

#1

MC

Cessna®



**AIRCRAFT LOG
AND MAINTENANCE RECORD**

N 1866D SERIAL NO. 177RG0266

N1866D

#1

Cessna®

AIRCRAFT LOG AND MAINTENANCE RECORD

Record of

Cessna
Make

177RG
Model

177RG0266
Serial

N1866D
Certificate

With Engine

Lycorning
Make

IO-360-A1B6
Model

L-9332-51A
Serial

From

19 to

RL-7718-51A
19

Detailing Time From

Hours

To

Hours

Owner

Address

MEMORANDA OF IMPORTANT INFORMATION AND DETAILS

MEMORANDA OF IMPORTANT INFORMATION

Enter of this page any important facts of which you need a permanent record. These should include Make, Design Number, and Serial Number of such major accessories and parts as: Propeller, Wheels, Radio, Instruments, Starter, Carburetor, Generator, and all other important equipment. Enter here also memoranda regarding the weights of any such special equipment; together with any other data which might be valuable at a later date.

ment. Enter date
a later date.

Since the foll
be made to in

"FAR 91.173 Aircraft
record in a form and
time in service on the
of this sub chapter. S

"(a) Presented for

"(b) Transferred

"(c) Make available

All required data must

1. A record of all Li
2. A record of all ac
3. A record of r
4. When repairs or a
5. A record of all rep
6. Chronological listi

erial Numbers
portant equip-
be valuable at

EXCERPT FROM THE FEDERAL AVIATION REGULATIONS

NOTE

Since the following excerpt is subject to change, a periodic check of the latest FAR, Part 91 should be made to insure that adequate maintenance records are being kept.

"FAR 91.173 Aircraft and Engine Maintenance Records. The registered owner or operator shall maintain a maintenance record in a form and manner prescribed by the administrator which shall include a current and accurate record of the total time in service on the aircraft and on each engine, a record of inspections, and a record of maintenance required by Part 18 of this sub chapter. Such records shall be:

- "(a) Presented for required entries each time inspection or maintenance is accomplished on the aircraft or engine,
- "(b) Transferred to the new registered owner or operator upon disposition of the aircraft or engine involved, and
- "(c) Make available for inspection by authorized representatives of the administrator or board."

INSTRUCTIONS FOR THE USE OF THIS LOG BOOK

All required data must be entered in the proper columns regularly. The column headed REMARKS is particularly important, for in that column must be entered the following information:

1. A record of all Line and Periodic inspections and results.
2. A record of all accidents in which the aircraft is involved, whether major or minor. All entries covering alterations or repairs to aircraft or propeller shall be endorsed by the certificated mechanic responsible for same, including his rating and certificate number.
3. A record of rigging changes; all repairs and alterations to aircraft or propeller; changes in engines or propellers; and a record of operation of both — installed, and also prior to installation.
4. When repairs or alterations to aircraft or propeller necessitate submission of FAA Form ACA 337 (Repairs and Alterations) the original of this form shall be incorporated in the back of this book, and become a part thereof; and each such incorporated form shall be noted in the REMARKS column.
5. A record of all repairs to instruments used on certificated airline aircraft.
6. Chronological listing of compliance with service bulletins, airworthiness directives, etc., including a description of the method of compliance.

MAKE ALL ENTRIES WITH PEN AND INK—MAKE NO ERASURES.

DATE		AIRCRAFT LOG					SIGNATURE OF PILOT	
19	72	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		
						HOURS		10THS
6-26		ICT	Local	ICT	15	15		William E. M.
7-14		ICT	LCL	FERRY	7	22		E. Ruback
7-17		ICT-TUL-ICT		X-C	20	42		E. Ruback
7-19		ICT	TUL	X-C	10	52		
7-21		TUL	SHV	X-C	24	76		R Knudsen
7-22		SHV-MLU-RAY		X-C	16	92		R Knudsen
7-24		RAY-LUL-HEB-VKS-RAY		X-C	26	118		R Knudsen
7-25		RAY-MLU-LAN-RAY		X-C	6	124		R Knudsen
7-26		RAY-VKS-RAY		X-C	5	129		R Knudsen
7-27		RAY-LAN-BRK-RAY		X-C	12	141		R Knudsen
7-28		RAY-LAN-RAY		X-C	5	146		R Knudsen
7-29		RAY	Home	X-C	28	174		R Knudsen
7-31		Ham-SHV-MLU		X-C	25	199		R Knudsen
8-1		MLU-LAN-MSF		X-C	24	223		R Knudsen
8-2		NEW	X-C	Thru	26	249		W. Wiley
8-9		MSF-BRK-RAY		CL	12	261		R Knudsen

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

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

VOR Receiver operation
in accordance with FAR

Date	Bearing error		Place
	VOR 1	VOR 2	

[illegible]

REMARKS

[illegible]

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.

I have inspected this aircraft and found it complies with the requirements of FAR 21.183. All mandatory changes have been complied with. The static pressure system and sensitive altimeter instrument 81028 have been tested and inspected 5-18-72 and found to comply with FAR 91.170 to an altitude of 20 thousand feet. Standard Certificate of Airworthiness dated 7-6-72 was issued by me.

P. Mills Executive Engineer
Cessna Aircraft Co., Commercial Div.
Delegation Option Manufacturer, C-41
By *W. L. Wadley*
W. L. Wadley

IMPORTANT NOTICE

Dear Owner:

Federal Aviation Regulation Part 91.170 requires that the static pressure system(s) and sensitive altimeter instrument(s) be inspected every two (2) years in accordance with Part 43, Appendix E, if the aircraft is to be operated in controlled airspace under IFR.

