

N56790

ARROW

Book # 2

AIRCRAFT LOG
AL-12P



ARTEX AIRCRAFT SUPPLIES, INC.
14425 Kell Rd. NE Aurora, OR 97002
(503) 678-7929 800-347-8901

LOG BOOK ENTRY

ELT BATTERY
REPLACEMENT DATE

April - 06

AIRCRAFT DESCRIPTION

MANUFACTURER Piper MODEL PA-28R-200 DATE OF MFG. _____SERIAL NUMBER 288-7435042 REGISTRATION NUMBER N56790

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR Engine: Lycoming 10-360-C1CSTREET ADDRESS S/N: L-11338-S1A

CITY, STATE, ZIP _____

REGISTERED OWNER Prop: Hartzell HC-C2YK-1BFSTREET ADDRESS S/N: CH-12503

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

(Check one)

F.A.R. 91.169 ANNUAL/100 HOUR

F.A.R. 91.71 PROGRESSIVE

F.A.R. 91.217 SUBPART D

F.A.R. 135.60 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.170

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
June 20, 1991	TACH	2661					
<p>I certify that the altimeter, static system, transponder, and altitude reporter tests required by FARs 91.411, 91.412, & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and ACESL. TESTED TO <u>20,000 ft</u></p> <p>Altimeter model <u>United LA72-11</u> s/n <u>B0863</u></p> <p>Transponder model <u>KT79A</u> s/n <u>1530</u></p> <p>Altitude reporter <u>AR500</u> s/n <u>14130</u></p> <p>SIGNED (altimeter / static) <u>[Signature]</u></p> <p>SIGNED (transponder) <u>[Signature]</u></p> <p>AMERICAN AVIATION CO. MPLS, MN 55477</p> <p>CBS LIZBROOK WORK ORDER # <u>6577</u> DATE <u>6-20-91</u></p>							

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.170

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY AGENCY CERT NO.
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SKYCOM AVIONICS, INC. 1-800-443-4490

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT. x 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16	
TOL ± FT.	20	20	20	25	25	30	30	35	40	40	60	80	90	100	100	110	
ACTUAL FRICTION	10	10	10	10	15	30	25	25	25	70	20	10	5	0	50	10	
TEST ALT. x 1000 FT.	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL ± 25 FT.)							
TOL ± FT.	120	130	140	155	180	205	230	255	280	28.10	28.50	29.00	29.50	29.92	30.50	30.90	30.96
ACTUAL FRICTION	0	40	60	120	140	160	180	250	250	17.10	13.20	8.40	8.65	0	5.50	7.00	9.80
HYSTERESIS (TOL ± 75 FT.): MAX.				50% 10	40% 25	AFTER EFFECT (TOL 30 FT.):				OK							

ALTIMETER MAKE: DAVID
 MODEL: LA-722H/H
 SN: 30763

BLIND ENCODER MAKE: NARCO
 MODEL: AR-500
 SN: 14180

TRANSPONDER MAKE: King
 MODEL: KT-22A
 SN: 1530

CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO 20,000 FT. TO COMPLY WITH FAR 91.411
 CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.
 CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.410.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

Date: 8-11-93 Tech: 2923.54 W.O. 206242 Signed: [Signature]

TIMMERMAN FIELD
 Milwaukee, WI 53225
 F.A.A. No. NCS0062N

CRITES FIELD
 Waukeesa, WI 53188
 F.A.A. No. NCS0062N

KENOSHA MUNICIPAL AIRPORT
 Kenosha, WI 53144
 F.A.A. No. NCS2062N

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
9-15-95		I certify that the altimeter, static system, transponder, and ELIAS report test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.16-1. TESTED TO 20,000 feet.				
		Altimeter Model LA-72 LA-72-N1 SN B0863 P2 SN		10		X
		Transponder Model KT-77A KT-77A SN 1530 P2 SN				
		Altitude Reporter AR-500 AR-500 SN 14180 P2 SN				
		SIGNED <u>Eden Prairie</u> MODERN AVIONICS INC. EDEN PRAIRIE, MINNESOTA 55427 CIR. DATE OF WORK ORDER # 9935				
9-22-95		Removed AR500 s/n 14180 blind encoder. Installed \$5120 blind encoder s/n \$34367. Performed tests and found to comply with FAR 91.411, FAR 91.217 and meets Part 43 Appendix E and F. Weight change negligible.				
		The aircraft airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.				
		Pertinent details of the repair are on file at this repair station under Order # 9961 Date 9-22-95				
		Signed <u>Kurt [Signature]</u> MODERN AVIONICS INC. C.R.S. #012110L Eden Prairie, Minnesota 55347				

ALTIMETER SCALE
CORRECTION CARD

ALTIMETER S/N **80863**
PART NO. **LA-72-11**

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	-15	14000	+30
0	+20	16000	+40
500	0	18000	+50
1000	-10	20000	+80
1500	0	22000	}
2000	-10	25000	
3000	-10	30000	
4000	70	35000	
6000	0	40000	
8000	+30	45000	
10000	+20	50000	
12000	+20		

Tested by: *CR* Inspector: *R* Date: *7-26-04*



C.R.S. QI2R110L

952/941-2783
800/525-2783

10000 Flying Cloud Drive
Eden Prairie, MN 55347

CHECKS

NEXT CHECK

CHECKED BY:
RE — CERT. NO.

10000 Flying Cloud Drive
Eden Prairie, MN 55347

952 / 941-2783
800 / 525-2783
fax 952 / 941-0206

V56790 C.R.S. QI2R110L

Altitude reporter
performed and
I AC 43.6a.

