles E. Hodges</u> Cert. # <u>A.P. 267260348 1A</u></p>
2 Sept 1996				<p>Total Time 1923 Hrs.</p> <p>ALL INSP PANELS OPENED, ALL CONTROLS CHK'D & LUBED, ALL WHEEL BEARINGS LUBED. BRAKE RES SERVICED. A/C BATT. SERVICED. REPLACED ELT BATT. ELT INSP I/A/W MAWV SPES. C/W A.D. 95-19-15 By INSP. C/W A.D. 94-25-04 By installing parts I/A/W S.B.</p> <p>→ REPAIRED NOSE GEAR SKIRT & REPAIRED SAME</p> <p>I CERTIFY THAT THIS A/C HAS BEEN INSP I/A/W AN ANNUAL INSP & WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p><u>Joe M. [Signature]</u> ASP1872449 DA</p>

Repaired Nose
Wheel fairing

INC.

3

-10

9

24

34

AFFIX



OK


DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS <small>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)</small>
8	NOV	1997	TACH 1933	TOTAL TIME 1933
				ALL INST. PANELS OPENED, ALL FLIGHT CONTROLS CK ^d + LUBED, ALL WHEEL BEARINGS CK ^d + LUBED, BRAKES CK ^d + SERVICED; INSTALLED NEW VRT FIN FAIRING SUPPLIED BY FLETCHMAR INC.
				C/N AN 81-24-03; ELT CK ^d FOR OPERATION & INSTALLATION, SEE AD LISTING IN BACK OF LOG FOR AD COMPLIANCE; I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION - JWH/jy DA 2466453
				Nose wheel fairing not removed.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
16	OCT	1999	TACH TIME & TOTAL TIME	1939.9
				ALL INSP. PANELS OPENED, ALL FLIGHT CONTROLS
				CK ^d & LUBED, SERVICED A/C BATT., ALL WHEEL
				BEARINGS CK ^d & LUBED, BRAKES CK ^d & SERVICED,
				AIR FILTERS / SCREENS CK ^d OR CLEANED,
				R&R ELT AFTER INSPECTION PER FAR 91.207(d),
				ELT BATT PACK REPLACEMENT DUE IS DEC 2000,
				CK ^d TORQUE ON NOSE GEAR FORK, PAINTED
				NEW WING - WALK ON LH WING, PITOT - STATIC /
				TRANSPONDER TEST DUE, c/w AD 76-07-12 CK OK,
				SEE AD LISTING FOR AD COMPLIANCE, I
				CERTIFY THAT THIS AIRCRAFT HAS BEEN
				INSPECTED IN ACCORDANCE WITH AN ANNUAL
				INSPECTION AND WAS DETERMINED TO BE
				IN AIRWORTHY CONDITION - <i>WLL</i> / IA 2466453

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				I certify that the tests and inspections required by FAR 91.411 and FAR 91.413 were performed in accordance with FAR 43 appendix E and F.
				<input checked="" type="checkbox"/> Altimeter(s) to <u>20,000</u> ft.
				<input checked="" type="checkbox"/> Encoder <input checked="" type="checkbox"/> Static system
				<input checked="" type="checkbox"/> Transponder: Make <u>Honeywell</u>
				Model <u>AHS-6A</u> S/N <u>375535</u>
				Date <u>11-12-99</u> BY: <u>[Signature]</u>
				AERO COMMUNICATIONS INC. CRS RJ2R137L

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-14-00	1948.5			Removed Engine for Overhaul. Re-install engine after Overhaul with new Ford Mounts, oil & fuel hoses. See Engine log book for engine accessories replaced at Overhaul. Engine ground run and Aft test flown good. This Aircraft returned to service
				SIGNATURE ENGINES 4204 Airport Rd Cincinnati OH 45226 FAA Repair Station E52R316
3-31-00	1961.1			Replaced ALL TIRES MAINS with new 600-6-GAH AND NOSE 500-S-6AH Replaced left main tube AND NOSE tube. Replaced ALL BEARING & RACES ALL wheels. Replaced MAIN wheel Brake Disc. OPERATIONAL check OF SYSTEM OK. ————— continued —

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				<p>The Aircraft and/or component identified was repaired and inspected in accordance with current instructions contained in <u>Crumman / Gullstream M11</u>, the maintenance rules of the Federal Aviation Regulations under which the operator is certified and is approved for return to service as per those requirements.</p> <p>Pertinent details of the repair are on file at this repair station under Work Order No: <u>2992</u></p> <p> PIEDMONT HAWTHORNE Date: <u>3-31-00</u> C.R.S. H8AR560J Signature of Authorized Representative: <u>[Signature]</u></p>
4-10-200			1980.0	<p>Repair Fuel leaks left & Right wings installed new Baskets Both Main Tanks Replaced customer supplied Fairings at fuselage & stabilizer, Replaced fuel vent hoses left & Right Main Tanks</p> <p>The Aircraft and/or component identified was repaired and inspected in accordance with current instructions contained in <u>Crumman / M11</u>, the maintenance rules of the Federal Aviation Regulations under which the operator is certified and is approved for return to service as per those requirements.</p> <p>Pertinent details of the repair are on file at this repair station under Work Order No: <u>2971</u></p> <p> PIEDMONT HAWTHORNE Date: <u>4-10-00</u> C.R.S. H8AR560J Signature of Authorized Representative: <u>[Signature]</u></p>

DATE 2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-22-00	1991			AIRCRAFT Inspected in ACCORDANCE with a ANNUAL inspection, Serviced Battery, Brakes, TIRES And wheel BEARINGS. Replaced all Brake linings with new. CW AD 79-22-04 Per PARA A 1-5 next Due TACH 2091, CW AD 81-24-03 Per PARA 1 192 inspection next Due 2016. AD 76-07-12 CW operational check next Due 2091-ANNUAL ((Installed modified Rudder cap, Installed exhaust & nose gear fairings, modified nose cowlings & installed cowl seal in ACCORDANCE with STC's or field Approvals see 337's This DATE.)) Repaired wiring to starter switch & solenoid. I certify this Aircraft to be in AIRWORTHY condition per A ANNUAL inspection.
				The Aircraft and/or component identified was repaired and inspected in accordance with current instructions contained in the maintenance rules of the Federal Aviation Regulations under which the operator is certified and is approved for return to service as per those requirements.
				Pertinent details of the repair are on file at this repair station under Work Order No: 3164
				 PIEDMONT HAWTHORNE C.R.S. H8AR560J
				Date: 11-22-00 Signature of Authorized Representative: <i>[Signature]</i>
				EIT inspected Per 91.207 Bat Due 12-2000

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

PENN AVIONICS, INC. 757 Collegeville Rd. Collegeville, PA 19126 VFA2715K
 LOG ID# 141 25 January 2001 WQ# 65101
 N71100 SN AA58-0213 GRUMAN AA58

2911

[Handwritten signature]

PART TWO OF TWO PAGES. SECTION TWO SN5-130 3PS PROGRAM "TEST" AND TO ENSURE THE
 LOG ID# 141 25 January 2001 WQ# 65101
 N71100 SN AA58-0213 GRUMAN AA58



International Shipping Notice - Carriage hereunder may be subject to the rules relating to liability and other terms and/or conditions established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air (the "Warsaw Convention") and/or the Convention on the Contract for the International Carriage of Goods by Road (the "CMR Convention"). These commodities, technology or software were exported from the U.S. in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited. For stopping places, call 1-800-782-7892. United Parcel Service, Louisville, KY

DATE 2001	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
April 18	2014			Replaced fairing, left end horizontal stabilizer. Part from Fletcher used part. Anthony Hyde
June	11, 2001			TACH Reads 2022.31 Installed new Beacon Power supply supplied by customer Whelen PART# 01-0770062-03 with New flash tube ASSY, PART# 01-0770058-03 Repaired broken switch wire to FLAP control. Tightened control handle. Installed new EIT Battery inspected in accordance with 91.207. Operational check of all items good.
				The Aircraft and/or component identified was repaired and inspected in accordance with current instructions contained in Gulf Stream MM, the maintenance rules of the Federal Aviation Regulations under which the operator is certified and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this repair station under Work Order No: 3316 Date: 6-11-01 Signature of Authorized Representative Piedmont Hawthorne C.R.S. H8AR560J

DATE

19

Altimeter Tested to Part 43

N74900

MFG _____

P/N _____

S/N _____

Test Date 12/7/01Mech. C. [Signature]Scale Error

-1000	0
0	0
500	+5
1000	+5
1500	0
2000	0
3000	+5
4000	+10
6000	+25
8000	+30
10000	0
12000	+10

Encoder

Up

Error

Down

+80	-15
-45	+50
-50	+35
-40	+55
-60	+30
-30	+60
-25	+70

Appendix E

Case leak at 12,000 ft
 Feet per min -80 ft

Hysteresis

50% 55
 40% 45
 After Effect +5

Friction

1000	+25
2000	+30
3000	+40
5000	+25
10000	+30
15000	+20
20000	+45
25000	
30000	
35000	
40000	
50000	

.TERATIONS

ATE NUMBER OF
'ECIFIC ENTRIES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS, AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Piedmont/Hawthorne C.R.S. H8AR560J (610)266-7343
600 Hayden Circle Allentown Pa. 18109

12-7-01 N74400 Tach reads 2100

All panels removed and aircraft thoroughly inspected. Serviced battery brakes tires and wheel bearings lubricated all controls. Replaced left and right brake linings with new. Resealed rt fuel tank leaks with PR-1826B 1/2 Rerigged flap indicating cable. Replaced left and right fuel tank vent hoses with new. Repaired wheel fairings with fiberglass repairs as needed. C/W AD 81-24-03 by inspection next due 2125 C/W AD76-07-12 By operational check next due 2200 C/W AD79-22-04 by inspection. ELT inspected in accordance with 91-207. Aircraft washed
I certify this airframe was inspected in accordance with a annual inspection and was found to be in airworthy condition.

