

**Cessna**®



AIRCRAFT LOG AND MAINTENANCE RECORD

N 52578 SERIAL NO. 177R51207



AIRCRAFT LOG AND MAINTENANCE RECORD

Record of Cessna 177RS 177RS1207 N52578
Make Model Serial Certificate

With Engine Lycoming TD-360-A1B6D L-17290-51A
Make Model Serial

From _____ 19____ to _____ 19____

Detailing Time From _____ Hours To _____ Hours

Owner _____

Address _____

VOR Receiver operation checked in accordance with FAR 91.25

DATE

Date	Bearing error		Place	Signature
	VOR 1	VOR 2		

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.

Tach time 100 hrs 100 hr inspection this date in accordance with ~~paper~~^{CESS} inspection quite usual + operational check of all systems and components lubricated controls I certify that this aircraft has been inspected in accordance with a 100 hr inspection and determined airworthy Glenn Heil
AIP 292547956

AIRCRAFT

DATE 9/30 19 77	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
<p><i>TRCH 200 completed 100HR inspection. This date check all control surface cables, pulleys, etc. replace both sets of brakes. Oil and pulleys. NO ADS apply. AD check thru 77-14-09</i></p>							
<p>100 HR INSPECTION</p>				<p>I CERTIFY THAT THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH: A <u>100 HR</u> INSPECTION AND DETERMINED TO BE AIRWORTHY</p>			
				<p><i>Robert A. Young</i> PILOT FOR <u>3653/553</u> TRAINAIR AVIATION, INC. TOLEDO METCALF AIRPORT MILLBURY, OHIO</p>			

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

AIRCRAFT LOG

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.

VOR Receiver operation checked in accordance with FAR 91.25			
Date	Bearing error	Place	Signature
VOR 1	VOR 2		

DATE
19 ____

100 HR.
INSPECTION

TACH 300

I CERTIFY THAT THIS Airframe
HAS BEEN INSPECTED IN ACCORDANCE
WITH: A 100hr INSPECTION
AND DETERMINED TO BE AIRWORTHY

Storvick A&P FOR
292547956

TRAINAIR AVIATION, INC.
TOLEDO METCALF AIRPORT. WO # 2144
MILLBURY, OHIO

AIRCRAFT

DURATION OF FLIGHT

ACCUMULATED TOTAL FLYING TIME

SIGNATURE OF PILOT

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 78 FEB 6, 1978			Exchange encoders OLD 27148, new 25257405471 — Encoder				
			The altimeter J1041 checked to <u>20K</u> on <u>2-277</u> . The static system checked and found to <u>OK</u> transponder <u>OK</u> Static leaks <u>OK</u>				
			comply with FAR 91.170. The ATC <u>300</u> transponder <u>411352</u> speed minimum <u>OK</u>				
			was tested and found to comply with FAR 91.177 (43F).				
			Automatic altitude reporting equipment was tested				
			<u>26-78</u> in compliance with FAR 91.35.				
			PRENTICE AIRCRAFT, INC.				
			FAA Approved Repair Station # 3771				
			By: <u>Charles H. Blomquist</u>				
			Adrian, Michigan				

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

REMARKS

VOR Receiver operation checked in accordance with FAR 91.25

DATE
4 17
19 78

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.

Bearing error
VOR 1 VOR 2

Place

Signature

TACH 400

completed 100 HR inspection this date
check control surfaces, yokes, pulleys, etc
changed both wheels. no AD apply

100 HR.
INSPECTION

I CERTIFY THAT THIS Aircraft
HAS BEEN INSPECTED IN ACCORDANCE
WITH: A 100 HR INSPECTION
AND DETERMINED TO BE AIRWORTHY
Robert D Krusel FOR
368521558
TRAINAIR AVIATION, INC.
TOLEDO METCALF AIRPORT
MILLBURY, OHIO

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			
Date	Bearing error	Place	Signature
	VOR 1 VOR 2		

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.