#2 SN:

#2 SN:

#2 SN:

17303

[Signature]

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
June 27,	1991 TACH 26661	<p>Install AeroSAFE Corp. "Guardian I" electric drive standby Vacuum system per instructions supplied using drawing list no. 820530 dated 10-2-83. REMOVE</p> <p>Remove single probe EGT system. Installed an Electronics International, Inc. "Smart Scanner" Model SRB-EGT/CHT electronic analyzer per instruction and under STA SA4302NM. Remove existing Surep hand clock. Installed an Astro Tech Corp. LC2P digital clock in the pilots control yoke. Installed an Electronics International, Inc. Volt/amp gauge model VA-1. Volt/amp gauge is a supplement to existing original equipment airplane amp meter. Inspected installation of a previously installed, but never approved, installation of a Bracket Aircraft engine farm air inlet filter. Revised airplane equipment list and weight & balance. Completed form 337 this date.</p> <p style="text-align: right;"><i>Harold Weine</i></p>	
		<p style="text-align: center;">AMERICAN AVIATION CO. FLYING CLOUD FIELD EDEN PRAIRIE, MN 55347 REPAIR ORDER #165574</p>	<p style="text-align: center;">AP 477564051</p>
			<p style="text-align: center;">COLLECTOR HAS BEEN CHECKED OUT BY THE AIRCRAFT</p>

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
July 1	1951 TACH 2661	Annual Inspection Completed this date using American Aviation Checklist. Replaced Ignition Switch with new. Rebuilt all 3 hydraulic landing gear accumulators per Piper maintenance manual. Replaced Right brake pads. Service nose and main struts with Nitrogen. repair nose landing gear door hinge complied with Piper Service Bulletin 940 by installing 2 throttle actuator by installing 2 throttle actuator tab Pin # 45-534 micro switch looked ok. Installed Serviceable muffler See attached yellow tags dated 6-20-91. Complied with AD 75-24-02 rear leg diameter by testing. AD 84-26-02 Paper airfilter due at tach 3050. AD 78-09-07 R3 Bendix mag. impulse coupling Due at 3011 tach. AD's checked thru 91-10	
<p>I certify that this aircraft engine has been inspected in accordance with a <u>100 hr.</u> inspection and was determined to be in airworthy condition.</p>		<p><i>John J. Weise</i> IA417564051</p>	
<p>AMERICAN AVIATION CO. FLYING CLOUD FIELD EDEN PRAIRIE, MN 55347 REPAIR ORDER # <u>65572/65573</u></p>			

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
July 1, 1991		June 28, 1991 TACH 2661	
		Removed a Century I autopilot with the exception of the roll servo which is used in the Century II B upgrade approved on STC # SA3094SW-D with the installation kit AK-578. Installed the Century II B upgrade in accordance with the FAA approved bulletin No 702. Included in the installation is a Radio Coupler Model IC388M. Incorporated the FAA/DAS APPROVED AIRPLANE FLIGHT MANUAL SUPPLEMENT FOR PIPER MODEL PA28R-200, SN 28R-7235001 AND UP in to the AIRPLANE FLIGHT MANUAL. Ground and flight checks and adjustments were made in accordance with SECTION IV of the FAA approved bulletin No. 702.	AMERICAN AVIATION CO. FLYING CLOUD FIELD EDEN PRAIRIE, MN 55347 FAA CERTIFIED REPAIR STATION CBS L12R980K THE ABOVE DESCRIBED MAINTENANCE/REPAIR IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS HELD ON FILE UNDER W/O # <u>R80544</u>
		Revised the equipment list and weight/balance data. Completed form 337 for the installation.	SIGNED: David R. Ford INSPECTOR
		Replaced the 52079-3 TC with an EGC 1394T100-72 TC S/N 8505-130. See front of log for AP S/N + gyro tags. Removed old DG. Replaced & reinstalled AH	DATE <u>June 28, 1991</u> W.S. W.O. # <u>42760</u>

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
6-22-92	2771.0	100 hr insp Completed on this A/C & it was determined to be in Airworthy Condition and is approved for Return to Service CW AD 7504-02 by insp. CW AD 78-09-07K3 by insp. Replaced LH BRAKE Linings, Replaced Air Filter P/N BA 10 - Installed New ELT Battery Next Due 4-94, Repacked all Wheel bearings, Lubed all Control Cable Pulleys & Linkages. Bill Air 482708744	
		DATE <u>6/22/92</u> TOTAL AIRCRAFT TIME <u>2771.0</u> I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AD <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNATURE: <u>Fennell Clarke</u> AIRP/N/ID: <u>2631897 JEA</u>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
6-25-93	Tach 2888.24	<p>I Certify that this Aircraft has been inspected IAW AN Annual inspection AS PER FAR 43 Appendix "D" and was determined to be in Airworthy Condition and is APPROVED for Return to Service. CW AD 75-24-02 AS per AD. CW AD 78-09-07 R3 PER AD. REVIEWED ALL AIT'S THROUGH 93-05-21 LUBED ALL Control SURFACE hinges, pulley's & BEARINGS. CHECK Control Cable TENSION, CHECKED ELT operation. OK next Due 4-94. REMOVED battery. and RECHARGED & SERVICED. Cleaned battery Corrosion from box. LANDING GEAR RETRACTION test WAS Normal.</p>	
		<p>Bill Ak - 48270874 IA.</p>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
2/15/94	2963.50	<p>The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at Elliott Flying Service under:</p> <p>Work Order No. <u>471209</u> Date <u>2/15/94</u></p> <p>Signed <u>[Signature]</u> For <u>[Signature]</u> <small>(Authorized Representative)</small></p> <p style="text-align: center;">ELLIOTT FLYING SERVICE, INC. Flying Cloud Field 13801 Pioneer Trail Eden Prairie, Mn. 55344</p>	<p>REMOVED ALTITUDE PIN 8910 SIN 940 for factory repair</p> <p>Reinstalled & Run Checked out Run Checked good.</p>
2-16-94	2964.55	<p>REMOVED Hamilton Vertical COMPASS and install original Magnetic Compass. Swung Compass engine running and Pattern on. Inspected RH Landing Gear down Lock Rigging and reset D/L Switch at down Lock hook Swung Gear - operation Normal All down green Lights on. Lubed starter bendix.</p> <p style="text-align: right;"><u>Bin Ah 18482708744 JTA</u></p>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
10-29-94	Tach 3164.0	CW AD 94-14-14 NOSE GEAR inspector installed SERVICE KIT 764-2274 per instructions Provided. Gear Retraction test Normal. installed new 20amp fuse stand by VACUUM SYSTEM. B-SL 482208794JKA	
5-5-95	Tach 3217.0	Annual Insp Completed on this A/c and it was approved for return to service. Lubed Landing Gear. All Control Surface hinges & Pulley's Gear Retraction test Normal. Insp Rear wing Spar fittings for Corrosion Per SB 977. ELT ops check Normal. CW AD 74-07-12 , 74-07-12, 75-24-02, Reviewed All AD's to date. Repaired Rear Nav Lite AS needed. B-SL 482208794JKA	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4-18-96	Tach 3299.8	<p>Annual Inspection Completed on this A/C and it was approved for return to Service. Removed & serviced A/C battery. Installed new ECT battery ops test normal. battery next due MAY 1998.</p> <p>Lubed Airframe Landing Gear, Gear retraction test Normal, emergency extension Normal. Re bushed N. Gear as needed & Shimmed steering Collar as needed.</p> <p>Serviced NOSE strut. Replaced missing static wicks on Ailerons. Replaced chaffing rivets on Ailerons Lower L-E rivet line & Added Chaff tape to prevent Gap seals from Rubbing. Installed new Rod ends on Ailerons as needed. (CW AD 95-20-07 M. Gear friction studs -OK At this time Next Due 500hr Tach or 3799.8. (CW AD 75-24-02, Rear Seat OK AD 76-07-02 Landing switch OK</p> <p>Reviewed all ADS to date through 95-26-13</p> <p style="text-align: center;">END</p>	

