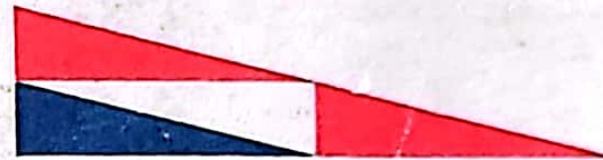


Cessna®



ARTEX
ARTEX AIRCRAFT SUPPLIES, INC.
14405 Keil Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901

LOG BOOK ENTRY 11-23-01
E.L.T. BATTERY REPLACEMENT DATE AUG 2003

AIRCRAFT LOG AND MAINTENANCE RECORD

N 759ZT SERIAL NO. 18266395



AIRCRAFT LOG AND MAINTENANCE RECORD

Record of Cessna 182 Q 18266395 N759ZT
Make Model Serial Certificate

With Engine Continental O-470-U 467165
Make Model Serial

From _____ 19____ to _____ 19____

Detailing Time From _____ To _____
Hours Hours

Owner MAYNARD CARTER LOWELL GEORGE
GLEN VAN SLYKE CLYDE COLE

Address 1700 GRAINGER AVE. KNOXVILLE, TENN.
617 DEPOT AVE KNOXVILLE, TENN.

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
78	VOR 1	VOR 2	Signature	19	
4/11	+1°	0°	<i>[Signature]</i>		<div style="border: 2px solid black; padding: 10px;"> <p>I have inspected this aircraft and found it to comply with FAR 21.183. All mandatory changes have been incorporated. The altimeter instrument was tested <u>11-30-77</u> to an altitude of <u>20</u> thousand feet and found to comply with Appendix E of Part 43. Automatic pressure altitude reporting equipment was tested and found to comply with Appendix E of Part 43, and calibrated <u>3-28-78</u> in compliance with FAR 91.36(b). The ATC transponder was tested and inspected <u>4-5-78</u> and found to comply with Appendix F of Part 43. The static pressure system was tested and inspected in accordance with FAR 91.170, and a Standard Airworthiness Certificate dated <u>4-21-78</u> was issued by me.</p> <p style="text-align: right;"><i>[Signature]</i> Executive Engineer Cessna Aircraft Co., Part 91 Delegation Option Manufacturer: CE-1</p> <p style="text-align: right;">By <u><i>[Signature]</i></u> L. E. Spalding</p> </div>

AIRCRAFT LOG

This document complies with the provisions of FAR 91.403		DATE	REMARKS
Model	Registration	78	Enter here general data with reference to "Type" and "Basic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propulsion or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." This data must show the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

6-13 Installed King KMG2 DME. See FAA Form 337 this
del

New Empty Wt. 1846.1 lbs
New Empty Wt. C.G. 35.3" aft datum
New Moment 65115 " lbs
New Useful load 11039 lbs

Installed by Sexton Aviation Electronics
P. O. Box 1816, Municipal Airport,
Maryville, Tenn.. Repair Station #5429
Inspector J
Number 1816092

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 28 Sept 13-78	TACH 103.7 Hobbs 114.1		100hr inspection Completed Checked All moveable and Fixed control surfaces, Cables, Pulleys AND push pull rods. Serviced Brake cylinder, checked Brake pads. Checked tires and serviced with proper air pressure. Checked All nav lights Strokes, left Strobe inop Bulb replaced with P/N C622006-0108. Corrosion noted on left side of cabin around ELT Location - Spray area with neutralizer to prevent corrosion from spreading - Painted area with protector paint. Inspected Airframe for general condition AND NEW ELT BATTERY REPLACED ^{NEEDS} replaced because of leakage of battery. New Replacement DATE Jun 1983 P/N C589511-0105 BATTERY PACK.				
CONT. Next Page							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19__	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error	Place	Signature		
1978	VOR 1 VOR 2				
Sept 19-78		TACH 103.7			Checked AD Notes 77-02-09 wing flap system N/A S/W
		Hobbs 114.1			77-12-08 Exposed ground plug N/A S/W
					77-14-09 A/c controllability N/A S/W
					78-23-11 Loose ELT ANTENNA N/A S/W
					78-01-14 { Loose ELT ANTENNA N/A S/W
					} Cover installed by factory
					Checked All AD noted up to DATE as our records show
					ELT OUT FOR REPAIRS Part on ORDER
					I certify that this <u>AIRCRAFT</u>
					has been inspected in accordance with a
					<u>100 hr</u> inspection and was
					determined to be in airworthy condition
					Date <u>Sept 13, 1978</u>
					Signature <u>Edward Eklemt A11140461</u>
					^{FOR} SMOKY MOUNTAIN AERO, INC.
11-28-78		TACH 114.8			Installed new BATTERY PACK in ELT P/N C582511-0005
		Hobbs 125.9			Checked operation and returned to service new
					Replacement DATE Jan 1983. Edward Eklemt A11140461
					Smoky Mountain Aero, Inc.

