

Mar 1981 thru April 2000
May

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#3

THE
adlog[®]

**AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM**

Log 3

**AIRFRAME
MAINTENANCE
RECORDS**

Bucket Air Filters
Installed?



AIRFRAME NTENANCE RECORDS

Log No. 3

Aircraft Registration No. 777BF

Aircraft Mfg. CESSNA Model 421B Serial No. 421B-0315

LH Engine Mfg. CONTINENTAL Model GTS10-520-H Serial No. 235001-R

RH Engine Mfg. CONTINENTAL Model GTS10-520-H Serial No. ~~218049-73-H~~
218270-R

LH Propeller Mfg. McCawley Model 3AF34C 92NP Serial No. 725396

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

RH Propeller Mfg. McCawley Model 3AF34C 92NP Serial No. 725358

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME
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3-2-81	2305	530	Annual Insp. Installed new airspeed indicator - Lt. Side Replaced mixture ratchet mechanism. Replaced R.H. Alternator out sensor. Checked & lubed all controls. Packed wheel bearings. Retraction check, OK. Checked Battery & Elect System. AD, 77-9-2 Windshield lower Trim & Grommet inspection, C/W per Cessna Service letter ME 77-5, AD, 78-5-6 Fuel Cell Leakage, C/W per AD, Checked AD 19019301A.
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LOGAN B. DEAVIS AIR, INC.
Medford - Jackson County Airport
Medford, Oregon 97501

I certify that this aircraft has been inspected in accordance
with a Annual inspection and was determined
to be in airworthy condition. Dr. Meyer

Total Time 2305 Date of Insp. 3-2-81

Mechanic Sign [Signature]
IA 19019301A

02

552 hrs Installed rebuilt brake assbly & rechecked
Rt main shock strut. Serviced brake reservoirs
& checked brakes for proper operation.

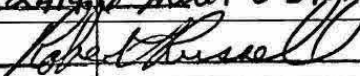
[Signature]
AEP 519707115

587.3 ELT Battery and 50 Hour inspection done
everything OK Kenneth B Owen AaP

6-21-82	628.7	Annual Inspection: Checked and lube all controls Checked wheels brakes Battery and Elect Systems. Retraction check OK. Fuel Cell leakage check OK. Check AD's OK. I certify that this aircraft has been inspected in accordance with an Annual inspection
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SUB-TOTAL this page and was determined to be in airworthy condition

TOTAL—Carry forward to next page
Kenneth B Owen
AP 572222091 7A

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			
9-20-83	2414.6	639.6	<p>CW A081-09-09 on Southerwind heater by overhaul. Replaced E.T.T. battery next due in Aug of 1986. Replaced Right tip tank drain and rear plate gasket and Stat-o-Seals. Replaced Right Main gear shock strut seals and "O" rings. Serviced air conditioner. Replaced Nose tire, installed steering stop.</p>
MCKENZIE FLYING SERVICE, INC. * 90600 GREEN HILL RD. * EUGENE, OR 97402 F.A.A. APPROVED REPAIR STATION NO. 4037			CW A078-5-6 on fuel cells for leakage
Date	9-20-83		
I certify that this aircraft has been inspected in accordance with a	<u>ANNUAL</u> inspection and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this agency under work order no. <u>6312</u> total time <u>2414.6</u> meter <u>639.6</u>		
Signature	 Inspector		
DATE	<u>10-26-83</u>		DATE <u>10-26-83</u>
I CERTIFY THAT THE ALTIMETER, STATIC SYSTEM, AND ALTITUDE ENCODER TESTS REQUIRED BY F.A.R. PART 91.171 HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO	<u>30,000</u> FEET SIGNED <u>Harold Weston</u> CERT. NO. <u>R/S 4037</u>		I CERTIFY THAT TRANSPONDER, MAKE <u>Casson</u> <u>Switzer</u> MODEL <u>04B</u> SERIAL NUMBER _____ HAS BEEN TESTED IN ACCORDANCE WITH F.A.R. 91.172 AND MEETS ALL THE REQUIREMENTS. SIGNED <u>John W. Rood</u> CERT. NO. <u>R/S 4037</u>
MCKENZIE FLYING SERVICE, INC. 90600 GREEN HILL ROAD EUGENE, ORE. 97402 F.A.A. APPROVED REPAIR STATION NO. 4037			MCKENZIE FLYING SERVICE, INC. 90600 GREEN HILL ROAD EUGENE, ORE. 97402 F.A.A. APPROVED REPAIR STATION NO. 4037
DATE	<u>1-1-84</u>		
I CERTIFY THAT TRANSPONDER, MAKE	<u>Kins</u> MODEL <u>KT-70A</u> SERIAL NUMBER <u>39087</u> HAS BEEN TESTED IN ACCORDANCE WITH F.A.R. 91.172 AND MEETS ALL THE REQUIREMENTS. SIGNED <u>John W. Rood</u> CERT. NO. <u>R/S 4037</u>		
MCKENZIE FLYING SERVICE, INC. 90600 GREEN HILL ROAD EUGENE, ORE. 97402 F.A.A. APPROVED REPAIR STATION NO. 4037			

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	2414.6		TOTAL brought forward from previous page
3-14-83	2471.5	696.5	Complied with AD 75-23-8 exhaust system Pressure test. Serviced Handsheld Airc Reservoir. Filled O ₂ Bottle. Replaced "O" Ring left Inboard Fuel Valve
			Signature <u>M. Bowman</u> No. <u>1676</u> AIRCRAFT AT YOUR CALL, INC. HILLSBORO, OR 97123 Portland-Hillsboro Airport FAA Approved Repair Station # 36433
May 10, 84	2529.0	754.0	Performed Annual insp on aircraft according to inspection and service charts outlined in Cessna 421B Service Manual for this aircraft. Checked all overhaul and replacement parts for currcy. Checked all AD Notes for currcy and (W) AD 78-5-6 Goodyear fuel cell leakage check Installed new taper pin in left elevator torque tube All items check out good Mike T Engelman IA 2073352 I certify that this aircraft has been inspected in accordance with an Annual inspected and was determined to be in an airworthy condition May 10, 1984 Tach 754.0 TT 2529.0 Mike T Engelman IA 2073352
6-30-84	HOBBS	800.9	REPLACED LH TIRE F.C.II 650 10 B PLY REPACKED BEARINGS END.
	W.O. 915		MECHANIC _____ NO. _____ INSPECTOR <u>[Signature]</u> NO. <u>CA 1133</u> FAA APPROVED REPAIR STATION 411-17 EXECUTIVE AERO SYSTEMS SOUTH LAKE TAHOE, CA 95704
6-30-84		800.9	

