

517-271-9091
GARY A. HUFFMAN
10423 NICHOLS RD.
GAINES, MICH. 48436

Cessna®



Book #1

AIRCRAFT LOG

AND MAINTENANCE RECORD

N 52878 SERIAL NO. 177RG1297

Mfg. **PRESTOLITE** Part No. **MHB 40 10 R**
Serial No. **8090021** AE No. **# 2062**
Model _____

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.
Pertinent details of the repair are on file at this repair station under:

Order No. **5781** Date **SEP 7 1978**

Signed: *Richard Bontwell*



**AIRBORNE
ELECTROSYSTEMS**

P. O. Box 273 205/227-4327 TWX 810-744-3450
FORT DEPOSIT, AL. 36032 U. S. A.

F. A. A. APPROVED REPAIR STATION NO. 3779

IMPORTANT

WARRANTY ON THIS UNIT WILL NOT BE CONSIDERED UNLESS
THE FOLLOWING IS ACCOMPLISHED:

1. PART "C" OF WARRANTY CARD HAS BEEN COMPLETED
IN FULL AND MAILED TO FORT DEPOSIT, AL., WITHIN
10 DAYS OF INSTALLATION.
2. THE UNIT MUST BE WITHIN THE SPECIFIED WARRANTY
PERIOD.
3. PART "B" OF THE WARRANTY CARD HAS BEEN COM-
PLETED AND RETURNED WITH THE WARRANTY
CLAIMED UNIT.



**AIRBORNE
ELECTROSYSTEMS**

Airport Complex P. O. Box 273

AIRBORNE ELECTROSYSTEMS — STANDARD LIMITED WARRANTY
(Void If Not Registered Within 10 Days Of Installation)

Airborne ElectroSystems has remanufactured this unit P/N 2062
S/N 8090021 using only quality parts, accepted through our quality control system. It has been thoroughly tested and inspected, before leaving our facility. The unit is therefore warranted against defective material and workmanship under normal use and service to the original retail purchaser, as follows:

I. DURATION

The time period within-
Twelve (12) months from _____ (enter date installed)
and/or three hundred fifty (350) flight hours,
from _____ whichever shall occur first.
(enter recording hourmeter time)

II. REGISTRATION OF WARRANTY

Have the Installing Agency complete the card and forward to Airborne Electro- systems to properly record your Warranty. It must be mailed within 10 days from date of installation to be valid.
(continued on reverse side)

No 5465

PART A — KEEP THIS

Detach here and ship with Defective unit to any Airborne ElectroSystems Distributor.

DEALER WARRANTY APPLICATION CERTIFICATE

On behalf of my customer _____ I (we) claim warranty on
the following accessory P/N _____ address _____ S/N 8090021
I have examined the logs and recording hour meter and have determined the unit
was installed by _____ on _____ date
At _____ Hrs., and failed at _____ Hrs., proving this to be within the 12
month/350 hour limit. It is my opinion the failure occurred because _____

I realize a repair or replacement will be issued to me, only if accepted as a justifiable warranty, at the Airborne ElectroSystems Facility. I have advised my customer of this fact.

This accessory and application will be shipped via prepaid, cheapest way to the following Airborne ElectroSystems Distributor _____
within 10 days from _____ to receive Warranty consideration.
date removed _____

_____ A & P Signature _____ A & P No.
_____ Dealer Name _____ Dealer City _____

No 5465

PART B — ATTACH TO UNIT WHEN
BEING RETURNED

WARRANTY REGISTRATION

1. Type equipment Starliner P/N 2062 Serial No. 8090021

2. Type engine on which unit installed _____ Eng. Hrs. _____

3. Type aircraft & Registration Number _____

4. Installation date _____ Month _____ Day _____ Year _____

5. Installed by _____ Name _____

_____ Address _____

_____ Certificate or Repair Station Number _____

6. Purchased from _____ Airborne ElectroSystems Distributor _____

7. Certified correct _____ (sign for installing agency) _____

AE 030 (Rev. 4/78)

No 5465

PART C — MAIL WITHIN 10 DAYS
OF INSTALLATION

Cessna®

oil filter
Champion CH48103

AIRCRAFT LOG AND MAINTENANCE RECORD

Record of Cessna 177RG 177RG1297 N52878
Make Model Serial Certificate
With Engine Lycoming I0-360-A1B6D L-17669-51A
Make Model Serial
From _____ 19____ to _____ 19____
Detailing Time From _____ To _____
Hours Hours
Owner _____
Address _____

FORM P121-13

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DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IO THS	
19 77 Dec. 7	Jct	Local	Test	16	1	6	
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

[illegible]

AIRCRAFT LOG

SIGNATURE OF
PILOT

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	Signature
77	VOR 1	VOR 2	

12/7	+1°	+2°	251
------	-----	-----	-----

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 10-14-77 to an altitude of 20 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 11-11-77 in compliance with FAR 91.36(b). The ATC transponder was tested and inspected 11-29-77 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 12-16-77 was issued by me.

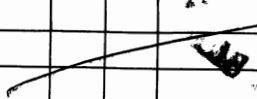
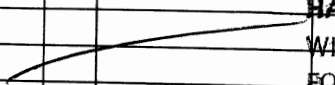
D. Mills Executive Engineer

Cessna Aircraft Co., Pawnee Div.
Delegation Option Manufacturer, CE-1

By *Daniel L. Goble*
Daniel L. Goble

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
5-23-28	TACH & TT AIRCRAFT	102.8	Completed Annual Inspection & welded #1 cyl Exhaust Pipe. Ref Shop WO # 7807 for details.				
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION				
7-14-28	TACH & TT AIRCRAFT	204.3	Has Completed Annual Inspection. Ref Shop WO # 7925.				
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION				

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

VOR Receiver operation checked in accordance with FAR 91.25				D
Date	Bearing error	Place	Signature	
	VOR 1	VOR 2		19
9-8-78			TACA TIM	
AS			PER MANUA	
FLYING			BY WED	
WORK			PERFORME	
				