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT	
					HOURS	10THS		
19 4-2-79	TACH 198.4		ANNUAL INSPECTION		CKED		FLIGHT CONTROL	
			AND CONTROL SYSTEMS		CKED		TIRES ELECTRICAL	
			SYSTEM REMOVED BATTERY		SERVICED		REINSTALLED	
			REMOVED ELT BATTERY PER AD 79-05-02		ELT			
			LESS BATTERY REINSTALLED AND		PLACARDS			
			INSTALLED, FUSELAGE CORROSION		TREATED AND			
			ZINC CHROMATED, ALL WHEEL BEARING		CLEANED			
			INSPECTED AND REPACKED. GROUND		CKED ALL			
			SYSTEMS NORMAL AIRFRAME		RETURNED TO SERVICE			
			MAINTENANCE RELEASE STAMP					
			I certify that this AIRFRAME		has been inspected			
			in accordance with an ANNUAL		inspection and			
			was determined to be in airworthy condition.		Pertinent			
			details of this inspection are on file at this agency under					
			work order No. 3101		Date 4-2-79			
			Signed Thomas H. Klem					
			Repair Station No. 762-2					
			SMOKY MTN. AERO. INC.					
			Route 3, P.O. Box 100, Tyson Airport					
			Alcoa, Tenn. 37701					

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

1000 Standard operating procedure as prescribed by FAR 91.403				DATE	REMARKS
Type	Serial number	Name	Registration		
				8-8-79 TACH 212.0	REPLACED DEFECTIVE ALTERNATOR REGULATOR 5 AMP. CIRCUIT BREAKER OPERATION OK ON GROUND RUN UP NORMAL Thomas R. Went AP2183105
				8-9-79 TACH 212.0	REPLACED BATTERY RELAY & 15.00-1 Thomas R. Went AP2183105
				11-5-79	INSTALL FODDING KIT PER AV79-12. Ruston Avonlea Repair Station 5429 Knoxville, TN. Charles H. Fine Jr. 2247856

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 <u>80</u>							
<u>3-15-81</u>	<u>TACH. 294.3</u>		<u>I certify this AR# RT-359A # 41420-1128</u> <u>SN 16854 has been test and inspected</u> <u>in accordance with 9/1/77 as per FAR 43</u> <u>appendix F and found to comply. Test</u> <u>the again 3-15-82</u>				
							<u>Septon Aviation, Class</u> <u>Paducah Station 5/29 I, II</u> <u>Knoxville Tennessee +III</u> <u>OK Carter H. Hise Jr. Pilot</u> <u>2248856</u>

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19 ____	
3-17-80		TACH	294.3	19 ____	<p>ANNUAL INSPECTION CKED FLIGHT CONTROLS AND CONTROL SYSTEMS, ELECTRICAL SYSTEM, CLEANED AND REPACKED ALL WHEEL BEARING, CKED SHIMMY DAMPER, ELT, BATTERY MOD. KIT ON ORDER ELT REMOVED FROM A/C FOR MOD. TO BE INSTALLED AD 79-18-05, AD CKED THROUGH 80-05 AD 79-25-07 CN 1-22-80 TACH 277.7 IN ENG 206 BOOK REMOVED PILOT ALTIMETER INSTALLED IN SAME LOCATION UNITED INSTRUMENTS, INC C661671-0101 SN T509 CERTIFIED TO BE TESTED AND FOUND TO COMPLY WITH APPENDIX E OF PART 43 THE ALTIMETER WAS TESTED TO 20000 ON 11-79 BY CESSNA AIRCRAFT ALTIMETER NEW I CERTIFY THE STATIC SYSTEM WAS TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX E</p>

(CONT. NEXT PAGE)

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 3-17-80	TACH 2943		OF FAR 43 ON 3-17-80 REPAIRED STATIC LEAK BY REPLACING LT BUMP BOWL PIN \$1258-1 GROUND CK OF ALL SYSTEMS NORMAL AIRFRAME RETURNED TO SERVICE				
MAINTENANCE RELEASE STAMP							
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. Pertinent details of this inspection are on file at this activity.							
work order: No. <u>4078</u> Date <u>3-17-80</u>							
Signed <u>Thomas R. [Signature]</u>							
Repair Station No. 762-2							
SMOKY MTN. AERO, INC. Route 3, McGhee-Tyson Airport Alcoa, Tenn. 37701							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

402B Reciprocating engine aircraft In accordance with FAR 91.405		DATE	REMARKS
Serial	Registration number	Plane	Signature
40	N1234	Cessna 172B	Date
8/1/80	TACH 315.7	NEW BATTERY PACK AND ELT INSTALLED IN AIRCRAFT EXP DATE SEPT 1981	Lawrence R Sumpster A/P 2091500
10/1/80	TACH 926.7	Installed new 2300mAh Battery - END	Lloyd D Jensen A/P 4350