B: OK 4827087492A

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
8/23/96	3364.42	<p>Removed Apollo 604 Loan Systems; King KR86 ADP SYSTEM and Electronics Intercom System. Installation of King ILLW81 GPS SYSTEM, King KX155/KI209 SYSTEM and Anzoco Intercom Systems. ALL SYSTEMS check good IAW manufacturer specifications. Completed 337 this date and updated equipment list and weight & balance. <i>Thomas J. Bauer 389766060</i></p>	<p>King KXTRCB/KI201 New Gal;</p>
8-27-96	3367.71	<p><i>Wally Palant</i> AIP 468583936 EA Removed 2 Pleded prop and installed Prop HC-C34R-1RF and spinner 835-47P per STC SA4528 NM. See 337 this date Weight and Balance, equipment list updated Prop <i>Senza</i> DY366A</p>	
<div style="border: 1px solid black; padding: 5px;"> <p>The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.</p> <p>Signed <u><i>John J. [Signature]</i></u> for</p> <p>Kenosha Aero, Inc., Certificate No. KABR 078A</p> </div>			

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
10-6-96	TACH 3403.53 PA 481-780	installed new Electric Fuel pump B-AL AP 482208799	
10-31-96	TACH 3412.1	REMOVED Artificial horizon, D.G. FOR O/H by Century Inst Corp. - Reinstalled op test normal. - see TAGS B-AL AP 482208799	
1-15-97	TACH 3426.86	installed REIFF Corp #56 Preheat Pad per REIFF installation instructions W/REIFF AP P 468582936A REMOVED	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
7-9-97	Tah 3486.78	78 ACT 3486.78	
-		C/W Annual Insp per Piper M.M. Removed.	
		SERVICED A/C battery - installed new pos terminal	
		battery to box p/n 66616-000. installed 2CA	
		p/n 16165 static wicks one on each Aileron.	
		Re-sealed & serviced Shimmy Damper. Lubed	
		Landing Gear & wheels. Swung L. gear ops test	
		normal A/C on JACCS emergency extension normal	
		EIT ops check normal - battery next due 5-1998	
		C/W AD 97-01-01 Main Gear side brace stud	
		by inspection only - OK at this time - 7/8"	
		studs installed. next due 500 hrs per para 6	
		of AD 75-24-02 main Seat Attachment OK	
		next due 100 hr tach or 3586.7	
		AD 76-07-12 Bendix ignition Switch OK	
		next due 50 hrs. AD 93-02-05 Lycoming	
		Fuel injector lines ok next due TACH 3586.78	
		next PAGE	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
7-9-97	Tach 3486.78	ACTT 3486.78	
		<p>PW AD - 96-09-10 WAS P-LW on 8-4-86 by installing oil pump Gears - pn 13110, 13109 & shaft pn 41174 - sintered gears not installed.</p>	
		<p>XX Found Corrosion on RH inboard wing spar in wheel well AREA + A/C is not Approved for return to service until Damaged area has been repaired. - owner has been advised of problem - Given list of discrepancies — END</p>	
		<p>B-Ab 482208744 Id</p>	
7-9-97	Tach 3486.7	<p>A/C has been Insp & is Approved for a 1 time ferry flight from Anka City to Olatonna Airport for wing repairs. —</p>	<p>B-Ab 482208744 Id</p>

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF
COMPLETIONAIRCRAFT TIME
IN SERVICEDESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USEDAGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

8-25-97

3487.55

TACH & TOTAL

Removed ~~the~~ Right wing, Landing gear assy, & Fuel tank to
Replace inboard MAIN SPAR, P/N 67070-03. Wing & Associated
Parts Re-installed, USING ALL New wing bolts, Nuts, &
Washers. (See FAA Form 337 this DATE) Also installed Overhauled
Hydraulic Power pack, and New O-rings in Landing gear manual
override valve. Controls Rigger, Retraction tests performed,
Normal & emergency extension all Satisfactory. Brakes Bled.
Serviced Struts with Nitrogen. All work ACCOMPLISHED
in Accordance with Piper Maintenance Manuals & parts
Catalog Dal M. Orr A&P 4728405741A

INSPECTION RECORD

F.A.R. 43.11-91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION, STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
10/16/98	TRC 3650	TT Amphib 3650 PSMN 282HRS
		<p>Completed Annual insp IAW paper insp form. ERT system checked IAW 9.207 Part D checked OK. replaced battery due again Dec of 2000. Replaced access panel with proper nylon screw. Replaced both Vac filters. Fusit elevator trim, indicate & crack white. Replaced both springs for seat back, pilots seat, & one stop bolt. Ripped rear pouches for both front seats. Replaced all 8 bushings & one bolt in main gear drag link. Installed missing washers to drive airline bellcrank in left wing. Tighter bearings in right wheel.</p>
		CW 8076-07-12 ignition switch 30HRS
		CW 8075-24-02 loose plate 100HRS
		8097-18-02 Hated prop / N/A
		8098-14 03 KT 90A Transponder N/A
		by SPW

(Cont)

INSPECTION RECORD

F.A.R. 43.11 - 91.217

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

10/16/98

Recopied compass
card.Serviced nose strut with nitrog.
THUNDERBIRD AVIATION**Airborne**I CERTIFY that this aircraft air frame has been
inspected in accordance with ANNUAL
INSPECTION and was determined to be in air
WORTHY condition.**Air Filter Change Reminder**

Changed at: 3650 Hrs. Next Change: 4150 Hrs.

10/16/98 Date Robert Erickson A004812025579N56790 Serial # 28R-7435042
November 12, 1999
Tach Time: 3733.3

Removed the following radios, racks and associated wiring: King KX155/KI209 Nav/Com radio system, King KLN89B GPS system and Narco DME890. Communication antenna, DME antenna and associated coax were not removed from aircraft. Equipment list, weight and balance were update. See 337 this date.

