



# AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. \_\_\_\_\_

Aircraft Mfg. Cessna Model 177RG Serial No. 177RG 0964

Engine Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Engine Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Propeller Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

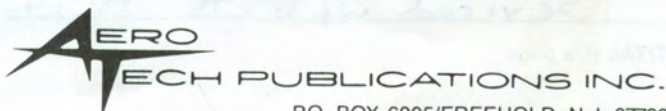
Blade Design No. \_\_\_\_\_ Blade Serial No's. \_\_\_\_\_

Propeller Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. \_\_\_\_\_ Blade Serial No's. \_\_\_\_\_

(All applicable information must be filled in)



P.O. BOX 6005/FREEHOLD, N.J. 07728  
(908) 462-5330

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			4068 BOOKS.
4/11/94	4181.7	4181.7	<p>C/W all items pertaining to a 100hr / Annual inspection per Cessna &amp; list. The following work was accomplished at this time: Calibrated EGT system per Manufacture's recommendations. Replaced 5 ea cowl shock mounts w/ new. Rebuilt nose gear hydraulic actuator. Replaced vacuum regulator &amp; central air filters w/ new. Replaced main wheel bearings and races (1 ea each main wheel) Repaired rivets and loose bolts in nose landing gear over center support. — END —</p> <p style="text-align: center;">I certify that this <u>Airframe</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an <u>AIRWORTHY</u> condition. RONALD W. MORCOM A &amp; P 535654064 IA <i>R. W. Morcom</i></p>
6/18/94	4190.9	4190.9	<p>Replaced all windows w/ new per Cessna 177RG. Maintenance Manual. Removed, Reconditioned and re-installed all interior plastic. Re-located radio master switch to lower sub-panel. Installed raised fuel cap kit P/N 5K177-4100. Repaired nose gear attach hardware. Installed new ELT battery P/N 00-10-009. Replacement date Sept. 96. Changed oil. Serviced w/ 8 qts A/S 100 SAE 50 wt oil.</p>

ARTEX AIRCRAFT SUPPLIES, INC.  
10714 S. Township Rd., Canby, OR 97013  
(503) 266-3969 800-547-8901

LOG BOOK ENTRY  
E.L.T. BATTERY REPLACEMENT DATE Sept. '96

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6/18/94	Cont.		Re-wired brow panel lights w/ new wiring. <i>ajm</i> ACP 35460683
08/16/94	4210.6	4210.6	Calibrated Compass, Determined Installed new compass correction <i>John H. Puckett</i> ACP 450087387-EMD
8/16/94	4210.6	4210.6	INTERIOR CABINETS + SIDE PANELS REPLACED w/NEW. ALL MATERIALS MET OR EXCEED FAR 25.853. — END — <i>R. Mor</i> ACP 535664064
8/31/94	4229.4	4229.4	Date: <u>7-1-94</u> Reg#: <u>34081</u> Tach: <u>4190.9</u> Airframe stripped of all paint. Surface corrosion removed. Aluminum etched and alodined. Aircraft primed and painted with the following products: Primer: _____ Base Coat: <u>MATTERHORN WHITE</u> Trim #1: <u>2142 JAY GRAY</u> Trim #2: <u>TR10121 COMMERCIAL BLUE</u> Trim #3: _____ All flight controls checked for balance tolerances per manufacturer's specifications. Aircraft inspected and returned to airworthy service. Signed: <i>R. Mor</i> A&P#: <u>535664064</u> I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO <u>20000</u> FEET ON — DATE OF ALT. TEST <u>7.8.94</u> DATE OF STATIC TEST <u>7.8.94</u> SIGNED <u>R. Mor</u> CERT. NO. IH6R613N CROWN AVIATION AVIONICS MEG KING MODEL <u>KT 76</u> S/N <u>27671</u> THE TRANSPONDER IDENTIFIED ABOVE WAS INSPECTED IN THE AIRCRAFT IN ACCORDANCE WITH FAR 43 APPENDIX F AS REQUIRED BY FAR 91.413 AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORK ORDER No. <u>3720</u> Date <u>7.8.94</u> Inspector <i>R. Mor</i> CROWN AVIATION AVIONICS FAA REPAIR STATION IH6R613N
			REPLACED TURN COORDINATOR. REPLACED DOOR SEALS. REPLACED NOSE GEAR DOOR RUBBER GROMMET. REPLACED COWL FASTENERS. REPLACED RT DOOR HANDLE. INSTALLED STAB. BOOTS. REPLACED FLAP CIRCUIT BREAKER. REWEIGHTED A/C. REPLACED MAIN TIRES. REPLACED L. MAIN BRAKE DISC L. LININGS. REPLACED COWL FLAP CABLE. REPLACED ONE SPINNER BULKHEAD (EAR. END). <i>R. Mor</i> ACP 535664064

COMPASS DEVIATION N. 74081 DATE 08/16/94

FOR STEER		FOR STEER		FOR STEER	
N	N	120	120	240	239
.030	030	150	150	W	270
060	060	S	S	300	302
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
09/02/94	4235.9	4235.9	Replaced All Brake Pads w/new & safetied. wore in new pads w/ground run. Ops. Test satisfactory. John H. Puchett ASP450087387
10/11/94	4280.4	4280.4	ROUTINE 100 HOUR INSPECTION SERVICES BRAKES, REPLACED TWO BOLTS IN LOG. GEAR ACTUATOR BRACE, REPLACED TINNERMAN NUT IN LEFT WING OUTBOARD INSPECTION PANEL, REPLACED LEFT WING SUMP DRAIN. W NEW UNIT. I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED TACW. ACESSAK MM AND FAK 43 APP AND DETERMINED TO BE IN AN AIR WORTHY CONDITION. John H. Puchett ASP450087387 END
10/17/94	4287.5	4287.5	Replaced Left Door upper & lower Hinge-Pins w/new. — END — John H. Puchett ASP450087387
10/18/94	4287.5	4287.5	Replaced Induction Air Filter Element w/new. John H. Puchett ASP450087387
11/7/94	4301.14	4301.14	INSTALLED OVERHAULED <del>FORM</del> RATE 64 RD P/M G-300A S/N 1-767-1273 OPS CHECKED OK. John H. Puchett ASP450087387
11/10/94	4317.3	4317.3	REPLACED STARTER WITH REBUILT UNIT OPERATION SATISFACTORY John H. Puchett ASP450087387