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT	
					HOURS	10THS		
19 81 3-27	TACH 450	100 HR.	INSPECTION CHECKED	FLIGHT CONTROLS				
	FOR GENERAL CONDITION, CHECKED RATT. & ELECTRICAL SYSTEMS, SERVICED BRAKE RESINOIR, CHECKED ELT BATT. R+R BRAKE LINING, ALL BEARINGS PACKED, R+R FORM BOLT ON NOSE, LUBRICATE ALL FLIGHT CONTROLS, ADJUSTED LEFT WING (TOO HEAVY), CHECKED GENERAL CONDITION OF AIRCRAFT. A/D's CIW THRU 80-06.							
MAINTENANCE RELEASE STAMP					I certify that this <u>AIRFRAME</u> has been inspected in accordance with an <u>AD/DA</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>5285</u> Date <u>3-27-81</u>			I certify that this <u>AIRFRAME</u> <u>100 HR</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition
Signed <u>Lawrence R. Snipe</u>					Date <u>3-27-81</u>			
Repair Station No. <u>762-2</u>					Signature <u>William F. Lee</u>			
SMOKY MTN. AERO, INC.					SMOKY MOUNTAIN AERO, INC.			
Route 3, McGhee-Tyson Airport					P 324 484283			

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE
Alcoa, Tenn. 37701

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
3-15				19 <u>82</u>	<p style="font-size: small;">Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.</p> <p style="font-size: large; text-align: center;"><u>3-15-82</u></p> <p>I certify this <u>ARC RT-359A</u> <u>S/N 16854</u></p> <p>ATC Transponder has been tested and inspected, and found to comply with the Appendix E of FAR 43.</p> <p>Signed <u>Charles H. Zink Jr.</u></p> <p>Cert <u>2248856</u></p> <p>For Sexton Aviation Electronics McGhee Tyson Airport Knoxville, Tenn. Repair Station 5429 <i>Now Professional Jet Service</i></p>

ARS. 392.1

3-15-82

I certify this ARC RT-359A S/N 16854

ATC Transponder has been tested and inspected, and found to comply with the Appendix E of FAR 43.

Signed *Charles H. Zink Jr.*

Cert 2248856

For Sexton Aviation Electronics
 McGhee Tyson Airport
 Knoxville, Tenn.
 Repair Station 5429 *Now Professional Jet Service*

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 3-19-82	TALH	592.0	ANNUAL INSPECTION COMPLETED				
			CHECKED FLIGHT CONTROLS AND CONTROL SYSTEMS INSPECTED ELECTRICAL SYSTEM				
			LANDING GEAR ALL WHEEL BEARING CLEANED INSPECTED AND LUBED REPLACED				
			LH. MAIN TIRE REPLACED ELT BATTERY NEW REPLACEMENT DATE NOV 1983				
			REPLACED GLARE SHIELD COVER AND 4 ENGINE COWLING LORD MOUNTS				
			SERVICED A/C BATTERY				
			Removed (<input checked="" type="checkbox"/> Left <input type="checkbox"/> Right) Altimeter. Installed in same location (Make (LT) <u>AEROSONIC</u> (RT) <u>NA</u>)				
			Model (LT) <u>101720-01694</u> (RT) <u>NA</u>				
			S/N (LT) <u>C120725</u> (RT) <u>NA</u> . Static system tested and certified to comply with Appendix E of FAR 43. The altimeter was tested to <u>20000</u> ft. on <u>DEC 10 1981</u> by <u>BARFIELD INST. CORP. NO. 0659</u>				
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							(CONT. NEXT PAGE)

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19 _____	
					AD NOTES CHECKED THROUGH ISSUE
					82-05 GROUND OPERATION OF AIRCRAFT
					SYSTEMS NORMAL AIRCRAFT RETURNED
					TO SERVICE — END —
					MAINTENANCE RELEASE STAMP
					I certify that this <u>AIRCRAFT</u> has been inspected
					in accordance with an <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>6287</u> Date <u>3-19-82</u>
					Signed <u>Thomas R. King</u>
					Repair Station No. 762-2
					SMOKY MTN AERO, INC.
					Route 3, McGhee-Tyson Airport
					Alcoa, Tenn. 37701

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 1-17-83	TACH 713.7	REPLACED	LH STRUT COVER PLATE PIN 0741640-1 SERVICED TIRE PRESSURE				Thomas R. Mont A+P 2183105
3-21-83	TACH 729.1 TAF 729.1		ANNUAL INSPECTION COMPLETED. FLIGHT CONTROLS AND CONTROL SYSTEMS INSPECTED. ALL BATTERY REMOVED SERVICED AND INSTALLED. ELECTRICAL SYSTEM INSPECTED. LANDING GEAR INSPECTED FOR GENERAL CONDITION. RH MAIN TIRE AND NOSE TIRE REPLACED. ALL WHEEL ASSY. BALANCED. ALL WHEEL BEARING INSPECTED RETURNED TO SERVICE WITH NEW BEARING GREASE. ALL BRAKE LININGS REPIPED. O-RING REPLACED IN RH. BRAKE				(CONT NEXT) PAGE