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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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7/3/84 Hobbs	904.0		Clw AD75-23-08 by visual insp & pressure - check of EXHAUST SYSTEMS & TURBOCHARGERS
TT	2579.0		Left & RIGHT ENGINES. TIGHTEN CLANK AS NECESSARY. Replace STRUT SACS left MAIN GEAR. Replace PUSH-TO-TALK SWITCH. OPS CK GOOD. Replace left main wheel bearing & face. G.M. Donald N. Biv 1A57102926
			<p style="text-align: center;">NORTHERN AIR MURRAY FIELD 4102 JACOBS AVE. + (707) 445-9653 EUREKA, CALIFORNIA 95501</p>
9/13/84 Hobbs	833.2		50 HR SERVICE. SERVICE BATTERY, BRAKES, TIRES. Replace RT main tire, install
TT	2608.2		McCREARY 6.50 x 10 SPR TIRE. Clw AD75-
w/028899			23-08 RT VISUAL INSPECTION & PRESSURE - CHECK of Left & RIGHT EXHAUST SYSTEMS. CALIBRATE Left AUX GAUGE. RIG THROTTLES. Replace BREATHER LINE left engine. Replace LANDIAT GEAR MOTOR w/ new part #9910002-3 3/4 N 4942. CYCLE GEAR - CHECKS GOOD. SERVICE AIR COND. SYSTEM w/ FREON. CHECK ELT. REPAIR DELCE LEAD GROUND RT PROP. CHANGE OIL & FILTER. Post service OPS & WALK CHECK SATISFACTORY. Donald N. Biv 1A57102926
			<p style="text-align: center;">NORTHERN AIR MURRAY FIELD 4102 JACOBS AVE. + (707) 445-9653 EUREKA, CALIFORNIA 95501</p>

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DATE 84	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			
11/26/84	Hobs 876		50 HR Service. Change oil & Filters
TTA 2651			Service BATTERY, BRAKES, TIRES, Check
			LIGHTS & CORRECT AS NECESSARY. REPLACE
			ONE TRANSISTOR AT DIMMER HEAT SINK,
			CLW AD 76-02-07 by CLEANING, VISUAL INSP,
			AND REPAIR of ALTERNATOR END BELT/ROPS,
			CLW AD 75-23-08 by VISUAL INSP AND
			PRESSURE-CHECK of EXHAUST SYSTEMS left
			& RIGHT ENGINES. STRIP BOTH STACK
			TAILS, ETCH, TREAT CORROSION, PRIME
			WITH WASH PRIMER, SEAL, PAINT WITH
			POLYURETHANE PAINT. TOUCH UP AIRCRAFT
			PAINT IN VARIOUS AREAS AS NECESSARY,
			APPLY CONDUCTIVE CEMENT TO EDGES OF
			WING DEICE BOOTS, CLW AD 72-14-08 by
			VISUAL INSP & PRESSURE CHECK of flex fuel
			lines. REPLACE FLASHTUBE IN left TOP STROBE
			LIGHT. REPLACE left ALTERNATOR, Remove
			ALU9407 S/N A9676 & Install ALU9407 S/N
			4K000102 Repaired by R/S 412-28 under
			w/0826. Parallel, REPLACE OXYGEN VALVE
			COMMON CABLE P/N 5117239-5. Post service
			ops & LEAK CHECK SATISFACTORY. For DETAILS
			See w/0 #28963. Donald Bird 1A571028026

NORTHERN AIR
MURRAY FIELD
4102 JACOBS AVE • (707) 445-9653
EUREKA, CALIFORNIA 95501

933.4
16.0
17.4

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			
2/4/85	50 hr	SERVICE	CHANGE OIL + FILTERS. SERVICE
TT 2691	HUBB 916.0		BATTERY, BRAKES, TIRES. REPLACE CO-PILOT'S FUEL
			LIGHT RHEOSTAT. C/W AD 76-02-07 by USUAL
			INSPECTION + RELUBE of MT. END BEARINGS. C/W AD
			72-14-08 by PUS CK / USUAL INSPECTION of FLEX
			FUEL LINES IN ENGINE COMPTS. C/W AD 75-23-08
			by USUAL INSPECTION + PRESSURE CHECK of EXHAUST
			SYSTEMS + NERVOUS LEFT + RT ENGINES. REPLACE
			LEFT ALTERNATOR. S/W OFF 4K000102 S/W ON
			1J000772 O/H by AUTO ELECTRIC. REPAIR RT W/O
			QUICK DRAW O/H 50BSHS. REPLACE ONE DELCO
			WARRANTY RT PROP. POST SERVICE OPS + CK CK 6000
			w/o 29027 <i>Richard Bin</i>
			1A57102B026
			NORTHERN AIR
			MURRAY FIELD
			4102 JACOBS AVE. + (707) 445-9653
			EUREKA, CALIFORNIA 95501
			2/9/85
			REPAIR SPURT POLY-PACK + O-RINGS
			LEFT MAIN SERVICE w/ HYD FLUID +
			NITROGEN OPS CK 6000. <i>Richard Bin</i>
			TT 2698.5
			HUBB 923.5
			NORTHERN AIR
			MURRAY FIELD
			4102 JACOBS AVE. + (707) 445-9653
			EUREKA, CALIFORNIA 95501
			w/o 29027