The entry in your aircraft log lists the date on which this test was performed on your static system(s) and altimeter(s). Because these tests are accomplished during instrument and aircraft assembly, this date may be a maximum of twelve (12) months prior to the date on your Airworthiness Certificate.

Because of this difference, Cessna recommends that you retest and inspect the static system(s) and altimeter(s) at your first Annual Inspection.

In following this recommendation, a schedule will be established whereby subsequent test and inspection periods will coincide with an Annual Inspection to minimize aircraft down time.

Customer Services Department
Cessna Aircraft Company

[illegible]

AIRCRAFT LOG

[illegible]

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE PILOT
					HOURS	IOths	
19 77							
8-10	RAY-Mack	RAY	demo	1 7	29	3	R. Kennerly
8-11	RAY-Mack-Lint	Wt-SHU-RAE	Trans & demo	5 4	34	7	R. Kennerly
8-14	RAY-VKS	RAY	Trans & demo	9	35	6	R. Kennerly
8-15	RAY-LAN	LAN	Trans	5	36	1	RK
8-16	RAY-LAN	LAN	Trans	1 5	37	6	RK
8-17	RAY-LAN	LAN	Trans	1 3	38	9	RK
8-20	LAN	Han	Trans & demo	2 9	41	8	RK
8-20	NOV	ICT	X-C	3 9	45	7	RK
8-26	Update log				51	0	E. Rubick
8-26	ICT-CHICKASHA	ICT	X-C	2 6	53	6	E. Rubick
8-27	ICT-HUT	ICT	X-C	6	54	2	E. Rubick
8-31	Update log				58	5	E. Rubick
8-31	NORMAN-ENID	ICT		1 3	59	8	E. Rubick
9-1	ICT	LCL		4	60	2	E. Rubick
9-6	ICT-HUT	ICT	X-C	1 4	61	6	E. Rubick
9-7	Update log				61	5	E. Rubick
9-7	ICT-LIB	CHICKASHA	ICT X-C	4 7	66	0	E. Rubick

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

VOR Receiver operation check in accordance with FAR 91.25

Date	Bearing error	Place
	VOR 1	VOR 2

back
back
back
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back
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back

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error		Place		
	VOR 1	VOR 2			
					YINGLING AIRCRAFT, INC. WICHITA, KANS. FAA APPROVED REPAIR STATION #3923 CHANGED OIL, KIND <u>Texaco</u> WT. <u>50</u> CLEANED SCREENS & WASHED ENGINE CHECK BATTERY & TIRE PRESSURE <u>John E. Drummond</u> W.O. <u>11410</u> TACK <u>66.0</u> DATE <u>9-8-72</u>
					9/19/72 Tack 89.2 Remove Manifold Pressure gage #35950 and install new Manifold Pressure gage #38972 Cessna Aircraft Co. Edward D. Ruback A & P 1559350

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
1972							
22 SEPT	ICT	LCL		13	96	6	[Signature]
23 SEPT	ICT	LRT	FERRY X-C	44	101	0	[Signature]
2 OCT	LFT	LCL	TEST	5	101	5	[Signature]
2 OCT	LFT - LCH - LFT		X-C	15	103	0	[Signature]
3 OCT	LFT - RUS - MLU - LFT		X-C	27	105	7	[Signature]
4 OCT	LFT - BKN - BTR - LFT		X-C	21	107	8	[Signature]
5 OCT	LFT	JAN	X-C	14	109	2	[Signature]
6 OCT	JAN - MER - LFT		X-C	25	111	7	[Signature]
7 OCT	LFT	LCL		10	112	7	[Signature]
9 OCT	LFT - TID - MYS		X-C	15	114	2	[Signature]
9 OCT	MYS - GAT - LFT		X-C	17	115	9	[Signature]
10 OCT	LFT - MYS - HAT - GAT - LFT		X-C	47	120	6	[Signature]
12 OCT	LFT - GAT - MYS		X-C	23	122	9	[Signature]
13 OCT	MYS - BTR - LFT		X-C	10	123	9	[Signature]
14 OCT	LFT - SHR - RUS - LRT		X-C	31	127	0	[Signature]
17 OCT	LFT -	VKS	X-C	16	128	6	[Signature]
10/17	VKS	MLU	X-C	5	129	1	[Signature]
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	
4 OCT - 2	NA	LED 4	[Signature]
16 OCT - 1	NA	LED	[Signature]

SIGNATURE OF PILOT

[illegible]

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE PILOT
					HOURS	10THS	
# 72 10/3/72	Servino Letter SE-20	SE-30	Congress with one Pitt take this date.	L.P. Borden	AAP1807973		
10-18	MLO-SHW-RAY	-MET	X-C	3 0	132	4	(Signature)
10-19	MET-JAN-RAY		X-C	6	132	7	(Signature)
10-20	RAY-VICS	-RAY	X-C & demo	1 4	134	1	(Signature)
10-21	RAY-JAN-RAY		demo	5	134	6	(Signature)
10-24	JAN-BTR-LFT		X-C	1 8	136	4	(Signature)
10-24	LFT	NEW	Trans	1 0	137	4	(Signature)
10-25	NEW	X.C	Trans	1 2	138	6	(Signature)
10-27	NEW	X.C	Trans	2 0	140	6	(Signature)
11/9	RDU	CLT	X - C	8	160	1	(Signature)
					160	9	(Signature)