James Barker
James Barker 469586675A&PNO Further Entry

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

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

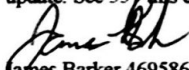
N56790

Serial # 28R-7435042

December 15, 1999

Tach Time: 3733.3

Installed the following radios, racks and associated wiring: King KX155/KI209 Nav/Com radio system, King KLN89B GPS system and Narco DME890. Systems were installed in previous positions using the same circuit breakers, antenna hook-ups and interconnections. Equipment list, weight and balance were update. See 337 this date.



James Barker 469586675A&P
Aviation Resources, LLC

4 J

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

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

VALTERS AVIATION, INC., LAKE ELMO, MN 55042

8-1-2003

N56790

TACH: 3733.3

TT: 3733.3

- ANNUAL INSPECTION COMPLETED THIS DATE
- INSTALLED OVERHAULED LYCOMING IO-360 CIC ENGINE S/N L-8823-51A 2702.3 HRS TT 0 SMOH USING MOUNT KIT J9613-40
- INSTALLED BRACKETT AIR FILTER P/N: BA-3
- INSPECTED AND OPS CHECKED ELT PER FAR 91.207
- ELT BATTERIES DUE FOR REPLACEMENT 12-2003
- REPLACED TRANSPONDER WITH NARCO AT 50A SERVICEABLE WIPAIRE WO# 98422
- LUBED ALL HINGES AND PULLEYS
- REPLACED BATTERY WITH G-35
- CLEANED INSPECTED AND REPACKED ALL WHEEL BEARINGS
- REPLACED NOSE WHEEL BEARINGS 88125 ABD RACES 08213
- DRESSED PROP
- PROPELLER LOW PITCH STOPS SET PER MAXWELL AIRCRAFT W/O 107419
- BALANCED PROP PER HARMONY AVIATION
- SERVICED LT, RT AND NOSE STRUTS WITH 5606 AND NITROGEN
- REPLACED CORRODED SCREWS IN STALL SWITCH
- BLED BRAKES LT AND RT SIDES
- REPLACED LT AND RT BRAKE DISCS 164-02000
- REPLACE LT AND RT FUEL CAP GASKETS
- REPLACED DIRECTIONAL GYRO WITH OVERHAULED 52D54M
- OVERHAULED AIRSPEED IND. CENTURY INSTRUMENTS W/O K116379
- INSTALLED OVERHAULED TURN COORDINATOR EGC 1394T100-7Z
- REPLACED ALTERNATOR STRAP 63531-000
- INSTALLED OVERHAULED ALTERNATOR 3656624R
- INSTALLED VOLTAGE REGULATOR VR200A
- INSTALLED ACK A30 ALTITUDE ENCODER

INSPECTION RECORD


F.A.R. 43.11 - 91.217

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

DATE

AIRCRAFT TIME
IN SERVICE

8-15-03

PITOT STATIC VFR CERTIFICATION COMPLETED PER TOP
FLIGHT AVIONICS W/O 1578DATE 12/2/03 TACH OR HOBS TIME 3740.56DYNAMICALLY BALANCED PROP/SPINNER COMBINATION IN
ACCORDANCE WITH INSTRUCTIONS SET FORTH BY ~~THE~~ PROP
MANUFACTURER ~~AND/OR~~ CHADWICK-HELMUTH PUBLICATION AN-
9511-2. DYNAMIC BALANCE WEIGHTS MUST BE REMOVED
AFTER PROP OR ENGINE OVERHAUL. 14.2g → 200°INITIAL "IPS" .21 FINAL "IPS" .03BALANCED BY  A&P # 130580057
HARMONY AVIATION DOUG SHEARS 1-800-774-6225

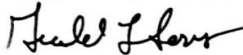
Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N56790 Aircraft Log entry.

Date: 12/29/03 Aircraft Tach: 3741.88 Aircraft TT: 3741.88

Replaced aircraft tachometer with a newly overhauled unit. (see yellow tag this page).

Gerald L. Serres A&P 471960279



MODERN AVIONICS

Piper PA28R-200, SN 28R-7435042
N56790 02/23/04

10000 Flying Cloud Drive
Eden Prairie, MN 55347

952 / 941-2783
800 / 525-2783
fax 952 / 941-0206

Removed PM2000 system and installed
GMA340 Audio Panel, GNS430 GPS/Nav/Com, C.R.S. Q12R110L
GA56 GPS antenna, GI106A Indicator, and CI-505
coupler. All work was done IAW mfrs. installation
instructions and AC 43.13 1b & 2a. Weight and Balance
and Equipment list revised. Form 337 & FMS filed.
Ramp & flight tested good.

The aircraft, airframe, aircraft engine, propeller, or appliance
identified above was repaired and inspected in accordance
with current Regulations of the Federal Aviation and Administration
and is approved for return to service.

Pertinent details of the repair are on file at this repair station
under Order # 16977 Date 1-23-04

Signed A. Serres

MODERN AVIONICS

C.R.S. #Q12R110L

Eden Prairie, Minnesota 55437

DATE

Quality Aviation, Inc.

3401 W. Trunk Hwy 21

Faribault, MN 55021

1-866-865-1777

N56790 Aircraft Log entry.

Date: 3/25/04 Aircraft Tach: 3771.97 Aircraft TT: 3771.97

Replaced ELT battery with new. Opps checked the ELT in accordance with FAR 91.207, replace battery by April 2006. Removed and replaced the electric fuel pump with newly overhaul (see maint. release tag this page.)

Gerald L. Serres A&P 471960279



Quality Aviation, Inc.

3401 W. Trunk Hwy 21

Faribault, MN 55021

1-866-865-1777

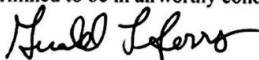
N56790 Aircraft Log entry.

Date: 7/30/04 Aircraft Tach: 3807.26 Aircraft TT: 3807.26

Complied with an annual inspection per Piper inspection check list. ELT checked IAW FAR 91.207(d), next change due April 06. Installed Hobbs meter. Complied with AD 75-24-02 inspection of seats.

Complied with AD 76-7-12 opps check of ignition switch. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Gerald L. Serres A&P IA 471960279



INSPECTION RECORD
Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

T
AIRCRAFT FOR SERVICE

N56790 Aircraft Log entry.

Date: 8/10/04 Aircraft Tach: 3815.00 Aircraft TT: 3815.00

Removed and replaced the left main tire with a new Goodyear Flight Special II 6.00 X 6.

Gerald L. Serres A&P 471960279

Gerald L. Serres

Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N56790 Aircraft Log entry.

Date: 8/10/04 Aircraft Tach: 3830.31 Aircraft TT: 3830.31

Removed and replaced the right main tire with a new Goodyear Flight Special II 6.00 X 6.

