



COLBRIN
Aircraft Exchange™

COLBRIN AIRCRAFT PORTFOLIO

CONTROL AERO

Maintenance & Inspections

(301) 894-5555

(800) 892-0505

Frederick Municipal Airport
Frederick, Maryland 21701

DAVE DODDS, I.A.

COLBRIN AIRCRAFT PORTFOLIO

COLBRIN AIRCRAFT EXCHANGE

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PORTFOLIO CONTENTS SHEET

SELLER

COLBRIN AIRCRAFT EXCHANGE

	<u>PAGE</u>
Colbrin Aircraft Data Report (front page only)	1
Title Search	2
Airworthiness Directives	3
Aircraft Specifications	4

APPENDIX:

DOCUMENTATION (photocopies)	A
Required Aircraft Documents	✓
Equipment List	✓
Last Annual	✓
Damage History (if applicable)	✓

ELECTIVES (by request) ✓ <u>if applicable</u>	B
Ground Inspection	☒
Flight Inspection	☐
Avionics Inspection	☐
Prepurchase Inspection	☐
Copies of Aircraft Engine Logs	☐
Engine Oil Analysis	☐

COLBRIN AIRCRAFT EXCHANGE

AIRCRAFT DATA REPORT

AIRCRAFT IDENTIFICATION:

PURCHASE PRICE: \$15,800

YEAR: 1968

MAKE: CESSNA

MODEL: 177

N#: 3212T

SERIAL: 17700512

AIRCRAFT INFORMATION

ENGINE & MODEL: LYCOMING

TBO: 2000

TOTAL TIME: AIRFRAME 1380
(SMOH, SFRM, STOP, SNEW)

STATUS: SNEW

PROP MAKE: L= MCCAULEY

ANNUAL DUE: FRESH W/SALE

LAST COMPRESSION: DATE - _____ 76-75-77-74

DAMAGE HISTORY: NO

AD's COMPLIED WITH: YES

INTERIOR: COLOR(s) GREEN VINYL

CONDITION: 7

EXTERIOR: COLOR(s) WHITE/GREEN/GREEN

CONDITION: 8

AVIONICS INSPECTIONS DUE: ALTIMETER 7/88 TRANSPONDER 7/88

**RECONSTRUCTED LOGS

AVIONICS

	MAKE	MODEL #
COMM. 1	CESSNA	RT328
COMM. 2	CESSNA	RT328
NAV. 1	CESSNA	
NAV. 2	CESSNA	
TRANSPONDER	CESSNA	RT395A
MARKERS	CESSNA	400
GLIDESLOPE		YES
ADF	CESSNA	R-546E
AVIONICS MASTER		

EQUIPMENT

TAS INDICATOR	EXTERNAL POWER PLUG
TINTED GLASS	USEFUL FUEL 882.35
CLOCK	EGT
STAINLESS STEEL SCREW KIT	CHROME DISKS
NEW MUFFLER	NEW BATTERY
ALL ENGINE ACCESSORIES OVERHAULED --	CARB, MAG'S, ALT, STARTER, VACUUM PUMP

AD NOTES

AIRWORTHINESS DIRECTIVES REPORT

N 32127 S/N 17700512

MODEL C-177

A.D.	DESCRIPTION	DATE	HOURS	METHOD OF COMPLIANCE	TIME	RECUR- RING	NEXT COMP DUE	SIGNATURE
70-24-4	Fuel shut-off valve	11/24/82	1351.0	CHECKED & ADJUSTED AS PER AD instruction		EVERY 100 hr	1351.0	<i>[Signature]</i>
71-24-4	Flex hoses in Eng. comp.	↑	↑	C/W BY PRESS AND VISUAL INSPECTION - OK		EVERY 100 hr	1351.0	<i>[Signature]</i>
72-3-3	Wing flap jack screw	↑	↑	C/W BY CLEANING & LUBE		EVERY 100 hr	1351.0	<i>[Signature]</i>
76-14-8	Trim tab actuator	↓	↓	N/A by S/N				<i>[Signature]</i>
82-20-1	Bendix Impulse coupling	11/24/82	1351.0	C/W BY INSPECTION AS PER AD INSTE. OK	X			
78-09-07	Bendix Impulse coupling insp			APPLIES TO LEFT wing Installed NEW AT 1165.3		EVERY 500 hr	1665.3	<i>David E. Breda</i>
70-24-4	Fuel shut-off valve	12/1/86	1352.0	C/W		EVERY 100 hr	1452.0	<i>[Signature]</i>
71-24-4	Flex hose			C/W		"	"	<i>[Signature]</i>
72-3-3	Wing flap jack screw	12/1/86	1352.0	C/W		EVERY 100 hr	1452.0	<i>[Signature]</i>
84-26-02	Induction air filter	12/1/86	1352.0	Installed NEW AT 1150.8		EVERY 500 hr	1650.8	<i>David E. Breda</i> 990547027377

"N" NUMBER N3212T MODEL C-177

S/N NUMBER 17700512

Lycoming 0-320-E2D S/N 1-26623-274

AIRWORTHINESS DIRECTIVES REPORT

D. C. D. AERO SERVICE Co.
CESSNA BUILDING
FREDRICK MUNICIPAL AIRPORT
FREDRICK, Mo 21701

A.D.	DESCRIPTION	DATE	HOURS	METHOD OF COMPLIANCE	ONE TIME	RECUR-RING	NEXT COMP. DUE	SIGNATURE AND NUMBER
68-7-9	Longitudinal control system	9/26/81	1150.8	P/C/W	X			
68-7-4	Stall warning system	↑	↑	P/C/W	X			
68-18-2	oil pressure line			P/C/W	X			
70-1-2	Fuel quantity trans			P/C/W	X			
70-24-4	Fuel shut off valve			CHECKED & ADJUSTED CABLE AS PER AD instr.	X		EVERY 100 HR 1250.8	
71-1-3	Leak's in stabilizer attach			P/C/W	X			
71-24-4	Flex hoses in Eng comp.			C/W by insp. ALL LINES REPLACED C/W BY CLEAVING & LUBED w/ moly lith.	X		EVERY 100 HR 1250.8 EVERY 100 HR 1250.8	
72-3-3	Wing flap jack screw			P/C/W	X			
74-16-6	oil press gage line							
75-7-2	Foam Rubber Air Filter seal	↓	↓	N/A by S/N				
77-8-3	Elec. system failure	↓	↓	Installed in-line fuse CIGAR light circuit	X			
79-10-14	Fuel tank venting	9/26/81	1150.8	C/W by installation of two NEW fuel caps	X			
73-23-1	Piston pins	9/26/81	1150.8	N/A by S/N				
75-9-9	oil pump failures	↓	↓	N/A by S/N				
81-18-4	Oil pump failures	9/26/81	1150.8	DUE AT TACH 2000 hrs	X			
79-18-5	Li SO2 ELT batteries	9/26/81	1150.8	C/W by installation of KIT C589511-0119	X			