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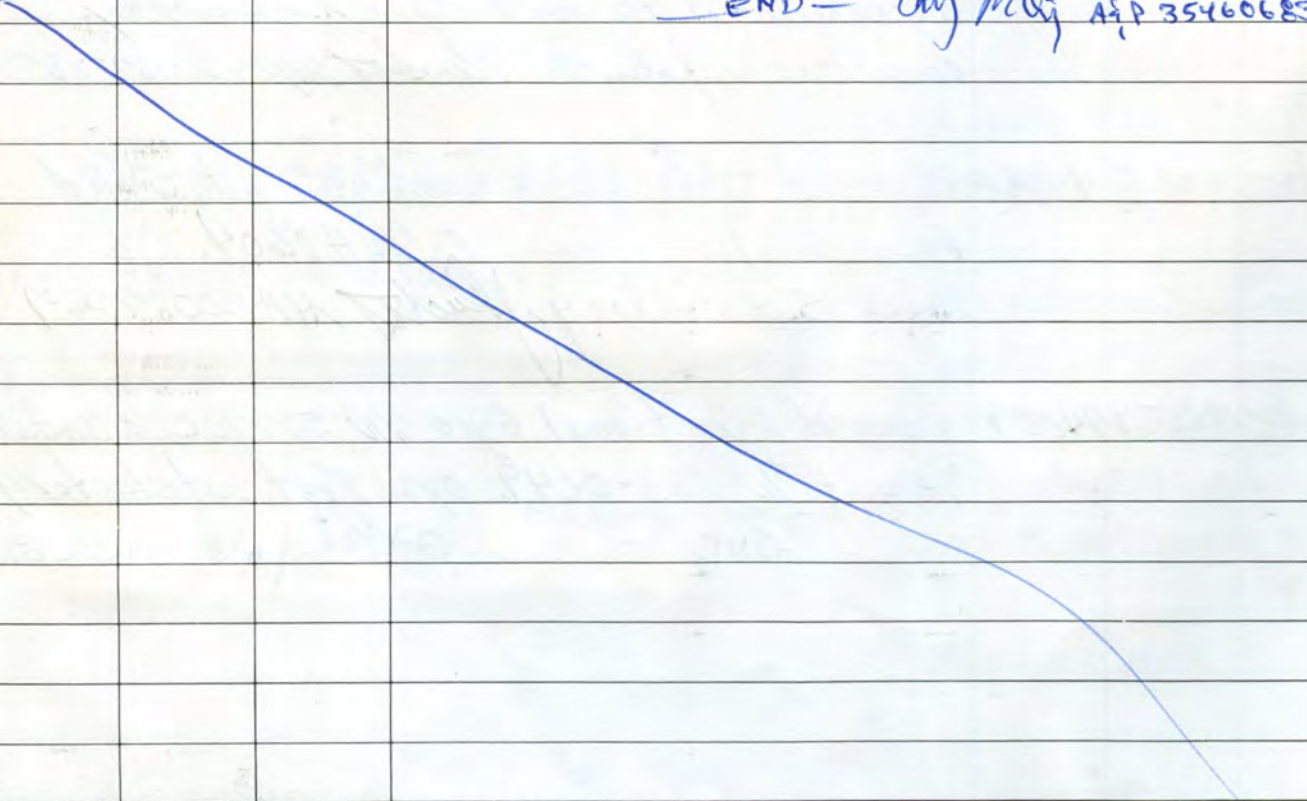
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11/14/94	4317.3	4317.3	REPLACED LAND LIGHT / TAXI LIGHT SWITCH OPERATION SATISFACTORY. <i>[Signature]</i> APP450087387
12/09/94	4329.1	4329.1	Installed E-Z Heat Engine Heater Per Manufacturer's Instructions. <i>[Signature]</i> APP450087387
1/09/95	4382.2	4382.2	ROUTINE 100 HOUR INSPECTION SERVICES BATTERY, BRAKES, & HYDRAULIC RESERVOIR. REPLACED MIC HOLDER. REPAIRED MAIN GEAR ACTUATOR BRACKET LEFT & RIGHT SIDE OPS CHECKED OK, REPLACED GASCOLATOR. "O" RING I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IAW A 100HR INSP. PER CESSNA SERVICE MANUAL AND FAR 43 APP D AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> APP450087387.
02/01/95	4408.0	4408.0	Replaced Taxi Light & Landing Light Sealed Beam Lamps w/new. GE P/N H7604. Ops check Satisfactory. <i>[Signature]</i> APP450087387
02/20/95	4425.9	4425.9	Removed Directional Gyro S/N 51770C & Installed O/H unit S/N A83-0249. Ops. Test satisfactory. — END — <i>[Signature]</i> APP 35460683

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3/16/95	4449.0	4449.0	Adjusted landing gear warning horn micro-switch per 177RG Maintenance Manual. Ops. / satisfactory. Replaced LH cowling flap hinge w/ new. — END — AJM AIP 35460683
03/21/95	4452.5	4452.5	Installed new ACS Ignition Switch, Cessna P/N C292501-0106 & Diode P/N 0770783-2 per requirement of AP 93-5-6. Ops check Satisfactory — END — AJM AIP 35460683
03/28/95	4464.0	4464.0	Replaced strobe/Beacon with new. Whelen P/N A490, T, DF-14. Ops. check satisfactory. — END — AJM AIP 35460683
			


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4/21/95	4480.0	4480.0	<p>Routine 100hr inspection. Installed RH door panel after repair. Drilled new drain holes in belly center section. Treated corrosion in R wing outboard bay. Secured wiring under co-pilots panel. Replaced lower inboard engine mount support bracket PIN 2013007-1 w/new. Replaced fuel nose gear actuator hose w/new. Gear cycled and serviced. Resecured pilots door seal. Installed repaired #2 riser &amp; RH muffler (see yellow tags this date.) Installed 2 new aft seat steps PIN 0511242-1. Replaced hydraulic power pack motor brushes and turned motor commutator. Gear cycled and serviced. I certify that this airframe has been inspected in accordance with a 100 hr inspection per FAR 43 app D and was determined to be in airworthy condition. END—</p> <p style="text-align: right;">AWM AEP 35460603</p>
11/21/95	4480.0	4480.0	<p>ANNUAL INSPECTION PER FAR 43 APPENDIX D.</p> <p style="text-align: center;">— (N) —</p> <p style="text-align: right;">                     I certify that this <u>AIRFRAME</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an <u>INSPECTION</u> condition.                      RONALD W. MORCOM A &amp; P 535654064 IA  <i>Ronald W. Morcom</i> </p>

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05/08/95	4501.3	4501.3	Replaced Alternator w/new, P/N D0FF10300J, S/WA-98030. Replaced Regulator w/servicable unit, P/N C611001-0201. Ops. Test run-up satisfactory, K. Mok APP535664064
06/12/95	4564.1	4564.1	Replaced left main tire w/used servicable. BND — <i>[Signature]</i> APP 38460683 ACCOMPLISHED 100HR INSPECTION; REPLACED STABILATOR
06/28/95	4588.2	4588.2	BEARINGS & BUSHINGS, REMOVED CORROSION AFFECTED HINGE AREA. REPLACED NOSE GEAR LINKAGES, BRACKETS, AND HARDWARE w/NEW. NOSE GEAR DOORS CYCLED & RIGID. RETRACTION TEST SATISFACTORY. MAIN GEAR RETRACT PIVOT LUBED. SERVICE GEAR HYDRAULICS, BRAKE HYDRAULICS. IDENTIFY THIS AIRFRAME TO HAVE BEEN INSPECTED I.A.W. FAR 43 APP D 100HR CRITERIA, AND DETERMINED AIRWORTHY. <i>[Signature]</i> APP 5847322
07/05/95	4598.2	4598.2	Removed Horizon Gyro & Installed #4 Gyro S/N 60239F. Ops. Ground Run-up test satisfactory. <i>[Signature]</i> APP 5847322
07/28/95	4641.7	4641.7	Replaced Landing Gear Down Indicator-Light Assembly w/new. Operational test satisfactory. <i>[Signature]</i> APP 5847322