This aircraft and or component identified was repaired and Inspected in accordance with current instructions contained in Grumman Maintenance Manual, and the maintenance Rules of the Federal Aviation Regulations under which the operator Is certified and is approved for return to service as per those requirements Pertinent details of the repair are on file at this repair station under work order # 3531 Date 12-7-01
Piedmont/Hawthorne
C.R.S. H8AR560J
Signature of authorized individual

Repaired Main gear fairing

DATE 19__

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICEDESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)**Piedmont Hawthorne Inc. Allentown Pa. CRS# H8AR560J**

11/14/02

2150.03 TT

Checked the following items per customer request:

- 1) Opened various panels to check for corrosion. No discrepancies noted.
Closed all panels.
- 2) Compressions: 1)74/80 2)74/80 3)71/80 4)73/80
- 3) Inspected oil screen. No discrepancies noted.
- 4) Complied with AD research thru 2002-23. Provided customer with listing.

The aircraft and engine identified was repaired and inspected IAW the current instructions contained in the Grumman American AA5B and Lycoming O-360 maintenance manuals and the rules of the FAR's under which the operator is certified and is approved for return to service. Pertinent details are on file at this repair station under W.O.# 3841.

Pat 2/14/02 H8AR560J

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

TABLES ARE THE REQUIRED ENTRIES

PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K
LOG ID# 31 12-June-2000 WO# 5884/1 AC TT 1965.6
N74400 S/N AA5B-0213 GRUMAN AA5B

**** ITEM # 5884-1 INSTALL GNS-430 UNIT ****

Model: GNS-430
ACTION: Removed one com11 and nav-11. Installed in location of removed units one Garmin GNS-430 and GI-106A indicator. Installed one Garmin 14 to 28 volt converter. Interfaced GNS-430 to existing mode c encoder. Interface GNS-430 to century II autopilot. All work performed IAW Garmin GNC-430 installation manual 190-00140-02 rev D and AC43:13-1A, Chapter 2, Section 3, Par97. Chapter 11, Section 1, Section 2 PAR 424, 425, 426, 427, 428, 429, 430. Chapter 13, Chapter 15 section 1 PAR 750, 754. Section 3, 4, 5, 6. The AC-43:13 2A, Chapter 1 PAR 1, 2, 3 Chapter 2 PAR 21, 22, 23, 27. GPS installed IAW AC20-138 par 7c (2), i, ii, iii (VFR), and referenced STC SA00705WT. This installation pending IFR approval. Calculate new weight and balance, equipment list revised.
GNS-430 s/n 96307147

**** ITEM # 5884-2 INSTALL PMA6000 UNIT ****

Model: PMA6000T
ACTION: Removed existing Narco audio panel. Installed in same location, factory new PS Engineering PMA6000T audio panel. Interface audio panel to existing audio system. Install new pilot & co-pilot & rear seat headphone jacks. Ramp test all audio sources. Installed unit IAW AC43:13-1A, Chapter 2, Section 3, Par97. Chapter 11, Section 1, Section 2 PAR 424, 425, 426, 427, 428, 429, 430. Chapter 13, Chapter 15 section 1 PAR 750, 754. Section 3, 4, 5, 6. The AC-43:13 2A, Chapter 1 PAR 1, 2, 3 Chapter 2 PAR 21, 22, 23, 27, and PS eng document 95260901 rev L. Weight and balance change neg.
PMA6000 s/n W06216-N04480M

**** ITEM # 5884-3 INSTALL JPI SYSTEM ****

Model: EGT-701
ACTION: Installed JPI instruments EDM-700 EGT/fule flow. Installed unit IAW JPI EDM-700 installation manual, referenced STC SA2586NM and SA00432SE. Ramp test system. Set Kfactor per MM (KFACTOR 29.72). Flight test system operational. Calculate new weight and balance.

**** ITEM # 5884-4 Add Fule flow option to JPI ****

**** ITEM # 5884-5 Add OAT and Oil temp to JPI ****

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PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K
 LOG ID# 31 12-June-2000 WO# 5884/1 AC TT 1965.6
 N74400 S/N AA5B-0213 GRUMAN AA5B

Pg 2 / 2

**** ITEM # 5884-6 Install new marker ant ****

**** ITEM # 5884-7 Perform 91.413 test on XPDR ****

ACTION: Perform 91.413 ramp test on XPDR AT-50A. Operational. Verify mode C.

**** ITEM # 5884-8 ADD MASTER SWITCH ****

Model: AVIONICS MASTER

ACTION: Installed avionics master switch. Unit installed IAW AC43:13-1A, Chapter 2, section 3, Par 97. Chapter 11, Section 1, Section 2 PAR 424, 425, 426, 427, 428, 429, 430. Chapter 13, Chapter 15 section 1 PAR 750, 754. Section 3, 4, 5, 6. The AC-43:13 2A, Chapter 1 PAR 1, 2, 3 Chapter 2 PAR 21, 22, 23, 27. Ramp test switch operational.

Date

Repaired *EWTH*

[illegible]

DATE 2003 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)																
8/5	2204.5		2204.5	<p>8/5/03</p> <p>New tach installed 2204.5 h.</p> <p>← this is calibration card.</p> <p>C. Alwine a/p 2703071</p>																
				<p>TACH SCALE CORRECTION CARD</p> <p>Instr. P/N: <u>DI-112-5023</u></p> <p>Serial No.: <u>21502</u></p> <table border="1"> <thead> <tr> <th>Power Setting</th> <th>Indication</th> </tr> </thead> <tbody> <tr> <td>500 RPM</td> <td><u>420</u></td> </tr> <tr> <td>1000 RPM</td> <td><u>1000</u></td> </tr> <tr> <td>1500 RPM</td> <td><u>1300</u></td> </tr> <tr> <td>2000 RPM</td> <td><u>2000</u></td> </tr> <tr> <td>2500 RPM</td> <td><u>2500</u></td> </tr> <tr> <td>3000 RPM</td> <td><u>3010</u></td> </tr> <tr> <td>3500 RPM</td> <td><u>3520</u></td> </tr> </tbody> </table> <p>Inspector <u>AW</u> Date <u>7-15-03</u></p>	Power Setting	Indication	500 RPM	<u>420</u>	1000 RPM	<u>1000</u>	1500 RPM	<u>1300</u>	2000 RPM	<u>2000</u>	2500 RPM	<u>2500</u>	3000 RPM	<u>3010</u>	3500 RPM	<u>3520</u>
Power Setting	Indication																			
500 RPM	<u>420</u>																			
1000 RPM	<u>1000</u>																			
1500 RPM	<u>1300</u>																			
2000 RPM	<u>2000</u>																			
2500 RPM	<u>2500</u>																			
3000 RPM	<u>3010</u>																			
3500 RPM	<u>3520</u>																			
				<p>8/15/03</p> <p>new filter installed</p> <p>Overhauled D G install w/o (invoice) 21882</p> <p>Texas Aircraft Instrument C. Alwine a/p 2703071</p>																

new Tach
3204.5 hours

DATE 2003 49	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/21	0.2		2204.7	Installs overhauled vacuum pump Raped 211cc replacing defective Sigma-Tek. No weight change. C. Alessio A/P 2703071
8/22	0.2		2204.7	Cegee lighter wiring found to be incorrect. Wiring corrected and breaker installed for not to exceed 5A service. Cigar lighter socket placed for not to exceed 5A load. C. Alessio A/P 2703071
9/5	4.9		2209.4	Installs Carol Support Rods P/N RS510125 replacing missing premium P/N 510125-50c and -502. Stacks Avastion FAA-PMA per FAA form 8130-3 15/0 4070803-1 C. Alessio A/P 2703071

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2003 19				
9/13	4.9		2209.4	Replace broken clock with PMA Dutton model 800. No weight changes. C. Olesinski APP 2203071
10-7-2003	10.1		2214.6	Installed STE to Presti Nose Bowl cover. For detailed information see 2337. Revised weight and balance per LSH-200-4112 Rev A Instruction Manual.
9-8-02 -08	Does			I certify that the above maintenance was performed and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details are on file under Tute River Aero Industries Corporation work order number 110200.
not applied to the				Date 10-7-03 Signature <u>Michael J. TH 253884</u>
O360A 4K. The A4K				FAA Approved Repair Station No. T18F684Y
has a solid barrel.				
The AD is for a hollow				
barrel				

[illegible]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

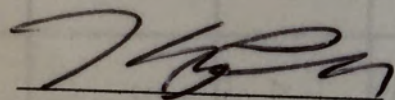
PALO ALTO AERO SERVICES INC.

Date 1-26-04

Tack. 26.

Removed attitude gyro for overhaul & replaced

Ken Phillips 555827590



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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4/1/04 31.7

04/01/2004 N74400 AA5B-0213 31.70 2,236.20 287.70 287.70 382.95

Inspected, IAW American Aircraft Service Manual

Wings: Wing/ aileron/ flap/ wingtip surfaces for damage, access covers *, fuel tanks for leaks, fuel sending units, fuel drains *, markings, wing attach bolts *, pitot tube assembly, stall warn, flaps, ailerons

Landing gear: attachments, tires/ wheels, wheel bearings *, brake linings *, brake disks, brake calipers *, brake master cylinders, brake lines *, shimmy dampers, nose gear Belleville washers *, tire pressure *

Fuselage: Bulkheads, stringers, wiring, fuel/ brake lines for leaks *, control cables, ELT, rudder and elevator hinges and attachments *, vertical and horizontal stab attachments, trim mechanism, steps.