AIRCRAFT SPECIFICATIONS AND PERFORMANCE FIGURES

COLBRIN AIRCRAFT EXCHANGE

CESSNA 177

TYPE OF POWER	HP OR LBS. OF THRUST ON EACH ENGINE	MAXIMUM SPEED MPH	RECOMMENDED CRUISE SPEED MPH	STALL SPEED MPH DIRTY	FUEL CAP. GAL./LBS. STANDARD	FUEL CAP. GAL./LBS. OPTIONAL
Piston	150	144	134	53	49	

ALL ENGINES SERVICE CEILING	ENGINE OUT SERVICE CEILING	ALL ENGINES RATE-OF-CLIMB	ENGINE OUT RATE-OF-CLIMB	TAKEOFF OVER 50 FEET	TAKEOFF GROUND RUN	LAND OVER 50 FEET
12,700		670		1,575	845	1,135

LAND GROUND ROLL	GROUND WEIGHT POUNDS	EMPTY WEIGHT POUNDS	LENGTH FEET/INCHES	HEIGHT FEET/INCHES	WING SPAN FEET/INCHES
400	2,500	1,440	27/0	9/1	35/7

ADDITIONAL INFORMATION:

1. Average Overhaul Price Installed - \$ 7,500
2. Aircraft Time Before Overhaul (TBO) - 2000 Hours
3. Paint Price Range Estimate - \$ 2,250-3,000
4. Interior New Range Estimate - \$ 1,500
5. Interior New Complete Estimate - \$ 3,000

337's & WEIGHT & BALANCE

FOR FAA USE ONLY
OFFICE IDENTIFICATION

1. AIRCRAFT	MAKE Cessna	MODEL 177
	SERIAL NO. 17700512	NATIONALITY AND REGISTRATION MARK USA N3212T
2. OWNER	NAME (As shown on registration certificate) Dodds, James A. Dodds, David C.	ADDRESS (As shown on registration certificate) 17821 Mill Creek Drive Derwood, Maryland 20855

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTER- ATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT	XX				
PROPELLER	XX				
APPLIANCE	TYPE	XX			
	MANUFACTURER				

A&P547027377

SIGNATURE OF AUTHORIZED INDIVIDUAL:

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	X	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 8/20/83		CERTIFICATE OR DESIGNATION NO. 305547795		SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Samy Z. Bilal</i>	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Remove ARC RT-540A Nav/Comm and Narco ADF-29 systems, retaining original Nav/Comm antennas and ADF sense antenna.

Installed the following--

Two- ARC RT-328T Nav/Comm's with indicators IN-525B and IN-514B at Sta. 69.0 and one Comm antenna at sta. 127.14

One- ARC R-546E ADF with indicator at sta. 69.0 and sensor loop L-346A at sta. 112.0 and loop cable distributed weight at sta. 90.5.

One- ARC RT-359A Transponder at sta. 69.0.

One- ARC Audio Panel at sta. 69.0.

One- ARC Marker Beacon receiver at sta. 59.0 with antenna at sta. 99.75.

One- ARC R-443B Glideslope receiver at sta. 184.5.

The panel units installed in accordance with AC43.13-2. The electrical system load checked in accordance with AC43.13-1, Chapter 11, Section 2. Antennas installed I/C/W Chapter 3, AC43.13-2.

Aircraft Weight and Balance and Equipment List revised to indicate the above changes.

New aircraft empty weight - 1467.6 lbs.