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

CONT. FROM LAST PAGE AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature	
		Repair Station No. 702-2	Signed Thomas R. [Signature]	<p>1983</p> <p>MAINTENANCE RELEASE STAMP</p> <p>certify that this aircraft has been inspected in accordance with an <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>7820</u> Date <u>3-21-83</u></p> <p> <u>7820</u> <u>781449</u> <u>B81627</u> <u>B87408</u> </p> <p> CYLINDER. AIRFRAME INSPECTED FOR GENERAL CONITION. RH. STROBE FLASH TUBE REPLACED. AILERON CABLE TENSION ADJUSTED. AUTO PILOT BRIDLE CABLE TENSION ADJUSTED. AD 82-07-02 R.1 McCawley C200 DOES NOT APPLY TO PROP. SIN 781449 BLADE SIN B81627 AND B87408. GROUND OPERATION CHECK OF AIRCRAFT SYSTEMS NORMAL. AIRCRAFT RETURNED TO SERVICE. ALTITUDE DVE CERTIFICATION DEC. 10, 1983. ELT BATTERY DVE REPLACEMENT NOV. 83. AD NOTE CHECKED. </p>
		PROFESSIONAL JET SERVICE McGhee Tyson Airport Alcoa Tenn. 37701		

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION ACCUMULATED
19				
I certify that the altimeter and static system tests required by FAR Part 91.171 have been performed.				
Static System test date <u>3-15-84</u>				
Altimeters tested to <u>20,000</u> feet				
L/H altimeter S/N <u>C120723</u>				
R/H altimeter S/N _____ date _____				
Signed <u>[Signature]</u>				
For Stevens Aviation, Inc., Knoxville, Tennessee				
Repair Station 4359				

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE T

ALTITUDE	SCALE ERROR	FRICTION ERROR	CASE LEAK	HYSTERESIS	ALTITUDE	UP READING	DOWN READING
-1000	0		0				
0	0						
500	0						
1000	+5	+20			8,000	+5	+10
1500	+10						
2000	+5	0			10,000	0	-5
3000	+5	+20					
4000	+15						
5000	+10	+15					
6000	+5						
8000	+5						
10000	0	-5					
12000	-15						
14000	-15						
15000	-60	-30					
16000	-35						
18000	-60						
20000	-90	+20					
22000							
25000							
30000							
35000							
40000							
45000							
50000							

CASE LEAK 0

HYSTERESIS

ALTITUDE	UP READING	DOWN READING
8,000	+5	+10
10,000	0	-5

AFTER EFFECT 0

BARO. SCALE ERROR

28.10	(1725) -2
28.50	(1340) 0
29.00	(870) +7
29.50	(395) +3
29.92	0
30.50	(535) +4
30.90	(890) -3
30.99	(970) -4

ALTIMETER SERIAL NO.
C120723

DATE TESTED
3-15-84

MECHANIC
Clint Johnson

INSPECTOR

Tested in compliance with Appendix E, Part 43, F.A.A. Regulations, 29 July 1965.

Calibrated to 20,000 ft.

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error	Place		
	VOR 1 VOR 2			19 _____

3/22/84 TAC - 825.1 HRM. 821.7 Checked TIRES & BRAKES
 LUBRICATED A/C. REPACKED WHEEL BEARINGS
 C/W AD NOTE 83-13-01 BY INSTALLING
 PHACARD. SERVICED BATTERY. SEE LIST
 OF ACDs IN REAR OF LOG. COMPLETED 100HR END.

Total Time 825.1

I Certify That This PIPER PA-12 Has Been Inspected
 In Accordance With A 100HR/ANNUAL Inspection And
 Was Determined To Be In Airworthy Condition.
 Pertinent Details Of This Inspection Are On File At
 This Agency Under Work Order No. 6991
 Date 3/22/84 Signed [Signature]
 For Stevens Aviation, Inc., Knoxville, Tenn.
 Repair Station 4350

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT		ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
						HOURS	10THS	
19 <u>84</u>								
<u>825.8</u>			TRANSPONDER TEST I certify the ATC transponder test and inspections required by FAR 91.177 were performed this date and found to comply with FAR 43, Appendix F.					
	No. 1 MAKE	<u>ARC</u>	MODEL <u>RT 359A</u>	S/N <u>16854</u>				
	No. 2 MAKE	<u>---</u>	MODEL <u>---</u>	S/N <u>---</u>				
	Details of this inspection are on file at this repair station under w.o. # <u>59250</u> .							
	DATE <u>4-2-84</u> BY <u>David J. Miller #2331977</u>							
	for PROFESSIONAL JET SERVICE R/S 762-2 McGhee Tyson Airport, Alcoa, Tenn. 37701							
	DUE <u>4-2-86</u>		HOURS <u> </u>					
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE								