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DATE	TOTAL TIME IN SERVICE	HOURS OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
3/9/85	11AF MC 2727.0 2727.0	952.0	<p>I CERTIFY THAT THIS <u>AIRFRAME</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>WO # 29045 NORTHERN AIR MURRAY FIELD 4102 JACOBS AVE. + (707) 445-9653 EUREKA, CALIFORNIA 95501</p> <p>OPENED ALL PANELS & INSPECTED LUBED ALL POINTS, CLEANED INSPECTED & PACKED all wheel BEARINGS. LANDING GEAR RETRACTION & EMERGENCY EXTENSION SATISFACTORY, LANDING GEAR RIGGING OK. SERVICED BATTERY, TIRES, BRAKES & CHECKED LIGHTS OK. CONTROLS CHECKED FOR FREEDOM OF MOVEMENT & CABLE TENSIONS, ADJUSTED ELEVATOR, RUDDER & AIRRON TENSIONS. REMOVED ELEVATOR & REPLACED RIVETS (LOOSE) IN BOTH OUTBOARD HINGES, REINSTALLED ELEVATOR & TORQUED TAPER PINS TO REMOVE PLAY AT TORQUE TUBE. CLEANED CABIN PRESSURIZATION OUTFLOW VALVES. LUBED CONTROLS. REPLACED CENTRAL INSTRUMENT AIR FILTER. INSPECTION & SERVICE COMPLETED PER NATCO FORM # 1100-100 FOR 100 HOUR INSPECTION. ELT CHECKED OK, NEXT DUE AUGUST 1986. REPLACED L & R EXHAUST STACKS WITH UNITS FROM KNISLEY WELDING (WO 17128). CW AD 75-23-08 BY PRESSURE & VISUAL INSP OF EXHAUST SYSTEMS (DUE NEXT AT 1000) NO LEAKS. CW AD 72-14-08 BY PRESS CHECK & LEAK TEST OF FLEX FUEL LINES L & R ENGINE, NO LEAKS. CW AD 76-02-07 BY VISUAL INSP & REPACK OF ALTERNATOR END BEARINGS (L & R). CW AD 78-5-6 BY UNIP & TEST OF GOODYEAR FUEL TANKS next due 3/9/86. AD 84-26-02 PAPER INDUCTION AIR Filter Replacement Due @ 1052 HOURS & EA 500 hrs after. INSTALLED LOANER ALTIMETER IN PILOTS POSITION. REMOVED 3 AUTOPILOT SERVOS FOR REPAIR/OVERHAUL AND REINSTALLED SAME UNITS, WORK DONE BY CAL TODD ANONICKS-, TRIM CABLE TENSION & RIGGING COMPLETED IN W. MAINT. MANUAL INSTRUCTIONS. GROUND ROLL, LEAK & OPS CHECK OK. Michael D Cavanaugh 21484901A</p>
			SUB-TOTAL this page
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27 MAR 85			INSTALLED PORT ALTIMETER S/N 1232E OHCL 22 MAR 85 BY CRS 4616. <i>J. Shultz</i> CRS 464-69
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I CERTIFY THAT ALTIMETER & STATIC SYSTEM TESTS REQUIRED BY FAR 91.171 WERE PERFORMED *STBD ALTIM S/N T 9306*
ALTIMETER TESTED TO *30000 FT*
IAW FAR 43 APP E ON *27 MAR 85*
Signature *J. Shultz*
Date *27 MAR 85*
NORTHCOAST SERVICES CRS 464-69

I CERTIFY THAT ATC TRANSPONDER TESTS & INSPECTIONS REQUIRED BY FAR 91.172 WERE PERFORMED IAW FAR 43 APP F.
Signature *J. Shultz*
Date *27 MAR 85*
NORTHCOAST SERVICES CRS 464-69

I CERTIFY THAT THE AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTS AND INSPECTIONS REQUIRED BY FAR 91.171 WERE PERFORMED IAW FAR 43 APP E.
Signature *J. Shultz*
Date *27 MAR 85*
NORTHCOAST SERVICES CRS 464-69

4-8-85	HOBBS 989,		Remove ALTIMETER + REPLACED WITH SERVICEABLE ALTIMETER. A/C UFR flight ONLY till STATIC TEST @/W.
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Nick Winn
A# *P1870874*

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

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 <u>427.00</u> serviced airplane
4/16/85	999.9	HOBBS	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 50 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. replaced wing on wing locker
	2774.9	TTAF	per Nates Form 1100-50.
			WO 29087 TANK CANS, lubed.
			NORTHERN AIR MURRAY FIELD 4102 JACOBS AVE. + (707) 445-9653 EUREKA, CALIFORNIA 95501 CW AD 72-14-08 By Visum &
			press check for leaks on flex fuel lines
			CW AD 75-23-08 by press check & visual inspection of exhaust systems left & right. GROUND RUN LTRK & ops check ok. Michael D Cavanaugh 21484981A
6-5-85			DATE _____ TACH/HM _____ 50 HR. INSP CHANGED OIL _____ OIL SCREEN/FILTER CLEANED _____ AIR MAZE CLEANED _____ CHECKED EXT. WATER _____ LANDING GEAR LUBED _____ AIRCRAFT/ENGINE HAS BEEN INSPECTED AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNATURE _____
1046.8 HM			C/W AD 75-23-8 + AD 76-02-07 by insp & lubing details on WO 00651F transmittal ins AR34126
26 JUN 85	1084.3	Hobbs	REMOVED DEFECTIVE PORT SIDE ALTIMETER S/N 1605E/1810E. INSTALLED ALTIMETER S/N 1232E ONCED 1 JUN 85 BY CRS 4816. PERFORMED STATIC SYSTEM TEST RQD BY FAR 91.171
			I CERTIFY THAT THE AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTS AND INSPECTIONS REQUIRED BY FAR 91.171 WERE PERFORMED IAW FAR 43 APP E. Signature <u>J. Shultz</u> Date <u>26 JUN 85</u> NORTHCOAST SERVICES CRS 464-69

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6/26/85	2859.3	1084.3	50 Hour service & inspection completed IAW NATCO FORM 1100-50. Battery Lites, Tires, Hydraulics serviced - Ground Run leak & ops checked OK. Michael D Cavanaugh CW AD 75-23-08 L/R exhaust Sys. 2145990117
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NORTHERN AIR
 MURRAY FIELD
 102 JACOBS AVE. (707) 445-9653
 EUREKA, CALIFORNIA 95501
 29155

I Certify That Altimeter And Static System Tests Required By FAR Part 91.171 Have Been Performed:
 Static System Date 7-11-85
 Altimeters Tested To _____ Ft.
 LH S/N _____ DATE _____
 RH S/N _____ DATE _____
 W.O. # 01074
 Signature Roland Miller
 Flightcraft, Inc. ARS4126

Date 11 JULY 1985
 1. Transponder Make Ki86 Model KT76A
 Serial 39087
 2. Transponder Make _____ Model _____
 Serial _____ was tested in accordance with FAR Part 91.172 and found to comply with appendix F of Part 43
 Signature [Signature]
 FLIGHT CRAFT, INC. ARS 4126.