Gerald L. Serres A&P 471960279

Gerald L. Serres

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# 27663	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) Phone: 1-877-833-6948 5746 E. Apache, Bldg A 918-835-6948 Tulsa, OK 74115 Fax: 918-835-2804				5. Work Order Invoice Number INV # 32783			
6. Item	7. Description	8. Part/Number	9. Eligibility	10. Qty	11. Serial/Batch Number	12. Status/Work	
1	GOVERNOR	F-2-7A	(VARIOUS)	1	6194-W	FLUSH + RESEAL	
13. Remarks: See Attached Work Order Summary for details. 2 pages (MECH: DLR)							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.				
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: JRH		21. Approval/Certificate No.: QYIR334Y	
17. Name (Typed or Printed):		18. Date (m/d/yy):		22. Name (Typed or Printed): JUSTIN R HICKS		23. Date (m/d/yy): 6-2-05	

FAA Form 8130-3 (9-83)

*Installer must cross check eligibility with applicable technical data.

R SERVICE

11.207(d), next
, CRS#
with a serviceable
specification of seats.
in accordance with an

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

N56790

Tach: 3879.9

04/04/06

Jacked aircraft. Adjusted down lock microswitch right main and cycled gear 4 times. Removed right main brake caliper, installed new piston O ring P/N MS28775-222, reinstalled caliper, and bled brake. Serviced brake system reservoir with Mil H 5606A hydraulic oil. All work in accordance with Piper Service Manual.



F. W. Holstein, Jr. IA1320918

California Aero Marketing, LLC
2155F South Mission
Fallbrook, CA 92028

760 731 2614

ORDER # 407 # 20 ALTIMETER TEST FORM

MFG.: UNITED INSAR

MODEL: 593Y

SERIAL NUMBER: in A/C

W.O. # 47916

DATE: 9/14/06

TEST	SCALE ERROR			FRICTION		ENCODING
	PRIOR (FT.)	TOL. VIB.	TOL. VIB.	TOL. FT.	TOL. FT.	+125 FT. OF TRANS.
-1M		-990	20			-1000
0		0	20			0

CASE LEAK TEST
 MAX: 100 FT./MIN. AT 18,000 FT.
N/A

POSITION ERROR
N/A

/Work:

>

* 13

* 12
 le of
 ad for

1:

26

cal data

IVICE

DATE

AIRCRAFT TIME
IN SERVICE

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

N56790

Tach: 3882.6 TT

10/05/06

Inspected aircraft in accordance with Piper Cherokee Service Manual Table III-11 Inspection guide. Lubed as required. Jacked aircraft. Performed normal and emergency gear extensions. All operations found satisfactory. Lubed gear. AD 97-01-01R1 Main Landing Gear Collapse does not apply. Has 5/8 inch studs. Complied with AD 75-24-02 Loose seats by inspection per AD. Next compliance due next annual.. Complied with AD 76-07-12 Bendix switch per paragraph 1. Next compliance due 100 hours TIS. Complied with Piper Service Bulletin 1161 dated 03/08/06 Rib Assembly Inspection and Modification- Aft Wing, W.S. 49.25. Right wing rib found cracked. Installed Piper P/N 767-398 Kit, Rib Flange Repair in accordance with kit installation instructions DWG No. 88373 Rev. F. Next inspection per the SB is 100 hours TIS. Replaced nose wheel tire with new Michelin 5.00-5 6PR tire P/N 072-312-0 S/N 5247W00200 and Michelin 6.00-6 tube. . Repacked wheel bearings.. Serviced Battery. Installed new Artex ELT battery pack P/N00-60-13 in accordance with Artex Installation Instructions. Inspected ELT in accordance with FAR 91.206(d). Battery expires 08/08. Installed new Brackett air filter element P/N BA-10. continued next page

INSPECTION RECORD

F.A.R. ~~43.11~~ 91.217

DATE

AIRCRAFT TIME
IN SERVICE

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

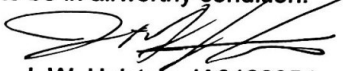
*wrong: Hoses Replaced 1996.
They are overdue*

N56790 Tach: 3882.6 TT

10/05/06

AD 95-26-13 Oil cooler hoses not due again until Aug. 2011 (8 year replacement cycle of TSO-C53a Type D hoses). ADs checked.

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



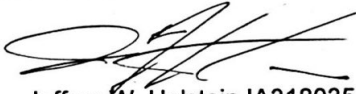
J. W. Holstein IA3180354

California Aero Marketing, LLC
2155-F South Mission Road
Fallbrook, CA 92028

760 731 2614

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	N56790	<div style="text-align: right; margin-bottom: 10px;">Tach: 3904.01 06/13/2007</div> <p>Removed existing battery. Neutralized acid and cleaned battery box and local airframe structure. Treated affected areas with CorrosionX. Installed Concorde Battery P/N RG35-AXC, serial number 40163952 In accordance with Concorde Battery Installation Instructions, Piper, Light Aircraft, Multiple Models DWG. No. 5-0158 Rev. NC issue date 11/15/02 under STC SA01147WI. See 337 on file this date. Weight and balance amended.</p> <div style="text-align: right; margin-top: 20px;">  Jeffrey W. Holstein IA3180354 </div> <div style="margin-top: 20px;"> California Aero Marketing LLC 2155 Building F South Mission Road Fallbrook CA 92028 760 731 6214 </div>

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
12/3/07	Tach 3907	Aircraft total time = 3907 hr.
		<p>Annual inspection completed Per FAR 43 - part D. Checked ELT Per FAR 91.207 - found airworthy. ELT batt due 8/08. c/w A.D. 75-24-02 seat insp. c/w A.D. 76-07-12 ignition switch check.</p> <p>Replaced RH + LH fuel tank vent Assy + hoses. Replaced RH + LH brake linings. Replaced dorsal jibs. Replaced cowling chafe material. I certify that this air- craft has been inspected in accordance of an Annual inspection + was determined to be in an airworthy condition.</p> <p>Phyl J. Halley 12438745824.</p>

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

F.A.A. - P.M.A.

AIRTEX PRODUCTS, INC.