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8/24/95	4657.5	4657.5	Replaced nose-gear downlock indicator switch w/new. Cessna PN 2070029-1. Performed gear retraction test. Ops check satisfactory. — (M) — R. Mor AP535664064
9/5/95		4668.6	Re-adjusted gear down indicator switch. Re-built nose gear actuator using new packing o-ring. Re-rigged <sup>nose</sup> gear per Cessna 177RG Maintenance Manual. Ops & leak check satisfactory. END — R. Mor AP535664064
9/15/95	4679.9	4679.9	100HZ INSPECTION — REPLACED <sup>FWD</sup> NOSE GEAR DOOR LINKAGE WORKS & RUBBER GROMMET, RIGGED POOR & SWUNG DAWING GEAR. LUBRICATED MAIN GEAR PIVOT & ACTUATOR, & NOSE GEAR STEERING & RETRACT LINKAGES. <sup>INSTALLED NEW</sup> REPLACED HOBBS SWITCH # 76575-4 & DATON HOUR METER # 102033 SERVICED BRAKES. RETRACTED GEAR FOR INSPECTION & NOSE GEAR DOOR RIGGING SERVICED GEAR HYDRAULIC FLUID. I CERTIFY THIS AIRFRAME TO <del>BE</del> HAVE BEEN INSPECTED IAW FAR 43 APP D AND DETERMINED AIRWORTHY. <del>FR J. J. J. # 535847322</del>

10-20-95 Tach 4698.9 N34081

Replaced left main tire, tube, and wheel center hub. Installed original wheel bearings and races into serviceable hub supplied by owner. Repacked wheel bearings.  
Replaced left main brake linings.

Brian & Barth AP472784553


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	4698.9		TOTAL brought forward from previous page
11-16-95	4720.1	4720.1	INSTALLED AMEREX #352 / HALON 1011 FIRE EXTINGUISHER. UPDATED WEIGHT/BALANCE SUMMARY, AND EQUIPMENT LIST. For "Doc" AP 535847362.
2-14-96	4771.9	4771.9	100 HR JNSP PER FAR Part 43 appendix D. Check & Lubricate all pulleys, hinges, chains. Check all flight controls. Installed new gear warning horn switch on throttle & set rigging in accordance with service manual. Replace rivets in left cowl flap. Check Landing gear operation and emergency extension. Comply with AD 87-20-3 Rev 2 by inspection of seats and seat rails. Due again in 100 HRS. I certify this Airframe has been inspected in accordance with a 100 HR inspection and was determined to be Airworthy. <i>John Smith</i> AP 159403325
3-4-96	4794.8	4794.8	1) Replaced RT main tire. 2) Replaced RT brake linings. <i>Brian Smith</i> AP 472784553

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4-12-96	4871.9	4871.9	1) Completed annual inspection IAW FAR43, App D. 2) C/w AD 87-20-03R2, 93-02-05. 3) Removed #2 VOR head for repair. 4) Replaced instrument filters. 5) C/w annual insp. of ELT "G" switch. 6) Replaced left cabin heat SCAT tube. 7) Replaced left upper cowl mount. 8) Replaced bushing in nose gear door hinge. 9) Repaired lower cowl nose bowl w/ fiberglass. 10) Resealed and serviced shimmy dampner. 11) Resealed RT main gear downlock actuator. 12) Repaired crack in RT flap leading edge by patching. 13) Installed bushings on pilot's rudder pedal brake attach. 14) Removed auto-pilot for repair.
<b>Airborne</b> <b>Air Filter Change Reminder</b> Changed at: <u>4871.9</u> Hrs.    Next Change: <u>5371.9</u> Hrs. <u>4-12-96</u> Date 			
			<p style="text-align: center;">Date <u>4-12-96</u> TT <u>4871.9</u>            I certify that this aircraft/engines has been inspected in accordance will <del>FAA</del> annual inspection and was determined to be in an airworthy condition.            Sign: <u>Brian &amp; Faith</u> # <u>AP472784553IA</u></p>
4-16-96	4883.3	4883.3	1) Replaced Terra Tri-nav #2 VOR head with King KI-208 indicator. work done IAW installation instructions and wiring diagram. This installation considered a minor alteration IAW FAA 8300.10. Weight and balance change negligible. Brian & Faith AP472784553

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6-7-96	4972.1	4972.1	1) Completed 100 hour insp. I/A/W FAR 43, App. D. 2) C/w A.D. 87-20-03R2, 93-02-05. 3) Prop removed and reinstalled after repair. See MX release tag.  Date <u>6-7-96</u> TT <u>4972.1</u> I certify that this aircraft/engine has been inspected in accordance with a <b>100 hr/annual inspection</b> and was determined to be in an <b>airworthy condition</b> . Sign. <u>Brian Burt</u> # <u>AP4278453</u>
I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO <u>20,000</u> FEET ON — DATE OF ALT. TEST <u>6/20/96</u> DATE OF STATIC TEST <u>6/20/96</u> SIGNED <u>Craig R. Kelly</u> CERT. NO. IH6R613N CROWN AVIATION AVIONICS			MFG <u>King</u> MODEL <u>KT 75</u> S/N <u>27621</u> THE TRANSPONDER IDENTIFIED ABOVE WAS INSPECTED IN THE AIRCRAFT IN ACCORDANCE WITH FAR 43 APPENDIX F AS REQUIRED BY FAR 91.413 AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORK ORDER No. <u>15965</u> Date <u>6/20/96</u> Inspector <u>Craig R. Kelly</u> CROWN AVIATION AVIONICS FAA REPAIR STATION IH6R613N
6-27-96	4999.4	4999.4	Installed Comant Classic External GPS antenna. P/N 405-30C. Bryon Neff AP501786955
7-24-96	5061.7	5061.7	Removed tail tie down. Installed new tail tie down P/N 0541115-5 Bryon Neff AP501786955
8-2-96	5074.6	5074.6	1) Completed 100hr Inspection I.A.W. F.A.R. 43 App. D 2) C/w A.D. # 87-20-03, 93-02-05 3) Installed new stop for hand pump extension of main gear 4) Installed both inboard, outboard right hand brake linings 5) Installed serviceable hubcap for left main 6) Installed new uplock spring for left main 7) Retorqued nose gear attach bolts. continued
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8-2-96	5074.6	5074.6	8) Installed new elevator trim tab hinge on the right outboard end. I certify that this <u>Airframe</u> has been inspected in accordance with a <u>100 hr</u> inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. <u>Bryon Neff</u> # <u>AP501786955</u>
09/05/96	5147.6	5147.6	Installed Newly OHC Hydraulic Power Pack, Aero Electric P/N 105932-E, S/N AH-4565. Landing Gear Ground Cycle & Flight test Satisfactory. Replaced Power-Pack Solenoid w/ new, Cessna P/N 52103 A1. Bryon Neff AP 501786955
9-16-96	5168.1	5168.1	Replaced ELT battery Next Due 10-98 P/N00-10-00. 2) "6" switch test/inspection OK. <u>Bruce &amp; Faith</u> AP47284553
9-18-96	5168.1	5168.1	1) w/ AD 87-20-0382, 93-02-05. 2) Replaced altimeter. Static system tested for leaks. 3) Replaced bushings in fwd nose gear door. 4) Replaced left cowl flap hinge. 5) Replaced left brake pads. I certify that this <u>aircraft</u> has been inspected in accordance with a <u>100 hour</u> inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. <u>Bruce &amp; Faith</u> # <u>AP47284553</u>