100 HR.
INSPECTION

DATE 9/8/78 TACH 514.6
 I CERTIFY THAT THIS AIRCRAFT ~~ENGINE~~ HAS BEEN INSPECTED
 IN ACCORDANCE WITH A 100 HR INSPECTION AND
 IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS
 INSPECTION ARE ON FILE AT THIS REPAIR STATION UNDER

W. O. # 2571
checked A/D by 78-17-03

SIGNED [Signature] AP 373907061

TRAINAIR AVIATION
~~CERTIFIED REPAIR STATION #006-16~~
 4200 MARTIN MOLINE RD.
 MILLBURY, OHIO
 (419) 838-5111

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
DATE <u>12/13/78</u>			TACH <u>600</u>				
I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED							
IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND							
IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS							
INSPECTION ARE ON FILE AT THIS REPAIR STATION UNDER							
W. O. # <u>2706</u>			ELT DATE <u>Feb 1982</u>				
SIGNED <u>Glenn Heil</u>							
TRAINAIR AVIATION CERTIFIED REPAIR STATION # C06-16 1200 MARTIN MOLINE RD. MILLBURY, OHIO (419) 838-5111							
<h1>ANNUAL INSPECTION</h1>							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

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.

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

I certify this Aircraft

has been inspected in accordance with a 100 HR inspection and

determined to be in an Airworthy condition. Date Feb/22/79

TACH 645.4 TOTAL 645.4

M&P Mechanic Jeffrey A Moreland
License No. AP 223828925

Feb/22/79 Tach 645.4 Inspected aircraft, serviced all wires, battery, and brake reservoirs. Replaced one landing light. Replaced all brake linings, rotated both main tires. Reprofiled and painted prop. Performed retraction test. Washed down engine and lubricated controls. AD's checked thru issue 79-03 for applicability and compliance.

Jeffrey A Moreland
AP 223828925

March 8/79 Tach 660.9

REMOVED ELT (S/N 3653) AS PER AD 79-05 C A/C MAY NOT BE OPERATED AFTER 180 DAYS FROM THIS DATE WITHOUT AN ELT INSTALLED.

79 MAR 8 77° 79° AIR CK E. Moreland

Jeffrey A Moreland
AP 223828925

AIRCRAFT

ACCUMULATED
TOTAL
FLYING TIME
HOURS 10THS

SIGNATURE OF
PILOT

19

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME	SIGNATURE OF PILOT
3-26-79	Tach. 712.4		C/w AD 79-05-02 EL7 Alkaline Battery Service Kit SK 185-20 C584511-018. Battery Date MAR. 80 Weight & Balance data revised this date Edward F. Heltzer RP 1541126			

March 27/79	Tach 714.8		Replaced Serviced.	LT & RT MAIN TIRES AND Jeffrey W. Howland RP 223828925		
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REMARKS

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 ____
Date	Bearing error VOR 1 VOR 2	Place	Signature	

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.

3-29-79 Tach 716.8 Replaced DG. S/P on 35602
 Replaced Nose Tire Replaced Throttle
 Switch Actuator for Gear Warning Horn.
 Edward R. Heltbuck AP 1541126

I certify this AIR CRAFT
 has been inspected in accordance
 with a 100 HR inspection and
 determined to be in an AIR WORTHY
 condition. Date 5-4-79
 TACH 738.2 TOTAL 738.2
 M&P Mechanic D.F. Marshall
 License No. 223803246

5-4-79 TACH 738.2 I INSPECTED A-C SERVICE
 TIRES, BATT., HYDR. BRAKE FLUID. REPLACED 2
 LANDING LIGHTS, TAXI LIGHT, PANEL LIGHT, REPAIR
 PILOTS SEAT. REPLACED AUX. FUEL PUMP
 CHECK AD'S THRU 7908