7-11-85			Removed pilots altimeter, found case leaks, sealed Reinstalled checked static systems & checked encoder Roland Miller ARS 4126
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7/28/85	Hobby 1117.		Instrument repaired altimeter in pilots side Aero Mech Mod 8140B-35, S# 1232E Michael D Cavanaugh 2145990117
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1 AUG 85			PERFORMED STATIC SYSTEM TEST RPD BY FAR 91.171 <u>J. Shultz</u> CRS 464-69
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I CERTIFY THAT THE AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTS AND INSPECTIONS REQUIRED BY FAR 91.171 WERE PERFORMED IAW FAR 43 APP E
 Signature J. Shultz
 Date 1 AUG 85
 NORTHCOAST SERVICES CRS 464-69

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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8/3/85	Hobbs	1117	INSTALLED NEW Deice Timer under Pilots
			side console. Ground check OK. Michael D Conway
			21489901A
9-26-85	Hobbs	1138	INSTALLED NEW T.S.F. GOODRICH 6.50 X10
			B.P.R S/N 1115A00316, ON LEFT MAIN LR
			James Gayley AEP 544820549
10-4-85			50 hour RB6 SKW (SEE ENGINE LOGS)
10/6/85	Hobbs		Ch AD 72-1408 by visual insp/pressure check
1149.4	Hobbs		of Flex Hose Assemblies L/R engines.
			Ch AD 76-02-07 by cleaning insp, & relube of
			Roller End Bearings. Donald Briel
			1A570822

December 16, 1985 W.O. #86084

Removed engine for overhaul.
 Installed engine S/N 235001-R in left
 position of aircraft N777BF. Use
 non-detergent oil for the first
 100 hours.

HOUR METER: 1173.1
 SIGNED: *James S. Spring*
 CRS 265-9

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12-26-85	2948.5	1173.1	<p>REPLACED RH wing CROSS FEED DRAIN VALVE. REPLACED LH wing STROBE FLASH TUBE. REPLACED bulb + DRIVE GEAR ON TAIL + BELLY beacon LIGHT. PATCHED LH wing device BOOT. REPLACED 2 SECTIONS OF SKIN ON LH ELEVATOR. REPLACED LH BATTLE HOSE. REPLACED RH + LH PRESS. HEAT CABLES. RESEALED LH GEAR STRUT. REPAIRED F.G.T. GAUGE. REPAIRED MANIFOLD PRESS. GAUGE. REPLACED RH PROP. CONTROL CABLE. REPLACED GEAR + FUEL SELECTOR PLINCARD. REPLACED LH + RH VACUUM FILTERS. REPLACED LH + RH STRUT DOOR HINGES. REPLACED LOOSE RIVETS in LH WING SPAN. REPLACED LH + RH STATIC VENT HEATERS. REPAIRED LH FUEL TRANSFER Pump. REPAIRED CONDENSER FAN MOTOR + BRACKET. REPLACED LH main TIRE. CW Ad 81-09-09 STEWART WARNER HEATER INSP PER PARA (A) CW Ad 78-05-06 GOOD YEAR FUEL CELL INSP. CW Ad 76-04-03 APE AUTOPILOT SERV. - AV 75-10 CW Ad 72-14-08 PRESS ELK FUEL HOSES. CW Ad 75-28-08 EXHAUST SYSTEM INSP. PER PART I A + I A WASTE GATE OUTLET CLAMPS REPLACED.</p>

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12-26-85	29485	1173.1	CWAD 76-02-07 ALT. BERRING Insp.
			CWAD 84-26-02 ENGINE AIR FILTERS
			REPLACE EVERY 500 Hrs. INSTALLED
			BRACKET AIR FILTERS. CWAD 77-
			13-22 TENG CASE CRACK Insp.
			INSTALLED CLEVELAND WHEEL &
			BRAKE CONVERSION KIT PN 199-76
			PER STC #SA197GL DRAWING 50-47
			REVISION D. SEE 327

I CERTIFY THIS AIR FRAME HAS BEEN INSPECTED
IN ACCORDANCE WITH A ANNUAL
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
THIS DATE.

DATE 12-26-85 WO # 86084 HRS. 2948.5
SIGNED James H. Sperry

MID-STATES AIRCRAFT ENGINES, INC.
HANGAR 27 - TULSA INT'L AIRPORT
TULSA, OK 74115
CRS #265-9

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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11/20/86	1238.5		Replaced nose wheel ASSY P/N C163010-0101 & Tire 6.00-6 6ply Goodyear FLT. crest II & Tube. Replaced Fender ASSY P/N 5042022-9 & Taxi Light Bracket P/N 5049000-1. END ————— <i>Jan Judd</i> AP0295026749JA

ARTEX AIRCRAFT SUPPLIES, INC.
 ARTEX 24365 S. Skyline Dr. Canby, OR 97013
 (503)266-3959 800-547-8901

LOG BOOK ENTRY
 E.L.T. BATTERY REPLACEMENT DATE **DEC 89**

1/12/87 1277

100 hr. Shop Completed per Maint Man
 Replaced 2 MLG tires, all left MLG tongue link bushings and shafts, left fuel lines for pump and Eng. window (door) new seal. Auto pilot you decompress cut. cable removed. Replaced upper rotating beacon motor. All AD's closed through this date, closed 78-05-06 by Shop & 81-09-09 per per. A. Aircraft is released for one time ferry flight to Mid States in Tulsa, OK. 7415 for night Eng. repairs per AD 77-13-22. See attached "SPECIAL AIRWORTHINESS CERTIFICATE" dated 01-06-87 - MS-F500-67.

Signed *Michael R. Miner*
 Milford R. Miner AEP 521148 IA
 640 Dellwood Ave.
 St. Simons Is., GA 31522

1/12/87
 TT/NOV 3052.4
 has
 been inspected in accordance with an FAA inspection as required by Federal Aviation Regulations, part 43, Appendix D and was determined to be in AIRWORTHY condition.