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

TURE OF
OT

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		
		12-15-72	Jack Rodery	189:	100 % Inspection: Removed wheels cleaned & packed bearings. Installed new tire, 15X600X6 6ply Tire on Right Main. Inspected electrical system. Lubricated & inspected all control linkage pins, pulleys & bellcranks. Low retraction Test. Checked AD's thru 72-25. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 110 INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE 12-15-72 TIME IN SERVICE 189: ELMER ROGERS 325402 ASE <i>Elmer Rogers</i>
		12-13-72			INSTALLED BETA 5000 XPDR. ADDED RT-SORA & indicator wiring not connected. Equipment list & weight & balance added to record this minor addition. <i>12/14/72</i>

AIRCRAFT LOG

[illegible][illegible]

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 ____	REMARKS
Date	Bearing error		Signature		
	VOR 1	VOR 2			
					100 hr. inspection: Removed wheels, cleaned & packed bearings. Installed new tire Left Main, Lubricated all Control hinge pins & pulleys. Inspected electrical & lighting system. Saw retraction test. Checked AD's thru 73-3.
					I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE 3-21-73 TIME IN SERVICE 2921 ELMER ROGERS 326402 ASE John Pagan



SERVICEABLE

MFGR. NAME Cessna
COMPONENT NAME RT
MODEL T-528A
SERIAL 2217

The aircraft component identified above was repaired and inspected in accordance with current Federal 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. 2201

Date 20 March 1973

Signed [Signature]

(signature of authorized individual)

W. H. WEST AVIONICS

FIA STATION # 4764

8 JILLY MITCHELL DR.

ELLESPIE FIELD

SANTEE, CALIF. 92071

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

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S TIME
IO THS

SIGNATURE OF
PILOT

VOR Receiver
in accordance
Date Bearing error
VOR 1 VOR 2

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 ____	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
					All routine maintenance completed as per N.C. 8400 Q/H manifold pressure gauge. Replaced cracked prop spinner. Replaced nose gear up lock & aft nose gear doors. I certify that this Aircraft has been inspected Engine In accordance with a 100 hr inspection and was determined to be in Air- worthy condition. <i>Thomas J. Helburn</i> F.A.A. APPROVED REPAIR STATION #4752 El Cajon Flying Service GILLESPIE FIELD, SANTEE, CALIF. (714) 448-8000 Date <u>3/21/73</u> A/C Total Time <u>3950</u> Tack Reading <u>3950</u>



AIRCRAFT LOG

[illegible][illegible]

ACCUMULATED
TOTAL
FLYING TIME

HOURS 10THS

489

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

100 Hrs. Inspection
Removed wheels, cleaned & packed Bearings.
Lubricated all control link pins, pulleys &
bellcranks. Inspected electrical & lighting system.
Ran retraction test. Checked AD's thru
73-3.

I CERTIFY THAT THIS AIRCRAFT HAS
BEEN INSPECTED IN ACCORDANCE WITH A
100 Hrs. INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.
DATE 5-23-73 TIME IN SERVICE 489

SLASH 100 HRS. 102602 ARE

Frank Rogers

AIRCRAFT LOG

[illegible][illegible]

SIGNATURE OF
PILOT

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		
				I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> _____ INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. ROGERS AIRCRAFT SERVICE, INC. CERTIFIED REPAIR STATION NO. 711-2 GRANNIS FIELD, FAYETTEVILLE, N. C. DATE <u>5-23-73</u> TOTAL TIME <u>489.</u> SIGNATURE <u>[Signature]</u> <u>See serial details on file, Wo # 130 at this station.</u>	

AIRCRAFT LOG

[illegible][illegible]

AIRCRAFT LOG

[illegible][illegible]

SIGNATURE OF PILOT

[illegible]

AIRCRAFT LOG

[illegible]

AIRCRAFT LOG

John F. Bulledge A#P 1920853

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 73 5-23	19 74 5-30		Relined brakes - Repaired mixture control. Checked landing gear and all lubrication points serviced.				
I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in <u>air worthy</u> condition. Date <u>5/30/74</u> Time in service, <u>880.1</u> <u>John F. Gudge</u> A2P 1920853							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

[illegible]

SIGNATURE OF
PILOT

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19 ____	
					I certify that this <u>Aircraft</u> has been inspected in accordance
					with a <u>100 hr</u> inspection and was determined to be in an
					air worthy condition.
					Date <u>7/16/74</u> Time in service. <u>972.6</u>
					<u>John F Gullledge D & P 1470853</u>

DATE
19 73
5-2

19 24
8/2

8/20/

[Signature] Supt.
CHIEF INSPECTOR

TECHNICIAN

Conforms to:

Print 200057

Finish *22.11.17*

Approved by _____

CHIEF INSPECTOR

Test & Inspection

Report

Customer

Instrumen

Serial No. 47257

Part # 5932

Calibration within

Manufacturer's Tolerance

1

Conforms to: **7A R94.170**

Print 200057

Finish Write with the best

Approved by _____

SERVICE SUPPLY

CHIEF INSPECTOR

**SERVICED BY
AIRCRAFT INSTRUMENTS
& AVIONICS, INC.**
Division of Coastal

& AVIONICS, INC.