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
4/10-84				19 <u>84</u>	<p style="text-align: center;"><u>ENCODING</u></p> <p>Removed (Left <u>Right</u>) Altimeter. Installed in same location (Make (LT) _____ (RT) <u>HEROSONIC</u>) Model (LT) _____ (RT) <u>101920-01550L</u> SN (LT) _____ (RT) <u>104243</u>. Static system is not certified to comply with Appendix E of FAR 43. The altimeter was tested to 20,000 ft on <u>4-9-84</u> by <u>David J. Miller</u></p> <p style="text-align: center;"><u>PROFESSIONAL JET SERVICE, INC.</u> Repair Station No. 762-2 Airport Highway, Alcoa, Tennessee 37701</p> <p>PERFORMED CORRELATION TEST BETWEEN TRANSPONDER, ALTIMETER, AND ENCODING ALTIMETER IAW FAR 91.172 PARA B.</p> <p style="text-align: right;"><u>David J. Miller #2331977</u> <u>Professional Jet Service R.S. 762-2</u></p>

AVIONICS AMERICA, INC.

FAR Certified Repair Station 762-2
 2287 AIRPORT HIGHWAY • ALCOA, TENNESSEE 37701 • PHONE 970-9000

F.A.R. PART 43 APPENDIX E SCALE ERROR TEST

- 1,000 +5
- 0 0
- + 500 -10
- + 1,000 -5
- + 1,500 -10
- + 2,000 -10
- + 3,000 -15
- + 4,000 -5
- + 6,000 -10
- + 8,000 -15
- + 10,000 -35
- + 12,000 -45
- + 14,000 -45
- + 16,000 -50
- + 18,000 -55
- + 20,000 -40
- + 22,000 X
- + 25,000 X
- + 30,000 X
- + 35,000 X

ALTIMETER TEST RECORD

WORK ORDER # 1426

START PRESS 29.92

FINAL PRESS 29.92

HYSTERESIS TEST 30 50 3 25 40x

FRICITION TEST

1,000 10 20,000 20

2,000 10 25,000 X

3,000 15 30,000 X

5,000 15 35,000 X

10,000 20

15,000 20

CASE LEAK TEST 10'

AFTER EFFECT 15

CUSTOMER Mayfield Center

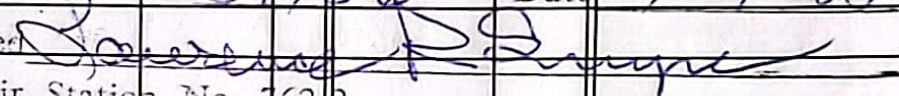
MODEL Herosonic 101920-01694

SERIAL NUMBER C120723

SIGNATURE Charles H. Smith

DATE TEST PERFORMED 3-10-86

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 ⁸⁸ 4-4-85	TACH 912.6		ANNUAL INSPECTION (COMPLETED)				(Checked wheels TIRES & BRAKES, Checked Flight Controls & LUBRICATED LUBRICATED ALL WHEEL BEARINGS REPLACED ALL BRAKE LININGS, REPAIRED BOTH TIP CATS. SERVICE NOSE STRUT & SHIMMY DAMPER. (CHECKED AD 84-10-01 FUEL TANKS SERVICE KITS ARE ORDERED & PLACARD INSTALLED AIRFRAME (CHECKED FOR GENERAL CONDITION) ALL SYSTEMS GROUND CHECK OK
MAINTENANCE RELEASE STAMP							
I certify that this AIRCRAFT has been inspected							
in accordance with an ANNUAL inspection and							
was determined to be in airworthy condition. Pertinent							
details of this inspection are on file at this agency under							
work order: No. 58456 Date 4-4-85							
Signed 							
Repair Station No. 762.0							
PROFESSIONAL JET SERVICE							
McGhee Tyson Airport							
Alcoa, Tenn. 37701							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error VOR 1 VOR 2	Place	Signature		
19__					
4-4-85		TACH 912.6		INSTALLED	PRECISE FLIGHT INC. STANDBY VACUUM SYSTEM TO ACCORDANCE WITH AIRFRAME STC #SAB162NM AND CONTINENTAL STC #SE170NM NEW WEIGHT & BALANCE BELOW
		NEW EMPTY WEIGHT	C.G.	35.27"	AFT OF DATUM
		NEW EMPTY WEIGHT		1,847.9	LBS
		NEW USEFUL LOAD		1,102.10	LBS
		GROSS WEIGHT		2,950.0	LBS
					FAA FORM 337 IN ACFT FOLDER
					Lawrence R Smyth ATP 2091500
5-16-85		925.5 C/WAD	84-10-01	INSTALLED	CESSNA FUEL DRAIN KITS IN ACCORDANCE WITH SERVICE LETTER SE84-9
					Lawrence R Smyth ATP 2091500