 ARTEX AIRCRAFT SUPPLIES, INC.  
 10714 S. Township Rd. Canby, OR 97013  
 (503) 266-3959 800-547-8901  
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10-7-96	5224.2	5224.2	1) Replaced right main tire & tube. Brian & Barth AP472784553
			I certify that this aircraft has been inspected in accordance with a 20 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. Brian & Barth # AP472784553
11-6-96	5230.5	5230.5	1) Replaced alternator. Removed P/N DOFF10300J S/N A 98030. Installed P/N DOFF10300J S/N A 113055. Charging system test normal. Brian & Barth AP472784553
			I certify that this aircraft has been inspected in accordance with a 20 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. Brian & Barth # AP472784553
12-29-96	5269.1	5269.1	1) C/W AD 87-20-03R2, 93-02-05. 2) Repaired lower cowl fiberglass nose bowl. 3) Replaced dome light bulb. 4) Replaced teflon bushings in nose gear door hinges. 5) Replaced fuel selector placard. 6) Serviced nose gear strut with nitrogen.  I certify that this aircraft has been inspected in accordance with a 20 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. Brian & Barth # AP472784553
			I certify that this aircraft has been inspected in accordance with a 20 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. Brian & Barth # AP472784553
03-19-97	5353.6	5353.6	Removed & Replaced EGT Combustion Analyzer Probe w/new. Akor P/N 86255. Ops. Run-up check satisfactory. Brian & Barth ADP516807209
			I certify that this aircraft has been inspected in accordance with a 20 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. Brian & Barth # ADP516807209
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3-29-97	5367.9	5367.9	1) C/w AD 87-20-03R2, 93-02-05.
			2) Replaced instrument air filters.
			3) Replaced dome light socket.
			4) Replaced fwd nose gear door left hinge and all bushings.
			5) Replaced left & right nose gear door hinges. Repaired doors.
			6) Replaced <sup>nose gear</sup> door actuator eyebolts and shimmed linkages.
			7) Replaced bearings, bushings, and bolts in left & right stabilator hinge points. Rekeyed all points and checked rigging.
			8) Replaced air filter element and gasket.
			9) Replaced several loose rivets on upper cowl and secured fasteners
			10) Replaced nose tire, tube, bearings, and rares.
			11) Replaced left main tire.
			12) Replaced o-ring in left brake caliper and bled brakes.
			13) Replaced left inner brake lining.
			14) Installed Wilke button on RT wing flap bolt access.
			15) Inspected and tested ELT per FAR 91.207. No Defects.
			<p>I certify that this <u>aircraft</u> has been inspected in accordance with an <u>annual</u> inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.            Sign. <u>Brian &amp; Barth</u> # <u>AP472784553JA</u></p>
4-18-97	5399.1	5399.1	1) Replaced spinner with used serviceable assembly after inspection. <u>Brian &amp; Barth AP472784553</u>
05-16-97	5438.6	5438.6	Replaced Hydraulic Power-Pack with overhauled unit, Aero-Electric PW 105932-E, S/N AH4565. See Attached Form 8130-3. Ground Cycle test Satisfactory. <u>Brian &amp; Barth</u> # <u>AP516807209</u>

**Airborne**  
 Air Filter Change Reminder  
 Changed at: 5367.9 Hrs. Next Change: 5867.9 Hrs.  
 3-27-97 Date  


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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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06-02-97	5465.1	5465.1	Removed Rate Gyro S/N 1-767-1273, & Installed 9/4 Rate Gyro model G-300A, S/N 8605-168. Ops test Satisfactory. <i>Jason D. Watts</i> #AP516807209
6-12-97	5478.0	5478.0	<ol style="list-style-type: none"> <li>1) C/w AD 87-20-03R2, 93-02-05, 96-12-07.</li> <li>2) Painted spinner.</li> <li>3) Repaired wire mount tab on lower cowl.</li> <li>4) Replaced several cowl fasteners.</li> <li>5) Replaced six rubber cowl mounts.</li> <li>6) Adjusted cowl flap linkages.</li> <li>7) Replaced left outer brake pad.</li> </ol> <p>I certify that this <u>aircraft</u> has been inspected in accordance with a <u>100 hour</u> inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. <u><i>Brian &amp; Barth</i></u> # <u>AP472784553</u></p>
07-08-97	5524.7	5524.7	Replaced Landing Light Sealed Beam w/new. #N6E4509. <i>Jason D. Watts</i> #AP516807209
8-23-97	5608.1	5608.1	1) Governor overhauled and installed with new engine. <i>Brian &amp; Barth</i> #AP472784553

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FOR	N	30	60	E	120	150
STEER	N	30	60	89	119	150
FOR	S	210	240	W	300	330
STEER	S	208	239	W	302	333
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OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	1 RE	TC
8-23-97	5608.1	5608.1	<p>1) c/w AD 87-20-03R2, 93-02-05, 96-12-07.</p> <p>2) Replaced engine with factory Overhauled IO-360-AB6D, s/n L-19921-51A.</p> <p>3) Replaced propeller with new McCauley B3D36C428, I/A/w STCSA477CH.</p> <p>4) Replaced engine mounts, bolts and hardware.</p> <p>5) Replaced air filter assembly.</p> <p>6) Replaced all flexible fuel and oil hoses.</p> <p>7) Replaced cabin heat SCAT tubing.</p> <p>8) Removed two KX170B Nav/Coms and one KR85 ADF, one KN61 DME, and one Century II Autopilot. Installed dual KX155 Nav/Coms with new CDIs and one KR-87 ADF. Minor alteration I/A/w AC8300.10.</p> <p>9) Repaired MOLEX pin on stall warning control unit.</p> <p>10) Removed corrosion, primed, and painted several spots on lower surface of flaps and Rt aileron.</p> <p>I certify that this aircraft has been inspected in accordance with a 100 hour/ANNUAL inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. <u>Brian &amp; Faith</u> # AP4727845531A</p>
06-10-98	6092.1	6092.1	<p>Replaced inoperative left fuel quantity transmitter with new/tested unit. Assn part # C66002-0101. ops. test &amp; leak check satisfactory. — end — Sign. <u>Dwight</u> #AP576807209</p>