P. O. Box 5127, Phone 883 207

CORPUS CHRISTI, TEXAS

Test & Inspection

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

9/23/74 I certify the static system test
required by FAR 191.70 has been
performed. Date of altimeter 8/5/74
JL JL

John F. Gullidge A#P1920853

SIGNATURE OF PILOT

VOR Receiver operation checks
in accordance with FAR 91.25

Date	Bearing error		Place
	VOR 1	VOR 2	

VOR 1	VOR 2
-------	-------

SIGNATURE OF
PILOT

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature	19 <u>74</u>	
				<u>9/23</u>	<u>C/W AD 74-16-06 in accordance with</u> <u>Cessna S.L. 74-2. AD 74-18-15 to be C/W</u> <u>within 90 days after Sept. 3, 1974.</u> <u>Relined and serviced brakes. Replaced</u> <u>altimeter.</u>
					I certify that this <u>Aircraft</u> has been inspected in accordance
					with a <u>100 hr</u> inspection and was determined to be in an
					air worthy condition.
					Date <u>9/23/74</u> Time in service, <u>1072.2</u>
					<u>John F. Lillie</u> A+P 1920853

AIRCRAFT LOG

[illegible]

MEMORANDA

Date

10/3/72

SERVICE LETTER

SE ~~72~~⁷²-30

PITOT TUBE C/W THIS DATE. W.B. Smith
APR 1972

ate

AD
AD's
AD
AD

THIS DATE. W.P. Borison
A2P180792

Cessna

MEMORANDA

ate

AD 76-14-08 Trum tab N/A by S/N 177RG 0266.

AD's checked thru 76-14-08 Wm Johnson 7/23/76

AD 76-147-12 Bendix Switch C/w Para A checked OK 7/23/76.

AD 76-9-21 Lye oil cooler. N/A By SN 177RG 0266.
RL 7718-51A

DA

MEMORANDA

19

7

5-2

Date	
72-21-4	N/A
73-15-4	N/A
73-23-01	N/A by S/N
75-68-09	N/A w
75-69-15	P/c/w on 4/14/75 Bendix SB RS 43

68-8-1	McCauley
70-4-1	P/c/w at JOH
70-4-2	N/A
75-24-12	Superseded by 75-24-12
	N/A by P/N.

Registration Number N 1866Q

AIRWORTHINESS DIRECTIVE COMPLIANCE

Engine: Make: Lycoming

Make and Model

Cessna 177 R6

Propellers: Make: McCaughey

Model: IO-360-A1B6
Hub: B2D342-207
Blade: 78TCA-0

Serial: L 933251A

Serial Number 177R6 0266 **AL NUM**

Hub: 721109
Blade: 97845-YS, C97918-YS

66Q

175 Bendix

OH

75-24

71-1-3

71-2V-4

72-3-3

74-08-01

73-23-1

73-10-2

74-16-06

74-24-13

74-18-15

74-26-09

75-07-02

75-08-09

75-09-15

73-7-4

SUBJECT

DATE OF COMPLIANCE

METHOD OF COMPLIANCE

REPETITIVE COMPLIANCE

TIME AT COMPLIANCE

COMPLIED BY

DUE AT TOTAL TIME

68-7-9

Longitudinal control system

N/A by

Serial number

68-12-4

Stall warning system

N/A

68-18-2

Oil pressure line

N/A

70-1-2

Fuel quantity transmitter float

N/A

70-24-4

Fuel shut off valve cracks in stabilizer

N/A

71-1-3

Attachment angles

N/A

Flexible hoses in engine compartment

N/A

72-3-3

Wing flap jack screw

N/A

74-08-01

Autopilot servo

Not equipped.

73-23-1

Lycoming

N/A by serial number

73-10-2

Bendix

N/A

74-16-06

Oil pressure gage line

9/23/74 S.E. 74-2 Installed clamps IAW Cessna SE 74-2

74-24-13

United Instruments

N/A by serial- Serial # of alt in a.c. 47256

74-18-15

Leigh

1/2/75 Installed suppressor

74-26-09

Bendix

1/2/75 Installed steel bushing in left mag.

75-07-02

Air filter seal

N/A by date on filter.

75-08-09

Lycoming

Oil pump

N/A by serial

75-09-15

lyc

4/14/75 Fuel Flow divider - Bendix SB RS43

John F. Sullivan
AIP 1970853

John F. Sullivan
AIP 1970853

Cessna AIRCRAFT COMPANY
Commercial Division
Wichita, Kansas 67201

EQUIPMENT SERIAL NUM

AIRCRAFT MODEL RG SERIAL 0266 REGISTRATION 1866Q
ENGINE F L-8062 R PROPELLER F 721109 R

INSTRUMENT

TURN COORDINATOR

ROLL & BANK

ON GYRO

ONAL GYRO

GYRO

DATE

IND.

6209

6131

6231

81028

36385

AVIONICS

NO. 1

NAV/COM TRANCVR.

NAV. INDICATOR

COMM. TRANCVR.

NAV. RECEIVER

ACCESSORY UNIT

H. F. ANTENNA LOAD BOX

ADF RECEIVER

ADF LOOP ANTENNA

ADF IND.

PITCH TRIM SENSOR
HEADING SELECTOR
FLUX DETECTOR

ENGINE R/T UNIT
G.A.R. R/T UNIT
G.A.R. ALTITUDE IND.

BATTERY

FO 113-REV. 11/71

410-7315

SIGNED *Ed Brown*

SERVICEABLE

FAA Approved Repair Station No. C13-25

AIRTRONICS, INC.

CLINTONVILLE MUNICIPAL AIRPORT
CLINTONVILLE, WIS.

COMPONENT ADF-31 APF

MANUFACTURER'S NAME NARCO

Part No. _____
Wo. No. 3543 P.O. No. _____
Serial Number 24124

The component identified above was re-paired and inspected in accordance with current regulations of the Federal Aviation Agency, and is approved for return to service.