NUMBER 43752

1407 PART CARPET
 PART COWL PAD
 PART CUSHION UPHOLSTERY
 PART HEADLINER
 PART WALL PANELS
 PART BAGGAGE COMPARTMENT
 PART FIREWALL COVER
 PART SEAT SLINGS
 PART HAT SHELF PAD



ELIGIBILITY 1973 Piper P48BK/200

3/1/08 Replaced Carpet with airtex products 43752
 3915 Tech *Adrian Johnson*

8/25/08 ELT removed per FAR 91.207F for Repair
 airplane placard *Adrian Johnson*

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	 Sterling Avionics FAA Repair Station WQ3R954L Buchanan Field Airport 101 John Glenn Drive Concord, CA 94520 Tel: (925) 676-2100	
	TTIS 3969.0 Form #: SA-108	
	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.	
	ELT Part #: <u>CIR-11-2</u> Battery Installed: <u>08/30/08</u> Date: <u>08/30/08</u> Signed: <u>Pherson</u>	ELT Serial #: <u>19580</u> Battery Due: <u>02/20/10</u> Work Order #: <u>332</u> Reg. #: <u>N56790</u>
		 Sterling Avionics FAA Repair Station WQ3R954L Buchanan Field Airport 101 John Glenn Drive Concord, CA 94520 Tel: (925) 676-2100
		Form #: SA-111 Altimeter/static and altitude reporting equipment systems have been tested and inspected per appendices E & F of Part 43 as required by FAR 91.411 calibrated to <u>20,000</u> ft.
		Transponder(s) have been tested and inspected and found to comply with Appendix F of Part 43 I.A.W. FAR 91.413.
		Date: <u>10-6-08</u> W.O. #: <u>38794</u> Reg. #: <u>N56790</u> TTIS: <u>3975.74</u> Signed: <u>Pherson</u>

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

11/20/79

3984.53


Repacked nose gear using kit JM PRVSI and serviced with hyd
and dry air. Main gear removed from aircraft and repacked using JM PRVSI
seal kits. Replaced scraper ring PN 484-684 on LH gear metering tube.
Sheared and serviced gear. Changed fuel strainer. Replaced LH
outboard aileron hinge. Packed all wheel bearings. Replaced vacuum
pump relief valve filter. Replaced alternate light. Replaced
main gear tires and tubes. Complied with AD 96-10-03 by
replacement of Clavis light and installation of parking PN 65900-174
and 400-673 light. Reinstalled missing rudder horn. Washings PN
62371-05 - END - [Signature] AIP 3090006.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1/20/2009	3984.53	<p>Complied with AD 75-24-02 by checking seat retention OK One again 4084.53 000 annual. I Certify that the EBT was inspected as required by FAR 91.203 and was found to be satisfactory. Replaced stabilizer ^{wire} RH side of stabilizer. (CW) 81-11-02 R1 by installing plugs ^{wire}. Replaced fuel nozzle inspected muffler shroud and found it to comply with AD 81-11-02 R1. Replaced fuel nozzle. Cleaned shift warning actuator connections. The aircraft was opened for inspection and lubricated as needed. Performed operational checks.</p> <p style="text-align: right;">J. S. Jones AWP 557-801322</p>
		<p>I certify that this aircraft ^{aircraft} has been inspected in accordance with an annual ^{an annual} inspection and was determined to be in airworthy condition. Dated: 1/20/2009 Total time 3984.53 hrs. Signed: John S. Jones Certificate No: 1A557-80-1322</p>

INSPECTION RECORD
F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE KIND OF INSPECTION - STATUS & DISCREPANCY LIST	T FOR SERVICE
			
		<p>Removed King KX 170B nav/comm System, King KI 208 ind, and Comant CI 505 nav. splitter. Installed King KX 155 nav/comm, King KI 209 ind, and Comant CI 1125. This install done as a minor alteration per Sterling's major minor checklist. Completed weight and balance and equipment list revision. Operational check good. *****END*****</p>	
		<p>The components identified above were installed and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.</p>	
		<p>Signed: <u><i>David Vickers</i></u> Dated: 7-23-2009 N#: USA N56790 Tach: 4001.93 TTSN: 4001.93 HOBBS: 182.7 For more info see w/o 34036 FAA Repair Station Certification # WQ3R954L 101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580</p>	

INSPECTION RECORD

E A D 12 11 01 217



DATE

AIRCRAFT TIM
IN SERVICE

AIRCRAFT FOR SERVICE

Removed Garmin GNS 430 p/n 011-00280-10 s/n 97118849.
Sent to Garmin Int'l for WAAS upgrade. Installed upgraded
Garmin GNS 430w p/n 011-01064-40 same s/n. Removed
Garmin GA 56 GPS antenna and installed Garmin GA 35
GPS/WAAS antenna in same location. Used existing coax
cable. Work done IAW Garmin STC # SA019331A. Equipment
list revised to reflect WAAS unit. Completed FAA form
337. ICA added to aircraft maintenance records. FAA
approved Flight Manual Supplement added to P.O.H.
Operational check good.-----END-----

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

Signed:

David Vicker

Dated: 7-23-2009

N#: USA 56790

Tach: 182.7

TTSN: 4001.93

HOBBS: 4001.93

For more info see w/o 34369

FAA Repair Station Certification # WQ3R954L

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

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE

AIRCRAFT TIME
IN

MAKE
MODEL
S/N
REG NO N56790
WORK ORDER
5075-07-2009

~~STERLING~~

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 7/24/2009
A/C TSN:
TACH: 4001.93

Airframe Entries

Remove and resealed LH pilots brake cylinder. ops check good. no leaks noted at this time

Maintenance Release

The aircraft and/or component(s) on N56790 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 under Work Order No. 5075-07-2009, Dated 7/24/2009.

DATE: 7/24/2009

SIGNED

Bill Deaf APP 3111468

Work Order: 5075-07-2009

Printed by EBis 3 (datcomedia.com)

MAKE Piper
MODEL PA-28R-200
S/N 28R-7435042
REG NO N56790
WORK ORDER
6757-04-2015

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 4/15/2015
A/C TSN: 4100.79
TACH: 4100.79

Airframe Entries

Removed left main tire and replaced butyl inner tube with new pin TU 151600-6 ACL. Torqued wheel halves in accordance with MM and inflated to spec. per P O H with no further leaks noted. Reinstalled wheel assembly on aircraft using new cotter pin p/n MS24665-362

DATE: 4/15/2015

SIGNED

W. S. G. G. G. APP 57490481

Work Order: 6757-04-2015

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C

Pacific
States
Aviation



Date: 2/19/2010, Aircraft: N56790, Type: PA-28R-200, S/N: 28R-7435042, Hobbs: [Total Time], Engine - Type: IO-360-C1C, S/N: L-8823-51A, Time: 2982.50, Last MOH: 2802 60-5/19/2005, Prop - Type: HC-3CYR-1RF, S/N: DY3616A, Time: 645.80
Shop Order #: 10-15237