D.F. Marshall
 A/P 223803246

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
<p>■ certify this <u>Aircraft</u></p> <p>has been inspected in accordance with a <u>Annual</u> inspection and determined to be in an <u>Airworthy</u> condition. Date <u>6-1-79</u></p> <p>TACH <u>765.1</u> TOTAL <u>765.1</u></p> <p>A&P Mechanic <u>Edward P. Melton</u></p> <p>License No. <u>EA 154126</u></p>			<p>6-1-79 Tach 765.1 Cleaned + Packed all wheel bearings. Serviced tires, battery, brake + Hyd reservoirs. Checked + lubricated all controls. Checked gear retraction + warning horn. Replaced Dir Gyro Sh off 35602 3/4 on 55678. Replaced Elevator Trip bell crank. (Ck. EAT operation + battery date (MAR 80)). A.D.s checked for applicability to compliance thru issue 79-10</p> <p style="text-align: right;"><u>Edward P. Melton</u> #154126</p>				
6/1/79	Installed	Dohd.	Altimeter	3/4	2785		<u>Edward P. Melton</u> #154126
6/1/79	Tach	765.1	Checked static system as per FAR 91.170 for leaks. Static check normal.				

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

Edward P. Melton
#2223828925

RETURN TO SERVICE TAG

B6376

Customer AIR SUPPLY INTERNATIONALUnit Name ALTIMETERAPPENDIXE
PART 43Manufacturer KOLLSMANPART BS/N 114 Type 1-V1 CIW
CAL. to 20,000 FT.Overhauled Repaired _____ Other _____by R. TUSCANI Date 5-29-79**ASTRO** Instrument Inc.

11496 PORTLANCE - DETROIT, MICHIGAN 48205

ALTITUDE	SCALE ERROR	FRICTION ERROR	CASE LEAK <u>0</u>		
-1000			HYSTERESIS		
0					
500					
1000		0	ALTITUDE	UP READING	DOWN READING
1500			19,000	+50	+90
2000		0	8,000	+50	+90
3000		0	AFTER EFFECT <u>+20</u>		
4000			BARO. SCALE ERROR		
5000		+20	28.10	-1725	
6000			28.50	-1338	
8000			29.00	-862	
10000		+30	29.50	-391	
12000			29.92	-0	
14000			30.50	+531	
15000		-10	30.90	+893	
16000			30.99	+973	
18000			ALTIMETER SERIAL NO.		
20000		0	114		
22000			DATE TESTED		
25000			5-29-79		
30000			MECHANIC		
35000			R.H. W098		
40000			INSPECTOR		
45000					
50000					

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

Calibrated to 20,000 ft.

ASTRO Instrument, Inc.

F.A.A. REPAIR STATION 305-6

11496 PORTLANC
DETROIT, MI 48205

(313) 839-9133

Date	Doc	VOH 1	VOH 2	Remarks
12/79	2°	2°	IAD REP Salinger	REMOVED ALTIMETER (S/N 2785) AND INSTALLED OVERHAULED ALTIMETER (S/N 114). PERFORMED STATIC CHECK AS PER FAR 91.170. STATIC CHECK NORMAL.
6/7/79			Tank 770.8	Jeffrey A. Moulana AP 225828925
6/22/79				Installed King 1CN62 this date. See 337 and weigh and balance this date for details. Charles Foster

ATC AVIONICS, FAA CRS-132-12
 MANASSAS MUNICIPAL AIRPORT
 MANASSAS, VA 22110

RETURN TO SERVICE TAG

Customer

STOCK

Unit Name

DIRECTIONAL Gyro

Manufacturer

EDO-AIRE

S/N

73663F

Type

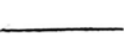
4000D

G-502A

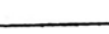
Overhauled



Repaired



Other



by

[Signature]

Date

9/26/80

ASTRO

Instrument Inc.