11-11-78			TACA	
Annual Inspecti				
Proper Clearance				
Union. REF S				
PERFORMED				
				

AIRCRAFT LOG

SIGNATURE OF PILOT	
Leten Annual	
e REF SHOP	
ANCE	
WAS	
XTION	
Completed Annual	
a tran	
CRS 3407	

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature	19	
VOR 1	VOR 2				
9-8-78		TACA Time!		300	HAS COMPLETED ANNUAL INSP
		AS PER MANUAL		REPAIRED #1243	CRACKED EXHAUST
		FLANGE BY WELDING		REF SHOP WOT #8099	FOR DETAILED
		WORK PERFORMED			
					I CERTIFY THAT THIS AIRCRAFT
					HAS BEEN INSPECTED IN ACCORDANCE
					WITH A ANNUAL INSPECTION AND WAS
					FOUND TO BE IN AN AIRWORTHY CONDITION
					<i>McGowan</i> for CRS 3407
11-11-78		TACH & TT AIRCRAFT!		403	HAS COMPLETED
		ANNUAL INSPECTION		RE SHIMMED UP	GEAR STOPS FOR
		PROPER CLEARANCE		REPLACED O-RINGS	RT-GEAR PIVOT
		UNION REF SHOP		WOT #8281	FOR DETAILED WORK
		PERFORMED			
					I CERTIFY THAT THIS AIRCRAFT
					HAS BEEN INSPECTED IN ACCORDANCE
					WITH A ANNUAL INSPECTION AND WAS
					FOUND TO BE IN AN AIRWORTHY CONDITION
					<i>McGowan</i> for CRS 3407

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 2-20-79	Hobbs	TT	AIRCRAFT	505.2 HRS.	Completed Annual Inspection		
Replaced central VAC and Filter. Replaced missing clear light, Replaced C.H.T. Served, Replaced STALL WARNER X-MTR. Ref shop work #8541 for detailed work performed. Removed DMELT, see #8293 for repairs.							
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION							
3-23-79	JACH	Reading	531 HRS	Complied with: AD 79-05-07 by installing modification kit as per ECSSA: AV 78-31		 page 0241	

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

VOR Receiver operation checked in accordance with FAR 91. 25				
Date	Bearing error		Place	Signature
	VOR 1	VOR 2		
5-2-79			TACH YV	
AS per CESSNA M				
REPLACED ALTPANK				
CRACKED EXHAUST				
UP LITE BULB				
BRAKE SYSTEM. R				
LF HEAT MUFF				
FOR DETAILED W				
/				
7-10-79			INS	
COCKPIT.			CMA	

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19 ____	
				5-2-79 TACH & TT! 607 HAS COMPLETED ANNUAL INSPECTION. AS PER CESSNA MANUAL. REPLACED PITOT HEATED ELEMENT. REPLACED ALTERNATOR MOUNTING BRACKET. WELDED VARIOUS CRACKED EXHAUST PIPES & HEAT SHIELDS. REPLACED GEAR UP LITE BULB. REPLACED LT & RT BRAKE LINES & BLEED BRAKE SYSTEM. REPLACED PITOT HEATER 5 AMP CIB. REPLACED LT HEAT MUFF SCAT HOSE. REF SHOP WO # 8714 FOR DETAILED WORK PERFORMED. I CERTIFY THAT THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. CRS 3404	
				7-10-79 Installed HALON 1211 FIRE EXTINGUISHER cockpit. C. M. [unclear] CRS 3404	

NATURE OF
PILOT

ANNUAL
PLACED
ACED
WORK

AD 79-05-02
C. M. [unclear]
CRS 3404

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
7-24-79	TACH	TT: 716	HAS				Completed Annual Inspection. Repaired #2 EXH STACK. Replaced EXH CROSS OVER SHIELD. Repaired #1 CYL EXH PIPE. Replaced LT. MURKIN WELD ASSY. LT. BEAM WERE 7000 ON ORDER. REF SHOP WOT 8956 FOR DETACHED WORK PERFORMED. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION
<i>Signature: C. M. ...</i> for CRS 3404							
8-17-79	TACH TIME: 749		HAS				THIS AIRCRAFT PLACED ON CESSNA SO HAS PROGRESSIVE Insp PROGRAM: OPS #1, DUE AT 756 HAS TACH. C. M. ... for
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

VOR Receiver operation checked in accordance with FAR 91.25				DATE
Date	Bearing error	Place	Signature	19
VOR 1	VOR 2			
9-24-79				
TACH TIME INJECTION SYSTEM				
DATED: 8-28-79 NO				
C. M. ... for				
10-11-79				
TACH TI. CONSIDERED AIR W. MONTICELLO, MINN.				
11-7-79				
TACH 827 REPLACED BACK OF				

AIRCRAFT LOG

SIGNATURE OF
PILOT

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		
	VOR 1	VOR 2			
9-24-79					TACH Time: 793. Inspected Bendix Fuel Injection system AS FAA Engr Airworthiness Directive dated: 8-28-79 NOT Applicable By Model# 252454-4 Chamberlain for
10-11-79					TACH Time: 826. Inspected this aircraft considered Airworthy for one time flight to Monticello, Minn. for repairs. Chamberlain for
11-7-79					TACH 827 REPLACED LEFT WING. SEE MAINTENANCE RELEASE BACK OF LOG BOOK. W.O. 1470 ATP/57061/IA

Annual
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ACCORDANCE
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THE CONDITION

on
4 Due AT

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOTHs	
19 11-12-79	TACH Time:	829 HAS.	Installed Blind Encoder Ser# 27821 AFTER Repairs. Replaced Flap motor, replaced flap follow-up micro switch. Replaced flap mirror down limit switch.	CMA	for	CRS 3405	
11-12-79	I certify that the altimeter and static system tests required by FAR Part 91.173 have been performed. The altimeter has been tested to <u>20,000</u> feet.						CMC for CRS 3409