END
John Puliano
 AEP 257-76-0550

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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
57			TOTAL brought forward from previous page
2-28-87			Installed Yaw Damper in tail cone per Maint Man. Cleaned out fuel valves, replaced right inner cooler over duct. Anorak test fuel @ all systems OK'D per Maint Man. <i>[Signature]</i> Tel 257760880
6/17/87	1345.		Removed & replaced Rt Tip SCAR pumps <i>[Signature]</i> 4/128421695
6/18/87			Removed and replaced Encoding Alt. with like unit - see Tag. <i>[Signature]</i> 253-74-2734
			<p>THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.171 HAS BEEN PERFORMED THIS DATE <u>6-18-87</u>. ALTIMETER TESTED IN COMPLIANCE WITH APPENDIX E, PART 91.171 TO 39 CFR 25.1191 OF DATE <u>6-18-87</u> <i>see tag</i> STATIC SYSTEM CHECK PERFORMED F.A.A. REPAIR STATION F. A. WE AVIATION CO., INC. F.A.A. REPAIR STATION 5700 S. MUNICIPAL AIRPORT MACON, GEORGIA SIGNED <i>[Signature]</i> DATE <u>6-18-87</u></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
			TOTAL brought forward from previous page
11/9/87	1464.9		Replaced gear safety switch, squat switch Pressurization Switch and legs. Ops checked on jacks. w/o 16678
			INSPECTED AND APPROVED
			By <u>Robert Brown</u> Inspector
			THURSTON AVIATION, INC.
			Approved—Repair Station No. 377 CHARLOTTE, N. C.
12-16-87	1480.7		Replaced reconditioned bladder in right Aux tank (34 gal) And two new bladders (10 and 4 gal) M. Deann 20787878
2/5/88	1496.5		Jacked Aircraft Greased gear, cleaned & packed wheel bearings, performed retract test. Lubed all control hinges pulleys & Bellcranks. ELT Due (Dec. '89) AP 81-09-09 C/w para. A of 8472 service manual. Cleaned main fuel strainers. Lights checked OK. All systems check OK.
			I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.
			TOTAL TIME <u>1496.5</u> DATE <u>2/5/88</u>
			<u>Robert H. Beckstein</u> APZ/A 384721695

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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			
10-14-88	1698.5 1440.1		Replaced Right MAIN TIRE with. GOOD YEAR 6.50-10 - 8PR. Don't Walt A49386-54-1849
3-27-89	1709.6hr		<p>Removal Wilson 1014B, 247813 antenna, 97707 coated transponders, installation from aircraft, installed King KY-96A, KT-76A, KA-60, ACK-A-30, II Manman 612B, A-23 antenna, DMN-C70-4 Cam antenna, 3M WX-100, Rayplay, Processor and antennas. I scan placarded for VFR only. Wired #2 KT-76A transponders to A-30 mode, checked system per FAR 91.36, checked static system per FAR 43 Appendix E was required by FAR 91.171. R/P #322-43 <i>Luther R. Winters</i> 2362448</p> <p>Crewchief empty wt. - 5168.4 lbs. New CG - 152.93 New useful load - 2281.6 lbs. New moment - 290393.6</p>
3-27-89	1709.6hr		<p>The ATC transponder tests and inspections required by FAR 91.172 were performed this date and found to comply with FAR 43, Appendix F. Make <u>King #2</u> Model <u>KT-76A S/N 62360</u> Signed <i>Luther R. Winters</i> 3-27-89 2362448</p>
2-27-89	1709 hrs.		<p>Install SK421-138 fuel switch kit per MEB 88-3 <i>Al House</i> A4P1339972</p>
SUB-TOTAL this page			
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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			
3-12-87		1710.1	Replaced Left Main Tire w/ Goodyear 670 x 10 Sply checked Pads etc Bill Angus 2101179.
8-4-89	3500	1725	<p>COMPLETED 100 HR INSPECTION, JACK A/C & CHECK, GEAR RETRACTION, PACK WHEEL BEARING C/W S/B MEB 98-7A ON INNER BEARING IN STRUT, SERVICE STRUTS WITH FLUID & AIR CLEAN FUEL SCREENS, C/W A-D 81-09-09 ON HEATER, INSTALLED FUELING PORT RESTRAINT KIT PER KIT NUMBER 516-003, B/H BOOST PUMP O/H BY B & S AIRCARET, INSTALLED TWO NEW PAOP GOU B/H VACUUM O/H BY B & S AIRCARET, BOTH ENGINE GAGE O/H BY AERO-MACH, FUEL FLOW, FUEL FLOW AIR SPEEDS & EGT O/H BY AERO MACH, MANIFOLD VALVES & FUEL PUMP O/H BY B & S AIRCARET, CHECK ALL CONTROL CABLE FOR TENSION.</p> <p style="text-align: right;">Kenneth Conrad A-P 2007327</p> <p style="text-align: center;">Liberal Aircraft, Inc. Liberal, Kansas Date 8-4-89 Tach 1725 TT 3500 I certify that this Aircraft has been inspected in accordance with Annual and was determined to be airworthy. <u>DA 1339972</u></p>
8-10-89		1737.1	<p>INSTALLED Hobbs meter for Southwind Heater in nose baggage compartment O Time on meter Equip list revised. SRU XXXXXXXXXX XXXXXXXXXX</p>
SUB-TOTAL this page			Steven R Lyden AP522587635IT
TOTAL—Carry forward to next page			

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME
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Fuel cell replacement
YH

1761.2			INSTALLED 3 NEW FUEL CELLS IN YH OUT POSITIONS, SN 096-346-103. NEW GASKET & CLIPS INSTALLED AT THIS TIME. SERVICE WITH FUEL AND LEAKS WERE CHECKED. FOUND TO BE OK Kenneth Cuda A-P2007827
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3544.6	1769.6		Complete 100 hour inspection. Jack Laird, repacked all wheel bearings, degreased brakes, serviced struts, RAN gear retraction. Replaced EET battery, clean all fuel screens, check all lights Kenneth Cuda A-P2007827
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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			
9-20-90	3504.6	1709.6	<p>COMPLETED 100 HA INSPECTION, JACKED A/C CHECKED GEAR RETRACTION, PACKED WHEEL BEARING, DEGLAZED BRAKES, SERVICE STRUTS, CIW AD 90-2-13 BY INSPECTING MAIN GEAR STRUT INNER BEARING, BY MAGNETIC PARTICLE NON DESTRUCTIVE INSPECTION PROCEDURES, CIW A-D 81-09-09 ON HEATOR, HEATOR TIME 04 HOURS. CLEANED ALL FUEL SCREENS, CHECKED ALL WING ATTACH POINTS, REPLACED ELT BATTERY DUE DATE 9-92, SERVICE SHIMMY DAMPER CHECKED ALL CONTROL SURFACES, CHECKED ALL LIGHTS HEATER OFF DUE 4414 TT.</p> <p style="text-align: right;">Hammerhead A-P 2007827</p> <p style="text-align: center;">Liberal Aircraft, Inc. Liberal, Kansas Date <u>9-20-90</u> Tach <u>1769</u> I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be airworthy.</p> <p style="text-align: center;"><u>A. Downs</u> IA 1339972</p>
12-21-90	3563.90	1788.9 hrs	<p>Removed existing ELT ELT and installed Airtek EL5-10 ELT that meets requirements of TSO C91a, installed per AC43.13-102. no weight balance change necessary. Battery Due Jan 1993 D8# OFAR case Lubrication 12/26/90</p>