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
10-9-97	5709.4	5709.4	1) c/w AD 87-20-0322, 93-02-05. 2) Replaced oil temp gauge with SK177-54. 3) Replaced gear warning horn throttle cam and adjusted. 4) Repaired EGT lead covering and secured bundle. 5) Replaced o-ring in right brake caliper. 6) Replaced right brake linings and rebed brake. 7) Repaired stall warning vane mounting bracket. 8) Replaced landing light bulb. 9) Replaced seat roller washers on pilot's seat left rear. I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, App.D. and was determined to be in an airworthy condition. <u>Brian &amp; Burt AP472784553</u>
12-9-97	5805.8	5805.8	1) c/w AD 87-20-0322, 93-02-05. 2) Replaced ELT antenna. 3) Replaced instrument filters. 4) Repaired and secured roll pins in pilot's seat. I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition. Sign. <u>Brian &amp; Burt # AP472784553</u>
01-06-98	5825.2	5825.2	Removed inop. Alternator S/N A113055 & Installed Alternator 9/4 By Aero Electric. P/N Poff103005, S/N A124260. Run-up Test Satisfactory. <u>End</u> <u>Joe P. White AP516807209</u>

**Airborne**  
 Air Filter Change Reminder  
 Changed at: 5805.8 Hrs. Next Change: 6305.8 Hrs.  
 12-9-97 Date  


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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
3-6-98	5904.2	5904.2	<p>CHECK AND LUBRICATE ALL PULLEYS, HINGES, CHAINS. CHECK ALL FLIGHT CONTROLS, REPAIRED PILOT SEAT MECHANISM TO RAISE + LOWER SEAT. COMPLY WITH AD 87-20-3 BY INSPECTION OF SEATS AND SEAT RAILS. DUE AGAIN IN 100 HRS. COMPLETE LIST OF AD'S IN BACK OF LOG. I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AS PER FAR PART 43 APPENDIX D AND WAS DETERMINED TO BE AIRWORTHY.</p> <p style="text-align: right;"><i>John J. Sherry</i> A4P 159403323</p>
3-17-98	5917.1	5917.1	<p>REMOVE PILOTS DOOR AND INSTALL BUSHING IN LOWER PORTION OF UPPER HINGE. SHIM LOWER HINGE, REINSTALL DOOR WITH NEW HINGE PINS. INSTALL NEW INSTRUMENT VACUUM FILTER. INSTALL BONDING STRAPS ON CONTROL SURFACES USING 177RG SERVICE MANUAL AND PARTS CATALOG AS A GUIDE.</p> <p style="text-align: right;"><i>John J. Sherry</i> A4P 159403323</p>
4/26/98	5996.2	5996.2	<p>REPLACED RT MAIN TIRES WITH NEW GOODYEAR FS 15x600x6. R.M. - A4P 535664064</p>

### Airborne

#### Air Filter Change Reminder

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5917.1 Hrs.      6417.1 Hrs.

3-16-98 Date



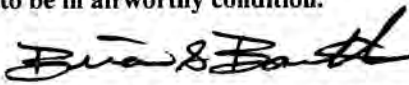

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5-6-98	N34081	Tach 6018.6 TT 6018.6	<p>1. C/W ADs 87-20-03R2 and 93-02-05.                      2. Repaired left brake line, replaced fittings, replaced mounting bracket and bled brake.                      3. Replaced jam nut on main gear actuator rod end.                      4. Replaced pilot's left seat rail.                      5. ELT inspected per FAR 91.207, no defects noted.                      6. Replaced several loose rivets on lower cowling.                      7. Replaced two rubber cowl mounts.                      8. Resecured door gaskets.                      9. Stop-drilled and repaired crack on left stabilator tip.                      10. Repaired pilot's seat adjuster collar by replacing roll pin.                      11. Replaced stabilator trim tab right outer hinge.</p> <p>I certify that this aircraft has been inspected in accordance with an annual inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.</p> <p>Regal Air                      10217 31st Ave W, C51C                      Paine Field                      Everett, WA 98034</p> <p style="text-align: right;"><i>Brian S. Barth</i>                      Brian S. Barth AP4727845531A</p>
05-22-98	6038.8	6038.8	<p>Replaced left and right Brake Discs w/row, Cleveland Part # 164-30440. <i>See 2. with A&amp;P 516807209</i></p>
<p>I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO <u>20000</u> FEET ON — DATE OF ALT. TEST <u>6.12.98</u> DATE OF STATIC TEST <u>6.12.98</u></p> <p>SIGNED <u><i>Tom Leman</i></u> CERT. NO. IH6R613N                      CROWN AVIATION AVIONICS <i>See "AVIONICS" FOR REST OF IFR CERT.</i></p>			
6-21-98	6110.6	6110.6	<p>1) Replaced left main tire. <i>Brian S. Barth AP472784553</i></p>
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
7-2-98	N34081	Tach 6132.5 TT 6132.5	<ol style="list-style-type: none"> <li>1. C/W ADs 87-20-03R2.</li> <li>2. ELT inspected per FAR 91.207, no defects noted.</li> <li>3. Repaired lower left cowl mount bracket.</li> <li>4. Replaced right eyebrow light.</li> <li>5. Replaced securing clips on several cowl fasteners.</li> <li>6. Secured interior plastic strips by vent windows.</li> </ol> <p>I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.</p> <p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field Everett, WA 98204</p> <div style="text-align: right;">             Brian S. Barth      AP472784553         </div>
8-5-98	N34081	Tach 6216.7 TT 6216.7	<ol style="list-style-type: none"> <li>1. C/W AD 87-20-03R2.</li> <li>2. ELT inspected per FAR 91.207, no defects noted.</li> <li>3. Replaced main gear actuator pivot pin part number 2041020-2.</li> <li>4. Repaired main gear actuator support assembly and repainted.</li> <li>5. Replaced alternate air door and hinge assembly.</li> <li>6. Replaced teflon bushings on nose gear fwd door hinge points.</li> <li>7. Replaced nose gear fwd door actuator rod attach grommet.</li> <li>8. Repaired crack in fwd nose gear door by patching.</li> </ol> <p>I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.</p> <p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field Everett, WA 98204</p> <div style="text-align: right;">             Brian S. Barth      AP472784553         </div>