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

[illegible]

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	
Date	Bearing error	Place	Signature	19 ____	
VOR 1		VOR 2			
				Date <u>11-30-79</u> Tach <u>836</u> I certify that this transponder: <u>RT-359A</u> Serial # <u>14293</u> has been checked in accordance with FAR 43 appx F and found to comply with FAR 91.177 this date for CRS 3409.. <u>Larry E. Chamberlain</u>	
				5-15-80 TACH Timer 96L HAS REPLACED C.H.T PROBE Chamberlain for CRS 3409 REPLACED EXN (draw over shield)	

SIGNATURE OF
PILOT

3. Lind Encoder
rotor, replaced
Lay mirror

5:15 PM TACH Timer 96L HAS REPLACED C.H.T probe.
 Chaulian for CRS 3405
 Replaced EXN gear over shield.

DIV S SPC PICK TAG

DC0294

6246 00110

GAGE

1 EA

PICKING TAG

3

D43154

D0811655

**DORNE & MARGOLIN, INC.**

2950 Veterans Memorial Highway
Bohemia, N. Y. 11716 (516-585-4000)



Item Emer. Locator TRANS

Part No. ELTG Serial No. 8293

Customer Crystal

Remarks _____

Authorized Signature [Signature] Date 10/17/79

Air Agency Certificate No. MMF 111-16

SERVICEABLE

The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under

ORDER NO. 3303-210 DATE 10/17/79

SIGNATURE *A. E. Mowbray* FOR _____

DORNE & MARGOLIN, INC. FORM # I. D. 0010-3M-7/79



AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
12-20-79	TACH	Reading (842 HAS)	Installed				E. L. T. Ser #
8-2-81	AFTER REPAIRS	New Batt Over	(DATE: 4-81)				change for CRS 3409
2-12-82	TACH TIME: 859	REPLACED	LT NOSE GEAR DOOR				
		REPLACED - O-RINGS TO PRESS SWITCH	REPLACED RT BRAKE				
		LINKS. Change for	CRS 3402				
5-28-80	TACH TIME: 984	REPLACED	NOSE WHEEL TIRE				
		Change for	CRS 3402				

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

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Date	B V
6-1	In
6-2	In
6-3	In
6-4	In
6-5	In
6-6	In
6-7	In
6-8	In
6-9	In
6-10	In
6-11	In
6-12	In
6-13	In
6-14	In
6-15	In
6-16	In
6-17	In
6-18	In
6-19	In
6-20	In
6-21	In
6-22	In
6-23	In
6-24	In
6-25	In
6-26	In
6-27	In
6-28	In
6-29	In
6-30	In

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F OT

SER#
CRS 3409

R
RT: BRAKE

ice

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature	19	
VOR 1	VOR 2				
6-10-80	1003				TACN Rebuilt, Replaced C.H.T. Indicator CM airframe CRS 340
6-27-80	Removed	#2 New/COM			RT 385A s/n 2224 IN 385A s/n 527. Installed King KY 1700 New/Com transceiver s/n 7559, KA 39 voltage control s/n 45266, KI 2219 new indicator s/n, KAI 73 glide slope receiver s/n 3121, Wkx/Tall Microwave Landing System: TAC 1003, converter s/n 2-3, TAC 1202 antenna s/n 62. MLS not to be used until approved under S.T.C. Equipment list revised New weight + balance computed See FAA form 337 this date.
					The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.
					Pertinent details of the repair are on file at this repair station under Order <u>DI-2122</u> Date <u>6-27-80</u>
					Signed <u>Jayson Anderson</u>
					BURLINGTON NORTHERN AIRMOTIVE, C.R.S. #3936 Minneapolis, Minnesota 55450

Form #5

OVERHAUL RECORD

Work Order No. 32552

Description

MAN. / Fuel Pressure

Serial No.

102726

Removal Date

8-4-80

Summary of Work Performed

Repaired & Calibrated.
MAN. 10 TO 35 $\pm$.2. Fuel flow 0 TO 12-0
12 TO 10 PSI-.1

Parts Replaced

none.

Mechanic

[Signature]

Chief Inspector

[Signature]

Date

8-6-80

BIV S SPC PICK TAG

7.1880

FC0702

C301002 0104

MOTOR-0005

1

EA

PICKING TAG

1

050861

00827931

177RG

01297

52878

54.20
40.65

shipping
3600





DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 7-18-80	TACH	Time: 1045 HRS.	Replaced flap motor. (new). Chaitan for CRS 3409				
7-23-80	TACH	Time: 1050 HRS.	Replaced cowl flap hinges. Chaitan for CRS 3409				
8-7-80	TACH	Time: 1067	REPLACED main fuel press INDICATOR, ser # 102726. Chaitan for CRS 3409				

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

[illegible]

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 VOR 1 VOR 2	Place	Signature		
10-6-80					Microwave Landing System installation approved per STC SA94661. See FAA form 337 this date. Receiver modified per STC SA1473CIE approved for use with this installation.
					The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.
					Pertinent details of the repair are on file at this repair station under Order #2077 Date 10-6-80
					Signed <u>Jayson Ruder</u>
					BURLINGTON-NORTHERN AIRMOTIVE, C.R.S. #3936 Minneapolis, Minnesota 55450
10-23-80					TACH Time: 1140 HRS. Replaced PITOT HTR Element CM action for CAS 3407
12-16-80					TACH Time: 1150 HRS. Replaced VACUUM PUMP CM action for CAS 3402

AIRCRAFT LOG

SIGNATURE OF
PILOT

VOR Receiver operation checked
in accordance with FAR 91.25

DATE

REMARKS

Date	Bearing error	Place	Signature
VOR 1	VOR 2		

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.