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

No. 3543

Date 9-2-78 for _____

Signed *[Signature]*
FAA APPROVED REPAIR STATION
MAINTENANCE RELEASE FORM

D588-13 OWNER COPY

CESSNA CRAFTED ELECTRONICS WARRANTY REGISTRATION CARD

SOLD TO:
 NAME: *Great Plains Zone*
 ADDRESS: *Hwy. 16, Municipal Airport*
 CITY & STATE: *Wichita, Kans.*

DATE SOLD: *4-17-72* NO. **6899**

SYSTEM NAME: *NAV/COMM 300*

SOLD TO:
 NAME:
 ADDRESS:
 CITY & STATE:

NAME	COMPONENT PARTS	
	PART NO.	SERIAL NO.
RTS284		
NAV/COMM	RTS284	2217
INDICATOR	INS14	1093

SOLD IN: MODEL *177RG-0266* SERIAL *N1866Q* REGISTRATION NO.
 SOLD BY: NAME *BEVAN-RABELL INC.*

CITY & STATE: *WICHITA, KAN.*
 SIGNED: *Ed D. Rubek*



NOTE: AUTHORIZED REPRESENTATIVE
 OF SELLING DEALER MUST
 SIGN TO VALIDATE WARRANTY

ZONE: *Edward D. Rubek*
 SIGNATURE X:

D588-13 OWNER COPY

NO. *01522*
 Bay, Wis.

ISOLATION AMP.
TRANSPONDER CONT. HEAD

Cessna's obligation under this warranty is limited to repairing or replacing, at its option, any part or parts which within the applicable six (6) or twelve (12) months period as above set forth shall be returned by the purchaser to Cessna Aircraft Company, Wichita, Kansas, or to any Cessna appointed or designated dealer involved and which upon examination and service parts of the type affected equipment, accessories and such appointment or Cessna District office representative authorized by such appointment or Cessna District office representative shall determine to be defective. A new warranty period is not established for replacements. Replacements are warranted for the remainder of the applicable six (6) or twelve (12) months parts under this warranty will be made by Cessna or the dealer without charge for parts, or labor for removal, installation

[illegible]

(which) term includes all communication systems (this part) and including parents and associated microphones, speakers and other components used in connection with autopilot and navigation systems and associated parts thereof.

USFR

DATE _____

AIRCRAFT DEALER

NAME

ADDRESS

DEALER A.C. MFR. CHECK APPROPRIATE BOXES

☐ RETROFIT OR FIELD
INSTALLED EQUIPMENT

NEW AIRCRAFT

☐ USED DEMONSTRATION AIRCRAFT

I CERTIFY THAT THE
ABOVE SAID EQUIPMENT
WAS INSTALLED IN THE
AIRCRAFT IN ACCORDANCE
WITH APPROVED FAA PROCEDURE

I CERTIFY THAT THIS AIRCRAFT
WAS SOLD AS DEFINED BY THE
FEDERAL MANUFACTURER

NARCO OR
AIRCRAFT
DEALER
SIG.

SEE REVERSE SIDE FOR WARRANTY

NARCO AVIONICS
DIVISION OF NARCO SCIENTIFIC INDUSTRIES
FORT WASHINGTON, PENNA. 19034

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

TRAN	FRE
AIRCI	(MO
	116.
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	137.

N, INC.
N NO. ~~0420~~ 613-22
Bay, Wis.

... of a special "crystal-saver" circuit whereby the resulting frequency is obtained by frequency addition of two separate crystal oscillators. Measurements shown include a measurement of all crystals in the transmitter to ensure that the frequency of the transmitter is within tolerance for all of

This transmitter
Communications

CERTIFICATION

... the frequencies measured as shown provide operation of this transmitter within the tolerances specified by applicable Federal Communications Commission rules and regulations.

6-22-75
AIRCRAFT RADIO CORPORATION

MAINTENANCE RELEASE

TYPE OF UNIT NAV COM RADIO

MANUFACTURER ARE

MODEL RT-508A SERIAL No. 832

The aircraft and or 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. 290

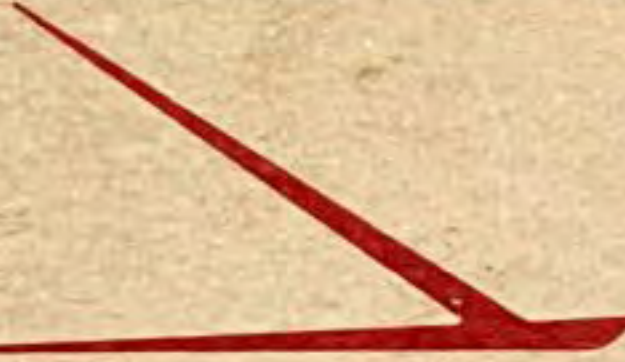
Date 10/1/75

SIGNED

Robert J. Busch

FOR

GREEN BAY AVIATION, INC.
FAA APPROVED REPAIR STATION NO. 015-013-22
Austin Straubel Field - Green Bay, Wis.


Cessna®

AIRCRAFT
AND MAINTENANCE

#2
EDO-AIRE MITCHELL

CENTURY I

KIT NO.

AK378

SERIAL NO.

M9215

13A751

N

1866Q

SERIAL NO.

177RG 0266

N1866Q

#2

Part Transponder Model 9500
The aircraft and/or component identified above was repaired and
inspected in accordance with current F.A.A. Regulations and was
found airworthy for return to service. Details of the repair are on
file at this agency under Work Order No. 4670

Date 1-16-76

Signed Peter K. Smith

for

BASLER FLIGHT SERVICES, Inc. — FAA Repair Station 3775
S. J. Wittman Field, Oshkosh, Wisconsin

SERVICEABLE PART

Record of

With Engi

From

Detailing T

Owner

Address

FORM P121-13

AIRCRAFT LOG AND MAINTENANCE RECORD

Address _____

Enter on this page any important facts of which you need a permanent record. These should include Make, Design Number, and Serial Numbers of such major accessories and parts as: Propeller, Wheels, Radio, Instruments, Starter, Carburetor, Generator, and all other important equipment. Enter here also memoranda regarding the weights of any such special equipment; together with any other data which might be valuable at a later date.