New aircraft C.G. - 106.3

XX

MODEL 177

12-5-67

Item	W. (lb.)	X (in.)	W. X (lb.-in.)	Moment (lb.-in. ²)
2000 lb. (144 in.)	1500.0	100.3	150000.0	142442
1000 lb. (144 in.)	500.0	54.1	50000.0	7022
500 lb. (144 in.)	500.0	54.1	50000.0	7022
100 lb. (144 in.)	100.0	100.3	10000.0	1424
50 lb. (144 in.)	50.0	54.1	5000.0	702
25 lb. (144 in.)	25.0	27.0	2500.0	351
10 lb. (144 in.)	10.0	10.8	1000.0	142
5 lb. (144 in.)	5.0	5.4	500.0	70
2 lb. (144 in.)	2.0	2.7	200.0	35
1 lb. (144 in.)	1.0	1.4	100.0	17
0.5 lb. (144 in.)	0.5	0.7	50.0	8
0.2 lb. (144 in.)	0.2	0.3	20.0	3
0.1 lb. (144 in.)	0.1	0.1	10.0	1
0.05 lb. (144 in.)	0.05	0.05	5.0	0.5
0.02 lb. (144 in.)	0.02	0.02	2.0	0.2
0.01 lb. (144 in.)	0.01	0.01	1.0	0.1
0.005 lb. (144 in.)	0.005	0.005	0.5	0.05
0.002 lb. (144 in.)	0.002	0.002	0.2	0.02
0.001 lb. (144 in.)	0.001	0.001	0.1	0.01
0.0005 lb. (144 in.)	0.0005	0.0005	0.05	0.005
0.0002 lb. (144 in.)	0.0002	0.0002	0.02	0.002
0.0001 lb. (144 in.)	0.0001	0.0001	0.01	0.001
0.00005 lb. (144 in.)	0.00005	0.00005	0.005	0.0005
0.00002 lb. (144 in.)	0.00002	0.00002	0.002	0.0002
0.00001 lb. (144 in.)	0.00001	0.00001	0.001	0.0001
0.000005 lb. (144 in.)	0.000005	0.000005	0.0005	0.00005
0.000002 lb. (144 in.)	0.000002	0.000002	0.0002	0.00002
0.000001 lb. (144 in.)	0.000001	0.000001	0.0001	0.00001
0.0000005 lb. (144 in.)	0.0000005	0.0000005	0.00005	0.000005
0.0000002 lb. (144 in.)	0.0000002	0.0000002	0.00002	0.000002
0.0000001 lb. (144 in.)	0.0000001	0.0000001	0.00001	0.000001
0.00000005 lb. (144 in.)	0.00000005	0.00000005	0.000005	0.0000005
0.00000002 lb. (144 in.)	0.00000002	0.00000002	0.000002	0.0000002
0.00000001 lb. (144 in.)	0.00000001	0.00000001	0.000001	0.0000001
0.000000005 lb. (144 in.)	0.000000005	0.000000005	0.0000005	0.00000005
0.000000002 lb. (144 in.)	0.000000002	0.000000002	0.0000002	0.00000002
0.000000001 lb. (144 in.)	0.000000001	0.000000001	0.0000001	0.00000001
0.0000000005 lb. (144 in.)	0.0000000005	0.0000000005	0.00000005	0.000000005
0.0000000002 lb. (144 in.)	0.0000000002	0.0000000002	0.00000002	0.000000002
0.0000000001 lb. (144 in.)	0.0000000001	0.0000000001	0.00000001	0.000000001
0.00000000005 lb. (144 in.)	0.00000000005	0.00000000005	0.000000005	0.0000000005
0.00000000002 lb. (144 in.)	0.00000000002	0.00000000002	0.000000002	0.0000000002
0.00000000001 lb. (144 in.)	0.00000000001	0.00000000001	0.000000001	0.0000000001
0.000000000005 lb. (144 in.)	0.000000000005	0.000000000005	0.0000000005	0.00000000005
0.000000000002 lb. (144 in.)	0.000000000002	0.000000000002	0.0000000002	0.00000000002
0.000000000001 lb. (144 in.)	0.000000000001	0.000000000001	0.0000000001	0.00000000001
0.0000000000005 lb. (144 in.)	0.0000000000005	0.0000000000005	0.00000000005	0.000000000005
0.0000000000002 lb. (144 in.)	0.0000000000002	0.0000000000002	0.00000000002	0.000000000002
0.0000000000001 lb. (144 in.)	0.0000000000001	0.0000000000001	0.00000000001	0.000000000001
0.00000000000005 lb. (144 in.)	0.00000000000005	0.00000000000005	0.000000000005	0.0000000000005
0.00000000000002 lb. (144 in.)	0.00000000000002	0.00000000000002	0.000000000002	0.0000000000002
0.00000000000001 lb. (144 in.)	0.00000000000001	0.00000000000001	0.000000000001	0.0000000000001
0.000000000000005 lb. (144 in.)	0.000000000000005	0.000000000000005	0.0000000000005	0.00000000000005
0.000000000000002 lb. (144 in.)	0.000000000000002	0.000000000000002	0.0000000000002	0.00000000000002
0.000000000000001 lb. (144 in.)	0.000000000000001	0.000000000000001	0.0000000000001	0.00000000000001
0.0000000000000005 lb. (144 in.)	0.0000000000000005	0.0000000000000005	0.00000000000005	0.000000000000005
0.0000000000000002 lb. (144 in.)	0.0000000000000002	0.0000000000000002	0.00000000000002	0.000000000000002
0.0000000000000001 lb. (144 in.)	0.0000000000000001	0.0000000000000001	0.00000000000001	0.000000000000001
0.00000000000000005 lb. (144 in.)	0.00000000000000005	0.00000000000000005	0.000000000000005	0.0000000000000005
0.00000000000000002 lb. (144 in.)	0.00000000000000002	0.00000000000000002	0.000000000000002	0.0000000000000002
0.00000000000000001 lb. (144 in.)	0.00000000000000001	0.00000000000000001	0.000000000000001	0.0000000000000001
0.000000000000000005 lb. (144 in.)	0.000000000000000005	0.000000000000000005	0.0000000000000005	0.00000000000000005
0.000000000000000002 lb. (144 in.)	0.000000000000000002	0.000000000000000002	0.0000000000000002	0.00000000000000002
0.000000000000000001 lb. (144 in.)	0.000000000000000001	0.000000000000000001	0.0000000000000001	0.00000000000000001
0.0000000000000000005 lb. (144 in.)	0.0000000000000000005	0.0000000000000000005	0.00000000000000005	0.000000000000000005
0.0000000000000000002 lb. (144 in.)	0.0000000000000000002	0.0000000000000000002	0.00000000000000002	0.000000000000000002
0.0000000000000000001 lb. (144 in.)	0.0000000000000000001	0.0000000000000000001	0.00000000000000001	0.000000000000000001
0.00000000000000000005 lb. (144 in.)	0.00000000000000000005	0.00000000000000000005	0.000000000000000005	0.0000000000000000005
0.00000000000000000002 lb. (144 in.)	0.00000000000000000002	0.00000000000000000002	0.000000000000000002	0.0000000000000000002
0.00000000000000000001 lb. (144 in.)	0.00000000000000000001	0.00000000000000000001	0.000000000000000001	0.0000000000000000001
0.000000000000000000005 lb. (144 in.)	0.000000000000000000005	0.000000000000000000005	0.0000000000000000005	0.00000000000000000005
0.000000000000000000002 lb. (144 in.)	0.000000000000000000002	0.000000000000000000002	0.0000000000000000002	0.00000000000000000002
0.000000000000000000001 lb. (144 in.)	0.000000000000000000001	0.000000000000000000001	0.0000000000000000001	0.00000000000000000001
0.0000000000000000000005 lb. (144 in.)	0.0000000000000000000005	0.0000000000000000000005	0.00000000000000000005	0.000000000000000000005
0.0000000000000000000002 lb. (144 in.)	0.0000000000000000000002	0.0000000000000000000002	0.00000000000000000002	0.000000000000000000002
0.0000000000000000000001 lb. (144 in.)	0.0000000000000000000001	0.0000000000000000000001	0.00000000000000000001	0.000000000000000000001
0.00000000000000000000005 lb. (144 in.)	0.00000000000000000000005	0.00000000000000000000005	0.0000000000000000000005	0.00000000000000000000005
0.00000000000000000000002 lb. (144 in.)	0.00000000000000000000002	0.00000000000000000000002	0.0000000000000000000002	0.00000000000000000000002
0.00000000000000000000001 lb. (144 in.)	0.00000000000000000000001	0.00000000000000000000001	0.0000000000000000000001	0.00000000000000000000001
0.000000000000000000000005 lb. (144 in.)	0.000000000000000000000005	0.000000000000000000000005	0.000000000000000000000005	0.000000000000000000000005
0.000000000000000000000002 lb. (144 in.)	0.000000000000000000000002	0.000000000000000000000002	0.000000000000000000000002	0.000000000000000000000002
0.000000000000000000000001 lb. (144 in.)	0.000000000000000000000001	0.000000000000000000000001	0.000000000000000000000001	0.000000000000000000000001
0.0000000000000000000000005 lb. (144 in.)	0.0000000000000000000000005	0.0000000000000000000000005	0.0000000000000000000000005	0.0000000000000000000000005
0.0000000000000000000000002 lb. (144 in.)	0.0000000000000000000000002	0.0000000000000000000000002	0.0000000000000000000000002	0.0000000000000000000000002
0.0000000000000000000000001 lb. (144 in.)	0.0000000000000000000000001	0.0000000000000000000000001	0.0000000000000000000000001	0.0000000000000000000000001
0.00000000000000000000000005 lb. (144 in.)	0.00000000000000000000000005	0.00000000000000000000000005	0.00000000000000000000000005	0.00000000000000000000000005
0.00000000000000000000000002 lb. (144 in.)	0.00000000000000000000000002	0.00000000000000000000000002	0.00000000000000000000000002	0.00000000000000000000000002
0.00000000000000000000000001 lb. (144 in.)	0.00000000000000000000000001	0.00000000000000000000000001	0.00000000000000000000000001	0.00000000000000000000000001
0.000000000000000000000000005 lb. (144 in.)	0.000000000000000000000000005	0.000000000000000000000000005	0.000000000000000000000000005	0.000000000000000000000000005
0.000000000000000000000000002 lb. (144 in.)	0.000000000000000000000000002	0.000000000000000000000000002	0.000000000000000000000000002	0.000000000000000000000000002
0.000000000000000000000000001 lb. (144 in.)	0.000000000000000000000000001	0.000000000000000000000000001	0.000000000000000000000000001	0.000000000000000000000000001
0.0000000000000000000000000005 lb. (144 in.)	0.0000000000000000000000000005	0.0000000000000000000000000005	0.0000000000000000000000000005	0.0000000000000000000000000005
0.0000000000000000000000000002 lb. (144 in.)	0.0000000000000000000000000002	0.0000000000000000000000000002	0.0000000000000000000000000002	0.0000000000000000000000000002
0.0000000000000000000000000001 lb. (144 in.)	0.0000000000000000000000000001	0.0000000000000000000000000001	0.0000000000000000000000000001	0.0000000000000000000000000001
0.00000000000000000000000000005 lb. (144 in.)	0.00000000000000000000000000005	0.00000000000000000000000000005	0.00000000000000000000000000005	0.00000000000000000000000000005
0.00000000000000000000000000002 lb. (144 in.)	0.00000000000000000000000000002	0.00000000000000000000000000002	0.00000000000000000000000000002	0.00000000000000000000000000002
0.00000000000000000000000000001 lb. (144 in.)	0.00000000000000000000000000001	0.00000000000000000000000000001	0.00000000000000000000000000001	0.00000000000000000000000000001
0.000000000000000000000000000005 lb. (144 in.)	0.000000000000000000000000000005	0.000000000000000000000000000005	0.000000000000000000000000000005	0.000000000000000000000000000005
0.000000000000000000000000000002 lb. (144 in.)	0.000000000000000000000000000002	0.000000000000000000000000000002	0.000000000000000000000000000002	0.000000000000000000000000000002
0.000000000000000000000000000001 lb. (144 in.)	0.000000000000000000000000000001	0.000000000000000000000000000001	0.000000000000000000000000000001	0.000000000000000000000000000001
0.0000000000000000000000000000005 lb. (144 in.)	0.0000000000000000000000000000005	0.0000000000000000000000000000005	0.0000000000000000000000000000005	0.0000000000000000000000000000005
0.0000000000000000000000000000002 lb. (144 in.)	0.0000000000000000000000000000002	0.0000000000000000000000000000002	0.0000000000000000000000000000002	0.0000000000000000000000000000002
0.0000000000000000000000000000001 lb. (144 in.)	0.0000000000000000000000000000001	0.0000000000000000000000000000001	0.0000000000000000000000000000001	0.0000000000000000000000000000001
0.00000000000000000000000000000005 lb. (144 in.)	0.00000000000000000000000000000005	0.00000000000000000000000000000005	0.00000	