11496 PORTLANC — DETROIT, MICHIGAN 48205

7-24-79 TACH 834. Remove Directional Gyro S/n ~~5758C~~ ^{55578F} and
 install Dir. Gyro S/n 5758C. - install new Fuel drain
 valve on LEFT side - Robert Whitestone A/P 231-84-1599

9-14-79 TACH 863. Check all lights, tires, brakes, Fluid Levels
 Replace Right Side Brake Housing, Replace RT. - LT.
 Brake Linings, Replace STABILIZER Support Brackets

I CERTIFY THAT THIS Airframe HAS BEEN
 INSPECTED IN ACCORDANCE WITH A 100 hr.
 INSPECTION AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION. TIME 863 HOURS
 Robert Whitestone 231-84-1599

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error		Place		
	VOR 1	VOR 2			
1979				19 <u>77</u>	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.
7/29	0°	0°	IAD RE Saderogger		
9/30	0°	1°	IAD RE Saderogger		
11/18	1°	0°	IAD RE Saderogger		
2/23	1°	0°	ch flight AML RE Saderogger		over Lake Manassas
1980				1980	
2/8	1°	0°	IAD RE Saderogger		
2/15	1°	0°	ch flight AML @ W10		
4/7/80	0°	0°	ch flight over W10 using CSN (T) @ 80°		4 April 1980 R.E. Saderogger
5/14/80	1°	0°	ch flight over W10 using CSN (T) @ 80°		RE Saderogger
5/4/80	0°	0°	IAD ch flight		RE Saderogger

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
<p>DATE <u>06/18/80</u> T.T. IN SERVICE <u>980.6</u> I CERTIFY THAT THIS <u>TRUCAMP</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Visual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p><i>William F. Mutschler AP 190611 IA</i></p> <p>VALLEY AERO, INC. P. O. BOX 768 MARTINSBURG, W. VA. 25401</p>							
<u>6-18-80</u>	<u>RT WING TIP</u>	<u>STREBA</u>	<u>IN OP.</u>				
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

TRANS-CAL INDUSTRIES, INC.
16141 Cohasset St., Van Nuys, Ca. 91406

DIGITIZER CALIBRATION CARD

REF: 29.92 IN. HG.

ALTITUDE	NOMINAL TRANSITION POINT	ACTUAL TRANSITION POINT	ALTITUDE	NOMINAL TRANSITION POINT	ACTUAL TRANSITION POINT
-1000	-950		+14,000	+13,950	+5
+0	-050	Ø	16,000	15,950	Ø
1000	+950	+10	18,000	17,950	Ø
2000	1950	+20	20,000	19,950	+20
4000	3950	Ø	22,000	21,950	
6000	5950	Ø	25,000	24,950	
8000	7950	-5	30,000	29,950	
10,000	9950	Ø	35,000	34,950	
12,000	11,950	+15			

MODEL D120-P2-T

MODEL D120-P2-T MATCHED WITH U.I. 5934A ALT. S/N _____

SERIAL NO. 25257

INSP. BY 15 DATE 5-21-80

MAINTENANCE RELEASE TAG

PART Digitizer

PART NO. D120-P2-T DATE 5-21-80

SER. NO. 25257 MFG. TCI

The component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency

under Work Order No. 25257

TRANS-CAL INDUSTRIES, INC.

16141 Cohasset Street
Van Nuys, Calif. 91406

FAA STATION #MMF 401-8

- | | |
|--|--|
| <input type="checkbox"/> Overhauled | <input type="checkbox"/> Zero Time |
| <input checked="" type="checkbox"/> Repaired | <input type="checkbox"/> Continue Time |
| <input type="checkbox"/> Modified | |
| <input type="checkbox"/> Tested Only | |

By: John Lencov

TCI
10

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 <u>80</u>
Date	Bearing error VOR 1 VOR 2	Place	Signature	
8/21/80	1° 1°	@ 3000 W10	[Signature]	
9/13/80	1° 1°	@ W10	[Signature]	


REMARKS

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Transponder RT359A S/N 11352

Has been tested per AC 43 Appendix F to comply with FAR 91.177

Date July 8, 1980
 Summit Aviation, Inc.
 CRS 1216 [Signature]



AIR FILTER REP

CHANGED AT: <u>1023</u> HRS.	NEXT CHANGE
DATE <u>9/27/80</u>	_____ HRS.