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
9-29-98	N34081	Tach 6319.8 TT 6319.8	
<ol style="list-style-type: none"> <li>1. C/W AD 87-20-03R2, 93-02-05.</li> <li>2. ELT inspected per FAR 91.207, no defects noted.</li> <li>3. Replaced one cowl mount.</li> <li>4. Shimmed and tightened nose gear center torque link.</li> <li>5. Replaced fuel selector warning placard.</li> <li>6. Repaired wiring on nose gear lock switch. Gear retraction test normal.</li> </ol>			
<p>I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.</p>			
<p><b>Regal Air</b>  <b>10217 31st Ave W, C51C</b>  <b>Paine Field</b>  <b>Everett, WA 98204</b></p>			<p style="text-align: right;"><i>Brian S. Barth</i>            Brian S. Barth      AP472784553</p>
10-20-98	6373.3	6373.3	1) Replaced Directional Gyro with new Sigma-Tek unit s/n T50807K, P/N 14262-001-39. Ground check normal. <i>Brian S. Barth</i> AP472784553
10-22-98	<sup>77.2</sup> <del>6378.5</del>	<sup>77.2</sup> <del>6378.5</del>	1) Replaced ELT Battery P/n 00-10-009. Next due 11-2000. 2) "G" switch test/inspection OK per FAR 91.207. <i>Brian S. Barth</i> AP472784553



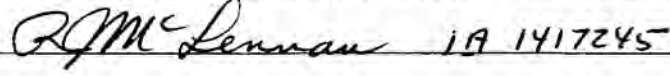
**ARTEX AIRCRAFT SUPPLIES, INC.**  
 10714 S. Township Rd., Canby, OR 97013  
 (503) 266-3959 800-547-8901

LOG BOOK ENTRY 10-22-98

ELT BATTERY REPLACEMENT DATE 11-00


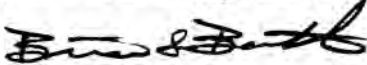

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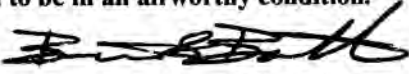
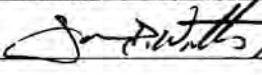
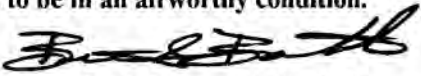
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			<b>Airborne</b>
12-04-98	N34081	Tach 6417.3 TT 6417.3	<b>Air Filter Change Reminder</b> Changed at: <u>6417.3</u> Hrs. Next Change: <u>6917.3</u> Hrs. <u>12-4-98</u> Date 
1. C/W AD 87-20-03R2, 93-02-05, 93-05-06. 2. ELT inspected per FAR 91.207, no defects noted. 3. Replaced one cowl mount. 4. Rerigged nose gear tensions. Up tension: 16.5lbs, Down tension: 17.5lbs. 5. Replaced throttle cable with new Cessna control. 6. Replaced instrument filters, next due 6917.3. 7. Replaced air filter element.			
I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.			
<b>Regal Air</b> 10217 31st Ave W, C51C Paine Field Everett, WA 98204			 Brian S. Barth AP472784553
2.1.99	TACH 6446.7	COMPLETED THE FOLLOWING REPAIRS AFTER A WHEELS UP LANDING:	
1. DIAL CRANKSHAFT. LESS THAN .001" RUNOUT			
2. C/W AD 91-14-22 INSPECTED CRANK GEAR, REPLACED BOLT AND LOCK TAB WASHER			
3. INSTALLED NEW MCCAULEY 85D36C428 S/N 983658 PROPELLOR			
4. REPLACED DAMAGED BELLY SKINS WITH CESSNA P/N 2011000-7 & P/N 2012068-1			
5. REPLACED ADF LOOP ANTENNA, MKR OCN ANTENNA, TRANSPONDER ANTENNA			
6. REPLACED RH MUFFLER ASSEMBLY			
7. REPLACED AFT FACING BELLY VENT BEHIND GEAR.			
8. AFTER REINSTALLING REMOVED EQUIPMENT, BLEED BRAKES, CONDUCTED A COMPLETE GEAR SYSTEM CYCLES AND EMERGENCY EXTENSION.			
9. REPLACED SHAFT BEARINGS IN DUKE'S BOOST PUMP.			
10. TUNED MKR BEACON ANTENNA FOR BEST SENSITIVITY.			
APPROVED FOR RETURN TO SERVICE.			
 IA 1417245			


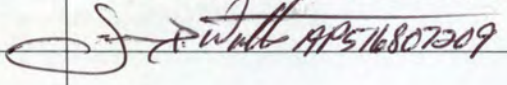

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
4-6-99	N34081	Tach 6519.6 TT 6519.6	<ol style="list-style-type: none"> <li>1. C/W AD 87-20-03R2, 93-02-05.</li> <li>2. ELT inspected per FAR 91.207, no defects noted.</li> <li>3. Replaced right outer brake lining.</li> <li>4. Repaired glare shield on left lower attach.</li> <li>5. Replaced 3 roll pins on pilot's seat and secured.</li> <li>6. Installed 3 pin connector plug on landing light wires at firewall.</li> </ol> <p>I certify that this aircraft has been inspected in accordance with an annual inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.</p> <p>Regal Air 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p> <p><i>Brian S. Barth</i> Brian S. Barth AP472784553IA</p>
4-9-99	6520.7	6520.7	<p>Removed throttle control &amp; replaced with new control, Cessna P/N C299505-0401. Ops test satisfactory. <i>Brian S. Barth</i> AP576807209</p>
4-14-99	6531.1	6531.1	<p>1) Replaced ELT antenna with new. <i>Brian S. Barth</i> AP472784553</p>
4-27-99	N34081	Tach 6570.5 TT 6570.5	<ol style="list-style-type: none"> <li>1. Installed new fuel reservoir tank drain control cable. Ops. check shows normal operation.</li> </ol> <p>Regal Air 10217 31st Ave W, C51C Paine Field Everett, WA 98204</p> <p><i>Brian S. Barth</i> Brian S. Barth AP472784553</p>
			<p><b>SUB-TOTAL</b> this page</p> <p><b>TOTAL</b>—Carry forward to next page</p>