LIBERAL AIRCRAFT SUPPLIES, INC.
2400 S. Skyway Dr. Carby, IA 57019
(502) 692-2299 (800) 547-0301

LOGBOOK ENTRY

ELT BATTERY REPLACEMENT DATE 1-93

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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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2-13-91		181790.2 hrs.	<p>Remotally flap actuator S/D AGB-2127 after overhaul, see WO dated 1-18-91. Remotally flap motor S/N 951 after overhaul, see WO # B-5842 BYS. Rugged flap system as per C-421 Service manual. Ops checked OK.</p> <p style="text-align: right;">Stem R. Lydd AP52288 76382A</p>
6-15-91			<p>8.8 Heater holds time Complied with AD 81-9-9 by completing heater PDT # 250 hr. inspection. Ops checked OK</p> <p style="text-align: right;">William Lydda AHT 521801423</p>
10-5-91	3582	1807	<p>Annual inspection per C-421 B service manual and inspection checklist. Aircraft jacked, land gear rigged as required and retraction and emergency extension test performed satisfactory. Serviced all land gear struts with hyd oil + N², serviced wheel bearings, installed Cassma SK 421-118 sensor washer + bolt replacement. Aircraft cleaned + lubricated throughout, interior removed + cleaned, EKT ops checked OK, 5 second test, replaced LH tip drain valve, replaced cell gas cap O-rings, serviced RH land lite retract switch, cleaned outflow and safety valves, rugged and reset control cable tension in elev + elev trim, rudder + rudder trim, ailerons (6 cables) and aileron trim, yaw dampener,</p>
SUB-TOTAL this page			(CONT)
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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			
10-5-91 (CON'T)			<p>nose steering, and autopilot pitch cables. Both altimeters reinstalled after recertification by CRB 012R064 see WO #80216+80215. Pilot static tests as required by FAR 91.411 performed as per FAR 43 app E, found OK. Deice boots pressure tested, repaired several small holes throughout. Treated de-icers with Agemeter. Installed new prop de-ice timer assy, ^{S/N 13125PL} prop de-ice system checked OK. Rechecked RH aux drain valve, replaced 1 cabin door sight glass, serviced O₂ system, replaced RH de-ice line, repaired prop de-ice post line wiring, clw AD 72-14-8R1 by pressure test + inspection of fluid hoses both engines, found OK. Next insp due HM 1867 hrs. clw AD 75-23-8R5 by replacing oil seals + slip joints both engines, performed pressure test and inspection on the rest of the system, found OK. Next insp due HM 1857 hrs. Serviced battery, cleaned battery box, filled brake reservoirs, ops checked satisfactory. I certify that this aircraft has been inspected IAW an annual inspection and is determined to be in airworthy condition.</p> <p style="text-align: right;">Steven R. Lydden AP522887638 IA</p>
10-10-91	1807		<p>Removed AVQ 47 radar. Installed Rums 20 radar system as direct replacement in existing racks and mounts. No weight change or functional differences. Ops V OK.</p> <p style="text-align: right;">Steven R. Lydden AP522887638 IA</p>
SUB-TOTAL this page			
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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
6-19-92	3602	1827.4 hrs	Removed PCK A-30 encoder, installed Apollo altitude encoder, wired to #2 King KCF24 checked system per FAR 91.217, checked static system on right side per FAR 43 Appendix E as required by FAR 91.411. See Transponder certification the date in Avionics Section, PR#DFAR0551, WO#4637 No weight and balance change necessary. <i>Stephen R. Lyden</i> 236245
11-2-92	3609	1834	Annual inspection per C-421B service manual. Serviced battery, filled brakes, aircraft lubed, CW A075-23-8R5 by inspection, found OK. Next insp due 1884 hours. CW A072-14-8R1 by pressure test to end insp, found OK. Next insp due 1894 hrs. ELT ops checked OK, 5 second test. Aircraft ops checked OK. I certify that this aircraft has been inspected IAW an annual inspection and is determined to be in airworthy condition. <i>Stephen R. Lyden</i> APS 22887638 IA
10-12-93	Hm	1838 hrs.	Removed dual tach. Installed serviceable tach S/N 687 after repair by CRS N42R0446 on WO#59114. Removed EGT S/N 55718. Installed EGT S/N 1916 from CRS N42R0446 on WO#46640. Installed new EGT probes both sides. Ops checked to satisfactory. <i>Stephen R. Lyden</i> APS 22887638 IA

cell
7/8

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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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1-3-94	3635	1860	<p>Annual inspection per C-421 B service manual & insp checklist. Aircraft cleaned & lubed throughout, all control cable tension checked OK, serviced all wheel bearings, filled brake res, performed retract and emergency extension test OK, replaced dust seal nose bearings, serviced battery and cleaned battery box, checked emer exit operator and reinstalled, removed ELT, installed New ELT Battery, next repl due Oct 95. ELT ops checked OK, 5 second test. Replaced left and right press hose, rigged press dump valve and installed New O-ring, tightened left & right outboard flap bellcranks bolts, replace lower beacon bulb, de-ice boots pressure tested, installed 5 patches, cleaned outflow and safety valves, cleaned heater fuel screen, cleaned gascolator fuel screens, serviced land gear struts, filled O₂ system, removed both altimeters. Pilot's side S/N 10685 rec'd by CRS 062R06/L on WO# 405340. Copilot's side S/N 79366 repaired & rec'd as above on WO# 405341, see yellow tag file. Altimeter reinstalled, static system insp required by FAR 91.411 performed as per FAR 43 App E, found leaking alt air valve. Replaced valve, static test OK. I certify that this aircraft has been inspected in accordance with FAR 91.411 and is determined to be in airworthy condition. Steven R. Lyden</p>