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		Place		
	VOR 1	VOR 2			
10/1	1°	0°	Over midland airport	Ron Sanderogger	
11/81	0°	0°	Check VOR @ JAD	check point	Ronald E. Sanderogger
3-25-82	Tach 1077.6		Repaired wiring of alternator & Replaced Voltage Regulator. Edward R. Pettibull TX 1541126		
1/4/81	0°	0°	Check VOR over W10 via AML RFL		
30/81	0°	0°	R. Sanderogger	Over W66 using CSN	while airborne
30/81	1°	10°	R. Sanderogger	Over W66 using CSN	while airborne
2/81	1°	10°	R. Sanderogger	Over W66 using CSN	
4/12/82	1°	10°	R. Sanderogger	Over W66	airborne using CSN
4/81	0°	0°	R. Sanderogger	Over Warrenton Fairquier airport	W66 while airborne CSN
30/81	1°	-1°	R. Sanderogger	Over Leesburg W69	using AML airborne
7/82	1°	0°	R. Sanderogger	Over W66 using CSN	(airborne)
1/82	0°	0°	R. Sanderogger	Over Marinas (W10) airport	using AML (airborne)

~~Capital Aviation Instrument Corp.~~

Repair Station No. 162-10

Bx. 542, Manassas Municipal Airport, Manassas, Va. 22110, (703) 369-0500

Model 22-374-A01-M Ser. No. 67H365

Type Altimeter 25K Mfg. Weston

Customer Page Beechcraft

Address Manassas VA

- Overhauled
- Checked
- Calib. Checked Within Mfg's Specs.
- Repair
- TSO Supplied by Customer

Other etc

Signed [Signature] Date 4-8-82



SERVICEABLE

ted in compliance with Appendix
t 43, F.A.A. Regulation

ALTI- TITUDE	SCALE ERROR	FRIC- TION ERROR	CASE LEAK <i>25 ft/min</i>
000	-15		HYSTERESIS
0	-10		
500	-20		ALTITUDE UP READING DOWN READING
1000	-20	20	1014 -60 -10
1500	-20		1214 -70 -30
2000	-20	20	
3000	-20	20	AFTER EFFECT <i>+20AL</i>
4000	-20		BARO. SCALE ERROR
5000	-20	30	28.10 ✓
6000	-20		28.50 ✓
8000	-30		29.00 ✓
10000	-40	40	29.50 ✓
12000	-70		29.92 ✓
14000	-70		30.50 ✓
15000	-70	50	30.90. ✓
16000	-60		30.99 ✓
18000	-60		
20000	-55	65	ALTIMETER SERIAL NO.
22000	-60		<i>67H3651</i>
25000	-40	100	DATE TESTED
30000			<i>4/8/82</i>
35000			MECHANIC
40000			<i>Wm. Crute</i>
45000			INSPECTOR
50000			<i>F. Keller</i>

CALIBRATED WITH MERCURY BAROMETER
CAPITAL AVIATION INSTRUMENT CORP.

Bx. 542, Manassas Municipal Airport, Manassas, Va. 22110, (703) 369-0500

Model 54007425.2 Ser. No. 3.0419.

Type TURN COOR Mfg. GEN. DESIGN

Customer PAINE BEECHCRAFT

Address

- Overhauled
- Checked
- Calib. Checked Within Mfg's Specs.
- Repair
- TSO Supplied by Customer

Other

Signed [Signature]

Date 4-8-82

SERVICEABLE

Bx. 542, Manassas Municipal Airport, Manassas, Va. 22110, (703) 369-0500

Model 5000F-6 Ser. No. 64479F

Type Horus Gyro Mfg. Edo Aire

Customer Ken Sonderegger

Address 4372/86 Wk

SERVICEABLE

- Overhauled
- Checked
- Calib. Checked Within Mfg's Specs.
- Repair
- TSO Supplied by Customer

Other _____
Signed [Signature] Date 3-11-82

VOR Receiver operation checked in accordance with FAR 91.25

DATE	Bearing error		Place	Signature
	VOR 1	VOR 2		
19__				

Enter here general data with reference to "LIM" and "TACH" instruments. Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, making the necessary entries 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.