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<b>TOTAL</b> brought forward from previous page
5-11-99	N34081	Tach 6601.6 TT 6601.6	<p>1. Installed new bearing plate on the right cabin door inside handle assembly. Ops. check shows normal operation.</p> <p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field Everett, WA 98204</p> <p> Brian S. Barth AP472784553</p>
5-21-99	N34081	Tach 6620.7 TT 6620.7	<p>1. C/W AD 87-20-03R2 by visual inspection and measurement. 2. ELT inspected per FAR 91.207, no defects noted. 3. Replaced starter solenoid. 4. Replaced left brake caliper with serviceable part. Replaced o-ring on piston and bled brake. 5. Replaced o-ring in right brake caliper and bled brake. 6. Replaced right inner brake lining.</p> <p><b>I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.</b></p> <p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p> <p> Brian S. Barth AP472784553IA</p>
7-1-99	N34081	Tach 6721.6 TT 6721.6	<p>1. C/W AD 87-20-03R2 by visual inspection and measurement. C/W AD 93-05-06 by visual insp. 2. ELT inspected per FAR 91.207, no defects noted. 3. Installed Precise Flight pulselight model 1210 I/A/W STCSA4005NM. 4. Replaced left brake linings. 5. Installed P/N MS3112E-12-3S power plug for Forest Service radio equipment in lower center console. 6. Installed Rosen sun visors in accordance with STC SA4964NM. 7. Replaced left door handle. 8. Replaced landing light bulb.</p> <p><b>I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.</b></p> <p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p> <p> Brian S. Barth AP472784553IA</p>

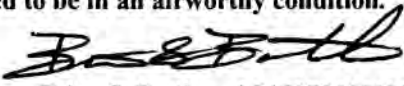
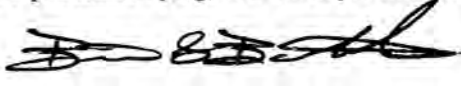
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
7-29-99	N34081	Tach 6823.7 TT 6823.7	<ol style="list-style-type: none"> <li>1. C/W AD 87-20-03R2 by visual inspection and measurement.</li> <li>2. ELT inspected per FAR 91.No defects noted.</li> <li>3. Installed new instrument filter.</li> <li>4. Serviced brake actuators and power pack.</li> </ol>
<p>I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.</p>			
<p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p>			<p><i>John K. Ehrgood</i> John K. Ehrgood AP189466848</p>
7-29-99	6823.7	6823.7	<p>Replaced taxi light sealed beam w/new. GE P/N 4509. Removed run-out Alternator S/N A124260, and installed Aero-Electric, Inc Newly overhauled Alternator, S/N A141346. Replaced nose gear door control red Bremnet w/new. Replaced 1 South-co fastener in lower cowl. Replaced 2 rubber cowl mounts w/new. Replaced Propeller Governor control w/new. Cessna P/N C299506-0105. <i>S. J. Walth AP516807209</i></p>
8-09-99	6845.2	6845.2	<p>Replaced landing light sealed beam w/new. GE part # 4509. <i>S. J. Walth AP516807209</i></p>
9-2-99	N34081	Tach 6885.1 TT 6885.1	<ol style="list-style-type: none"> <li>1. Replaced all o-ring seals in left main gear down lock actuator, cycled gear numerous times per Cessna service manual to bleed system of air.</li> <li>2. Adjusted both main gear down locks to .010" per Cessna service manual.</li> </ol> <p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p> <p><i>Brian S. Barth</i> Brian S. Barth AP472784553</p>

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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9-20-99	N34081	Tach 6925.9 TT 6925.9	<ol style="list-style-type: none"> <li>1. C/W AD 87-20-03R2, 93-02-05, and 96-12-07.</li> <li>2. Replaced right outer brake lining.</li> <li>3. Replaced two rubber cowl mounts.</li> <li>4. Replaced nose gear center door arm grommet.</li> <li>5. Retorqued and keyed stabilator hinge bolts.</li> <li>6. Replaced and torqued nose gear actuator bracket aft attach bolts.</li> </ol> <p>I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.</p> <p>Regal Air 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p> <p style="text-align: right;"> Brian S. Barth AP472784553</p>
12-09-99	7014.0	7014.0	<p>Removed inoperative directional gyro S/N T50807K, &amp; installed newly overhauled Sime-Tek directional gyro model #4000B-30, S/N 19266E. See FAA Form 8130-3 Maint. release. Ground operational test satisfactory.  #516807209</p>
12-21-99	N34081	Tach 7022.7 TT 7022.7	<ol style="list-style-type: none"> <li>1. C/W AD 87-20-03R2, 93-02-05.</li> <li>2. Replaced light bulb in eyebrow panel L/H side</li> <li>3. Replaced R/H wing tiedown spring.</li> <li>4. Resealed front window with PRC sealant.</li> <li>5. Replaced R/H inner brake pad.</li> <li>6. Removed and rotated right main tire.</li> <li>7. Removed and replaced Pilot left and right rudder pedals with serviceable pedals.</li> <li>8. Re-secured L/H door gasket.</li> <li>9. Replaced nose gear lock pad and verified for proper rigging and tensions on up and down lock.</li> <li>10. Re-torqued Main Landing Gear pivot nuts.</li> <li>11. Replaced nose gear forward door stop tab buttons.</li> <li>12. Replaced nose wheel tire.</li> <li>13. Cleaned and repainted nose wheel hubcaps.</li> </ol> <p>I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.</p> <p>Regal Air 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p> <p style="text-align: right;"> Brian S. Barth AP472784553</p>
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01-11-00	N34081	Tach 7031.1 TT 7031.1	1. Installed new R/H and L/H kickpanels, and lower door sill panels.  Regal Air 10217 31st Ave W, C51C Paine Field, Everett, WA 98204   Kevin Crowe AP539848639
1-28-00	7050.3	7050.3	Installed new aircraft battery, Gill PWG-35, SN G01887976.  J. P. White AP516807209
2-2-00	N34081	Tach 7056.9 TT 7056.9	1. Replaced right main tire with new tire. Repacked wheel bearings.  Regal Air 10217 31st Ave W, C51C Paine Field, Everett, WA 98204   Kevin Crowe AP539848639
			Date: <u>4/10/2000</u> Reg. #: <u>N34081</u> Tach: <u>7105.9</u> Hobbs: _____  Airframe stripped of all paint. Surface corrosion removed. Aluminum etched and alodined. Aircraft primed and painted with the following products:  Primer: <u>CA 7000</u> Base Coat: <u>Matterson White</u> Trim #1: <u>BS 283</u> Trim #2: <u>Bowman Green Pearl L4615</u> Trim #3: _____  All flight controls checked for balance tolerances per manufacturer's specifications and reinstalled.  Signed: <u>Jon R. Arvilo</u> A&P: <u>536829597</u>