$\text{R-Ross WERRD} = \text{R-Ross DEEMPT WLF} - \text{R-Ross LTRD}$ $(\text{Total FBS}) - (1,440.5 \text{ FBS} - 903.5 \text{ FBS})$	$= 537 \text{ FBS}$
--	---------------------

$$\frac{1}{\pi} \int_{-\pi}^{\pi} f(e^{it}) dt = \lim_{n \rightarrow \infty} \frac{1}{2\pi} \int_{-\pi}^{\pi} f(e^{it}) \frac{1 - e^{i(n+1)t}}{1 - e^{it}} dt$$

	W. & A. (1951)	C. & A. (1951)	Monaco (1951)
Licensed Empty Wt.	1445.5		153.9
Oil (8 Gals.)	15	44.0	0.7
Food & Food Passenger	0.1	93.0	11.0
Fuel	83.5	112.0	9.9
Rear Seat Passenger	340	134.0	45.6
Empty Wt. Total	120.0	162.0	19.4

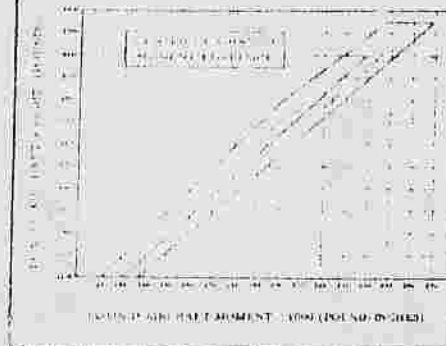
Final (mean) $\Delta W_{\text{mg}}/\text{g}$	2450	261.1
--	------	-------

Locate this point (2) **261.1** on the C-C
Moment-Envelope. Use the point falls within the
The loading direction is **positive** (require no tie)

IT IS THE RESPONSIBILITY OF THE PILOT AND
 AIRPLANE OWNER TO TEST, THAT THE AIR-
 CRAFT IS LOADED PROPERLY. THE EMPTY
 WEIGHT IS 6,450 LBS. FORWARD FOR THE
 AIRCRAFT AS SHOWN IN THE MFG. FACTORY
 OF THE JACOBSON FAA-337 WHEN ALTERATIONS
 HAVE BEEN MADE

C. G. MOMENT ENVELOPE INSTRUCTIONS

- i) To the incenseit empty weight add weight of all items to be carried.
- ii) To the incenseit empty weight moment add moment of all items to be carried.
- iii) Incenseit point determined by T-4 II and moment will determine the CG moment envelope for loading in satisfactory.



Form/Issue date: 25 July 1967

THIS IS A COPY OF THE WEIGHT & BALANCE AND
-INSTALLED EQUIPMENT DATA FURNISHED AT TIME OF
ORIGINAL AIRWORTHINESS CERTIFICATION. IT DOES
NOT REFLECT EQUIPMENT CHANGES WHICH MAY
HAVE BEEN MADE SUBSEQUENT TO ISSUANCE OF AN
-AIRWORTHINESS CERTIFICATE.