1/8/82	23	1982	TACH	1166
--------	----	------	------	------

Replaced all tires & tubes, O-ring seal on nose strut replaced.
 Clarence H Andrews 261843233

C. H. ANDREWS
 AIRCRAFT MAINTENANCE
 Warrenton-Fauquier Airport
 MIDLAND, VIRGINIA 22723

4/8/82			TACH	1189
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Removed & Replaced Altimeter with overhauled unit. Removed & Replaced TURN COORDINATOR After repairs by Capital instruments. - END.

The altimeter and static system test required by FAR Part 91.170 have been performed. The altimeter(s) have been tested to 25,000 ft. by repair station # 162-10 under WO # 040f-4 on 4/8/82 (date) Date of static system test, 4/8/82
 Signed: Scott J. Yurpe A/P 263270278

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							

4-14-82 Performed Biennial Transponder Certification This Date. IAW FAR 43 Appendix F. All Parameters Tested and Checked Good. Next Check due Before 4-14-84

**ATC AVIONICS, FAA CRS-162-12
MANASSAS MUNICIPAL AIRPORT
MANASSAS, VA. 22110**

Douglas D. Decker

Parker General Aviation **Airborne**
Filter Change Reminder

Air Filter

Changed at: 1218 Hrs. Date 5/4/82	Next Change _____ Hrs.
---	---------------------------

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

Capital Aviation Instrument Corp.

Repair Station No. 162-10

Bx. 542, Manassas Municipal Airport, Manassas, Va. 22110, (703) 369-0500

Model 5000 F-6 Ser. No. 64479F

Type Horizon Mfg. Eds Aire

Customer Ron Sonderegger

Address A/c N. 52578

Overhauled Checked Calib. Checked Within Mfg's Specs.

Repair W TSO Supplied by Customer

Other

Signed [Signature] Date 5-13-82

SERVICEABLE

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	

19							
5-14-82	TACH 1219.1		Re-torqued bolts on stabilator. Adj. main gear up limit switch. Serviced & take motor				Robert A. Quinn 2966769 A4P

7-6-82	TACH 1226		Replaced FUEL PRESS. LINE, INSTALLED R177-36C KIT & FUEL QUANTITY UNIT, ELT BATT. REPLACED, CHECKED TIRES WHEELS & BRAKES,				
--------	-----------	--	--	--	--	--	--

4-85
7-6-82 I CERTIFY THAT THIS AIRCRAFT
 HAS BEEN INSPECTED IN ACCORDANCE WITH AN
Annual INSPECTION AND DETERMINED
 TO BE IN AN AIRWORTHY CONDITION.

C.H. ANDREWS
 Aircraft Maintenance
 Milland, Virginia 22105

M/1226 TACH 1226 Clarence H. Andrews
 CLARENCE H. ANDREWS
 A&P 1863233 T4

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 ____	
8-	3-82	TACH 1244		REPLACED RH ^{LH} FUEL & OIL PRESSURE CLUSTER SK 177-37E Kit. C. Andrews A&P 1863233
12-	21-82	Tach 12718		change 4 brake linings. Kent Alan Darley. APP 227110068
8-	11-83	TACH 1302		GREASED A/C SERVICED TIRES, BRAKES & HYD RESERVOIR. CLEANED VAC. FILTER, REPLACED PANEL DIMMER CONTROL. ALL AD'S C/W TO DATE
<div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); font-weight: bold; font-size: small;"> C. H. ANDREWS AIRCRAFT MAINTENANCE Warrenton, Oregon MIDLAND VIRGINIA </div>			8-11-83	I CERTIFY THAT THIS AIRCRAFT
				HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND DETERMINED TO BE IN AN <u>AIRWORTHY</u> CONDITION. IT/302 TACH/302 Clarence H. Andrews CLARENCE H. ANDREWS A&P 1863233 TA

Capital Aviation Instrument Corp.