Cabin: Canopy, windshield, windows, seats, seat belt mountings, heater, fresh air vents, flap operation, fuel selector valve operation, rudder pedal operation, control column, cables, chains, pulleys, aileron operation, elevator trim and operation of elevator, operation of brakes, brake fluid *, parking brake, instrument mounts, vacuum filters, wiring, cabin and instrument lights, map light, landing light, nav lights, strobe lights, rotating beacon.

* see next page

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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4/1/04 36.7

04/01/2004 N74400 AA5B-0213 31.7 Continued

***Wings:** Replaced 5 access covers with new. Sand blasted, primed and painted 2 more. Replaced sump covers, both wings. Replaced wing bolts (AD 95-19-15). Replaced fuel drain, left wing.

***Landing gear:** Removed, wheels, cleaned, inspected, repacked wheel bearings. Wheel fairings (main) on order. Replaced both brake lines from fuselage to caliper. Replaced right tire, Replaced right gear leg. Replaced both brake covers. All hardware on right main gear cad plated or anodized. Both calipers cleaned, painted. O rings replaced on both calipers. Replaced brake linings both sides. Replaced nose strut. Replaced bearings in nose gear fork. Replaced nose gear fairing strut seal.

***Fuselage:** Brakes bled after replacing brake lines and rebuilding calipers. Cleaned and oiled all cables and pulleys. Rigged ailerons, flaps, and elevator. ELT battery Date: 05/05 CE-04-34 complied with; no cracks. Replaced tail cone. Painted to match.

***Cabin:** Added brake fluid (both sides). Canopy tracks should be replaced next annual.

ADs: CW 79-22-04. Aileron inspection. Due again in 100 hours.
CW 81-24-03. visual inspection of air box. Due again in 100 hours
CW 95-19-15. by visual inspection.

ELT checked IAW FAR 91.207d. Battery Due in 05/05

I certify that this Aircraft Airframe has been inspected IAW an annual inspection and has been found to be in an airworthy condition. All ADs complied with.

[Signature] AP 219 8263 TA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/2004 4/7/04	35.8			replaced broken landing light installed glove compartment door

HIGH DESERT AVIONICS
FAA APVD. REPAIR STN #HD7R252J

AC AA-5B N 74400 Date 05-25-04

ATC Transponder & encoding system has been tested & inspected in accordance with FAR-PART 43 APPENDIX F-91-413. I certify that the Altimeter, Static Systems, and Integration Tests required by FAR 91.411 have been performed. The Altimeter was tested to 20,000 ft.

Signed

5/29	47.8			Installed wheel pants and oil filter adapter installed NOSE gear V. fairing. Resealed left fuel drain Ray L Valt AP 2798263IA
6/10	49.2			repaired 1" corrosion patch on st side of fuselage above wing root Anna Longwell p 559488067

DATE 2004 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/23	0058.4			Remove autopilot control head. Disassemble ON-OFF switch, burnish off corrosion on backing plate and armature extension, re-set spring attach tab, re-assemble and re-install. Remove glare shield, check electrical connections, replace glare shield. Modify wheel fairings to increase valve stem clearance. Charles J. Alwine A/P 2703071

Frank X Ruiz Avionics Inc

970 W Chandler St Fresno Ca * (559)233-0700 FAA Approved Repair Station DF3R447L

09/23/2004 Tach 0071.9 N74400

Repaired the autopilot *See Invoice 1824 and 1887*

Removed, and replaced the existing overhauled 52D54 DG

Replaced the instrument air filter.

Frank X Ruiz

Frank X Ruiz Avionics (559)233-0700

FAA Approved Repair Station DF3R447L

[illegible]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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6/19/2005 N74400 AA5B-0213 127.00 2,331.50 383.00 383.00 478.25
 Annual Date N Number Serial Number Tach Time TTAf SMOH STOH SPOH
 Inspected, IAW American Grumman Aircraft Service Manual

Wings: Wing/aileron/ flap/wingtip surfaces for damage, aileron/flap bearings/brackets, aileron stops, fuel tanks for leaks, fuel sending units, fuel drains (repaired surface near left fuel drain, installed new left fuel drain), markings, wing attach bolts, pitot tube assembly, stall warn, flaps, ailerons

Landing gear: Attachments, tires/wheels, wheel bearings, brake linings, brake calipers, brake disks, brake lines, nose strut, nose gear Belville washers, tire pressure, condition of fairings (reglued left main gear leg fairing.)

Fuselage: Bulkheads, stringers, wiring, fuel & brake lines for leaks, control cables (cleaned and lubed), ELT, rudder/elevator hinges/bearings and attachments/brackets, vertical and horizontal stab attachments, trim mechanism (disassembled, cleaned and lubed), steps.

Cabin: Condition/operation of canopy (replaced canopy tracks)/windshield/windows, seats, seat belt mountings, heater, fresh air vents, flap operation, fuel selector valve operation, fuel/primer lines, rudder pedal operation (tightened right rudder cable), control column (lubed), cables (lubed), chains (lubed), pulleys, aileron operation, elevator trim mechanism (Disassembled, cleaned, lubed, rigged trim), operation of elevator, operation of brakes, brake fluid (added approx 1 oz of 5606 fluid to each master cylinder), parking brake, vacuum filters (Replaced both filters), wiring, cabin and instrument lights, landing light, nav lights, strobe lights, rotating beacon, pitot heat. (Removed Turn Coordinator, replaced with new)

ADS: CW 79-22-04. CW 95-19-15. CE-04-34: no cracks. All other ADS complied with
 ELT checked IAW FAR 91.207d. Battery Due in 06/07

I certify that this Aircraft Airframe has been inspected IAW an annual inspection and has been found to be in an airworthy condition. All ADS complied with.

[Signature] AP279826374

127.0 Tach

6/19/05 2331.5

Installed Gemini 327 Transponder TADU
 Gemini Fuel/Altitude Indicator
[Signature] AP279826374

[illegible]

DATE 2005 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-03-05	0145.7	—	2350.2	<div style="display: flex; justify-content: space-between;"> <div> <p>Removed L&R wingtips, TAILCONE, ELT ACCESS COVERS AND UPPER MLG FAIRINGS. TREATED WINGS, TAIL SECTION, HORIZ & VERT STABILIZERS, ALL FLIGHT CONTROL SURFACES & MLG UPPER BRACKET AREAS. ALL PREVIOUSLY REMOVED PANELS & FAIRINGS REINSTALLED. —</p> <p>GLENN MOUNTS, A&P 2845148</p> <p>— END —</p> </div> <div> <p>CORROSIONXTM TREATMENT CENTER AIR MODS N.W. 11009 159th AVE N.E. GRANITE FALLS, WA 98252</p> <p>No 5397</p> <p>08-03-05 TREATMENT DATE 0145.7 TACH TIME</p> <p>AA5B-0213 AIRCRAFT SN OR N NUMBER N74400</p> <p>I certify that this aircraft has been treated with Corrosion X (Mil-C81309E) to stop and arrest corrosion. Treatment is effective for 18-24 months, based on environmental conditions. Re-treating is recommended when effectiveness ends — as determined by either time or visual inspection.</p> <p><i>Glenn Mount</i> TECHNICIAN'S SIGNATURE</p> <p>A&P 2845148 A & P NUMBER</p> </div> </div>
9/24	170.9			<p>Installed rebuilt oil temperature gauge P/N 442799 serial no. 052765 from Airparts of Lock Haven, PA. Charles Alford A/P 270307</p>

DATE <i>2006</i>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
<i>2/22/06</i>	<i>209.1</i>			<i>serviced #2 com at Sterling Avionics</i> <i>see service invoice this date</i> <i>Anna Longmatt prt pilot cert 2886694</i>

STERLING

Repaired defective wiring for remote com 1/2 swap feature of audio panel. Corrected phone jack short at copilot's mic and phone jacks. Upgraded GTX 327 software to Ver. 2.09 and GNS 430 GPS software to Ver. 3.03. Units self-test satisfactorily. Both upgrades per Garmin Software Service Bulletins.

-----END-----

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: *Shenoy*

Dated: Mar 22, 2006 N#:74400 S/N AA5B-0213

Tach: 0217.6 TTSN: N/A

HOBBS: N/A For more info see w/o # 31958

FAA Repair Station Certification # WQ3R954L

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

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/11/06	231	-	2435.5	replaced DG 4000 C52D4 A# 40795E overhauled by Kelly, WO 119315 6/13/06 Sinner & Orngwell put pilot out 285 6694 Approved by Shale Alvin A/P 2703071 8/11/06
8/11/06	231		2204.5 + 231	Agreement 0-360-A4K S/N L 20936-36A Reinstalled after overhaul, C. Alvin A/P 2703071
8				

DATE

RECORDING

TOTAL

INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
SED WITH NAME, RATING AND CERTIFICATE NUMBER OF
CILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

19

PALO ALTO AERO SERVICES

Date 8/16/06

Tach. 231

Total 2435.3

Palo Alto Aero Services.

I certify I have inspected this aircraft
in accordance with an annual inspection
and found to be in airworthy condition.

I certify I have inspected this E.L.T.

Per requirements of F.A.R. 91.207D

battery expires. 8/0/08

Replaced e.l.t. battery

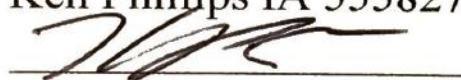
Removed nose gear assy. Cleaned & regreased.

c/w ad. 79/22/04 aileron insopection

c/w ad. 81/24/03 air box inspection

c/w ad. 95/19/15 wing bolts.