- 1) Performed Annual inspection IAW Pacific States annual inspection checklist
- 2) Replaced adol clamps near left magneto, and cylinder 3 intake pipe
- 3) Tightened alternator belt.
- 4) Replaced gascolator gasket and bail.
- 5) Replaced left wing strobe tube
- 6) Replaced vacuum relief filter
- 7) Replaced left flexible brake line @ landing left MLG
- 8) Bled brake system
- 9) Replaced ground wires @ tail, and right nav light sockets.
- 10) Replaced static wks @ left aileron
- 12) Replaced nose gear steering rollers and bushings
- 13) Performed ELT inspection IAW FAR91.207 Battery expires 12/2010
- 14) C/W AD75-24-02 by inspection of passenger seats. Due again 2/2011
- 15) C/W AD76-07-12R1 by ignition switch function test. Due again @ AFMT 4113.6

I certify that this aircraft/component has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Repair details are on file at Pacific States Aviation under the above work order number.

Signed:
Pacific States Aviation, Inc. Repair Station No CPFR948C

Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C

Pacific
States
Aviation



Date: 3/24/2010, Aircraft: N56790, Type: PA-28R-200, S/N: 28R-7435042, Hobbs: [Total Time], Engine - Type: IO-360-C1C, S/N: L-8823-51A, Time: 2982.50, Last MOH: 2802 60-5/19/2005, Prop - Type: HC-3CYR-1RF, S/N: DY3616A, Time: 645.80
Shop Order #: 10-15302

- 1) Rerigged ailerons IAW Piper Cherokee maintenance manual chapter 5 para. 12

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Repair details are on file at Pacific States Aviation under the above work order number.

Signed:
Pacific States Aviation, Inc. Repair Station No CPFR948C

INSPECTION RECORD
F.A.R. 43.11 - 91.217

STERLING

Sterling Avionics

FAA Repair Station WQ3R954L
Buchanan Field Airport
101 John Glenn Drive
Concord, CA 94520
Tel: (925) 676-2100

Tach: 4032.07
Hobs: 182.7
Form #: SA-111

Altimeter/Static and altitude reporting equipment systems have been tested and inspected per appendices E & F of Part 43 as required by FAR 91.411 calibrated to 20000 ft.

Transponder(s) have been tested and inspected and found to comply with Appendix F of Part 43 I.A.W. FAR 91.413.

Date: 12/02/2010
Reg. #: N56790
Signed: Pherson

W.O. #: 35159
TTIS:
4032.07

SECTION - STATUS & DISCREPANCY LIST
REASON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

1-8-2011 Tach 4032.7
ELT Batt. Replaced
with BP-1026 + CK'd operation
N. [Signature] owner

Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400

Repair Station No. CPMR948C

INSPECTION RECORD

Pacific
States
Aviation



Date: 3/18/2011; Aircraft: N56790, Type: PA-28R-200, S/N: 28R-7435042, Hobbs: 182 /U, I act: 4033 68, Total Time:; Engine - Type IO-360-C1C, S/N L-8823-51A, Time: 2982 50.
Last MOH: 2802 60-5/19/2005, Prop - Type: HC-3CYR-1RF, S/N: DY3616A, Time: 645 80, Work Done At - Airframe Time: 4033 68, Engine Time: 2982 50.

Shop Order # 11-15666

1) Performed Annual inspection IAW Pacific States annual inspection checklist.

2) Replaced landing light bulb.

3) Replaced right nav light ground wire and connector.

4) Adjusted nose gear doors

5) Replaced nosegear assist springs.

6) Performed ELT inspection IAW FAR91 207. Battery expires May 2013

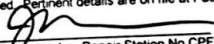
7) C/W AD75-24-02 by inspection of crew seats. Due again @AFTT 4133 68

8) C/W AD75-07-12R1 by ignition switch function check. Due again @ AFTT 4133 68

9) C/W AD2010-15-10 by inspection of control column u-joints.

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

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: 
Pacific States Aviation, Inc. Repair Station No. CPMR948C

3/20/12

TACH 4064.2

ELT BATT Replac'd w/ BP-1026, CK'd

OPERATIVE
J. Linn owner
Battery S-2014

INSPECTION RECORD

Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPMR948C



Airframe

Date: 4/20/2012, Aircraft: N56790, Type: PA-28R-200, S/N: 28R-7435042, Hobbs: , Tach: 4064.39, Total Time: 4064.39
Shop Order #: 12-16067

- 1 Performed Annual airframe inspection IAW Pacific States annual inspection checklist.
 - 2 Inspected ELT IAW FAR 91 207(d). Ops check good. Battery pack expires MAY 2014.
 - 3 Performed rear crew seat inspection and found to be airworthy IAW AD 75-24-02. No defects found at this time.
 - 4 Performed ignition switch function check IAW 76-07-12R1. No defects found at this time.
 - 5 Secured grounding plate/wire in it's correct place. Nav light ops check good.
 - 6 Removed and replaced nose wheel bearings (P/N 08125) and races (P/N 08231-20629).
 - 7 Reset aileron cable tension and safetied turn barrels.
 - 8 Increased tension on stabilizer trim cables and resafetied.
 - 9 Increased rudder cable tensions and resafetied.
 - 10 Resealed, bled parking brake system, leak check good.
 - 11 Resealed both brake cylinders, bled systems, and leak checked good.
 - 12 Resealed cylinder, bled system, leak check good.
 - 13 Reset flap handle tension, safetied turnbarrell.
 - 14 Replaced two door hinge eye bolts p/n AN44-7A, two pins p/n MS20392-3C13, and washers. replaced door holder assembly screw (in fuselage side).
 - 15 Stop-drilled on crank flap root fairing.
- I certify that this aircraft/component has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: 
Pacific States Aviation, Inc. Repair Station No. CPMR948C

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE**STERLING****Sterling Avionics**

FAA Repair Station WQ3R954L
Buchanan Field Airport
145 John Glenn Drive
Concord, CA 94520
Tel: (925) 676-2100

Form#: SA-111

Altimeter/static and altitude reporting equipment systems
have been tested and inspected per appendices E & F of
Part 43 as required by FAR 91.411 calibrated
to 20,000 ft.

Transponder(s) have been tested and inspected and
found to comply with Appendix F of Part 43 I.A.W. FAR
91.413.