Repair Station No. 162-10

Bx. 542, Manassas Municipal Airport, Manassas, Va. 22110, (703) 369-0500

Model 5000B-36 Ser. No. T29124d

Type Horizon gyro Mfg. Signatek

Customer Bernie Gouner

Address Vienna VA

Overhauled Checked Calib. Checked Within Mfg's Specs.

Repair TSO Supplied by Customer

Other new eye

Signed [Signature] Date 12-13-83

SERVICEABLE



STATION UNDER WORK
ORDER NO. 103511

DATE FLIGHT 10-17-83 FLIGHT

TOTAL FLYING TIME
HOURS 10THS

SIGNATURE OF PILOT

19

12-13-83	TACH. 1315.1	Remove and Replace Hourglass with S/N 291245	Run up Check OK	Harry Upton AFG 7409629
4 APR 84	TACH 1383	REPLACED ALL BRAKE PADS	Mechanical & Balance	AP# 26508197
26 APR. 84	Tach 1398.2	Landing Gear Retraction, Extension AND Extension C/W. SERV. BATTERY AND NOSE TIRE. LUBED Landing Gear, Flap Tracks, AND ALL ELT Controls. Pulleys, Bell Cranks, Rod Ends & Hinges. Replaced Both main TIRES, Both main Brakes disc. AD 76-7-12 C. Ignition ALL other A/O Current.		
		Date 25 APR 84	T. (L)	(R)
				W.O.
		I certify that this AC/Eng. has been inspected in accordance with a 100 HR inspection & has been found air worthy.		
		Sig. Terry J. Paul		
		Cert. # 504503309		

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

Precisionaire Instrument, Inc.

245 West Montauk Highway

Lindenhurst, N.Y. 11757

516-226-3173

MAINTENANCE RELEASE

The instrument identified on the reverse side was ~~repaired~~ and inspected in accordance with current regulations of the Federal Aviation Adm., and is approved for return to service. Details of the repair are on the file at this repair station under:

Order No 4366 Date 4-6-84

Authorized Signature [Signature]

Precisionaire Instrument, Inc.
245 West Montauk Highway
Lindenhurst, N.Y. 11757
516-226-3173

FAA Certified Repair Station No. 111-111

Name *Altimeter* MEG *Checked*

MODEL NO. *5934P* SERIAL NO. *P 5031*

OVERHAUL REPAIR FUNCTIONAL TEST

CUSTOMER *Paule Aviation*

INSPECTED BY *[Signature]* DATE *4-6-84*

-SERVICEABLE-

PRECISIONAIRE INSTRUMENT, INC.

ALTIMETER FINAL TEST REPORT

CUSTOMER Candle Aviation MFGR. United
 PART NO. 1934 P SERIAL NO. PJ031
 W.O. NO. 4366 DATE: 4-6-84 OHL REPAIR TEST

This Altimeter Complies With FAA Regulations, Part 43, Appendix "E".

Scale Error

ALT. (FT.)	TOL. (FT) + -
-1000	-10 20
0	0 20
500	0 20
1000	0 20
1500	0 25
2000	0 30
3000	0 30
4000	0 35
6000	+10 40
8000	0 60
10000	0 80
12000	0 90
14000	+10 100
16000	+10 110
18000	+10 120
20000	+10 130
22000	140
26000	155
30000	180
35000	205
40000	230
45000	255
50000	280

Friction

ALT. (FT.)	TOL. (FT.)
1000	31 70
2000	31 70
3000	40 70
5000	40 70
10000	40 80
15000	40 90
20000	40 100
25000	140
30000	140
35000	160
40000	180
50000	250

BARO. SCALE ERROR

IN. HG.	ALT. (FT.)
28.10	1720 -1727
28.50	1340 -1340
29.00	860 -863
29.50	405 -392
29.92	0 0
30.50	520 531
30.90	880 893
30.99	970 974

REMARKS: _____

HYSTERESIS

MAX. ALT.	ERROR	TOL.
90%	35	75 ft.
40%	30	75 ft.

AFTER EFFECT

OK _____ 30 ft.

PRECISIONAIRE INSTRUMENT, INC.