Date 1-9-81 Tach 1165.6
I certify that this transponder:
RT-354A Serial # 14293
has been checked in accordance with
FAR 43 appx F and found to comply
with FAR 91.177 this date for CRS 3409.

Larry Chapman

3-12-81 TACH TIME: 1213 HRS. REPLACED VOLTAGE REGULATOR,
REPLACED RT-NITE BULB. REPLACED RUDDER TRIM BELL CRANK
BUSHINGS & CLEVIS PINS. REPLACED HEAT SHIELD EXH CROSS-
OVER. E. Mantion for 3409

3-28-81 TACH TIME: 1214
INDICATOR AFTER REPAIR. 4. Removed & reinstalled E.B.F.
ACF MAINT Release. Chapman for CRS 3409

Applied
177 RG
A, replaced
MAIN TIRE.
K, replaced
NIS-100
DOWN LOCK
Applied
and replaced
ON FILE.
from
CRS 3409

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
16 APR 81	TACH TIME 1230.4		EAST ALCO RD NEW				
	ELT BATTERIES ON ELT S# 8293		BATTERY				
	OUR DATE. NOV. 1982		APR 47380481				
5-12-81	TACH TIME 1240 HRS		REPLACED LT & R BRAKE				
	DISCS, O-RINGS & BRAKE LINES		INS. C. Martin for				
6-16-81	TACH TIME 1261		COMPLETED ANNUAL INSPECTION				
	THIS DATE AS PER 177 RG CASSA		SERU CE MANUAL				
	ALL CABLE TENSION CHECKED		BATTERY SERVED FOR FURTHER				
	DETAILS OF WORK PERFORMED		SEE SHOP WORK ORDER #10875				
			I CERTIFY THAT THIS AIRCRAFT				
			HAS BEEN INSPECTED				
			WITH AN ANNUAL				
			FOUND TO BE IN AN AIRWORTHY				

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

VOR Receiver operation checked in accordance with FAR 91.25			
Date	Bearing error	Place	Signature
	VOR 1	VOR 2	
8-20-81	TACH	TL	
	Light	Panel	
11-5-81	TACH		
	ANNUAL	Inspection	
	Tested	& checked	
	Limits	Replaced	
	door eye	Bo	
	Repaired	landing	
	LT-MAN	TIRE.	
	PAINTED	FACE OF	

AIRCRAFT LOG

NATURE OF
PILOT

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19 ____	ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
8-20-81		TACH TIME	1309	Replaced LT LWR sub panel Lighting panel. C Maitland for CRS 3409	
11-5-81		TACH & TT AIRCRAFT	1363.2 HRS.	Completed Annual Inspection as per C177R8, SERVICE MANUAL. Tested & checked C.H.I.T. Indicating system within limits. Replaced BATTERY. Replaced LT- NOSE 8044 door eye BOLT. Replaced HI- VOLTAGE LITE ASSEMBLY. Repacked Landing gear HAND pump PLASTIC COVER, Replaced LT MAIN TIRE. Dressed Nicks from Propeller BLADES PAINTED FACE OF BLADES. REF shop work #11248 ON FILE	
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION	C Maitland for CRS 3409

INSPECTION
MANUAL
OR FURTHER
#10875

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
11-13-81			I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter has been tested to <u>20,000</u> feet.				<i>C. Mayhew</i>
11-13-81. TACU & TTAIRCRAFT: 1363.2 HAS COMPLIED WITH 100HR/ANNUAL INSPECTION AS per CESSNA 177RG SERVICE MANUAL. ADJUSTED MIXTURE CONTROL BALL END. REPLACED #2 CYL EXH STACK. REPLACED #2 & 4 CYL EXH BASKETS. CHECKED CYL HEAD TEMP CALIBRATION-WITHIN SPECS. REPLACED EYE-BOLT ON LT-NOSE GEAR DOOR. REPLACED HIGH VOLTAGE LITE ASSEMBLY. REPLACED LT-TIRE. REF SHOP WO# 11428 ON FILE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND IS FOUND TO BE IN AN AIRWORTHY CONDITION. <i>C. Mayhew</i>							

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

VOR Receiver operation checked in accordance with FAR 91.25			
Date	Bearing error	Place	Signature
	VOR 1	VOR 2	
1-13-82		TACH	
		STRUT, C.M.C.	
5-20-82		TACH	
		damped (new)	
8-23-82		TACH	
		Removed By	
		Original Equip.	
		In-SSA ARE NA	
		Weight and BAL	
		man in the towers	

AIRCRAFT LOG

SIGNATURE OF
PILOT

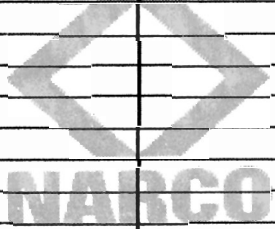
VOR Receiver operation checked in accordance with FAR 91.25				DATE 19__	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under 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 VOR 1 VOR 2	Place	Signature		
1-13-82					TACH TIME: 1366 HRS. Re-sealed LWR nose struts. CM action for CRS 3409
5-20-82					TACH TIME: 1395 HRS. Replaced shimmy dampener (new) CM action for CRS 3409.
8-23-82					TACH 1432.4 Tull-Wilcox MICROWAVE LANDING SYSTEM REMOVED BY CRS-3936, CRYSTAL SHAMROCK INC. REINSTALLED ORIGINAL equipment as follows: RM-355A ARC NAV/COM and RM-355A ARC NAV INDICATOR. Revised equipment list and weight and balance to reflect this install. INSTALLED following manufacturer's instructions and following AC43.13/1A 52A CRYSTAL SHAMROCK INC 6000 Douglas DR. NO MINNEAPOLIS, MN 55429 Sam. Carlson FOR CRS 3409