Ken Phillips IA 555827590



[illegible]

DATE 2007 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>PALO ALTO AERO SERVICES INC.</p> <p>Date ⁴⁸03/03/2007</p> <p>Tach. 0263.4</p> <p>Changed eng. oil & filter w/8 Qts.</p> <p>Aeroshell w100 oil & tempest AA48110 filter</p> <p>John Hardy A&P 3101243</p> <p><i>[Signature]</i></p>
7/29	265.1		2469.6	<p>I have inspected a minor dent on the leading edge of the right wing and determined it will not affect the airworthiness of this aircraft. C. Alvine A/P 2703021</p>

[illegible]

PALO ALTO AERO SERVICES

Date ^{95 742} ~~3/5/07~~

Tach. 280

Total 2484

Palo Alto Aero Services.

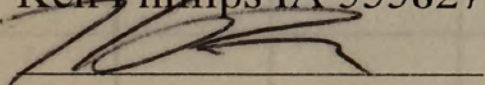
I certify I have inspected this aircraft
in accordance with an annual inspection.
found to be in airworthy condition.

And returned to service.

I certify I have inspected this E.L.T.
Per requirements of F.A.R. 91.207D
battery expires. 8/08

1. c/w ad 79/22/04 aileron
2. c/w ad. 81/24/03 air bix.

Ken Phillips IA 555827590



INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

PALO ALTO AERO SERVICES

Date 6/15/08

Tach. 295

Total 2499

Palo Alto Aero Services.

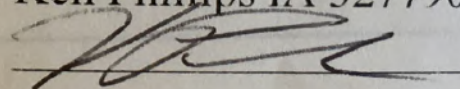
I certify I have inspected this aircraft
in accordance with an annual inspection.
found to be in airworthy condition.

And returned to service.

I certify I have inspected this E.L.T.
Per requirements of F.A.R. 91.207D
battery expires. 7/10

1. Replaced air filter
2. Resealed left break.

Ken Phillips IA 3277903



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2909				
2/24	320.2			Install Conquest RG-25 battery SN 40287540. Charles Delvine A/P 2703071
3/6	321.9		2526.4	Replace nose line - Annen Donnell - Donnell PMPilot 2886694
4/4	323.2			Add 1 qt oil and forgett Annen PMPilot #285664
6/5/08	325.9			Replace audio panel PMA6000 m-s, SN 1006266- NO 4480M, with model PMA6000 m-c SN B69042-RO7071. No change in weight and balance. Charles Delvine A/P 2703071 Twine #325.9

I certify that the ATC Transponder Tests &
Inspections required by FAR 91.413 were
performed IAW FAR 43 App. F.
N 74400
Date 24 MAR 08 Time 1323.01
Signed J. Sheth
Northcoast Services c/s WR3R955L

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

PALO ALTO AERO SERVICES INC.

Date. 7/1/09

Tach 327

Total. 2351

← Typo - should be 2531.5

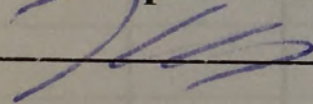
CLH App 3517275

I certify I have inspected this aircraft
In accordance with an annual inspection
And found to be in airworthy condition
And returned to service.

Inspected this E.L.T. per requirements
F.A.R 91.207D battery due 7/10

1. Replaced landing light
2. Replaced left tire.

Ken Phillips IA 3277903



[illegible]

DATE 2010 12	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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3/17/10

N74400

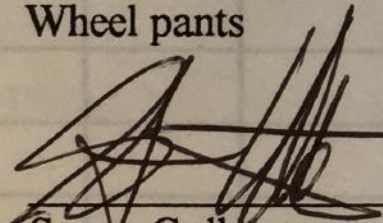
Tach Time 335.3

- 1) Repaired nose and left main wheel pant. Transferred all brackets as required..
- 2) Repaired hole in nose cowl.
- 3) Replaced left side elevator with serviceable components. – painted and balance Checked.
- 4) Replaced left hand flap – removed and installed interior for access to damaged flap bellcrank – replaced.
- 5) Repaired minor dent in top left wing, de-fueled.
- 6) Replaced tailcone plastic fairing assy.
- 7) Replaced the throttle control – rig as required.

Limited to the work performed.

All work accomplished with the following parts.

066-10500	lining	164-0200	disc
5302052-1	elevator tip	177-00300	pin
5103012-1	tailcone half, uppr	13889-20629	bearing
P5000	oil drain valve	Serviceable elevator	
Serviceable flap		Tailcone	
Wheel pants		Flap bellcrank torque tube	



Steve Culbertson

IA 2073958

3/17 Replaced upholstery - Steve Culbertson - 335.3

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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PALO ALTO AERO SERVICES INC.

Date. 7/15/10

Tach 346

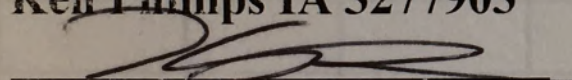
Total. 2370

← Typo - should be 2550.5 C/LH A/p 3517275

I certify I have inspected this aircraft
In accordance with an annual inspection
And found to be in airworthy condition
And returned to service.

Inspected this E.L.T. per requirements
F.A.R 91.207D battery due 8/12

Ken Phillips IA 3277903



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/10/10	355.9			Remove fuel selector valve; clean, lubricate,
				replace O-rings, re-assemble.
				Charles Alvarin A/P 2703012
				Reversed carburetors Right & Left
10/6/10				Breaks Master Cylinder 74002
				APJ277903

AD 75-07-04 Rudder bars N/A by S/N

76-01-02 Engine Cowl P/C/W by installed parts

76-04-05 Mixture control wire P/C/W by installed parts

76-17-03 Delamination P/C/W by rivets installed

76-22-09 Oil Coolers model number N/A by S/N 1453

77-07-04 Carb heat valve all 75 A-5, 5A 0321

77-08-03 Gerdes Static Valve P/C/W 1-78

79-22-04 Aileron, Tiger Aircraft SI-06-01 performed contour check.

AD-79-22-04 will not be repetitive.

81-24-03 Carb filter screens/placard P/C/W placard installed

89-18-08 Fuel tank sealant P/C/W SB 176 8-8-90

95-19-15R1 wing shoulder bolts all 4 place. C/W this date 7-18-2011

David Alvarin
A/P 452003335
Issue 11-14

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

76-07-12 Bendix switch N/A by switch installed
 77-02-08 Narco ELT-10 N/A by batt date
 79-13-08 Airborne Vac.211 CC N/A by M/N 215CC
 79-16-02 IMM push button belts N/A by none installed / Mfg.
 79-18-05 Lithium ELT batteries N/A by Batteries date
 84-26-02 Induction Air Filters Paper N/A by none installed / Mfg
 86-05-02 United Instruments Altimeter N/A by S/N
 87-17-06 AM-Safe Restraint System N/A by none installed
 96-09-06 Bracket Air Filter N/A by type installed
 98-14-03 King Radio KT76A N/A by none installed
 98-23-01 Airborne Vac. Pumps N/A by 215cc installed
 98-25-10R1 Aircraft Belts N/A by none installed
 99-24-10 Precise Flight Stand-By Vac. N/A by none installed
 01-14-51 Apollo SL30 Radio Software N/A by none installed
 03-13-04 Kidde Fire extinguisher N/A by none installed
 04-08-16 Narco AT-150 TXP 10000 through 12598
 05-01-19 Garmin GTX33 N/A by 327 installed
 05-11-05 Precise Flight Standby Vac N/A by none installed

Handwritten:
 O. M. [Signature]
 11-14
 11-14

Fletcher Fleet Support

7-18-2011 Tachometer 363.7 total time 2568.2 Total time. Performed Annual inspection on airframe in accordance with Gulfstream Aerospace Corp. AA-5 Maintenance Manual Ch. 5-2-1, pages 202 thru 216 and FAR 43 Appendix D. Removed all panels, cowlings and fairings. Inspected and lubricated all controls, cables and pulleys. Inspected ELT and impact switch in accordance with FAR 91.207d. Inspected, repacked and reinstalled all wheel bearings. Found the center nose gear attach doublers were bent out of place, both upper engine mounts were out of alignment. Manufactured fixtures to locate firewall and mounts to the fuselage. Removed the firewall and nose section. The cut starts at FS 66 on both fuselage sides and runs diagonally down to the floor to FS 73 then horizontal across the floor parallel to the firewall. The reason for the position of the splice cut was for a clean straight cut to avoid any close proximity to floor stud plates, engine mounts, landing gear attach points and instrument panel attach points. An identical undamaged firewall and nose assembly was removed from a salvaged AA-5B and match trimmed to locate the engine mount in the same location as the removed part. .040 2024T3 2" wide doublers were installed on each side of the honeycomb sheet and attached with EA9309 Hysol. The doublers were countersunk and installed with wet with Hysol CR3212-4 Cheery Max rivets. There were two rivet rows on each side of the splice with 1" (staggered) spacing. The ends were joggled over the existing corner angles and riveted to the angles. Lower inside corners were attached with angles in accordance with Grumman American Maintenance manual section 20 Figure 807 except .040 shims were used to align corner angles over doublers. Structures attached and repaired in accordance with DER engineering report # 9213-1Rev. IR 7-14-11 see Form 337 and 8110-3.

Replaced nose gear strut with new strut. Replaced nose gear torque tube with serviceable rebuilt unit. See 337. Replaced complete upper and lower cowlings with serviceable cowl. Repaired LoPresti nose bowl, Installed new Landing light cover. Installed serviceable windshield deck to firewall. Remove and replace brace from firewall to instrument panel.