E. Vanderbeke 8-25-81
CESSNA 441 FT COMPANY DATE

D. C. D. AERO SERVICE Co.
CESSNA BUILDING
FREDRICK MUNICIPAL AIRPORT
FREDRICK, Mo 21701

Date- 9/26/81

Aircraft weight and balance data list

Registration number - N3212T
Aircraft serial number - 17700512

	Weight	Arm	Moment
Old A/C empty weight-	1446.5	106.30	153911

All previous aircraft weight and balance data lost as of this date, Copy of original data obtained from factory. Aircraft weighed with empty fuel and full oil with the following items installed since factory-

Narco ADF-29 System
Dorne & Margolin ELT with battery kit

*SUPERSEDED
8/20/83
David C. Dadds
ATP 547027377*

Aircraft Gross Weight (normal)	-	2350.0
(utility)	-	2200.0

New aircraft empty weight	-	1453.3
---------------------------	---	--------

New aircraft empty weight C.G.	-	106.70
--------------------------------	---	--------

New aircraft usefull load (normal)	-	896.70
(utility)	-	746.70

2350
1468
882
500
382

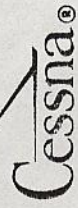
David C. Dadds
ATP 547027377

WEIGHT & BALANCE RECORD

3212T Model 177 S/N 17700512 G/W 2350.0
 (utility) 2200.0

DATE	ITEMS ADDED OR REMOVED	WEIGHT	ARM	MOMENT
8/20/83	Remove the following-- One- ARC RT-540A Nav/Comm One- Narco ADF-29 Reciever One- ADF sense loop antenna One- ADF sense loop antenna cable	-11.50 - 5.25 - 2.50 - 1.50	69.0 69.0 190.0 127.5	793.50 362.28 475.00 191.25
	Installed the following-- Two- ARC RT-328T Nav/Comm's with indicators IN-525B & IN 514B One- ARC R-546E ADF and indicator One- ARC RT-359A Transponder One- ARC Audio Panel Two- power filters One- ARC Marker Beacon reciever One- Marker Beacon antenna One- ARC R-443B Glideslope reciever One- Comm antenna One- ARC L-346A ADF sensor loop One- ADF sensor loop cable	+16.6 + 4.2 + 3.5 + 1.5 + 2.0 + .7 + .5 + 2.0 + 1.5 + 1.6 + 1.0	1169.0 69.0 69.0 69.0 59.0 59.0 99.75 184.5 127.1 112.0 90.5	1145.40 289.80 241.50 103.50 118.00 41.30 49.90 369.00 190.71 179.20 +90.50
	New A/C empty weight - 1467.65 New A/C empty weight C.G. - 106.3 New A/C useful load (normal) - 882.35 (utility) - 732.35			
	<i>David C. Dodds</i> A7A 547 02 7377			

AIRCRAFT LOGS



AIRCRAFT LOG
AND MAINTENANCE RECORD

Record of	Cessna	177	17700572	
	Make	Model	Serial	Certificate
With Engine	Avco Lycoming	0-320-E2D	1-26623-27A	
	Make	Model	Serial	
From	Sept. 26	19 81	to	19
	Hours			
Detailing Time From		1150.8	To	
	Hours			
Owner				
Address				

FORM PI21-13

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
September 8, '81							
9/26/81			All previous aircraft records lost. To the best of my knowledge this aircraft has 1150.8 hours total time on airframe and engine as read on the recording tachometer David E. Rocks APP 547027377				
9/26/81	TACH -	1150.8	Airframe inspection. Checked wheels, tires brakes, electrical systems, EIT, flight controls, cables, pulleys. Performed a general visual inspection of airframe. Replaced the following parts as listed - Fuel Lines AC 1001-21-22 and 23, both brake disc-chained 164-269, left brake having P/N 61-19, with new brake flex hose, left tire Armyear Special II 60x16 4 ply, eight micron aft end and 5/8/19-4, left stabilator tip control wheel bearings S1090-3, winged indicator MacLeod s/n T0971-11. Ripped oilseal system as per manuf. specs. Slewed nose strut with fluid 5606 and air. Packed all wheel bearings. Lubed all moving components. All AD's issued on this A/C (as listed in rear of airframe logbook) checked and complied with as required - AD 70-24-4 Fuel shut-off valve checked and adjusted cable as per AD instruction, (Every 100 hrs). NEXT PAGE -				

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

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

Date	Bearing error	Place	Signature	DATE
VOR I	VOR 2			19 ____
AD 7-24-4 Alex Lane ingel King flap rock screw - Clw AD 7-8-23 Electrical system size lighter circuit AD 7- fuel caps P/N C156001-7 P/N C589511-0118. Current date from factory and re- equipment installed since ^{the} battery - int. - Empty fuel				
Empty A/C weight				E.W.C.G.
1453.3				106.70
Make up new aircraft data sheet. Test satisfactory				

MAINTENANCE RELEASE

THE 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 WORK ORDER NO. 1128-1 DATE 9-3-81

SIGNED K. Keller

REMARKS

Enter here general data with reference to "Line" and "Periodic" inspections - Biggie Changes - Alterations - Repairs - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR 'SI' and ALL DATA must bear the endorsement of a certificated mechanic, and this rating and certificate number must be shown.

DATE

VOR Receiver operation checked in accordance with FAR 91.25

Bearing error

Signature

Plate

VOR 1 VOR 2

19

AD 71-244-4 4th line input C/W by replacing all fuel flow lines in eng. comp. 9-3-81

AD 71-244-4 4th line input C/W by cleaning and lubed with moly lth. grease. 9-3-81

AD 71-244-4 4th line input C/W by cleaning and lubed with moly lth. grease. 9-3-81

AD 71-244-4 4th line input C/W by cleaning and lubed with moly lth. grease. 9-3-81

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AD 71-244-4 4th line input C/W by cleaning and lubed with moly lth. grease. 9-3-81

IMULATED

OTAL

ING TIME

IRS

OTHIS

SIGNATURE OF

PILOT

ords have been

checked this

time on 9-3-81

throttle

David C. Dicks

ATP 547027377

best wheels, tires, brakes,

and all parts are tested -

164-369, left brake housing

ear speed 6.00x6 4 ply, right

wheel bearings 51090-3, wing

manif. space, checked nose

gear; lubed all moving controls

(gearbox) checked and complied with

cable as per AD instruction (every

100 hrs)

--- NEXT PAGE ---

Empty A/C weight

1453.3

E.W.C.G

106.70

Moment

155077.85

DATE

9/26/81

TACH TIME

1150.8

TOTAL TIME

1150.8

SMOCH

David C. Dicks

ATP 547027377

Make up new aircraft weight & balance

data sheet. Next flight found

satisfactory.