AIRCRAFT LOG
 AND MAINTENANCE RECORD
 No. _____
 Date _____
 Pilot _____
 Co-pilot _____
 Engine _____
 Fuel _____
 Oil _____
 Hours _____
 To _____
 From _____

"(a)
"(b)
"(c)

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EXCERPT FROM THE FEDERAL AVIATION REGULATIONS

NOTE

Since the following excerpt is subject to change, a periodic check of the latest FAR, Part 91 should be made to insure that adequate maintenance records are being kept.

"FAR 91.173 Aircraft and Engine Maintenance Records. The registered owner or operator shall maintain a maintenance record in a form and manner prescribed by the administrator which shall include a current and accurate record of the total time in service on the aircraft and on each engine, a record of inspections, and a record of maintenance required by Part 18 of this sub chapter. Such records shall be:

- "(a) Presented for required entries each time inspection or maintenance is accomplished on the aircraft or engine,
- "(b) Transferred to the new registered owner or operator upon disposition of the aircraft or engine involved, and
- "(c) Make available for inspection by authorized representatives of the administrator or board."

INSTRUCTIONS FOR THE USE OF THIS LOG BOOK

All required data must be entered in the proper columns regularly. The column headed REMARKS is particularly important, for in that column must be entered the following information:

1. A record of all Line and Periodic inspections and results.
2. A record of all accidents in which the aircraft is involved, whether major or minor. All entries covering alterations or repairs to aircraft or propeller shall be endorsed by the certificated mechanic responsible for same, including his rating and certificate number.
3. A record of rigging changes; all repairs and alterations to aircraft or propeller; changes in engines or propellers; and a record of operation of both — installed, and also prior to installation.
4. When repairs or alterations to aircraft or propeller necessitate submission of FAA Form ACA 337 (Repairs and Alterations) the original of this form shall be incorporated in the back of this book, and become a part thereof; and each such incorporated form shall be noted in the REMARKS column.
5. A record of all repairs to instruments used on certificated airline aircraft.
6. Chronological listing of compliance with service bulletins, airworthiness directives, etc., including a description of the method of compliance.

MAKE ALL ENTRIES WITH PEN AND INK—MAKE NO ERASURES.

AIRCRAFT LOG

[illegible]

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature	19 <u>25</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.
8/5					Replaced landing light bulb. Replaced Rotating Beacon bulb Checked controls and cables. Checked and serviced brakes and battery. All Lubrication points serviced
					I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>100hr</u> inspection and was determined to be in an air worthy condition.
					Date <u>8/5/25</u> Time in service. <u>1361.6</u> <u>John F. Bullocky A+P 1920 853</u>

AIRCRAFT LOG

[illegible]

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	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.

Nov 14, 1975 tech time 1398 hrs. Installed new Willard W-35 battery
Wm Johnson ATP 1860342

OWNER'S COPY

N 1866Q

SERVICE GUARANTEE AND ADJUSTMENT POLICY

☐ ORIGINAL EQUIPMENT BATTERY

☐ REPLACEMENT BATTERY

Type of Battery W-35 Mos. Guarantee 12 Date Installed 11/11/75

Owner's Name North S letter

Address

City

State

Make of Car Year Speedometer Reading

Type of Equipment Aircraft Or

(Aircraft, Lawnmower, Outboard, Etc.)

Model 177 RG

Mfr. Willard

Serial # W-35

Date Purchased 11/11/75

Dealer's Name Cooper Aviation

(Dealer who sold equipm't containing orig. equipm't batt. or dealer who sold replacement batt.)

Dealer's Address Elk Grove Village, Illinois

IMPORTANT: This card must accompany claims made under this policy. Failure to present card will result in adjustment based on date of manufacture of battery.

NOT TRANSFERABLE

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT	
					HOURS	10THS		
19 Jan 13, 1976	Tach time	1217 hrs	Installed new circuit breaker for flap system	Wm Johnson	AGP 1860342			
Feb 26, 1976	Tach time	1448 hrs	Completed Annual Inspection in accordance with Cessna Inspection forms. Installed new instrument air filter. Serviced Shimmy dampener. Installed new seal in nose wheel bearing. AD's checked thru 76-03-07 AD listing in back of A/C log book.					
			Total airframe time <u>1448</u> Date <u>2/26/76</u> I certify that this aircraft/engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition <u>Wm Johnson</u> Pertinent details on file under repair order # <u>703</u> GREEN BAY AVIATION CORP. AUSTIN STRAUBEL FIELD GREEN BAY, WISCONSIN F.A.A. Certified Repair Station No. C19-22					

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

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature	19	
					The ATC transponder tests and inspections required by FAR 91.77 were performed this date and found to comply with FAR 43, Appendix F.
					ATC transponder <i>Model 5000</i>
					No. 1 make - model S-N <i>5764</i>
					No. 2 make - model S-N
					Details of this inspection are on file at this repair station under w-o No. <i>4670</i>
					Date <i>2/26/76</i> Signature <i>William Bonker</i>
					Certificate No. <i>1963836</i>
					Basler Flight Service, Inc. CRS No. <i>3775</i>
					S. J. Wittman Field
					Oshkosh, WI <i>54901</i>
					<i>3/2/76</i> <i>Tachtime 1451 hrs.</i> Installed new panel light restate and 2 new quick drains in wings for fuel drains <i>Wm Johnson ATP 1860342</i>

ance
used

AIRCRAFT LOG

AIRCRAFT LOG							
DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 May 20, 1976	S/N RL-9332-5/A		tach time 1497 hours. Remove Lycoming engine from aircraft.				IO-360 AIB6 Wm Johnson
ADP 1860342							
May 24, 1976	A/c tach time zero		Lycorning Manufactured Engine installed remanufactured				IO-360 -AIB6
S/N RL-7718-5/A			O in Aircraft Performed test flight after installation - Check OK.				Wm Johnson ADP 1860342