Applied
77 RB
all ends.
Cyl EXN
with specs.
replaced
Ref shop
4-10-82
CRS 3409



NARCO WARRANTY POLICY

1-1-81

AIRCRAFT SERIAL NO.	A/C REG. #	YR.	MODEL	SERIAL NO.	TACH HRS.	DATE OF SALE	NARCO UER. CODE				
RED OWNER					DEALER A C MFR CHECK APPROPRIATE BOXES						
phone #					☐ RETROFIT OR FIELD INSTALLED EQUIPMENT			☐ NEW AIRCRAFT			
								☐ USED DEMONSTRATION AIRCRAFT			
								I CERTIFY THAT THE AFORESAID EQUIPMENT WAS INSTALLED IN THIS AIRCRAFT IN ACCORDANCE WITH APPROVED FAA PROCEDURE			I CERTIFY THAT THIS AIRCRAFT WAS SOLD AS DEFINED BY THE AIRCRAFT MANUFACTURER.
								NARCO OR AIRCRAFT DEALER SIG.			
								SEE REVERSE SIDE FOR WARRANTY			
TO DEALER OR AIRCRAFT DISTRIBUTOR					AIRCRAFT DEALER						
MINNEAPOLIS MN 55480					NAME _____						
					ADDRESS _____						

CUSTOMER TEMPORARY WARRANTY
VALID FOR FORTY-FIVE (45) DAYS FROM LAST DATE SHOWN HEREON

NARCO AVIONICS

FORT WASHINGTON, PENNA. 19034

The Narco Warranty Card, when presented to an Authorized Narco Avionics Center will entitle the registered owner of the aircraft in which the equipment described on the Card is installed, to correction of defects in workmanship and material with respect to such equipment for a period of one year from the date of installation of the equipment by an Authorized Narco Avionics Center subject to the following conditions and limitations:

- a. The warranty is effective only if the equipment is installed in the aircraft by an Authorized Narco Avionics Center and a Narco Warranty Application Form is fully completed and sent to Narco. The application for the Narco Warranty Card must be signed by the Authorized Narco Avionics Center installing the equipment. It must be submitted to Narco Avionics with the Equipment Record Form within 10 days of the date of installation to be valid. Narco Avionics reserves the right to require additional verification of date of purchase, date of installation and identity of the Center and employee which installed the equipment. Installation by anyone other than an Authorized Narco Avionics Center voids the warranty in its entirety.
- b. Correction of Narco equipment will not be performed under the warranty unless the Narco Warranty Card is presented to an Authorized Narco Avionics Center.
- c. Repairs by anyone other than an Authorized Narco Avionics Center or Narco, or modification of the equipment by anyone without the prior written approval of Narco, will void the Warranty in its entirety.
- d. The cost of delivery of the equipment to and from the point of Warranty service is excluded from Narco's warranty obligation. However, if the equipment being serviced is under warranty and is returned by the Authorized Narco Avionics Center (not by the owner of the equipment) to the factory for repair, the unit will be returned via U.P.S. or surface, freight pre-paid. Removal and re-installation by an Authorized Narco Avionics Center of equipment under warranty is covered up to a maximum total time of one hour.
- e. The workmanship and materials used in installing the equipment in the aircraft are not warranted by Narco. Narco is not responsible for correcting deficiencies therein or any damage or loss resulting therefrom.
- f. Narco's obligation is solely to repair or replace equipment during the warranty period and subject to the conditions stated herein. Narco shall in no event be liable for incidental consequential damages for loss of any kind including loss of use, property damage or personal injury resulting from any breach of warranty, express or implied.
- g. Alteration of the Narco Warranty Card will void the warranty. Application must be made to Narco for necessary corrections or changes.
- h. Narco Avionics reserves the right to make changes in design or additions to or improvements in this equipment without obligation to make such changes, additions or improvements in equipment previously manufactured.
- i. The warranty expires one year after the date of installation of the equipment. Equipment presented for repair after the expiration of that period will not be serviced under the warranty.

This Warranty Policy supersedes all previous warranty policy statements.

A list of Authorized Narco Avionics Centers may be obtained by writing to:

Narco Avionics
Commerce Drive
Fort Washington, Pennsylvania, 19034
Attn: Warranty Department

AIRCRAFT LOG

[illegible][illegible]

AIRCRAFT LOG

SIGNATURE OF
PILOT

OWL FIAP
ERROR
ERROR.
E PROPERLY.
W HEAVY
FIREWALL.
AOSP

12 GVA-12
PRO-CRAFT
with Kelp

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 <u> </u>	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
1-17-83	TACH 1458.8			INSTALLED ONE 890 (NARCO) IN CENTER RADIO SLACK JUST BELOW REC TRANSPONDER RT-359A. ALSO INSTALLED NARCO ONE ANDREA CDA-3 ON BELLY OF AIRCRAFT AT STATION 116.5. INSTALLED USING MANUFACTURERS INSTRUCTIONS AND FOLLOWING AC431- 1A 52A. REVISED EQUIPMENT LIST AND WEIGHT AND BALANCE TO REFLECT THIS INSTALLATION.	
				MAINTENANCE RELEASE	
				The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this repair station under Work Order <u>A-4280</u>	
				Date <u>1-17-83</u> Signed <u>[Signature]</u> for CRS 3409. Rep. <u>2282045</u>	
				Crystal Shamrock, Inc. 2000 Douglas Drive No. Mpls., MN 55429	

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
1-17-83	TACH TIME	1458.8	C/N ANNUAL	INSPECTION AS			
PER CESSNA 177 RG SERVICE MANUAL. RESET AIRBROW CABLE TENSION. REBUILT AIRBROW STOPS. REPLACED BRACKET FOR STABILIZER COUNTERWEIGHT. REPLACED CABLE ENDINGS ON LEFT MAIN AND REPLACED O-RING FOR BRAKE PUCK. READJUSTED MAIN GEAR DOWNLOCKS AND REBUILT GEAR SHOCKS. RESET RUDDER CABLE TENSION. RESET CABLE TENSION ON AUTO PILOT FOR AIRBROW ADJUSTED STABILIZER CABLE TENSION. RFF SHOP N.O. #12430.							
I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

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

TRE TRANSponder, TYPE R.