MULTIPL
OTAL
NG TIME
RS 10TH5

SIGNATURE OF
PILOT

ords have been
in lodge this
time on airplane
g for home for
David C. Rodde
APP 547027377

check wheels, tires, brakes,
outlets. Performed a general
turning, seats as listed -
164-369, left brake lining
car speed II 6.00x6 4 ply, right
wheel bearings 51090-3, Airspeed
manif. spec. cleaned nose
prop. Labeled all moving controls
(photo) checked and complied with
cable as per AD instruction (10012)
--- NEXT PAGE ---

VOR Receiver operation checked in accordance with FAR 91.25			DATE
Date	Signature	Place	
VOR 1	VOR 2		19
AD 11-24-4 Flex line inspec.			
giving flap indicator - Old			
AD 19-8-13 Electrical system			
cigar lighter circuit AD 19-			
fuel caps P/N C15-0001-04			
P/N 2589511-0113. Current			
data from factory and we			
equipment installed since			
battery test. Empty fuel tanks and put out.			
Empty APC weight	E.W.C.G.		
145 3.3	106.70		
Moment			
155077.85			
Make up new aircraft weight & balance			
data sheet. Test flight found			
satisfactory			

Capital Aviation Instrument Corp.

Repair Station No. 162-10

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

Model AD 30-2018-0013 Ser. No. T 0971-11

Type Aviation (GT) Mfg. M. G. S. S. S.

Customer D. C. P. A. S. S.

Address Fredericks, MD.

☐ Overhauled ☐ Checked ☐ Calib. Checked Within Mfg's Specs.

☐ Repaired ☐ ISO Supplied by Customer

Other new Signed P. Kelleher Date 9-3-81

SERVICEABLE

I certify that this FLYER has been inspected
in accordance with a 100 hr. inspection and
was determined to be in airworthy condition.

DATE 9/26/81

TACH TIME 1150.8

TOTAL TIME 1150.8

SMON

David C. Rodde APP # 547-027377

MULTIPLI- CATED SIGNATURE OF PILOT	
RS	IOHS
<i>[Signature]</i> <i>repaired</i> <i>determined</i> <i>7/1 1A # 225904267</i> <i>7/1 1A # 225904267</i> <i>Perform a general visual</i> <i>70-34-4, AD71-24-4, 72-3-3</i> <i>right main tire with</i> <i>right outboard brake lining</i> <i>ing controls. Replaced battery</i> <i>this airplane has been</i> <i>inspection and was</i> <i>4/1 1A # 225904267</i> <i>4/1 1A # 225904267</i> <i>ADDA - 15F</i>	

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Bearing error	Place	Signature	
VOR 1	VOR 2			
				TACH TIME 25/07 11 12510 DATE 11/24/82
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
				IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
				WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<i>7/1 1A # 225904267</i>
				TERRY L. BULL A & P 305547795 1A

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.

$$\begin{pmatrix} \text{A} & \text{F} & \text{T} \end{pmatrix}$$
[illegible]

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME HOURS 10THS	SIGNATURE OF PILOT
8/30/83	Tach 12590		Removed the following equipment -			
	ARC RT-540A Nav/Comm		Removed ABF-29 Receiver, sense loop antenna and cable.			
			Installed the following -			
	Two ARC RT-338T Nav/Comm		with indicators, One ARC R-546E ADF receiver and indicator with sense loop L-346A and cable.			
	One ARC RT-359A Transponder		One ARC Audio Panel			
	One ARC marker Beacon receiver		One ARC R-443B Audio Panel			
	receiver		Performed the following -			
	altitude gyro for overhaul and re-install		(see tag) Removed altimeter for recertification, (see tag) and reinstalled. Performed static check. Installed airborne indicator pit #344. Replaced fuel tanks & wiring - units PN# 1792600-1 & -2. During compgs. as per spec. (see 337 from this date for the above changes).			
	Revised weight & balance records as required					
	Two empty weight		1467.65			
	New C.G.		106.30			

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

Capital Aviation Instrument Corp.

Bx. 542, Manassas Municipal Airport, Manassas, VA

Model 300-3CF

Type H. Harrison

Customer ACPA

Address Frederick

Overhauled ☒ Checked ☐ Calib. ☐

Repair ☐ TSO Supplied by Customer ☐

Other ☐

Signed

R. K. ...

SERVICEABLE

BASIC AVIONICS CORP.

FREDERICK MUNICIPAL AIRPORT

FREDERICK, MARYLAND 21701

FMA CERT. REPAIR STATION 121-14

UNMULATED TOTAL IN TIME	JRS	IO THS	SIGNATURE OF PILOT
			equipment —
			W-29 Receiver, sense
			—
			Warning
			AD indicators, One ARC
			near box, 1-346A and
			One ARC Audio Panel
			ARC R-443B Dike logo
			Warning, — Removed
			(see tag) Removed
			and reinstalled. Reformed
			2 Pit # 344. Reformed
			4-2. Using compass
			for the above changes,
			equipment
			David C. Bonds
			AA54547027377
			ADIA-AA5454

SERVICEABLE PARTS TAG

SERVICEABLE

Capital Aviation Instrument Corp. Repair Station No. 152-10
Bx. 542, Manassas Municipal Airport, Manassas, Va. 22110, (703) 399-0500

Model 300-3CF Ser. No. 2480
Type Hawker Mfg. A-1M
Customer AFPA Air Safety Fed.
Address Frederick, MD
☒ Overhauled ☐ Checked ☐ Calib. Checked Within Mfg's Specs.
☐ Repair ☐ TSO Supplied by Customer
Other RECESSAL Date 4-8-83
Signed _____

EVENT ALTIMETER MFG UNITED
5934P-1 SERIAL NO. J C 4
IS TESTED TO 20,000 FT
DURE 11/11/41 DATE 18 Dec 41
 ICK AVIATION, INC.
 PAL AIRPORT
 ICK, MD 21701
 A. CERT. REPAIR STATION NO. 121-33

MAINTENANCE RECORD

Identify the static systems as required by FAR Part 91.417, for the year 1988.

Signature of Inspector. *David E. L...*

Date of Test. *8.20.88*

BASIC AVIONICS CORP.
FREDERICK MUNICIPAL AIRPORT
FREDERICK, MARYLAND 21701
FAA CERT. REPAIR STATION 191-14

8-21-83 Performed FAR 91.172 transponder
check this date. Garland

Date of Test. 8-22-17

[illegible]

* VOR Receiver operation checked in accordance with FAR 91.25				DATE		REMARKS
Date	Bearing error	Place	Signature			
8/4	VOR 1	VOR 2		19		
12/22/84	Tach	1299.0				Highway in reactor, placed within trap, broke, structure systems, EIT, flight controls, cables, and cables. Replaced flow system on see specs. Replaced all control bearings. Assembled brackets and nose strut with 5606 fluid. Insured all moving controls. A warranty that this airplane has been inspected in accordance with a standard inspection and was determined to be in airworthy condition. — David C. Drake ATP 547027377FA
1/18/85	Tach	1335.0				Replaced all bearings, gears, and seals in nose strut assembly & serviced with 5606 fluid and nitrogen as per manufacturer specs. David C. Drake ATP 547027377FA