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 3-11-86	Tack 1006.2		Replace ECU Battery due Jan 1989, check battery, replace 1 flood light bulb, reline left & right fuses, service brake pedal, remove wheel bearing, air test wing & make control surfaces & hinge points				
	Altimeter Due 4-86						
	Transponder Due 4-86						
INSPECTION							
		Date <u>3-11-86</u>	Total Time <u>1006.2</u>	I certify this		<u>Airframe</u>	
		has been inspected in accordance with a <u>Provisional</u> inspection,			and was determined to be in Airworthy Condition. Details of file this.		
		Repair station under W/O no. <u>30997</u>					
		Signed <u>Carter D Coyb A+P 219505706</u>					
		Repair Station no. 762-5					
MAINTENANCE RELEASE							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Bearing error	Place		
VOR 1	VOR 2		19	
3-13-86				
	852.5			I certify that this transponder Make #1 <u>ARC</u> #1 S/N <u>16854</u> #2 <u>N/A</u> #2 S/N <u>N/A</u> has been tested and inspected and found to comply with Appendix F of FAR 43 as required by FAR 91.172 and automatic pressure altitude reporting system intergration test and inspected per FAR 43 appendix F paragraph C and in accordance with FAR 91.171 and found to comply. AVIONICS AMERICA, INC. 2287 Airport Highway Alcoa, TN 37701 CRS. 763-26 Tech. <u>[Signature]</u> 2248856

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME	
					HOURS	10THS
19 86						
3-13-86	HRS. 852.5		Encoder			
		Removed (<input checked="" type="checkbox"/> LT <input checked="" type="checkbox"/> ALT) Altimeter. Installed in same location	Make (LT) ALT AEROSONIC ^{ENCODER} (ALT) AEROSONIC			
		Model (LT) 101720-01694 ^{ENC.} (ALT) 744001-001				
		S/N (LT) C120723 ^{ENCODER} (ALT) C105631 Static system tested and certified to comply with FAR 43 Appendix E in accordance with FAR 91.171				
		Altitude pressure reporting system correlation test per FAR 43 Appendix E paragraph G in accordance with 91.171 and found to comply.				
		The altimeter was tested to 20,000 ft. on 3-10-86 by [Signature]				
		AVIONICS AMERICA, INC. FAA REPAIR STATION NO 763-26 2287 AIRPORT HIGHWAY ALCOA, TN 37701				224882
08/19	Installed placards re fuel contamination & seat locks					

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Bearing error	Place	Signature	
VOR 1	VOR 2			
12-15-86	HRS 861			REMOVED Horizon model 5000F-6 $\frac{5}{8}$ 76732F & installed Edo-AIRE $\frac{5}{8}$ 23-501-017 Horizon $\frac{5}{8}$ 64478F performed function test & find ok. yellow card attached Details on W.O. 70033.

EP doing 215.00
outages 215.00

--SERVICEABLE--

Low Aviation Co., Inc.
 Macon Municipal Airport
 P.O. Box 4286
 Macon, Ga. 31208-4286 (912) 788-3491

Repair Station
 No. 701-65

Model 23-501-017 Serial No. 64478F
 Type Altitude gyro Mfg. Edo-Aire
 Customer Aerionics America, Inc.

Calibrate Check
 Repair Overhaul

T.S.O. _____ TTIS _____

Work Order No. 70033 Date 11-12-86

Mechanic [Signature] Inspector [Signature]

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 87							
4-2	Recording	tachometer	1052.3	- 100	Hour	00	Completed
<p><i>this date - Replaced all brake lining - cleaned & Repacked all wheel bearings - Replaced Shimmy dampener - cleaned & Repainted Battery box interior - Serviced Battery & Brake reservoirs - Checked all lights, controls, cables, pulleys - etc - A.D.'s checked thru 85-14-10 - See back of Log for Compliance report. EHT Bat Due Jan- 89</i></p>							
<p>INSPECTION</p>							
<p>Date <u>4-2-87</u> Time <u>1052</u> Aircraft <u>1052</u></p>							
<p>has been inspected in accordance with Annual Inspection, and was determined to be in Airworthy Condition Details:</p>							
<p>to repair station under WFO no. <u>32444</u></p>							
<p>Signed <u>William R. West</u></p>							

DATE OF RELEASE

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Bearing error	Place	Signature	19 ____
VOR 1	VOR 2			
2/11/88	Tech 1139.7 MHz			
				I certify that this transponder Make # 1 <u>MT-359H</u>
				# 1 S/N <u>16854</u> # 2 <u>N/A</u>
				# 2 S/N <u>N/A</u> has been tested and inspected
				and found to comply with Appendix F of FAR 43 as
				required by FAR 91.172 and automatic pressure altitude
				regarding VOR intergration test and inspected per
				FAR Appendix E paragraph C and in accordance with
				FAR 91.177 and found to comply
				AVIONICS AMERICA, INC.
				2287 Airport Highway
				Alcoa, TN 37701
				CRS 763-26
				Tech. <u>[Signature]</u>
				<u>W/O # 2866</u>
				<u>Cert # 2363292</u>