- Cleaned firewall, primed with DuPont Colar primer. Detailed attached firewall parts and painted with 817U Imron. Strip five coats of paint from entire airplane. Fill and sand miscellaneous dents, acid etch and Alodine fuselage Prime airframe with DuPont Colar epoxy primer, Imron. custom striped and painted with 817U White Imron. Balance checked all flight controls. Replaced nose and main gear wheel pant and internal supports, Nose gear boot retainer, V- strut Fairing, Nose gear seal & retainer ring. Replaced R/H wheel pant and bracket. Replaced LH main gear strut and gear castings with serviceable parts. Replaced exhaust with new muffler, clamps, gaskets and SS attach hardware. Removed engine and dismantled for prop strike inspection tear down and inspection. See engine log. Installed serviceable powder coated motor mount. Powder coated engine baffles. Repaired horizontal stabilizer Tail brackets. Complied with Special Airworthiness Bulletin CE-04034 by inspection and repair. Accomplished the repair of horizontal stabilizer forward spar attachment components in accordance with AeroDesign Aircraft Engineering Inc. Report # 5512-10 Rev. IR. 10-07-10. DWG 5102296FA17, Rev A 10-07-10. Stabilizer reinstalled in accordance with Gulfstream Aerospace Maintenance Manual Ch. 55. Repaired damaged carb airbox and replaced carb heat valves. Replace nose gear lower cowl boot. Replaced nose gear firewall boot. Installed serviceable top Com antenna. Replace lower cowl and match fit upper cowl.
- Strip and repaint lower cowl, nose bowl, nose strut and nose wheel fairings. Prime fuselage in DuPont Colar and paint cowl, belly, spinner and wing root to match. Install wings in accordance with SB-185A. Assemble rigged airplane and flight test as required. Install new exhaust muffler. Nose gear wheel pant and brackets are destroyed. Replaced both H stabilizer fillets. Repaired delaminated canopy bows on front and rear bows in accordance with SK125A. L/H fuel tank flush valve leaking. Removed nut plate, cleaned & re-sealed, new o-ring. Cleaned and resealed lower O/B spar collar, right wing. Replaced LH fuel sending unit gasket. Vent line leaking O/B

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

rib left wing. Cleaned area and re-sealed. Fuel Panel leak at aft O/B. panel. Vent tube leaking - inboard right wing. Installed new fuel drain oversize bushings on L/H sump tank. Pressure checked both tanks for leaks, prior to paint prep. Cleaned and primed fuel tank & vent lines. Center spar corrosion under wing root beyond limits. Remove and replace spar with used serviceable from 28862 TTS 3376.43. Cleaned, treated, prime & paint. Surface corrosion on airplane. Clean, treat & prime wing root area. Clean and treat inside wing spars. Clean, treat & prime tray for ELT & rudder cap tray both main gear. Replaced Co-pilot seat back guides. Pilot seat rails missing bearings. Replaced bearings and four rivets. No chafe material on oil & fuel pressure lines. Installed spiral wrap on both lines in accordance with Service Bulletin SB187. Strobe light on rudder has bare wires. Lamp inoperative, removed and replaced lamp assembly. Elevator stop nut plate loose. Removed and replaced rivets. Installed solid rivets. L/H tow pin on nose fork bolted on with locknut. Removed nut and installed 5/16 x 24 heli-coil. Removed rust from tow pins & primed. Serviced nose fork, lubricated, added Bellville washer, set side force torque. Garmin 430 air cooling line is full of holes. Install hard plastic from outside vent to 12" x 3/4" scat hose to back of 430. Replaced interior back seat panels with new parts. Pilot and co-pilot side vent broken. Removed and replaced with serviceable vents. L/H upper cowl welds are coming apart. Added rivets every 2" across bottom edge. Step fairing riv-nuts spinning. Fiberglass repair two holes and tighten three riv-nuts. Rudder screws at top hinge are frozen. Removed screws with easy out and replaced. Removed and replaced PTT cord with serviceable cord. Removed unused radio wiring and supports for the old glide slope receiver. Cleaned floor back seats and under console, removed corrosion as found and painted. Removed fuselage to canopy bow seal retainers, stripped and repainted to match interior. Removed, cleaned up fuel selector, serviced, cleaned up cover, plastic, re-glued. Replaced placard. Carburetor air box missing baffle seal on flappers and missing foam and phenolic block. Installed carb air box baffle seals on valve, phenolic air filter stand off, foam tape to secure filter. L/H nav. Inoperable, Removed socket & clean corrosion. R/H nav inoperable, attached ground wire. Repaired wiring. Rudder strobe light inoperable, replaced A-625 strobe lamp.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Cleaned primed and inspected panel, floor aft seats, Baggage compartment. Installed Metal edge guard on Baggage floor. Voltage regulator inoperable. Installed new Zeffronics regulator. AD 79-22-04 Aileron, Tiger Aircraft SI-06-01 performed contour check and alternate means of compliance. AD-79-22-04 will not be repetitive. C/W AD 95-19-15R1 by installing wings in accordance with SB 185A. All AD's checked through issue 2011-14. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.

Sam Brady - AP 3454336 IA

7-15-2011 - Tachometer 363.7 Installed Sensenich 76EM8S-10-63 Performed Annual inspection on propeller in accordance with Gulfstream Aerospace Corp. AA-5 Maintenance Manual Ch. 5-2-1, pages 202 thru 216 and FAR 43 Appendix D. Inspected for damage with no apparent discontinuities noted at this time. Torque checked to 60 Ft Lbs. All AD's checked through issue 20-0. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.

Sam Brady - AP 3454336 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Aircraft Maintenance record for N74400 DATE 08/05/11 FILE log74400.011
GRUMMAN AMERICAN AVN. CORP. AA-5B S/N AA5B-0213 WO # 18180 A

REPLACED DEFECTIVE COMM ANTENNA WITH CI-291
THE AIRCRAFT REPAIR DESCRIBED HEREIN WAS DETERMINED TO BE MINOR IN NATURE IN
ACCORDANCE WITH 14 CFR 1.1, 21.19, 21.93, 21.95 AND 43 APPENDIX A.

DARREL STRACHAN , INSPECTOR
L.A.C. AVIONICS INCORPORATED FAA APPROVED
REPAIR STATION NUMBER FM4R185M

Dg *[Signature]*

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 0924

Rossi Aircraft, Inc.

Repair Station No. SRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 11/18/11

A/C TSN:

TACH:

9820

?

Jan 2012
tach was
400.1

Airframe Entries

(1) Rigged flaps and ailerons per Grumman AA5B service manual.

DATE: 11-18-11

SIGNED:

[Signature]

Rossi Aircraft Inc.
Certified Repair Station No. SRSR378L

Work Order: 0924

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DATE
19__RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICEDESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

ACTIMETER, TRANS PUMPER, STATIC SEE

Test Altitude	Scale Error	Friction Error	Encoder	Leak Acft/Case
-1000	0		-1.0	600 + 1.06
0	0		0.0	Hysteresis
500	-0		-5	% Altitude Tested
1000	0	20	1.0	Altitude Tested
1500	-10		1.5	Amount Hysteresis
2000	-10	20	2.0	50%
3000	-10	20	3.0	40%
4000	-21		4.0	
5000	-20		5.0	After Effect <input checked="" type="checkbox"/> Check Pitot Heat <input checked="" type="checkbox"/>
6000	-20		6.0	Baro. Scale Error (± 25 ft.)
8000	-10		8.0	28.10 -1727
10000	0	70	14.0	28.50 -1340
12000	0		12.0	29.00 -863
14000	+10		14.0	29.50 -392
15000	+30	20	15.0	29.92 0
16000	+30		16.0	30.50 +531
18000	+40		18.0	30.90 +893
20000	+50	20	20.0	30.99 +974
22000				Aircraft #
25000				174400
30000				Date Tested:
35000				7/19/12
40000				Technician:
45000				
50000				Inspector:

Tested in compliance with Appendix E, Part 43, F.A.R 91.411
Tested to: 20h ft. W.O. #: 8489

Precision Static Testing FAA CRS# QJAR856X

Form 1A PILOT FIRST OFFICER / STAND-BY

A02 / 08 Jan 2007

F. red

DATE 2012 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-21	406.7		2611.2	Replaced ELT BATTERY Next Due 10-2012 tested ELT per FAR 91.207 PARA "D" APPLIED CORROSION X CORROSION TREATMENT Replaced AIR FILTER Element B420
				Date <u>7-21-12</u> Tach Time <u>406.7</u>
				I certify that I have inspected this <u>AIRCRAFT</u> in accordance with a <u>ANNUAL</u> inspection and found it to be in an airworthy condition.
				Total Time <u>2611.2</u> T.S.O. <u> </u>
				<u>Ralph Huy</u> Ralph Huy A&P 549540228 I.A.
31 MAY 2012	478.7			REPLACED OIL + FILTER 50W100 6 QTS CHAMPION CH 48110-1 FILTER CUT FILTER, EXAMINED, OK. ERIC LARSEN E&P. Lemur PPL 3527206, INSTRUMENT RATED

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF ES.)
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19

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 1514

Rossi Aircraft, Inc.

Repair Station No. SRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 02/22/13
A/C TSN: 2735.2
TACH: 431.7

Airframe Entries

MLG wheels were loose-Inspected wheels, secured both LH and RH wheels. Replaced LH brake linings, lubricated caliper pins, topped off brake fluid.... Re-routed the landing light wiring and grounded to the engine.

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1514, Dated 5/14/2013.

DATE: 02-22-13

SIGNED:

Work Order: 1514

Rossi Aircraft Inc.
Certified Repair Station No. SRSR378L

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MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 1575

Rossi Aircraft, Inc.