THIS AIRCRAFT HAS BEEN GHI

PART 43, APPENDIX F, UNIT N

SIG. [Signature]

MALVERSON A

3430-MH

MADISON,

CORRESPONDENCE BETWEEN

ALTIMETER AND ENCODER

AND FOUND WITHIN TOLERANCE

ACCORDANCE WITH APPENDIX

CIRCULAR 43-6

SIG. [Signature]

MALVERSON AVIONICS

3430 MILLER S

MADISON, WI. 537

SIGNATURE OF
PILOT

AIRCRAFT LOG

REMARKS

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 Signature
VOR 1 VOR 2

19 ____

TRANSPONDER, TYPE R359A, S/N _____, IN

THIS AIRCRAFT HAS BEEN CHECKED IN ACCORDANCE WITH

PART 43, APPENDIX F, UNIT MEETS SPECS.

SIG. Douglas J. Halverson DATE 2/15/83

HALVERSON AVIONICS, INC.

3430 MILLER ST.

MADISON, WI. 53704

CORRESPONDENCE BETWEEN AIRCRAFT

ALTITUDE AND ENCODER WAS CHECKED

AND FOUND WITHIN TOLERANCE IN

ACCORDANCE WITH APPENDIX 1, ADVISORY.

CIRCULAR 43-6

SIG. Douglas J. Halverson DATE 2/15/83

HALVERSON AVIONICS, INC.

3430 MILLER ST.

MADISON, WI. 53704

I Certify that the Altimeter and Static
System Tests required by FAR Part 91.170
have been performed. The Altimeter has

been tested to 15,000 feet.

Signature Douglas J. Halverson

Date 2/15/83 Certificate # 3439

HALVERSON AVIONICS

RECEIVED AS
LBRON CABLE
ROCKET FOR
LEFT MAIN
PIN GARR
WDRR CABLE
FOR AIRBORNS
O. # 12430.

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
MAINTENANCE RELEASE The aircraft and/or component identified on work order # <u>6378</u> was installed in accordance with current Federal Air Regulations and was found airworthy for return to service. Dated <u>5/1/83</u> Signed <u>[Signature]</u> HALVERSON AVIONICS, INC. FAA Approved Repair Station No. 3439 3430 Miller St. Madison, Wis. 53704							
REMOVED ACFT-385A R547B AND INSTALLED MARCO MK12 D/10825. SEE WT BR DATA SHEET FOR CHANGES.							
10/29/83 T.T. 1577.6 FLT TESTED - OK. NEW BATTERY DUE APRIL 1984. (Cabin H. Reel AP399605247)							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

VOR Receiver operation checked in accordance with FAR 91.25				DATE	Enter and check ALL
Date	Bearing error VOR 1 VOR 2	Place	Signature	19 ____	
DATE <u>2-9-84</u>				TACH TIME <u>16</u>	
AIRCRAFT TOTAL TIME <u>1605</u>					
PERTINENT DETAIL ON FILE UNDER					
WORK ORDER # <u>7414</u> AT FRIC					
AVIATION CO. <u>Replaced flash</u>					
<u>hexcon lens. (</u>					
<u>seals in it. wi</u>					
<u>transistor on pos</u>					
<u>brake. replaced</u>					
<u>filter. replaced</u>					
<u>test O.K. Part</u>					
<u>accordance with</u>					
<u>it to be in airw</u>					

AIRCRAFT LOG

SIGNATURE OF
PILOT

BB ASD
110825
T. For

ATTENDY
05247

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature	19	
VOR 1 VOR 2					
DATE	29-84	TACH TIME	1605		Replaced A/C hobbys meter meter reading 0000.4. Replaced 6 engine
AIRCRAFT TOTAL TIME	1605				cowl shock mounts. Replaced APU fuse.
PERTINENT DETAIL ON FILE UNDER					Replaced st. main gear tire w/ a BFG Aviator 15x6.00 x 6 6PLY tire. Replaced wheel bearings Rt. side. Replaced nose gear tire & cleaned & packed bearings.
WORK ORDER #	7414	AT FRICKELTON			Replaced flashing beacon lamp. Replaced clamp around beacon lens. Cleaned fuel stains on top of wings, changed seals in st. wing fuel cap and adj. light cap. Replaced gas piston on post-flight circuit was changed. Serviced left yoke. Replaced central vacuum filter and vacuum seal filter. Replaced ELT BATT. new due date: FEB. 86. Function test O.K. I certify this airframe has been inspected in accordance with a ANNUAL inspection and determine it to be in airworthy condition. Scott M. Loubank
AVIATION CO.					IA 390644003.

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
MAINTENANCE RELEASE							
The aircraft and/or component identified on order # <u>5805</u> was installed in accordance with current Federal Air Regulations and was found airworthy for return to service.			<u>INSTALLED ON NEW BLANKETS</u> <u>1EA RNAV 511 W 5130 ADAPTER</u> <u>SEE WGT + BAL DATA SHEET</u> <u>FOR CHARGES</u> I Certify that the Altimeter/Transponder Integrated System Test required by FAR 91.171/91.173 has been performed in accordance with FAR 43, Appendix E & F, and found to be within spec.				
Dated <u>8/30/84</u>			The unit was checked to <u>20,000</u> Feet.				
Signed <u>Donald H. Halverson</u>			Sig. <u>Donald H. Halverson</u> Date <u>3/5/85</u>				
HALVERSON AVIONICS, INC. FAA Approved Repair Station No. 3439 8430 Miller St. Madison, Wis. 53704							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