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 <u>88</u>							
<u>2-11</u>	<u>Tech 1139.7 Hrs</u>	Removed	(<input checked="" type="checkbox"/> LT <u>W/nd</u>) (<input type="checkbox"/> RT) Altimeter.				
		location	Make (LT) <u>Aerosemic</u> (RT) <u>Aerosemic</u>				
		Model	(LT) <u>101720-01694</u> (RT) <u>101920-01501</u>				
		S/N	(LT) <u>0170723</u> (RT) <u>C105694</u>				
			Static system installed and certified to comply with FAR 43 Appendix E in accordance with FAR 91.171				
			Altitude pressure reporting system correlation test per FAR 43 Appendix E paragraph C in accordance with 91.171 and found to comply.				
			The altimeter was tested to <u>20,000</u> ft. on <u>2-10-88</u> by <u>Ken Bennett</u>				
			AVIONICS AMERICA, INC. Cert # <u>7863992</u>				
			FAA REPAIR STATION NO. <u>763-26</u> UPO # <u>2860</u>				
			2287 AIRPORT HIGHWAY				
			ACCOA, TN 37701				
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature		
988	VOR 1	VOR 2	19__	

-9	Relanding tach	1139.7	Hours - 100 Hr insp. Completed this date.	Cleaned & Repacked wheel bearings. Replaced one bearing & race in Rt wheel. Replaced all brake lining - Lubricated nose gear. Checked lights & controls, cables, pulleys - & all lights & serviced Brake reservoirs & Batteries. Replaced air intake hose to Rt Rear Vent. A.D.'S checked thru 85-14-10-5-1-
----	----------------	--------	---	--

INSPECTION

Date 3-9-88 Total Time 1139.7 I certify this Aircraft
 has been inspected in accordance with a Annual inspection,
 and was determined to be in Airworthy Condition. Details on file
 this Repair Station under W/O no. 33690
 Signed William R. West
 Repair Station no. 762-5

MAINTENANCE RELEASE

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT	
					HOURS	10THS		
19 89								
4-1	Took & total time		1248.3	100 Hr	wisp		Completed this date - Replaced Brake lining - Replaced "O" Ring Seal in left Brake Cleaned & Repacked wheel Bearings. Replaced nose tire & tubes & one bearing & cup - Lubed nose gear - Replaced ELT Battery Due Feb-1991, checked & serviced Battery & Brake reservoirs, Replaced courtesy light bulb, left turn - & one instr. light bulb - Lubed hinge points, checked cables, pulleys & structure & controls AD'S Checked thru 85-14-10 See back of log for Details.	
INSPECTION								
Date		4-1-89	Total Time	1248.3	I certify this Aircraft			
has been inspected in accordance with a <u>Annual</u> inspection, and was determined to be in Airworthy Condition. Details on this								
Repair station under W/O no.		35069						
Signed		<u>William R. Maas</u>			MAINTENANCE RELEASE			
Repair Station No. 1525								
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE								

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
4/5/90		1324.4hr	<i>[Signature]</i>	19__	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown. I certify that this Altimeter. LT <u>✓</u> RT <u>Encoder</u> Make: LT <u>Endevco</u> RT <u>Endevco</u> Model: LT <u>101720-01694</u> RT <u>101920-01530</u> S/N # LT <u>C120723</u> RT <u>C105631</u> has been tested and inspected and found to comply with Appendix E of Part 43. The altimeter(s) was/were tested to a maximum altitude of LT <u>20000</u> feet on <u>4-5-90</u> RT <u>20000</u> feet on <u>4-5-90</u> The static system(s) was/were tested and inspected and found to comply with FAR 43 Appendix E I.A.W. 91.171. Altitude pressure reporting system correlation test FAR 43 Appendix E paragraph C I.A.W. 91.172 and found to comply. Details on W.O. # <u>4460</u> Avionics America, Inc. Date: <u>4-5-90</u> 2287 Airport Hwy. Cert. # <u>30044241498</u> Alcoa, Tenn. 37701 Tech. <u>NonCommitt</u> GPS TC4R539M

AVIONICS AMERICA, INC.