Repair Station No. SRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 05/01/13
A/C TSN: 2735.2
TACH: 431.7

Airframe Entries

Replaced landing light bulb and checked all connections.... Installed Plane-Power Alternator/Regulator kit Alt. P/N: AL12-F60 S/N: 2F-113605 Reg. P/N: R1224 S/N 113323.

I Certify that this Airframe has been inspected with an Annual Inspection and has been determined to be in airworthy condition.

DATE: 05-01-13

SIGNED:

Work Order: 1575

Rossi Aircraft Inc.
Certified Repair Station No. SRSR378L

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 1668

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE 10/15/13
A/C TSN: 2809.6
TACH: 506.1

Airframe Entries

LH wing removed and sent to Fletcher for repair of the outer panel and replacement of the wingtip. Details of repair on file with Fletcher Inv # 20274... Engine mount and firewall measured and inspected -... Repaired damaged tail tie-down eyelet, repaired bulkhead and structure

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1668, Dated 10/15/2013.

DATE: 10-15-13

SIGNED: 

Work Order: 1668

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 1780


Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 10, 15, 13
A/C TSN: 2809.6
TACH: 506.1

DNS
MBER OF
ENTRIES.)

Airframe Entries

Performed an Annual Inspection. Checked control rigging and cable tension, lubed all controls and serviced battery.... All AD's Reviewed through Issue: 2013-19... AD81-24-03 - Engine power loss prevention - C/W IAW AD and SB instructions: Part II (a) (1) (2). Confirmed (b) Next Due: Tach: 556.1... 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. Exp. 10/2014
Date: 10/15/2013 Signed: 

FAA R/S ZRSR378L... Installed new AN4-4A bolt and washer to forward spar attach point on the vertical fin. Torqued to 70 in lbs.... Disassembled and repaired air filter box per AD 81-24-03 see item #7... Replaced missing nut plate on the bottom flange of the cowling.... Secured loose hose connection at the RH wing.... Applied ACF 50 treatment in the tail and on the heavily oxidized ribs of the vertical stabilizer... Aircraft Washed, belly cleaned... Installed overhauled replacement Turn Coordinator P/N: 1394T100-7Z S/N: 817-342

I Certify that this Airframe has been inspected with an Annual Inspection and has been determined to be in airworthy condition.

DATE: 10-15-13

SIGNED:

Rossi Aircraft Inc.

Work Order: 1780

Printed by EBis 3 (datcomedia.com)

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 1841

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 11, 26, 13
A/C TSN: 2836.5
TACH: 533

Airframe Entries

Repaired a broken internal rivet on the stall horn mount and attach point.... Repositioned the rod end for the throttle control, secured and safe-tied.

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1841, Dated 11/26/2013.

DATE: 11-26-13

SIGNED:

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Work Order: 1841

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MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 1898

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 02,05,14
A/C TSN: 2887
TACH: 583.5

CTIONS
NUMBER OF
ENTRIES.)

Airframe Entries

Performed a 50 Hour visual inspection on the Airframe; including propeller, electrical system tires and braking system.... Removed brake calipers, cleaned and inspected, lubed caliper pins and reassembled with new linings.

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1898, Dated 2/6/2014.

DATE: 02-05-14

SIGNED:

Joel Harris
Certified Repair Station No. ZRSR378L

Work Order: 1898

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MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 1941

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 03,18,14
A/C TSN: 2921.1
TACH: 617.6

Airframe Entries

Installed owner supplied landing light bulb - OPS check good.

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1941, Dated 3/19/2014.

DATE: 03-18-14

SIGNED:

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Work Order: 1941

Printed by EBis 3 (datcomedia.com)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	700.9			INSTALLED WHELEN PAR 36 LED
				LANDING LIGHT, 14 V. INSTALLED BY
				ERIC LARSEN <i>EDX. Larsson</i>
				CSEL 3527206 15 JULY 2014
				Tach shows 700.9 TEST FLIGHT OK

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 2032

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 07,21,14
A/C TSN: 2983.9
TACH: 680.4

Airframe Entries

Exhaust system removed and overhauled by Knisley Welding WO# 148896. Reinstalled with new clamps and hardware, fit EGT probes and tested.... Through holes in firewall resealed with new caulking compound and silicone

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2032, Dated 7/22/2014.

DATE: 07-21-14

SIGNED: *[Signature]*

Work Order: 2032

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

Rossi Aircraft, Inc.

A/C TSN: 3104 8

TACH: 801.3

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(TRIES.)

Annual Inspection - Airframe: Performed an Annual Inspection. Checked control rigging, lubed all controls and serviced battery, and changed airfilters... All AD's Reviewed and complied with through AD Release# 2014-22... 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. Exp. 09/2016

FAA R/S ZRSR378L... AD 81-24-03 - Engine power loss prevention - C/W IAW AD and SB instructions: Part II (a) (1) (2) Confirmed (b) Next Due: Tach: 851.3... Removed and replaced the flap torque tube under the back seat... Installed a new fairing for the LH step under the wing root.... Replaced all rocker cover gaskets with the silicone type.... Secured the loose oil temp wire... Installed new baffle material around the starter hole in the engine baffle... After Cylinder # 4 EGT probe was inspected, it was found that it was not necessary to replace it.... Removed the clamp for the #4 exhaust and shimmed with S.S. tape. Inspect at next oil change... Upper oil cooler line was rubbing hard on the engine mount frame - Secured line and installed abrasion protection... Re-Torqued the bottom fitting on the oil to stop a small leak - Inspect at next oil change... Re-Torqued the fuel pump bolts... Advised Owner... Advised Owner to reinspect next year... Replaced all the o-rings in the RH brake cylinder co-pilots side and bled the brakes system... Installed new FC II 500x5 tire on the nose wheel and replaced the tube. Wheel and bearing inspected and bearings serviced with new grease. Dynamic balance was performed.

I Certify that this Airframe has been inspected with an Annual Inspection and has been determined to be in airworthy condition.

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Work Order: 2150

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DATE

19

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 2249

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 3/27/2015
A/C TSN: 3191.2
TACH: 887.7

OF
IES.)

Airframe Entries

Removed the LH wingtip, inspected wiring and troubleshot the system installed new LH strobe power supply... Fuel selector removed and disassembled, cleaned and O-Ring replaced. Re-installed and tested - OPS check good... Removed both brake calipers, cleaned off corrosion around pistons and inspected calipers for cracks and corrosion damage. Installed new o-rings for the pistons and replaced the brake linings. Bled system and performed a ground check.

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2249, Dated 3/27/2015.

DATE: 3/27/2015

SIGNED:



Work Order: 2249

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 2266

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE:

04/06/15
A/C TSN: 3201.6
TACH: 898.1

Avionics Entries

The transponder passed testing and inspection per FAR Sec. 91.413. The altimeter system and altitude reporting equipment passed testing and inspection per FAR Sec. 43 Appendix E and FAR Sec. 91.411. Transponder Model: Garmin 327 S/N: 83728589. Altimeter Model: United 5934 S/N: 4124 Encoder: Model: SSD120 S/N: 62858 Details on file at Rossi Aircraft Inc. FAA R/S ZRSR378L W/O #2266

Signed

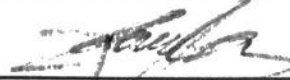
Date 04-06-15

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2266, Dated 4/8/2015.

DATE: 04-06-15

SIGNED:



Work Order: 2266

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 2327

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 06/17/15
A/C TSN: 3262.3
TACH: 958.8

ACTIONS
NUMBER OF
IC ENTRIES.)

Airframe Entries

Removed and repainted the RH wingtip

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2327, Dated 6/29/2015.

DATE: 06-18-15

SIGNED:

Work Order: 2327

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 2335

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 07/07/15
A/C TSN: 3277.8
TACH: 974.3

Airframe Entries

Performed an inspection for a squawk that there was no pedal pressure or working brake on the RH side- Inspected brake caliper, pads, caliper pins, brake lines, master cylinder and mechanicals associated with brake pedal - No issues noted... Inspected nose gear assembly for a clanking noise. Removed fairing and upper boot, inspected the attach point of nose strut to fuselage, removed nose wheel swivel, cleaned and serviced with Shell 22 grease. Inspected wheel/tire assembly and reassembled. Aircraft taxi tested and OPS check good

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2335, Dated 7/8/2015.

DATE: 07-07-15

SIGNED:

Work Order: 2335

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 2388

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 9/15/2015
A/C TSN: 3346
TACH: 1042.5

INS
ABER OF
ENTRIES.)

Airframe Entries

Replaced #4 EGT probe with new. PN: M-111 SN: 0201106. OPS check good.... Inspected tires and advise that they be inspected at next 25 hour oil change.... C/W IAW AD and SB instructions at Tach: 1042.5: Performed a visual inspection per Part II (a) no issues found Confirmed (b) - Not recurring for AA5B airframe

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2388, Dated 9/15/2015.

DATE: 9/15/2015

SIGNED: 

Work Order: 2388

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

MAKE: Grumman American
Avn
MODEL: Aa-5b
S/N: AA5B-0213
REG. NO: N74400
WORK ORDER: 2404

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 9/23/2015
A/C TSN: 3354
TACH: 1050.5

Airframe Entries

Repaired the wiring for the pilots yoke mounted PTT - OPS check good... Auto pilot is INOP and placard installed on instrument panel.

Maintenance Release

The aircraft and/or component(s) on N74400 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2404, Dated 9/23/2015.

DATE: 9/23/2015

SIGNED: 

Work Order: 2404

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

Rossi Aircraft, Inc.