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4-19-2000	N34081	Tach 7105.9 TT 7105.9	<ol style="list-style-type: none"> <li>1. C/W AD 87-20-03R2, 93-02-05.</li> <li>2. ELT inspected per FAR91.207, no defects noted.</li> <li>3. All flight controls removed for aircraft repainting and reinstalled after paint. Replaced all attach bolts, nuts, and safety devices upon reinstallation of controls.</li> <li>4. Replaced all flap rollers and spacers on both flaps.</li> <li>5. Replaced left inboard flap rod aft rod end.</li> <li>6. Replaced right outboard flap rod aft rod end.</li> <li>7. Replaced left and right aileron rod fwd and aft rod ends.</li> <li>8. Replaced left and right aileron hinge bearings (all).</li> <li>9. Replaced rudder bearings (3) and bushings (3).</li> <li>10. Replaced stabilator hinge bearings (2) and bushings (2).</li> <li>11. Replaced stabilator abrasion boots.</li> <li>12. Replaced left and right stabilator tips.</li> <li>13. Replaced left and right wingtips.</li> <li>14. Fabricated and installed baggage door stay rod.</li> <li>15. Replaced o-ring in right brake caliper and bled brakes.</li> <li>16. Repacked wheel bearings.</li> <li>17. Resealed aft three windows.</li> <li>18. Removed surface corrosion from carry-thru spar and primed.</li> <li>19. Repainted headliner and reinstalled.</li> <li>20. Repaired several plastic interior panels, painted, and reinstalled.</li> <li>21. Replaced upper air vent system aeroduct tubing.</li> <li>22. Replaced all inspection panel attach screws. Replaced all cowl fasteners.</li> </ol> <p><b>I certify that this aircraft has been inspected in accordance with an annual inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.</b></p> <p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p> <div style="text-align: right;">               Brian S. Barth AP4727845531A         </div>
5-9-00	N34081	Tach 7135.4 TT 7135.4	<ol style="list-style-type: none"> <li>1. Removed turn coordinator P/N 1394T100-1/3(7RZ), S/N 8605-168. Installed new turn coordinator P/N 1394T100-7Z, S/N 2004-283. Replaced 5 pin cannon plug, with three pin cannon plug. Ground Ops test good.</li> </ol> <p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p> <div style="text-align: right;">               Brian S. Barth AP472784553         </div>

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6-08-00 N34081 Tach 7186.4 TT 7186.4

1. Replaced tachometer. New tach reads 0.0. Old tach reads 7186.4.

Regal Air  
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Paine Field, Everett, WA 98204

*Brian D. Fender*  
Brian D. Fender AP239375731

6-21-2000 N34081 Tach 12.7 TT 7199.1

1. C/W AD 87-20-03R2, 93-02-05.
2. Re labeled Alternator and Landing gear circuit breakers.
3. Replaced induction air filter.
4. Replaced up / down lock rubber pad on nose landing gear and checked for proper rigging.
5. Removed L/H muffler due to crack at crossover outlet and sent out muffler and crossover tube for repair. Reinstalled repaired muffler and crossover tube.

I certify that this aircraft has been inspected in accordance with an 100hr inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.

Regal Air  
10217 31st Ave W, C51C  
Paine Field, Everett, WA 98204

*Kevin Crowe*  
Kevin Crowe AP539848639

MFG KING  
S/N 27671

MODEL KT 76

UI 5934 S/N 83279  
AR 850 S/N 24265

THE TRANSPONDER IDENTIFIED ABOVE WAS INSPECTED IN THE AIRCRAFT IN ACCORDANCE WITH FAR 43 APPENDIX E AS REQUIRED BY FAR 91.413 AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORK ORDER No. 5442 Date 6.30.00

Inspector *R. M. Lennan*

CROWN AVIATION AVIONICS  
FAA REPAIR STATION 1H6R613N

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS

REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO 20000 FEET ON —

DATE OF ALT. TEST 6.30.00 DATE OF STATIC TEST 6.30.00

SIGNED *R. M. Lennan* CERT. NO. 1H6R613N

CROWN AVIATION AVIONICS


8-11-00 N34081 ~~Tach~~ <sup>TT</sup> 7296.1 ~~TT~~ <sup>Tach</sup> 109.7

1. Replaced vac pump. Removed S/N T27300H, installed S/N T35779H. Runup and pressure adjustment normal.

Regal Air  
10217 31st Ave W, C51C  
Paine Field, Everett, WA 98204

*Brian S. Barth*  
Brian S. Barth AP472784553

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8-16-00	N34081	Tach 115.8 TT 7302.2	
<ol style="list-style-type: none"> <li>C/W AD 87-20-3R2.</li> <li>Replaced instrument air filters.</li> <li>Repaired bad connection in landing gear warning horn circuit.</li> <li>Replaced broken nut plate.</li> </ol>			
<p><b>I certify that this aircraft has been inspected in accordance with a 100 hour inspection per FAR 43, appendix D and was found to be in an airworthy condition.</b></p>			
<p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p>			<p><i>Brian D. Fender</i> Brian D. Fender AP239375731</p>

9-13-2000 N34081 Tach 0.0 TT 7332.4

- Removed defective tachometer and installed new tachometer s/n 11927. New tach reads 0.0. Old tach reads 146.0.
- Removed defective dry air pump s/n T35779H and installed new Sigma-Tek dry air pump s/n T35919H.


**Regal Air**  
10217 31st Ave W, C51C  
Paine Field, Everett, WA 98204

*Jason D. Watts*  
Jason D. Watts A&P516807209

9-21-2000	7345.0	12.6	Removed defective voltage regulator & replaced with new ElectroSystems regulator P/N VR600, S/N A050213. <i>J.D. Watts AP516807209</i>
09-23-00	N34081	Tach 15.6 TT 7348.0	
<ol style="list-style-type: none"> <li>Replaced throttle control rod end, and verified proper throw and operation.</li> <li>Lubed prop control, and cable.</li> </ol>			
<p><b>Regal Air</b> 10217 31st Ave W, C51C Paine Field, Everett, WA 98204</p>			<p><i>Kevin Crowe</i> Kevin Crowe AP539848639</p>

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10-28-00 N34081 Tach 55.0 TT 7387.4

1. Installed new E.L.T battery part # 00-01-009. Next due Nov. 2002.
2. "G" switch test /inspection ok per FAR 91.207.

Regal Air  
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Paine Field, Everett, WA 98204

*Brian D. Fender*  
Brian D. Fender AP239375731

11-17-2000 N34081 Tach 71.8 TT 7404.2

1. C/W AD 87-20-03R2, 93-02-05, and 96-12-07.
2. Replaced all bushings and spacers in nose gear draglink, and lock link assembly. Replaced rubber snubber on lock link assembly. Performed rigging of nose gear and verified proper operation per Cessna 177RG service manual.
3. Replaced door stop springs in both doors.
4. Replaced nose gear door grommet, and several cowl fasteners.
5. Dressed small hole in lower cowl from exhaust clamp. Moved clamp to new position.
6. Replaced R/H brake disk, and pads with new.
7. Repaired seat back adjustment stop pins on copilot seat.
8. Removed governor for overhaul, re-installed after return from overhaul. Please see maint. release tag for details.
9. Replaced bushings in nose gear steering support rod.

I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43, Appendix D and was determined to be in an airworthy condition.

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*Kevin Crowe*  
Kevin Crowe AP539848639

11-22-2000 N34081 Tach 73.2 TT 7405.6

1. Replaced throttle gear switch actuating arm and re-rigged switch.
2. Repaired left door handle latch rod.

Regal Air  
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*Brian D. Fender*  
Brian D. Fender AP239375731

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