Date: 1-17-13W.O. #: 36136Reg. #: N56790TTIS: 4077.45Signed: David V. [Signature]

INSPECTION RECORD

F.A.R. 43.11 - 91.217

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

Pacific States Aviation
51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CFFR948C



Airframe

Date: 5/15/2013 Aircraft: N56790, Type: PA-28R-200, S/N: 28R-7435042, Hobbs: Tach: 4082.55, Total Time: 4082.55
Shop Order #: 13-16458

- 1 Performed annual airframe inspection IAW P.S.A. checklist.
 - 2 Performed ELT inspection IAW FAR 91.207(d). Ops check good. Battery expires MAY 2014.
 - 3 Ran aircraft and performed AD 75-07-12R Ignition switch function check. No defects found at this time.
 - 4 Performed AD 75-24-02 Sear inspection IAW Service Letter no. 763. No defects found at this time.
 - 5 Complied with AD 2013-02-13 Cable inspection. Removed rear seats, floorboards, and all necessary panels to perform inspection. Found corrosion on both stabilator flight control cable turnbuckles located inside the tail cone. Replaced both turnbuckles with new pin MS21251-85S, IAW Service Bulletin no. 1245A and Piper Maintenance Manual Section V, ch. 5-14 - 5-17 Stabilator Control. Rigged and adjusted stabilator travel and cable tension. Reinstalled components that were removed for inspection.
 - 6 Stop-drilled crack in air filter box.
 - 7 Removed and replaced RH MLG brake linings pin 066-110500 and rivets pin 105-00200.
 - 8 Removed and replaced LH elevator static wick with new wick pin 0592001-0201.
 - 9 Primed and installed new fuel decals after removing and cleaning residue from existing decals.
 - 10 Removed LH landing gear hydraulic actuator. Removed and replaced actuator o-rings pin MS28775-111 and MS28775-113 IAW Piper maintenance manual landing gear section 6-23 - 6-28. Installed actuator and performed gear swing. Ops and leak check good.
 - 11 Cleaned gear-up micro switches in wheel wells. Adjusted both gear doors (MLG) via the jam-nut on the rod-end bearing, to extend doors slightly more when gear is fully retracted. Used external power to swing landing gear and check "Gear in Trans" light. Gear and light ops checked good.
- I certify that this aircraft/component has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: 
Pacific States Aviation, Inc. Repair Station No. CFFR948C



I CERTIFY THAT THIS AIRFRAME HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: David Vickers DATE: 6-9-14
David Vickers, IA 3161731
TTIS: 4100.79 TSMO: — REG# N56790

MAKE Piper
MODEL PA-28R-200
S/N 28R-7435042
REG NO N56790
WORK ORDER
6437-05-2014

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE 6/9/2014
A/C TSN 4100.79
TACH: 4100.79

Airframe Entries

Airframe 100 hour inspection for 2014 airworthiness recertification IAW FAR 91.409 (b) complied with using Sterlings checklist and FAR 43 appendix D. Internal and external structural integrity visually inspected. Exposed hinges, bearings and rod ends lubricated. Functional components operationally checked. normal Avionics ground operation checks normal. See the following corrected discrepancies... FAR 91.417(2)(v) Airworthiness Directive (A.D.) research and inspection for continued airworthiness complied with. See the following complied with A.D.'s... c/w 76-07-12 by functional test of ignition switch. no defects noted. next due at tach of 4200.79. replaced #s 2 and 4 cyl. valve cover gaskets p/n 67193. no further leaks noted... tightened exhaust lube on dry air pump... tightened alternator belt. op's check good... resealed nose landing gear actuator with new o-rings p/n MS28775-110 and MS28775-213 and ring p/n 756-053. replaced bearing rod end p/n 452-334. no further leaks noted.

DATE: 6/9/2014

SIGNED: JA MP 2748490

Work Order: 6437-05-2014

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DA

STERLING**Sterling Avionics**

FAA Repair Station WQ3R954L
 Buchanan Field Airport
 145 John Glenn Drive
 Concord, CA 94520
 Tel: (925) 676-2100

TACH: 4100.8
 Form #: SA-108

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d), and is found to be in satisfactory condition.

ELT Part #: CR-11-2

ELT Serial #: 14580

Battery Installed: 6/6/2014

Battery Due: SEP 2016

Date: 6/6/2014

Work Order #: 36624

Signature: *Phemon*

Reg. #: N5679D

CORD

1.217

STATUS & DISCREPANCY LIST

REVISING OR DISAPPROVING AIRCRAFT FOR SERVICE

Sterling Avionics

FAA Repair Station WQ3R954L
 Buchanan Field Airport
 145 John Glenn Drive
 Concord, CA 94520
 Tel: (925) 676-2100

Form #: SA-111

Altimeter/static and altitude reporting equipment systems have been tested and inspected per appendices E & F of Part 43 as required by FAR 91.411 calibrated to 20,000 ft.

Transponder(s) have been tested and inspected and found to comply with Appendix F of Part 43 I.A.W. FAR 91.413.

Date: 2/16/15

W.O. #: 36865

Reg. #: N5679D

TTIS: H: 182.7

Signature: *Phemon*

T: 1112.42

MAKE Piper
MODEL PA-28R-200
S/N 28R-7435042
REG NO N56790
WORK ORDER
6832-07-2015

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone 925-676-2100

DATE 7/10/2015
AVC TSN 4114 77
TACH 4114 77

Airframe Entries

Internal and external structural integrity visually inspected. Exposed hinges, bearings and rod ends lubricated. Replaced vacuum regulator filter p/n ARB3-5-1, central air filter p/n AAD9-18-1 and induction air filter p/n BA-10. Avionics ground operation checks normal. See the following corrected discrepancies: FAR 91.417(2)(v) Airworthiness Directive (A D) for continued airworthiness complied with. See the following complied with: A D's: resealed nose landing gear actuator with new o-rings p/n's MS28775-110, -113, and -213, no further leaks noted. resealed right main landing gear actuator with new o-rings p/n's MS28775-110, and 113, no further leaks noted. replaced both magneto gaskets p/n 534750, no further leaks noted. replaced left heater hose with new scab tube. replaced #s 2, and 4, cylinder valve cover gaskets with new p/n 67193 with no leaks noted. c/w AD 11-26-04 external fuel injection line inspection with no defects noted. next due at 4214 77. c/w AD 76-07-12 ignition switch check with no defects noted. next due at 4214 77.

DATE 7/10/2015

SIGNED

David Vickers AP 3161731

Work Order: 6832-07-2015

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I CERTIFY THAT THIS AIRFRAME HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:

David Vickers
David Vickers, IA 3161731

DATE:

7-10-15

TTIS: 4114.77

TSMO: —

REG#

N56790

CLOSED
9/23/2015