MONÉI · Aa-5b

S/N: AA5B-0213

REG. NO: N74400

WORK ORDER: 2432

Repair Station No. ZRSR378L

1903 Embarcadero Rd


Palo Alto, CA 94303

Phone: 650-493-3326

DATE: 12/23/2015
AC TSN: 3396.1
TACH: 1092.6

Airframe Entries

Performed an Annual Inspection: Airframe - Checked control rigging, lubed all controls and serviced battery, replaced induction
airfilter ... All AD's Reviewed and complied with through AD Release# 2015-24... AD79-22-04 - Aileron system - C/W IAW AD and
SB instructions - Next Due: Not Repetitive Per SI-06-01... AD2004-10-14 - CORRECTION - Prevent loosening or failure of the
crankshaft gear retaining bolt - C/W Records show no sudden stoppage as of 12/23/2015... 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. Exp.
12/23/2015

Date: 09/2016 Signed:  Replaced the vertical stabilizer with a serviceable used unit from Fletcher Aircraft Services. Unit was painted FAA R/S ZRSR378L... Replaced the vertical stabilizer with a serviceable used unit from Fletcher Aircraft Services. Unit was painted to made current color scheme and installed with new hardware... WHAT DID WE DO?... LH wing fuel drain was leaking at the inboard bowl adapter fitting - Cleaned and secured the drain... Replaced the corroded rudder clevis bolts... Rudder bellcrank was removed, corrosion removed, sanded primed and painted... Cleaned the corrosion from the LH flap control tube near the inboard bearing, relubricated... Replaced the rudder support fasteners with new AN hardware... Several riv-nuts were worn out and corroded at the tail, RH gear fairing and wing root - replaced with new... Throttle cable was rubbing on the spark plug wire bundle - installed a standoff... RH front engine baffle had a broken piece at the bottom corner - Fabricated and installed a small aluminum bracket and re-riveted the rubber baffle... Starter cable was rubbing on the muffler shroud - installed abrasion protection and new adel clamp... remove lower oil cooler fitting, cleaned, resealed and re-torqued

I Certify that this Airframe has been inspected with an Annual Inspection and has been determined to be in airworthy condition.

DATE: 12/23/2015

SIGNED:

Work Order: 2432

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datamedia.com)

[illegible]

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				17 February 2016
				Tach 1133.7 Replace left wing
				SCREWS WITH IDENTICAL PART.
				AT Advantage Aviation, working
				with Don
				OP CHECK OK. EDAW CSEL 3527206
				26 February 2016 Friday
				Tach 1139.3 OIL CHANGE
				8 QUARTS 15W50
				Replace oil FILTER - Champion
				Check lower PLUGS in Machine
				Replace COPPER washers
				WORKING WITH DON
				DUPLICATE ENTRY TO ENGINE LOG
				EDAW CSEL 3527206

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 3274 Aircraft: N74400 Tach: 1134.3 Date: 9 March 2016
Model: Grumman American AVN Corp AA-5B S/N: AA5B-0213

AIRFRAME

Discrepancy Repair: Voltage gage indicates voltage has shown an increase over the last few flights and amp meter fluctuates. Troubleshoot system, found alternator failing. Replaced alternator, Plane-Power P/N AL12-F60, s/n off 2F-113605, s/n on H-P081639. Engine run, alternator /electrical system operational check good. - END.

I certify that this *airframe* is in an airworthy condition, only for the work stated in this entry.

Charles Harvie A&P 3517275

Charles L Harvie

17 Feb
2016

1133.7

Disconnect parking brake to address a sticking left brake. Installed placard stating "parking brake inop".

Donald Ganschow A&P 3830225 *D. Ganschow*



1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 3580 Aircraft: N74400 Tach: 1283.5 Date: 10 Aug 2016
Model: Grumman American AVN Corp AA-5B S/N: AA5B-0213

AIRFRAME

Discrepancy Repair: Replaced non-functioning strobe flash tube on right wing, p/n 073-0171. Performed operation check on strobe lights—works good. Lubricated control surfaces. - END.

I certify that this *airframe* is in an airworthy condition, only for the work stated in this entry.

Donald Ganschow A&P 3830225

D. Ganschow

DATE

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)



1903 Emburyadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com

WO: 3618 Aircraft: N74400 Tach: 1295.7 Date: 31 Aug 2016

Model: Grumman American AVN Corp AA-5B S/N: AA5B-0213

AIRFRAME

Discrepancy Repair: Rebuilt left and right brake master cylinders at owner's request. Installed new O-rings, p/n MS28775-111 and p/n MS28775-009, 2 each. Bled both brake lines to brake callipers and performed brake test on both brakes—no leaks had good brake performance. — END.

I certify that this airframe is in an airworthy condition, only for the work stated in this entry.
Donald Ganschow A&P 3830225

Beechcraft
1903 Emburyadero Road,

WO: 3820

Aircraft: N74400

Tach: 1396.8

AFTT: 3601.3

Date: 6 January 2017

Model: Grumman American AVN Corp AA-5B S/N: AA5B-0213



Palo Alto, Calif. 94303 650-494-6516

Cessna

Airframe Entry

Completed **Annual Inspection**. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, and all attach points for the wings, engine and landing gear. Inspected wheel assemblies, tires, and brakes for condition and wear. Replaced worn nose tire with new tire and tube, 5.000-5 Goodyear tire, p/n 06-07100, and 5.00-5 Goodyear Premium tube, p/n 06-05000. Greased nose wheel bearings, serviced tire with air, and reinstalled. Inspected fuel strainer, found filter damaged, replaced with new filter with new seal, p/n 05-01019. Replaced vacuum regulator filter, p/n ARB3-5-1. Re-glued baggage door seal. Re-installed all access panels and covers. Note: FAR 91.411 and 91.413 are due April 2017. Replaced ELT battery, p/n 11-17345 (BP-1010), then C/W FAR 91.207(d) ELT inspection and check, no defects found. ELT battery expires Jan 2019. — END

I certify that this aircraft has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

James Allen A/P / IA 559294160

www.advantage-aviation.com



www.advantage-aviation.com

DATE
19__TOTAL
TIME IN
SERVICEREFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

15 AUG 2017 Tach Time 1457.4 hours. Remove Tail fairing
TO INSPECT White Nav Light. Repair bulkhead fitting
That was causing short circuit and blown fuses
IN Nav LIGHTS. LUBRICATE Flight compass,
Clean Tail fairing. Nav LIGHTS OF Check OK.
Check new Instrument Panel RHEOSTAT. See
BUCKS ILLUMINATE AND Vary level of ILLUMINATION
CONTROLLED BY RHEOSTAT. RHEOSTAT INSTALLED GOOD.
ON RETURN FLIGHT FROM KMOD TO PAD SEE
VOLTAGE LEVER STAY AT 13.9V, AMMETER
NEEDLE STAY AT 3527206 AMPERES
WORK DONE AT PACIFIC AIRCRAFT SERVICES - MODESTO CA

Form 1A

Precision Static Testing FAA CRS# QJAR856X

Tested in compliance with Appendix E, Part 43, F.A.R. 91.411

Tested to: 20,000 ft. W.O.#: 13328

PILOT/FIRST OFFICER / STAND-BY

AO2 / 08 Jan 2007

Test Altitude	Scale Error	Friction Error	Encoder	Leak	Acft/Case	Hysteresis	% Altitude Tested	Altitude Tested	Amount Hysteresis	After Effect	Check Pilot Hearing	Baro. Scale Error (± 25 ft.)	Aircraft #	Date Tested	Technician	Inspector	
-1000	-20	-15											28.10	1774400	08/21/2017		
0	-20	0											28.50				
500	-20	-20											28.50				
1000	-20	-20											28.50				
1500	-20	-20											28.50				
2000	-20	-20											28.50				
3000	-20	-20											28.50				
4000	-30	-45											28.50				
5000	-20	-45											28.50				
6000	-30	-45											28.50				
8000	-40	-45											28.50				
10000	-40	-45											28.50				
12000	-40	-45											28.50				
14000	-60	-45											28.50				
15000	-80	-45											28.50				
16000	-60	-45											28.50				
18000	-60	-45											28.50				
20000	-80	-45											28.50				
22000													28.50				
25000													28.50				
30000													28.50				
35000													28.50				
40000													28.50				
45000													28.50				
50000													28.50				

7971 m.m. @ 4000 ft

9971 m.m. @ 4000 ft

www.adairgears.com

I certify this airframe is approved for return to service only for the work performed and stated in this entry.

Jorge Robles A&P 3877536

Beech

Discrepancy
Reinstall with

I certify by 12
correct and f
Teste
W/O
Inspe

DATE
19__

TOTAL
TIME IN
SERVICE

DATE
19__

TOTAL
TIME IN
SERVICE

REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

Beechcraft

1903 Embarcadero Road,



Palo Alto, Calif., 94303 650-494-6516



WO: 4379 Aircraft: N74400 Tach: 1476.70 Date: 22 September 2017

Model: Grumman American AVN Corp AA-5B S/N: AA5B-0213

Airframe Entry

Discrepancy Repair. Remove leaking clamps from exhaust at cylinders 2 and 4. Inspect and adjust connecting points, reinstall clamps with new bolts. Engine run check good – END.

I certify this airframe is approved for return to service only for the work performed and stated in this entry.