245 WEST MONTAUK HIGHWAY

LINDENHURST, N.Y. 11757

FAA CERTIFIED REPAIR STATION NO. 111-111

CASE LEAK

OK _____ 100'/max.

MECHANICS SIGNATURE

INSPECTOR'S SIGNATURE

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, his rating and certificate number must be shown.

Date	Bearing error	Place	Signature
	VOR 1 VOR 2		

19 ____

4/27/84

Annual Transponder check Per Montgomery County Airpark
 FAR 43 Appendix E performed Gaithersburg, Md. 20760
 this date, *Russell* FAA CRS 104Z

4/27/84

Automatic pressure altitude reporting equipment was tested & found to comply with Appendix E of part 43 and in compliance with FAR 91.36 (b)
Russell
 Anotronic Services, Inc.
 Montgomery County Airpark
 Gaithersburg, Md. 20760
 FAA CRS 104Z

30 APR. 84

R & R ALTIMETER, SNⁿ P5031 INSTALLED DUE APRIL 86,
 AND ACFT. STATIC CK. COMPLIED WITH.
Regis. Aircraft ASP186-36-41621

N 52578

C-177RG

S/N 177RG-1207

70-24-04	Flexible hoses in engine compart.	N/A-Model
71-01-03	Cracks in stabilizer attach angles	N/A-Model
68-07-09	Longitudinal control system	N/A-Model
68-17-04	Stall Warning system	N/A-Model
68-18-02	Oil pressure line	N/A-Model
70-01-02	Fuel quantity transmitter float	N/A-Model
71-24-04	Flexible hoses in engine comp.	N/A-Model
72-03-03	Wing flap jack screw	N/A-Model
74-16-06	Oil pressure gage line	N/A-Model
75-07-02	Air filter seal	N/A-Model
76-04-03	ARC-PA-500A actuators	N/A-S/N
76-14-08	Trim Tab actuator	N/A-S/N
76-21-06	Loss of engine oil	N/A-S/N

77-12-08 External elec. ground plug

78-26-09

Fuel Tank venting
AVCO ID360-A1B6D

S/N L-17290-51A
N/A-Model

64-16-05

N/A-Model

66-06-03

N/A-Model

66-20-04

N/A-Model

67-22-06

N/A-Model

71-05-02

N/A-date of Mfgr.

71-11-02

N/A-S/N

73-23-01

N/A-S/N

75-08-09

N/A-S/N

75-09-15

N/A-Int P/N

78-23-10

Bendix Fuel Injector

N/A-PLN

McCauley

B-2D34C207

S/N 772451

70-04-01

N/A-Model

77-17-09

N/A-Model

N 52578

C177RG

S/N 177RG-1207

Magneto

Bendix

S/N A-10324

N/A-S/N

77-17-07

78-09-07

78-18-04

Bendix S/S-600

76-16-02 Airborne Airborne Vae Pump

75-09-15 Lycoming Bendix
Lycoming SB 382

752-74 Bendix Bufta RS43

Bendix

Model

2-11CC

PLN .2524232-2

RSA-5ADI

1490.6
Due prior to 1000 hrs.

PART B

part B

Price to 2000 HRS.

C/w 6-1-79

S/N 30-4072

N/A - model

N/A PLN

S/N 62214

BPLN 2524469-B

73-10-02

Bendix Fuel Injector

N/A-Engine Model
Complies Para "A"
by date

CESSNA

AD. 79-08-03

Cigar Lighter (Fire prevention)

N/A by AC S/N
5/4/79 D.R. Marshall
A/P 223803246

79-05-02 Lithium Sulfur Dioxide Batteries Ekt.

79-10-14 Fuel Tank Venting

C/w 3-26-79
Installed Alkaline Bat. kit.
N/A - Model

79-04-05 Avco Lycoming
Bendix Fuel Injector

C/w 5-29-79

Piedmont Aviation
Reinstalled 6-1-79

Emerg. A.D.

DATED Aug 28, 1979

Bendix Fuel Inj.

N/A by P/N