AIRCRAFT LOG

REMARKS

Enter Next Serial with reference to "Line" and "Periodic" inspections — Rupture Chamber — Alterations — Service Letters —
 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000 1010 1020 1030 1040 1050 1060 1070 1080 1090 1100 1110 1120 1130 1140 1150 1160 1170 1180 1190 1200 1210 1220 1230 1240 1250 1260 1270 1280 1290 1300 1310 1320 1330 1340 1350 1360 1370 1380 1390 1400 1410 1420 1430 1440 1450 1460 1470 1480 1490 1500 1510 1520 1530 1540 1550 1560 1570 1580 1590 1600 1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790 1800 1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390 2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710 2720 2730 2740 2750 2760 2770 2780 2790 2800 2810 2820 2830 2840 2850 2860 2870 2880 2890 2900 2910 2920 2930 2940 2950 2960 2970 2980 2990 3000 3010 3020 3030 3040 3050 3060 3070 3080 3090 3100 3110 3120 3130 3140 3150 3160 3170 3180 3190 3200 3210 3220 3230 3240 3250 3260 3270 3280 3290 3300 3310 3320 3330 3340 3350 3360 3370 3380 3390 3400 3410 3420 3430 3440 3450 3460 3470 3480 3490 3500 3510 3520 3530 3540 3550 3560 3570 3580 3590 3600 3610 3620 3630 3640 3650 3660 3670 3680 3690 3700 3710 3720 3730 3740 3750 3760 3770 3780 3790 3800 3810 3820 3830 3840 3850 3860 3870 3880 3890 3900 3910 3920 3930 3940 3950 3960 3970 3980 3990 4000 4010 4020 4030 4040 4050 4060 4070 4080 4090 4100 4110 4120 4130 4140 4150 4160 4170 4180 4190 4200 4210 4220 4230 4240 4250 4260 4270 4280 4290 4300 4310 4320 4330 4340 4350 4360 4370 4380 4390 4400 4410 4420 4430 4440 4450 4460 4470 4480 4490 4500 4510 4520 4530 4540 4550 4560 4570 4580 4590 4600 4610 4620 4630 4640 4650 4660 4670 4680 4690 4700 4710 4720 4730 4740 4750 4760 4770 4780 4790 4800 4810 4820 4830 4840 4850 4860 4870 4880 4890 4900 4910 4920 4930 4940 4950 4960 4970 4980 4990 5000 5010 5020 5030 5040 5050 5060 5070 5080 5090 5100 5110 5120 5130 5140 5150 5160 5170 5180 5190 5200 5210 5220 5230 5240 5250 5260 5270 5280 5290 5300 5310 5320 5330 5340 5350 5360 5370 5380 5390 5400 5410 5420 5430 5440 5450 5460 5470 5480 5490 5500 5510 5520 5530 5540 5550 5560 5570 5580 5590 5600 5610 5620 5630 5640 5650 5660 5670 5680 5690 5700 5710 5720 5730 5740 5750 5760 5770 5780 5790 5800 5810 5820 5830 5840 5850 5860 5870 5880 5890 5900 5910 5920 5930 5940 5950 5960 5970 5980 5990 6000 6010 6020 6030 6040 6050 6060 6070 6080 6090 6100 6110 6120 6130 6140 6150 6160 6170 6180 6190 6200 6210 6220 6230 6240 6250 6260 6270 6280 6290 6300 6310 6320 6330 6340 6350 6360 6370 6380 6390 6400 6410 6420 6430 6440 6450 6460 6470 6480 6490 6500 6510 6520 6530 6540 6550 6560 6570 6580 6590 6600 6610 6620 6630 6640 6650 6660 6670 6680 6690 6700 6710 6720 6730 6740 6750 6760 6770 6780 6790 6800 6810 6820 6830 6840 6850 6860 6870 6880 6890 6900 6910 6920 6930 6940 6950 6960 6970 6980 6990 7000 7010 7020 7030 7040 7050 7060 7070 7080 7090 7100 7110 7120 7130 7140 7150 7160 7170 7180 7190 7200 7210 7220 7230 7240 7250 7260 7270 7280 7290 7300 7310 7320 7330 7340 7350 7360 7370 7380 7390 7400 7410 7420 7430 7440 7450 7460 7470 7480 7490 7500 7510 7520 7530 7540 7550 7560 7570 7580 7590 7600 7610 7620 7630 7640 7650 7660 7670 7680 7690 7700 7710 7720 7730 7740 7750 7760 7770 7780 7790 7800 7810 7820 7830 7840 7850 7860 7870 7880 7890 7900 7910 7920 7930 7940 7950 7960 7970 7980 7990 8000 8010 8020 8030 8040 8050 8060 8070 8080 8090 8100 8110 8120 8130 8140 8150 8160 8170 8180 8190 8200 8210 8220 8230 8240 8250 8260 8270 8280 8290 8300 8310 8320 8330 8340 8350 836

[illegible]

A variety stated that evidence had been collected in accordance with a written instruction and was determined to be in accordance with conditions. — David C. Dodge
APR 5470273774A

Replaced all O-rings, gaskets and seals in tool
stop assembly. - serviced with 5005 fluid and
nitrogen as per manufacturer specs.
David C. Boaz
APP 547027377A.

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME			SIGNATURE OF PILOT
					HOURS	10THS		
1/8/54	Tach	1273.6	Airframe inspection -		Checked	2	hulls, bearings,	
			truss, drag wires, electrical systems,		ELT,	1	slight contacts,	
			cables, and pulleys. Replaced left		master		stroke cylinder	
			lock-b-b seal pin 300AC-6, ELT		batteries BP	1020	- expires 4/35	
			Performed a general visual inspection of airframe. Labeled all moving					
			controls. I certify that this airframe					
			is in accordance with a 100 hr inspection					
			to be in airworthy condition.					
			TACH TIME/2736 TOTAL TIME 12736 DATE 1/8/54					
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED					
			IN ACCORDANCE WITH A 100 HR INSPECTION AND					
			WAS DETERMINED TO BE IN AIRWORTHY CONDITION.					
			Done & File in					
			TERRY L. DILL A & P 305547795					

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

THE FOLLOWING INFORMATION IS TOTAL ACCUMULATED ELYING TIME TO THE TOP OF NEXT PAGE

[illegible]

AIRCRAFT LOG

[illegible]

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	Site
	VOR 1	VOR 2	

[illegible]

AIRCRAFT LOG

[illegible]

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

[illegible]

ENGINE LOGS

Mfr. <i>Arco Lycoming</i>	Place <i>Williamsport, Pa.</i>	Date <i>9/26/81</i>
Type <i>O-320-E2D</i>	Model	Serial No. <i>L-26623-274</i>
Rated H. P. <i>150</i>	Maximum H. P. <i>150</i>	Weight (Dry)
Rated R. P. M. <i>150</i>	Maximum R. P. M. <i>2700</i>	Oil Pressure
Bore	Stroke	Displacement <i>320</i> Cu. In.
Compression Ratio	Supercharger Ratio <i>—</i>	Gear Ratio <i>—</i>
Propeller <i>Hartzel</i>	Hub Design	Hub Serial No.
Blade Design	Blade Serial	Blade Serial
Maximum Hub H. P.	Maximum Blade H. P.	
Pitch	Diameter <i>76"</i>	Length
Owner's Name	City	State
Address		

[illegible]

[illegible]

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

et, P.A. Date 9/26/81

Serial No. L-26623-27A

Weight (Dry)

il Pressure

placement 220 Cu. In.