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AP522887638JA

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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
8-6-94			Replaced Left MAIN TIRE AND Lubricated Bearings. 1 installed Goodyear Flight Custom 650x10 8ply Checked Battery Bio Gripps 210229
2-1-95	3668	1893	Annual inspection per C-421B service manual. ELT wsp as per 91.209 ops check OK, 5 second test. Serviced battery, cleaned batt box, field brake reservoirs, aircraft jacked, performed retraction test and emergency extension test OK. CW AD 75-23-8 R5 wsp EX system, found OK. Next wsp due 1943. CW AD 76-2-7 wsp & lube alternator bearings OK. Next wsp due Apr 1993. - CW AD 77-13-22 LH engine, see log. Aircraft ops ch OK. CW AD 72.14-8 R1 presstest, see man. Date <u>2-1-95</u> Tach <u>1893</u> I certify that this <u>aircraft</u> has been inspected in accordance with a <u>Normal</u> inspection and was determined to be airworthy. <u>Steven R. Lyddon</u> #522887638 F1 Lyddon Aero Center, Inc. Liberal, KS

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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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H-30-96	3382	1907	Removed ARC IN-830A HSI and installed Bend/King KT-525A, KG-102A, KMT-112, KA-51B, KA-52 per AC 43.13-1A+2A, sent altimeter LA-71-11 S/N 79366, altitude gyro 5000F-2 S/N 15910F, turn & slip TS200-2 S/N 221 and encoding alt 8140B-35 S/N 10685 to Mid Continent Instrument for certification & overhaul on work order # 433-737 and 435169. New empty wt - 5174.3 lbs. New CG - 152.83, New moment 790772.5, New useful load - 2275.7 lbs. RA# OF2RO55L <i>Lester R. Sully</i> 236268
Dispersed 9-16-96			
			<p>P/N <u>8140B-35</u> S/N <u>10685</u> #1 P/N _____ S/N _____ Altimeter-Encoder-Transponder Data Correspondence Tests And Inspections Required By FAR 91.411 Were Performed To <u>7000</u> Ft. And Found To Comply With FAR 43 Appendix E. Signed <i>Lester R. Sully</i> 236268 WO # <u>5787</u> Southwest Avionics, Inc. CRS # OF2RO55L Date <u>5-1-96</u></p> <p>The ATC Transponder Tests And Inspections Required By FAR 91.413 Were Performed And Found To Comply With FAR 43 Appendix F. WO # <u>5787</u> Date <u>5-1-96</u> Make <u>King</u> Model <u>KT-76</u> S/N <u>39087</u> Signed <i>Lester R. Sully</i> 236268 Southwest Avionics, Inc. CRS # OF2RO55L</p>
			<p><i>alt encoder</i> P/N <u>LA-71-11</u> S/N <u>79366</u> #2 P/N <u>425-2003</u> S/N <u>M-4547</u> Altimeter-Encoder-Transponder Data Correspondence Tests And Inspections Required By FAR 91.411 Were Performed To <u>7000</u> Ft. And Found To Comply With FAR 43 Appendix E. Signed <i>Lester R. Sully</i> 236268 WO # <u>5787</u> Southwest Avionics, Inc. CRS # OF2RO55L Date <u>5-1-96</u></p> <p>The ATC Transponder Tests And Inspections Required By FAR 91.413 Were Performed And Found To Comply With FAR 43 Appendix F. WO # <u>5787</u> Date <u>5-1-96</u> Make <u>King</u> Model <u>KT-76</u> S/N <u>16240</u> Signed <i>Lester R. Sully</i> 236268 Southwest Avionics, Inc. CRS # OF2RO55L</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
TOTAL brought forward from previous page			
5-21-96	3682	1907	<p>Annual inspection per C-421B service manual + inspection guide. Aircraft cleaned & lubed throughout, aircraft jacked, performed retract test and emergency extension test OK, serviced wheel bearing, filled brake reservoirs, serviced battery, cleaned battery box, ELT inspected per 91.207 OK, ops checked OK, 5 second test. Cleaned gasolator fuel screens, exterior cleaned & reinstalled, de-ice system tested OK, repaired miscellaneous static leaks, static system tested as required by 91.411 as per 43 APP E, found OK. Aircraft run-up & ops checked OK, c/w AD 75-23-8 RS inspected exhaust systems, found OK. Next insp due 1957 Hm. I certify that this aircraft has been inspected IAW an annual inspection and is determined to be in airworthy condition.</p> <p style="text-align: right;">Steven R. Lydden AP5228876385A</p>
5-31-96		1908	<p>Reinstalled EGT indicator S/N 1946 after repair by CRS N42R0441 on WO 107616. Ops ✓ OK.</p> <p style="text-align: right;">Steven R. Lydden AP522887638DA</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
TOTAL brought forward from previous page			
6-4-96		1908	Installed New ELT battery, w/pt repl due 7-98. ELT op v OK, 5 second test. Steven R. Lyddon AP522887638JA
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>LOGBOOK ELT BATTERY 777BF July 1998</p> </div>			
9-16-96		1909	Installed Bendix King KLN-89B, KA-92, Mid. Cent. inent MD-41-528 per AC43.13-1A chapters 11, 13, 15 AC43.13-2A chapters 1, 2, 3, 13 and AC20-135, GPS placarded for VFR only. RA#DF200551, See 337 lbs dist. New empty - 5175.7 lbs, New CG - 152.79 New useful load. 2271.3 lbs Justin R. W. Lyddon 236248
3-15-97		1913	Installed OHC LH tach generator 22A667 SIN AT-9663 see work order from CRS on WO # AT-13919. Ops checked OK. Steven R. Lyddon AP522887638JA
12-20-97	3694	1919	Annual inspection per C-42113 service manual and insp guide. ELT insp per 91-207 OK, 5 second ops v OK. Aircraft run-up + ops v OK for return to service. Date <u>12-20-97</u> Tach <u>1919</u> I certify that this <u>aircraft</u> has been inspected in accordance with a <u>N annual</u> inspection and was determined to be airworthy. Steven R. Lyddon AP522887638JA

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Lyddon Aero Center, Inc.
Liberal, KS