F.A.R. PART 43 APPENDIX E SCALE ERROR TEST

- 1,000 0
- 0 -10
- + 500 -5
- + 1,000 0
- + 1,500 -5
- + 2,000 -10
- + 3,000 -5
- + 4,000 -10
- + 6,000 -15
- + 8,000 -35
- + 10,000 -50
- + 12,000 -75
- + 14,000 -95
- + 16,000 -105
- + 18,000 -110
- + 20,000 -115
- + 22,000 X
- + 25,000 X
- + 30,000 X
- + 35,000 X

ALTIMETER TEST RECORD

WORK ORDER # 4460
 START PRESS 29.88
 FINAL PRESS 29.88
 HYSTERESIS TEST -10 50 ± +5 40%
 FRICTION TEST
 1,000 25 20,000 35
 2,000 25 25,000 X
 3,000 25 30,000 X
 5,000 40 35,000 X
 10,000 30
 15,000 35
 CASE LEAK TEST dft
 AFTER EFFECT +15 ft
 CUSTOMER Maynard Carter
 MODEL 101720-01694
 SERIAL NUMBER C120723
 SIGNATURE NonCommitt
 DATE TEST PERFORMED 4-5-90

AVIONICS AMERICA, INC.
 FAA Certified Repair Station No. 763-26
 2287 AIRPORT HIGHWAY
 ALCOA, TENNESSEE 37701

CUST. Maynard Carter
ACCEPTED OR SERVICEABLE TAG
 NAME Altimeter
 TYPE 101720-01694
 S/N C120723
 P. O. _____
 W. O. 4460
 DATE 4-5-90
 CERTIFIED REPAIRED
 TESTED NEW
 REMARKS: Tested IAW Part 43 Part 1 found to comply
 INSPECTOR NonCommitt

AVIONICS AMERICA, INC.
 FAA Certified Repair Station No. 763-26
 2287 AIRPORT HIGHWAY
 ALCOA, TENNESSEE 37701

CUST. Maynard Carter
ACCEPTED OR SERVICEABLE TAG
 NAME Encoder
 TYPE 101920-01530
 S/N C105631
 P. O. _____
 W. O. 4460
 DATE 4-5-90
 CERTIFIED REPAIRED
 TESTED NEW
 REMARKS: Tested IAW Part 43 Part 1 found to comply
 INSPECTOR NonCommitt

MEMORANDA

Date

4-5-90

1324.4 hr Tech

I certify that this transponder Make # 1 AT 359A

S/N # 16854 Make # 2 N/A S/N # N/A

has been tested and inspected and found to comply with Appendix F of FAR 43 as required by FAR 91.172 and automatic pressure altitude reporting system intergration test and inspection per FAR 43 appendix E paragraph C and in accordance with FAR 91.171 and found to comply.

Details on W.O. # 4460 Avionics America, Inc.

Date: 4-5-90 2287 Airport Hwy.

Cert. # 304424498 Alcoa, Tenn. 37701

Tech. Tom Lane CRS TC4R539M

MEMORANDA

Date	
10-24-01	<p>2187 TACH + TTAC BRAKES + BATT SERVICED Controls Subad SEATS INSP. + FOUND OK IAW AD 87-20-03 R2 SEE AD LIST (SEPARATE) FOR AD'S THIS DATE ELT DM6 S/N 8295 REMOVED FOR SERVICE. + PLACED INSTALLED STANDBY VIK SYSTEM IS LISTED AS INOP EQUIPMENT PENDING FUNCTION TEST</p> <p>SHRCL 40 AD OIL + NEW FILTER INSTALLED PLUGS WERE CLEANED + GAPPED. COMP OK, LEAK CK + RUN-UP NORMAL INTAKE PIPE X-OVER TUBE CLAMP WAS REPLACED 3 CONVL LOPD MTS REPLACED</p> <p>I CERTIFY THAT THIS AIRCRAFT, ENGINE, PROP HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>10hr/ANNUAL</u> INSPECTION AND IS IN AN AIRWORTHY CONDITION.</p> <p><i>Tom Whited</i> AP 1675099 IA</p>
11-23-01	<p>ABOVE ELT RE-INSTALLED WITH NEW BATT AUG 2003 REPLACEMENT DATE. G-SWITCH + RADIATION TEST OK PLACED (REMOVED) <i>Tom Whited AP 1675099</i></p>

MEMORANDA

Date	
1/23/80	AD 79-25-07 C/W ENTRY MADE IN ENGINE LOG BOOK LR Dwyer
3-22-84	AD 83-13-01 C/W BY INSTALLING FUEL PUMP RS 4350
5-16-85	AD 84-10-01 C/W BY INSTALLING KIT # SE84-9 A & P 2091500
4-1-87	AD-85-14-10 N/A Hartzell prop NOT installed RS-762-5
4-1-87	AD-83-22-06 N/A Due to S/N. RS-762-5
4-1-87	AD 83-27-02 P1-C Prop overhauled 3-19-84 By ATL Prop. Ser. Inc. RS-762-5
4-1-89	AD-84-26-02 End Air Filter Replaced @ 1033 Hrs. OK @ 1248.3 RS-762-5
4-5-90	A.D. 87-20-03 C/W by [unclear] 1324 K.S. 762-5
4-5-90	A.D. 89-22-05 N/A Hartzell K.S. 762-5
4-5-91	AD 90-21-08 N/A Due to model & S/N# RK 4R495M
4-5-91	AD 86-24-07 Engine Control Attachment RK 4R495M
5-7-92	AD 84-26-02 Air Filter Replaced. RK 4R495M