Gear Ratio _____

Hub Serial No.

Blade Serial

Length

State

[illegible]

DATE	DURATION	ACCUMULATED		
		TOTAL TIME	HOURS	
19 81				
Sept 26		1150	8	Imp. pic Ch. English with 1st An to be in
11/8/81	Tach	1165	3	Compass and elec retro ground
1/27/82	Tach	1183	0	Barrel 895 Dance
5/28/82	Tach	1198	8	795
				CARRY ACCUM

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME HOURS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
19 8/1					
Sept 26		1150.8	Inspected Engine. 1 cently. that the engine has been inspected for accordance with 1st Annual inspection and was determined to be in satisfactory condition	Doc Smith & A # 2059042	
11/8/81	Tach	1165.3	Compressor checked 1) 79/80 2) 79/80 3) 79/80 4) 79/80. Oil spray checked and cleaned. Installed Bendix magnets and harness retrofit hit 10-357156-40 as per kit instruction. Grand run up satisfactory.	David C. Bodek A4P 547027377	
1/27/82	Tach	1183.0	Drained oil and serviced with 8 qts of Phillips 20/50 x/c	David C. Bodek A4P 547027377	
5/29/82	Tach	1198.8	Drained oil and serviced with 7 qts of Phillips 20/50 x/c	David C. Bodek A4P 547027377	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

SIGNATURE	LICENSE NUMBER
74/80 2 79/80 3 75/80 4 72/80	
received with 873. of	
FM 41E. Checked and changed the	
filter. Checked magnets to eng.	
exhaust, gaskets, alternator	
on cooling sock mounts.	
revised prep. All AD's issued	
related with as revised. Listed	
that this ENGINE has been inspected	
ance with a 100 hr. inspection and	
repaired to be in airworthy condition.	
7/26/81	
TIME 1150.8	
TIME 1150.8	
DATE 7/26/81	
547027377	

OF NEXT PAGE

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
12/28/82	1247.0	1247	0	Drained oil and serviced with 74ts of Phillips 20/50 X/C	David C. Daniels	ADP 547087377
1/24/83	1251.0	1251	0	Engine inspection. Compression checked 170/80 376/80 376/474/80. Cleaned, jipped, and checked all spark plugs. Checked and changed - fuel pump screen, fuel pump filter, air filter oil screen. AD 82-30-1 impulse coupling insp. O/W by inspection as per AD and stamped "F" on left magnets. Alternator replaced with serviceable unit PN C611501-0101 with new brushes installed. Tiled, dressed, and painted prop. Performed a general visual inspection of engine. Xranded run-up satisfactory. I certify that this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition. David C. Daniels	ADP 547087377	ADP 547087377
						ADP 9 - A5F

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

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[illegible]

SIGNATURE	LICENSE NUMBER
David C. Brooks	74A 547027377
170/80 3 74/80 3 74/80 4 74/80 4 checked and air filter oil insp. c/w by "F" on left magnet. No unit PW 661501-0101 iced, dressed, and painted inspection of engine. of center that presented in accordance and was determined tion. David C. Brooks 74A 547027377 AOA - A5F	

DATE	DURATION	ACCUMULATED		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		TOTAL TIME	HOURS			
11/8/84	7:45	1273.6		Engine inspection. Compression checked 178/80 3) 76/80 3) 74/80 4) 75/80. Drained oil, checked oil screen, installed oil filter, installed new longer oil cooler filter. Replaced filter, serviced with 8 qts of Phillips 20/50 x/c. Checked and rotated all spark plugs. Checked fuel screen and air filter. Replaced #3 rocker cover gasket. Retimed left magnets to spec. Performed a general visual inspection of engine. Ground run-up and test flight satisfactory - no leaks. A certify that this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition. David C. Dadds.		
						APP 547027377
						ADPA - A5F

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CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

CARRY ACCU

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
3/22/84	7:45	12.97	0	Compression checked 1) 2) 3) checked and replaced oil filter CH48110, serviced with 875 of Phillips 20/50 4/c. Cleaned and spaced all spark plugs. Checked magnets to engine timing. Checked and cleaned fuel screen and air filter. Ground run up and test flight satisfactory. Wrote & dressed prop. A cert that this engine has been inspected in accordance with a Manual inspection and was determined to be in airworthy condition. David C. Dodd AP 547027377IA		
5/28/88	7:45	133.50	0	brank oil checked and replaced oil filter CH48110, serviced with Phillips 20/50 4/c II. David C. Dodd AP 547027377IA		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

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CARRY ACCU

SERVICEABLE

ITEM DESCRIPTION		MFG.
Carburetor		M/S
MODEL OR TYPE	PART NO.	SERIAL NO.
MA4SPA	10-5135	CK-4-8086
TYPE REPAIR ACCOMPLISHED		DATE
MAJOR OVERHAUL		12/4/85

PRECISION AIR INC.

F.A.A. AIR AGENCY NO. 2029

BENDIX FUEL METERING CONTROLS
FACET (MARVEL-SCHIEBER) CARBURETORS
CENTRAL DISTRIBUTOR
SALES & SERVICE

3610 N. W. 41 ST.

MIAMI, FLA. 33142

(305) 635-5293

Complies with Facet
S/B #A1-84A "MF"

WORK ORDER NO.

49526

INSPECTION, OR TEST IS REQUIRED
IF IN STORAGE AFTER:

CUSTOMER:

CUSTOMER ORDER NO.

WALL COLMONOY CORPORATION
4700 S.E. 59th ST. — OKLAHOMA CITY, OKLA.

SERVICEABLE PART TAG

P.O. NO.

SER. NO. 100-0-7-94

MODEL

PART NO. 1754001-9R

PART NAME

Amulley

REMARKS

100-0-7-94

DATE

JAN 16 1987

INSPECTOR

31