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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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3-12-98	1923		Reinstalled LH propeller S/N 725396 and RH propeller S/N 725358 after overhaul by CRS F3PRO14N on WO# 1812 attached. Ops ✓ satisfactory, c/w AD95-24-5RI. Steven R. Ley, DD AP522887638EA
3-1-99	3706	1931	Annual insp per C-421B service manual and insp guide. Aircraft cleaned and lubed throughout, c/w AD 98-4-28 and SB MEB 97-4 by installed revisions to AFM concerning severe icing, c/w MEB 99-4 installed icing prohibited placard on panel, c/w MEB 95-8 installed flight manual supplement, c/w MEB 96-12 installed icing revisions + New checklist, c/w AD 75-23-8RS insp both eye systems, found OK. Next insp due 1981 hrs. c/w AD 72-14-8RI insp fluid hoses OK + pres test OK, next insp due 1991 hrs. Reinstalled copilot's VSI S/N 38879, pilot's encoding altimeter S/N 10685, and copilot's altimeter S/N 79366 after repair + recert by CRS N42R044L on WO# 151169, 150747, and 150746 respectively. Static check to follow by Southwest Airlines. Pressure tested de-ice boots, repaired small holes, + treated boots, serviced all wheel bearings, performed land gear retraction test and emer extension test OK, updated equip (cont)
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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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3-1-99	3706	1931	<p>(cont) list, filled brakes, serviced battery, cleaned ball box, repaired LH + RH Nav lights, replaced day/night light switch, repaired compass light ground, replaced RH fuel selector valve light, replaced mix post lines, resealed several nutplates both top tanks, repaired RH outboard exhaust heat shield, repaired LH deice hose, cleaned small corrosion areas to behind both exhausts + primed & painted, cleaned gasolator fuel screens, reset elev and elev trim cable tensions, relocked lower beacon lens, freed stuck pulleys in LH + RH wheel wells. Aircraft run up + ops checked OK for return to service. EIT inspected per 91.207 OK, g. switch + ops ✓ OK, installed new ECT battery, next repl due 3/01.</p> <p>Date <u>3-1-99</u> Tach <u>1931</u></p> <p>I certify that this aircraft has been inspected in accordance with a <u>Normal</u> inspection and was determined to be airworthy.</p> <p><u>Steven R. Lyddon</u> AP5228876387A Lyddon Aero Center, Inc. Liberal, KS</p>
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Reg N777BF Tach 1931 Date 3-1-99
 State System Tests And Inspections
 Required By FAR 91.411 Were Performed
 And Found To Comply With FAR 43 Appendix
 E. W/O # 6242 Signed Steven R. Lyddon
 Southwest AVIATION, Inc. CR# 01280551 2362066

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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	
			TOTAL brought forward from previous page
3-1-99	3706.	1931 hrs	<p>Copy 1 of</p> <p>P/N 8140B-35 S/N 10685 P/N _____ S/N _____ Altimeter-Encoder-Transponder Data Correspondence Tests And Inspections Required By FAR 91.411 Were Performed To 3000 Ft. And Found To Comply With FAR 43 Appendix E. Signed <i>[Signature]</i> WO # 6700 Southwest Avionics, Inc. 2362668 CRS # OF2RO55L Date 3-1-99</p>

#1

The ATC Transponder Tests And Inspections
Required By FAR 91.413 Were Performed And
Found To Comply With FAR 43 Appendix F.
WO # 6700 Date 3-1-99
Make *King* Model *KT76* S/N 39087
Signed *[Signature]*
Southwest Avionics, Inc. CRS # OF2RO55L

#2

The ATC Transponder Tests And Inspections
Required By FAR 91.413 Were Performed And
Found To Comply With FAR 43 Appendix F.
WO # 6700 Date 3-1-99
Make *King* Model *KT76* S/N 62360
Signed *[Signature]*
Southwest Avionics, Inc. CRS # OF2RO55L

2-22-00			Replaced A/C battery G246. <i>Nel's</i> <i>Wichiff</i> A-144466429
4-3-00	HM: 2111 hrs		<p>Overhauled PS Engineering PM501 per AP43.13 -1B02A, See 337 check plate New empty-5179.3 lb. New CG. 152.79, New useful load - 7290.7 New moment. RB#OF2RO55L <i>[Signature]</i> 2362668</p>

5-1-01 HOURMETER: 2195 N777BF
C/W AD's 72-11-05, 72-14-08R1, 2000-01-16.
ELT TESTED PER FAR 91.207d.
I CERTIFY THIS AIRFRAME WAS INSPECTED IN
ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS
DETERMINED AIRWORTHY THIS DATE.
[Signature] RANDALL L. ANDERSON
A&P 2124292IA

N777BF

4-7-2000 Time in service 3886 hours. HM 2111 hours. Annual inspection per C-421 service manual and inspection guide. Aircraft cleaned and lubricated throughout. Aircraft jacked, serviced all wheel bearings, lubed landing gear, performed rigging check and ops checks, performed emergency extension check, installed new right main tire, ELT inspected per 91-207 ok, G-switch and ops check performed OK, 5 second test. Complied with AD 2000-01-16 as follows: (b) visual insp OK (c) removed both tailpipes and inspected OK (d) inspected engine beams and bulkheads OK (e) pressure tested complete system (f)n/a (g) repaired aft system components as follows- removed both rear slipjoints and 45 angle sections and sent for repair and inspection by CRS NJ5R069N on WO*67381 and reinstalled aft components with new bolts and springs as necessary. Also installed new LH forward crossover pipe PN K9910379-15. Next insp due 2161 HM. Cleaned gascolator screens, serviced battery and box, filled brake reservoirs, replaced day/night switch, cleaned heater ignitor, replaced both beacon bulbs, replaced forward belly drain rubber, installed new upper cabin floor extender, installed servicable prop de-ice timer. Installed new right outboard fuel cell. Aircraft run-up and ops checked ok for return to service.

Date 4-7-00 Tach 2111

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

Steven R. Lyden APS22887638JA

Airframe Total Time: 3989.0
Hour Meter: 2214.0
Date: 05-22-01

Cessna S/N 421B0315 N777BF

Log book closed this date and total time. See RAM Log No. 4 for future entries. Pertinent details are on file under work order no. 5043.

Robert Franklin

RAM Aircraft, Limited Partnership, P. O. Box 5219, Waco, Texas 76708 CRS VA1R551K

4-27-00 HM 2132 N777BF

Installed New RH middle fuel cell. Replaced 1 LH prop de-ice boot. Ops ✓ OK.

Steven R. Lyden
APS22887638JA

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