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature	19 ____	
9/23/76					1518 hr Total Time 1518 hrs Installed all new Sheetmetal on belly of Aircraft from Station 72.26 thru Station 188.50 See 3370 this date. Following additional parts were installed 1717002-1 Left Hand Top Hinge door; 1711025-5 Hinge Door Bottom left (8) 0453003-1 Cowl Shock Mounts; 2000010-39 tube Assy drain; 71164-0001 GasRet, AD-8 Antenna, AD-14 Antenna, Marcomatic Sensor Antenna, 1717053-3 Stop, (2) 1411206-1 spacer, C-161008-0103 McCauley Propeller, 28 ft S1817 Door Seal, (2) cowl flap 2052011-1 and 2052011-2, (4) Engine Load Mounts C-299501-0104, (4) NAS 464-P-4A6 Bolts, (2) MS 20392C65 Pins; (1) 2012071-1 Bumper (1) 0541115-5 Eyebolt (Tail tie down) (1) 1713016-3 Doubler, (2) NAS 222-7 screws, (2) MS 20392-2C49, (1) Cowl Flap Control S-1391-27, (1) NAS 220-17 Bolt, (1) 1715035-1 Moulding, (1) AN 227-41 O-ring. Performed Annual Inspection in accordance with Cessna inspection forms. Complied with AD 76-07-12 Bendix Ignition Switch Para A and found OK AD's checked thru 76-14-08. — Next Page —

AIRCRAFT LOG

[illegible]

Green Ray Aviation Corp., Green Bay, Wis.

N 1866 Q

Scale Corrections		
Alt Reads	Up	Down
- 1000	—	
- 500	—	
0	—	
500	-20	
1000	-20	
1500	-20	
2000	-15	
3000	0	
4000	0	

S.N. After Effects		
Alt Reads	Up	Down
14000	-100	
16000	-100	-60
18000	-90	
20000	-110	
22000		
25000		
30000		

G

REMARKS

"Periodic" inspections — Rigging Changes — Alterations — Repairs — Service Letters —
the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK."
ed mechanic, and his rating and certificate number must be shown.

I certify that the altimeter and static system
tests required by FAR Part 91.170 have been
performed. The altimeter has been tested to
20,000 feet.

Signature Wm Johnson

Date 8-25-76

Certificate Number C13-23

GREEN RAY AVIATION CORP.

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
1-21-77	Tach 1636 hrs		Installed new fuel pump & drain in Rt Wing and new brake pads on both gears. W.B. Johnson AWP 860342				
Total Time.....					all controls pulleys & cables checked - retraction test satisfactory. Installed new main fuel & brake discs. Installed new main antenna block - installed new left fuel qty transmitter serviced battery A/D list checked through 77-15		
Tachometer ..1756.8..... I certify that							
this (aircraft) (engine) has been inspected in							
accordance with a (annual) (100 hour) inspection							
and was determined to be in airworthy condition							
Dated 8-11-77..... W.O. No.....							
Signed J. Butler AWP 1672022 I.A.							

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

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1 VOR 2			19 ____	
			"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.	Tach = 1909	
			"Pertinent details of the repair are on file at this repair station under Work Order		
		No. 61878	Date 3-27-78		
		Signed Wallace J. Tatefield	(signature of authorized representative)	for	
		HOLMAN AVIATION CO.		CRS-3418	
		(repair station name)		(certificate no.)	
		INT. AIRPORT		GT. FALLS	
		(address)			

DATE	FLIGHT FROM	TO
19	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>25,000</u> feet.	
Signature <u>Robert F. Ruch</u>		
Date <u>8-28-78</u>		
Certificate Number <u>1122</u>		
GREEN BAY AVIATION, CORP.		

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME

A WC 534

Repair Station No. C13-22
 Calibrated in accordance with FAR 91-170

Green Bay Aviation Corp., Green Bay, Wis.

Scale Corrections		
Alt Reads	Up	Down
- 1000		
- 500		
0		
<u>700</u>	<u>700</u>	<u>710</u>
1000	<u>1000</u>	<u>10000</u>
1500	<u>1500</u>	<u>1475</u>
2000	<u>1980</u>	<u>1990</u>
3000	<u>2980</u>	<u>2990</u>
4000	<u>3980</u>	<u>3975</u>
6000	<u>5960</u>	<u>5970</u>
8000	<u>7950</u>	<u>7960</u>
10000	<u>9930</u>	<u>9940</u>
12000	<u>11960</u>	<u>11930</u>

S.N. After Effects		
Alt Reads	Up	Down
14000	<u>14000</u>	<u>13930</u>
16000	<u>16000</u>	<u>15920</u>
18000	<u>18030</u>	<u>17950</u>
20000	<u>20000</u>	<u>20000</u>
22000		
25000		
30000		
35000		
40000		
45000		
50000		

Date: 8-28-78

Tested By: Bob Ruch

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 his rating and certificate number must be shown.
The ATC transponder was tested and			
inspected 8-28-78 and found to comply with			
Appendix F of Part 43. The static pressure			
system was tested and inspected in			
accordance with FAR 91.170. Wc 534			
By Robert F. Rusch			
<i>Robert F. Rusch</i> Repair Sta. C13-22			
Green Bay Aviation			
Green Bay, Wis.			