VOR Receiver operation checked in accordance with FAR 91.25				DATE	Enter here and change ALL DATA
Date	Bearing error VOR 1 VOR 2	Place	Signature	19 ____	
DATE <u>4/2/85</u> TACH/HOURS TIME <u>1234</u> AIRCRAFT TOTAL TIME <u>1234</u> ENGINE/PROP TT <u>N/A</u> SMOH. PERTINENT DETAILS ON FILE UNDER WORK ORDER # <u>9381</u> AT FRICK AVIATION CO., MADISON, WISCONSIN					
I CERTIFY THIS ENGINE/AIRFRAME/PROP HAS BE INSPECTED IN ACCORDANCE WITH A 100 HR/AN/ INSPECTION AND DETERMINE IT TO BE IN AIRWORTHY CONDITION.					
MECHANIC SIGN: <u>C. A. Paul</u>					
A/P/IA# <u>296524</u>					

AIRCRAFT LOG

SIGNATURE OF
PILOT

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature	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.					
DATE <u>4/3/85</u> TACH/HOURS TIME <u>1734</u> PERFORMED ANNUAL INSPECTION					
AIRCRAFT TOTAL TIME <u>1734</u> 17W CESSNA SERVICE INSTRUCTIONS.					
ENGINE/PROP TT <u>NA</u> SMOH <u>NA</u> INSTALLED NEW AIRCRAFT BATTERY, GILL MODEL G243. (REPLACED VACUUM					
PERTINENT DETAILS ON FILE UNDER REGULATOR FILTER, REPLACED LANDING					
WORK ORDER # <u>9381</u> AT FRICKELTON GEAR POWERPACK DIODE + NOSE					
AVIATION CO., MADISON, WISCONSIN 53704 LANDING GEAR DOWN LOCK SWITCH.					
RETRACTION TEST OK. ELT CHECK					
OK - NEW BATTERY DUE 2/86.					
I CERTIFY THIS ENGINE/AIRFRAME/PROP HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/ANNUAL INSPECTION AND DETERMINE IT TO BE IN AIRWORTHY CONDITION.					
MECHANIC SIGN: <u>[Signature]</u>					
A/P/IA# <u>39965247</u>					

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
5/23/85	VACUUM PUMP COOLING KIT FIELD APPROVED. SEE FAA FORM 337 (APPROVAL DATE 5/23/85) IN BACK OF THIS BOOK. C.H. (C) AB 399605247 FAC MADISON, WISC. 53704						
DATE <u>10/17/85</u>	TACH/HOBBS TIME <u>1821.5</u>			REPLACED R/BRAKE PADS & O-RING IN BRAKE HOUSING. REPLACED EGT GAGE, EGT PROBE, & CHT PROBE WITH NEW UNITS. REPAIRED JUMP R WIRE AT OIL TEMP GAGE. REPLACED BULBS AT CHT & R/FUEL GAGES. C.H. (C) AB 399605247			
AIRCRAFT TOTAL TIME <u>1821.5</u>							
ENGINE/PROP TT <u> </u>	SMCH <u> </u>						
PERTINENT DETAILS ON FILE UNDER WORK ORDER # <u>9819</u> AT FRICKELTON AVIATION CO., MADISON, WISCONSIN 53704							

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

[illegible]

AIRCRAFT LOG

SIGNATURE OF
PILOT

D. SEE
BACK
FAC

RING IN
T GAGE,
WITH NEW
WIRE AT
ED BULBS
S. C. H.

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature	19	
				FEB. 6 1986	Installed new E/T battery. TACH TIME: 1838.9 Ops check O.K. Next battery due February 1988. John J. Collier ACP 397568320 Frickelton Aviation Co. Madison, WI
6-9-86				ANNUAL INSP. COMPLETED THIS DATE: 1879.7 TACH & TOTAL. ALL CONTROLS & SYSTEMS SERVICED (AUG) LESNA SERVICE INSTRUCTIONS REPLAID LIT. BRAKE PADS 1/8" 40% GEAR GREASED - RETRACT TEST SATISFACTORY. REPLACE FUEL FLOW HP HOSE W/ STRATO FLEX III FRESH EN FITTINGS - LEAK CK SATISFACTORY BENDIX AD 78-09-07R3 DUE 1949 TACH	"I certify that this AIRCRAFT has been inspected in accordance with ANNUAL inspection and was determined to be in air- worthy condition."
					Lee P. [Signature] [Signature] [Signature]

\$100

Superior Instrument Service, Inc.

6130 Highland Road
PONTIAC, MICHIGAN 48054



Repair Sta. No. 3754

Class 1, 2, & 3

Customer G.B. DORSET, INC.

Inst. Sens. Alt.

Type SS34P-1 Serial L66616

W.O. 19146 P.O. 2966

☒ Overhaul ☒ Serviceable

☐ Repair Only ☐ Estimate

☒ Bench Test ☐ Unserviceable

Customer Instructions:

Overhauled, calibrated & certified
to ~~28000~~²⁸⁰⁰⁰ 18000 Ft. IAW
FAA 43-E specs.

Internal Inspection - OK

\$300

Superior Instrument Service, Inc.

6130 Highland Road
PONTIAC, MICHIGAN 48054



Repair Sta. No. 3754

Class 1, 2, & 3

Customer G.B. DORSET, INC.

Inst. Blind Encoder

Type D420P2-T Serial 24497

W.O. 19146 P.O. 2960

☒ Overhaul ☒ Serviceable

☒ Repair Only ☐ Estimate

☒ Bench Test ☐ Unserviceable

Customer Instructions:

Overhauled, repaired, & calibrated
to 18,000 IAW FAA 43-E-F
Specs with Alt. SN L66616
ONLY!

Internal Inspection - OK

Record No. 22275
Hysteresis - O.K.
Baro - O.K.
Cag test - O.K.
After effect - O.K.
Leak Rate - 20 FPM at 20 K.H.

Record No. 22274
Balance Arm Spring - O.K.
Hysteresis - O.K.
Baro - O.K.
After effect - O.K.
Cag test - O.K.
Leak Rate - 15 FPM at 20 K.H.