Jorge Robles A&P 3877536

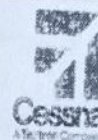
www.advantage-aviation.com

Beechcraft

1903 Embarcadero Road,



Palo Alto, Calif., 94303 650-494-6516



WO: 4624 Aircraft: N74400 Tach: 1526.7 AFTT: 3731.2 Date: 20 February 2018

Model: Grumman American AVN Corp AA-5B S/N: AA5B-0213 (AFTT= 2204.5 + tach)

Airframe Entry

Completed Annual Inspection. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, and all attach points for the wings, engine and landing gear. Inspected wheel assemblies, tires, and brakes for condition and wear. Found both brake calipers leaking hydraulic fluid. Replaced worn out o-rings in both calipers, p/n MS28775-224. Reinstalled brake calipers and bled brake system. Serviced tires with air. Replaced foam induction air filter, p/n BA-20. Replaced vacuum regular filter, p/n ARB3-5-1. Re-installed all access panels and covers. Performed post inspection engine run and systems operational tests, taxi and brake operation check. Note: FAR 91.411 and 91.413 are due August 2019.

C/W AD75-07-12 Bendix Ignition Switch – by verifying magneto grounds, ops check good. Next due by 1626.7 hrs.

C/W AD79-22-04 Aileron System Integrity – by inspection. No defects found. Next due by 1626.7 hours.

C/W AD81-24-03 Eng Power Loss – by inspecting carb air box and filter, no defects found. Next due by 1626.7 hrs.

Note: AD2017-16-01 Ameri-King ELT – AD is n/a by affected component not installed, NARCO ELT-10 installed.

C/W FAR 91.207(d) ELT Inspection and check, no defects found. ELT battery expires Jan 2019. – END

I certify that this aircraft has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

James Allen A/P / IA 559294160

www.advantage-aviation.com

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
1-1-76	76-02-09	7887.8	0/2000 N/A by S/N
8-8-76	76-1-2	4181022	
			- Fresh Start -
3-4-76	76-4-5	96.0	C/W IAW SB 150A. Mixture control.
"	76-1-2		N/A by S/N



Installed Garmin GDL 82 UAT ADS-B transmitter. GPS source for the GDL 82 is the Garmin GNS 430W. Supplied FAA AFMS, FAA Form 337, Weight & Balance amendment, Pilot's Guide & Instructions for Continued Airworthiness. Use of this ADS-B system is limited to operations within the United States & at altitudes below 18,000ft. MSL. Checks per FAR 91.413 satisfactory. This aircraft is now ADS-B compliant per FAR 91.225, 91.227-----END-----

The component identified above was installed and inspected IAW Federal Aviation Regulations and was found to be in an airworthy condition for return to service.

Signed: F. Lemon

Dated: 04/20/2018 N#: 74400 Grumman American AA-5B S/N AA5B-0213

Tach: 1561.6 TTSN: N/A

HOBBS: N/A For more info see w/o #37793

FAA Repair Station Certification # WQ3R954L

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

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	
19__			<p style="text-align: center;">AIRWORTHINESS DIRECTIVES</p> <p>CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.</p>



UNITED FLIGHT SERVICES
120 Aviation Way, Watsonville, CA 95076

May 23, 2018

N74400

Tach Time: 1591.3

Troubleshoot NLG shimmy. Found NLG fork friction torque at 0. Adjusted fork friction to 20 lbs. per Grumman AMM. Changed R/H MLG tire with new Condor 6.00X6. Installed new Cleveland brake disc and brake linings.

Robert A. Loomis

Robert A. Jones

A&P 3580051

28 August 2018	Remove & replace left
WINE TIP STROBE LIGHT BULB.	PART 15
AEROFILASH 073-0171.	OP CHECK OK
ERIC LARSEN EOLR	ADP 3527206
AEROFILASH PART # 111-0018	
9 September 2018	Replace Broken lens
OP LEFT WINE TIP STROBE	Secure bulb

PROPERTY USING E-1 P. EDA for A₂P 352720

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
25 September 19__			Replace Passenger side Front seat Belt and Shoulder harness assembly. Eric Larsen
			NOTE: TSO PA PERMITS IN "TIGER MAINTENANCE" FILE FOR WORK.

UNITED FLIGHT SERVICES
120 Aviation Way, Watsonville, CA 95076

N74400

December 28, 2018

Tach Time: 1699.8

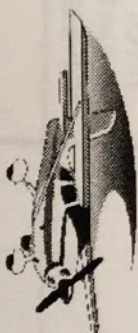
Defueled R/H Fuel Tank and removed 2 outboard lower access panels. Internally resealed O/B wall of fuel tank with CS3204-B2 sealant. Reinstalled access panels with CS3330-B2 sealant.

Terence M. McKenna

A&P 569948254 IA

DATE

19__



UNITED FLIGHT SERVICES
120 Aviation Way. Watsonville, CA 95076

N74400

January 8, 2019

Tach Time: 1702.2

Defueled R/H fuel tank. Opened 2 inboard access panels. Applied fuel tank sealant, CS3204B2, to inboard rib around tubular spar and rib to wing skin joint. Reinstalled access panels with sealant CS3330B2. Refueled tank and checked for leaks.

Terence M. McKenna

A&P 569948254 IA

DATE

TOTAL
TIME IN
SERVICE

EQUIPMENT ADDITION, REMOVAL OR EXCHANGE

19__

ITEM — MFG NAME — MODEL — SERIAL

UNITED FLIGHT SERVICES
120 Aviation Way, Watsonville, CA 95076

February 23, 2019

N74400

Tach Time: 1722.0

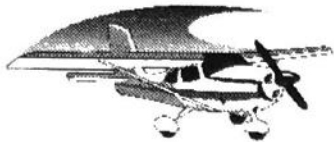
Total Time: 3926.5

I certify that this aircraft has been inspected in accordance with an annual inspection consistent with the scope & detail of CFR 14 Part 43 Appendix D & has been determined to be in airworthy condition. Replaced ELT battery pack. New battery expires May 2021. Inspected & tested ELT in accordance with CFR 91.207d & manufacturer's instruction & found satisfactory. Tested lights & electrical systems. Inspected vacuum system & filters. Replaced vacuum relief valve filter. Checked brakes & hydraulic reservoir. Replaced R/H brake linings. Tested NLG swivel preload. Removed NLG strut & inspected for corrosion. Repacked all wheel bearings & aired tires to spec. Repaired broken bonding wire on L/H flap. Replaced missing bonding wire on L/H trim tab. Replaced broken bonding wire on R/H elevator. Retorqued elevator trim tab linkage bolts, installed new placards at fuel fill points. Lubed all flight control hinges, rod ends & bearings with silicon. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.

Terence M. McKenna

A&P 569948254 IA

- ☐ Removal of Optional Equipment
- ☐ Addition of Required—Exchanged for Optional
- ☐ Removal of Required—Exchanged for Optional



UNITED FLIGHT SERVICES
120 Aviation Way. Watsonville, CA 95076

N74400

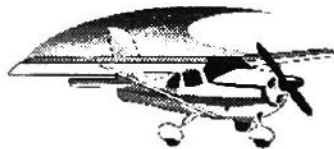
March 11, 2019

Tach Time: 1725.2

Replaced all four wing shoulder bolts with new bolts to C/WQ AD 95-19-15 R.I. Next
due: 2225.2 Tach.

Terence M. McKenna

A&P 569948254 IA



UNITED FLIGHT SERVICES
120 Aviation Way. Watsonville, CA 95076

N74400

June 4, 2019

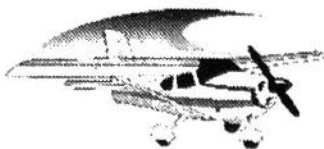
Tach Time: 1774.8

Replaced R/H MLG with new Goodyear Flight Custom III 600-6 tire and Leakguard
Inner Tube 600-6.

Terence M. McKenna

A&P 569948254 IA

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| | | |
| | | |
- ☐ Addition of Required—Exchanged for Optional
 - ☐ Removal of Required—Exchanged for Optional
 - ☐ Addition of Optional Equipment
 - ☐ Removal of Optional Equipment
 - ☐ Addition of Required—Exchanged for Optional
 - ☐ Removal of Required—Exchanged for Optional



UNITED FLIGHT SERVICES
120 Aviation Way. Watsonville, CA 95076

N74400

July 1, 2019

Tach Time: 1792.0

Removed both inboard panels on R/H wing fuel tank. Resealed side of tank. Resealed fuel tank panels. Leak check found good.

Charles J Howard

A&P 3278541 IA



UNITED FLIGHT SERVICES
120 Aviation Way. Watsonville, CA 95076

N74400

January 30, 2020

Tach Time: 1880.7

Defueled R/H wing. Removed lower I/B forward and aft fuel tank panels. Resealed forward and aft lower portion of spar at wing root rib. Removed old fuel sending unit and gasket and replaced with repaired serviceable fuel sending unit and new gasket. Cleaned fuel tank panel and mating surface and resealed. Leak check found good. Ops checked fuel quantity gauge.

Charles J Howard

A&P 3278541 IA



UNITED FLIGHT SERVICES
120 Aviation Way. Watsonville, CA 95076

April 1, 2020

N74400

Tach Time: 1898.8

Total Time: 4103.3

I certify that this aircraft has been inspected in accordance with an annual inspection consistent with the scope & detail of CFR 14 Part 43 Appendix D & has been determined to be in airworthy condition. ELT battery expires May 2021. Inspected & tested ELT in accordance with CFR 91.207d & manufacturer's instruction & found satisfactory. Tested lights & electrical systems. Inspected vacuum system & filters. Replaced vacuum relief valve filter. Checked brakes & hydraulic reservoir. Tested NLG swivel preload. Tightened elevator trim pivot bolt and cotter keyed. Installed new Cotter keys on both L/H and R/H elevator trim hinges. Removed R/H wing I/B forward and aft fuel tank panels. Resealed fuel tank inner most rib at the top of the spar. Cleaned tank panel mating surfaces and resealed fuel tank panels. Lubed all flight control hinges, rod ends & bearings with silicon. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.

Charles J Howard

A&P 3278541 IA