Mechanic David S. Hyndal
Inspector Charles Olive
~~for #21412~~

The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 19149

Date 14 APR 83
Released by Charles Olive
~~for #21412~~
for

SUPERIOR INSTRUMENT SERVICE, INC.
Cert. No. 3754

6130 Highland Road Pontiac, Mich. 48054

Mechanic David S. Hyndal
Inspector Charles Olive
~~for #21412~~

The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 19146

Date 14 APR 83
Released by Charles Olive
~~for #21412~~
for

SUPERIOR INSTRUMENT SERVICE, INC.
Cert. No. 3754

6130 Highland Road Pontiac, Mich. 48054

Record No. 22275
Hysteresis - O.K.
Baro - O.K.
Cag test - O.K.
After effect - O.K.
Leak Rate - 20 FPM at 20 K.H.

Record No. 22274
Balance Arm Spring - O.K.
Hysteresis - O.K.
Baro - O.K.
After effect - O.K.
Cag test - O.K.
Leak Rate - 15 FPM at 20 K.H.

Mechanic David S. Hyndal
Inspector Charles Olive
~~for #23442~~

The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 19149

Date 14 APR 87
Released by Charles Olive
~~for #23442~~ for

SUPERIOR INSTRUMENT SERVICE, INC.
Cert. No. 3754

6130 Highland Road Pontiac, Mich. 48054

Mechanic David S. Hyndal
Inspector Charles Olive
~~for #23442~~

The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 19146

Date 24 APR 87
Released by Charles Olive
~~for #23442~~ for

SUPERIOR INSTRUMENT SERVICE, INC.
Cert. No. 3754

6130 Highland Road Pontiac, Mich. 48054

COMPLIES WITH FAR
PART 43 APPENDIX E
SERVICEABLE



METRO AIRCRAFT INSTRUMENTS, INC.

2135 AIRPORT RD. • OAKLAND-PONTIAC AIRPORT

PONTIAC, MICH. 48054-1377 • 313-666-3670

INSTRUMENT DIVISION

F.A.A. Approved Instrument Repair Station No. 3027

Unit Remote Encoder -1,000 To +18,000 Ft.
Mfg. Trans-cal Model No. D120-P2-T
Ser. No. 29376 Part No. _____
T.S.O. 0:00
Overhaul ☒ New ☐ Repair ☐ Functional Only ☐
Mech. ST Inspector RTS
Date 2-22-88
Customer Michigan Aviation

The Aircraft and/or Component identified above was repaired and inspected in accordance with the Civil Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

W.O. No. 33821 Date 2-22-88

Signed 

Signature of Authorized Person

for

METRO AIRCRAFT INSTRUMENTS, INC.

Certificate No. 3027

OAKLAND-PONTIAC AIRPORT

2135 Airport Rd.

Pontiac, Michigan 48054-1377

AIRCRAFT LOG

[illegible][illegible]

AIRCRAFT LOG

SIGNATURE OF
PILOT

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1	VOR 2		19	
7-10-87			TR - 20246		Annual Inspection REMARKED NOSE GEAR DOOR - REMAINED SHINY DAMPER - SERVICED - SERVICED NOSE Sissors - REPLACE P-1000 ELUTION TIP & PAINT: AIRCRAFT JACKED FOR RETRACTION CHECK - SERVICED AND FLUID RESURFACED & BATTERY. - REPLACED SEPT STOPS WITH 0750074-1 STOP & MS 20392-1C21 PIN
9/2/87					Corrosion Prevention LPS2
12-8-87			tach-2088,6(2088,6)		Replaced magneto impulse coupling gasket, Replaced LT. wing tie down spring, Changed oil filter. Robert C. Suchodolski 1487086AT
2/12/88					New concord Battery installed 24.

MEMORANDA

Date	
2-9-84	AD'S. Cessna 177RG SERIES 177RG S/N 1297 72-03-03 Wing flap jack screw N/A by S/N 76-04-03 - ARCO PA-150QA actuators N/A by S/N 76-14-08 Trim tab actuators N/A by S/N 76-21-06 Loss of engine oil N/A by S/N 77-12-08 External elec. grd. purv. recap. N/A by S/N 79-08-03 Electrical system N/A by S/N
7-10-87	86-19-11 FUEL Contaminated Fuel) Quick Drains Installed (Firedrums) 86-24-7 ENGINE CONTROL SECURED) SECURED WITH A Control P. [unclear] [unclear] Prop - McCauley B2D34C 207, S/N 775632 70-04-01 N/A by Model; serial number 77-17-09 N/A by Model number. 82-27-02 N/A by Year 77-16-01 BLADE ACTUATING PINN 2B02 N/A NOT MODIFIED

Date	
	a
	7
	b
	7
*	7
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MEMORANDA

Date	
	Sycoming - 10-360-A1B6D see eng. logbook
	Accessories -
	79-05-02 LiSO ₂ Batteries Superseded by AD 79-18-05 P/C/W.
	Bendix -
	78-18-04 P/C/W 7-24-79
	* 78-09-07 Due at 1949 tach hrs.
	79-12-07 N/A by mod.
	79-18-06 P/C/W 9-27-79
	80-17-14 P/C/W 2-12-80
	82-11-05 P/C/W 11-25-82
	78-9-7 IMPULSE Inspection 7-10-87-2046 hrs Judd Melillo DA-P1358298
	90-4-6 GAVENON Lines Insp 11-3-90 2464 Judd Melillo DA-P1358298

1297

S/N

S/N

S/N

S/N

by S/N

S/N

vs Installer (F. J. Judd Melillo)
 N/A C. H. H. P. Judd Melillo
 P. J. Judd Melillo

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MEMORANDA

[illegible]



"LOOK FOR THE RED AND BLUE
CESSNA PENNANTS FOR THAT
EXTRA SERVICE WHERE IT COUNTS
WHEN YOU NEED IT."

CESSNA AIRCRAFT COMPANY WICHITA, KANSAS