AIRCRAFT LOG							
DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
19							
Total airframe time <u>2083</u> Date <u>8/12/78</u> I certify that this aircraft/engine has been inspected In accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition <u>Wm Johnson</u> repair order # GREEN BAY AVIATION CORP. AUSTIN STRAUDEL FIELD GREEN BAY, WISCONSIN F.A.A. Certified Repair Station No. C13-22 Total airframe time <u>2083</u> Date <u>8/12/78</u> I certify that this aircraft/engine has been inspected In accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition <u>Wm Johnson</u> repair order # <u>534</u> GREEN BAY AVIATION CORP. AUSTIN STRAUDEL FIELD GREEN BAY, WISCONSIN F.A.A. Certified Repair Station No. C13-22							
			<u>8/12/78</u> Tach reads <u>2083 hrs</u> <u>Ports, New Nose wheel tire and both main</u> <u>tires, new bracket and arm on pilots door stop;</u> <u>New Mixture control cable, new vacuum filter;</u> <u>New Rt Main tire tube; new Nose tire tube;</u> <u>New brake hose on both main gears. New Rod</u> <u>end on Mixture cable. Repaired crack on LH.</u> <u>flap. C/w Following AD's 76-07-12 Bendix Ign</u> <u>Switch & AD 74-20-10 Leigh AD's checked thru 78-16-01</u> <u>AD listing in back of book.</u> <u>Oct-9, 1978 Tach reads 2109. Reugged entire</u> <u>Main gear system in accordance with Cessna</u> <u>Service Manual. Installed new door lock Switch</u> <u>Talk on RH Main gear Installed new EGT</u> <u>Probe. Wm Johnson C-13-25</u> <u>wo 630</u>				

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

VOR Receiver in accordance	
Date	Bearing error
VOR 1	VOR 2
<u>8-9-79</u>	<u>0</u>
<u>8-10-79</u>	<u>0</u>

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		
8-9-79		Tach 2146 hrs	Completed work AD 79-08-03 cigar lighter Installed 10 amp fuse in Fuse holder - C/W AD 76-07-12 Ign Switch Panel, label Next inspection due at 2246 hrs. Removed ELT batteries this date. Instrument panel so placarded - Wm Johnson C-13-22 Repair Station		
8-10-79		REMOVED HIGH CLT SWRINK 2129 REPLACED WITH SWARC7 SWRINK #7079 THIS DATE	With S. J. IA 388424333		

[illegible][illegible]

DO NOT WRITE ABOVE THIS LINE

GREEN BAY AVIATION
GREEN BAY WI
CN3068

APPROVED KING INSTALLATION FACILITY
WARRANTY
ACTIVATION DATE 8-17-1979

KING RADIO CORPORATION PAGE 1 OF 1

COMPLETE THIS APPLICATION AT THE TIME OF INSTALLATION. MAIL FACTORY COPY TO KING RADIO. CARD FOR 60 DAYS. PLEASE PRINT OR TYPE.

REGISTERED OWNER/CHIEF PILOT
Richard Witt

ADDRESS
807 Sunset Drive

CITY/STATE
Hartford Wisc. 53027
POSTAL CODE/COUNTRY

TELEPHONE NO. _____
☐ NEW AIRCRAFT INSTALLATION ☒ USED AIRCRAFT INSTALLATION

AIRCRAFT MODEL Cessna 177RG AIRCRAFT HOURS WHEN INSTALLED _____

AIRCRAFT REGISTRATION NO. N1866Q

UNIT MODEL NO. KN 75 SERIAL NO. 9384

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

VOR Rec
in accor
Date Bearing
VOR 1

9-17-79

10-10-

11-9-79

VOR Receiver operation checked in accordance with FAR 91.25				DATE
Date	Bearing error VOR 1 VOR 2	Place	Signature	
9-17-79		TACH READS 2160.2		19
10-10-79		TACH READS I CERTIFY THAT WITH AN APPROVED AIRWORTHY COA		
11-9-79		TACH READS 2168.6 INSTALL REPAIRED EGT GAGE SER 54087 PART No. 202A-TAY; INSTALL NEW CAM AND SWITCH ON THROTTLE ARM FOR GEAR HORN, INSTALL INSULATION ON ENGINE BREATHING PIPE ZIVKO AERO WORKS HARTFORD CT With S Jnd EA388424333		

R.W. WITT & Assoc.

SERVICEABLE



**MITCHELL AIRCRAFT
INSTRUMENTS, INC.**

F.A.A. APPROVED STATION NO. C 13-33
4840 SOUTH HOWELL AVENUE
GENERAL MITCHELL FIELD
MILWAUKEE, WISCONSIN 53207

Customer ZIVKO AERO WORKS
Unit SINGLE EGT GAGE
Type No. ALCOR MOD 35 Model No. _____
Ser. No. 54087 Part No. 202A-TAY
T.S.O. _____
Overhaul ☐ Repair ☒ Checked Only ☐
Mech. JCB Inspector JCB
Date 10-20-79

Signed _____
SIGNATURE OF AUTHORIZED PERSON

Aviation Agency Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

W. O. No. 3637 Date 10-20-78

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.

[illegible]

9-17-79	TACH READS 2160.2	REPLACE AIRGQUIP HOSE BETWEEN FUEL PUMP AND FUEL STRAINER ZIKO AERO WORKS Will S Jnd IA388424333
10-10-79	TACH READS 2163.	DETAILS ON FILE UNDER WORK ORDER # 014 I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION. AND WAS DETERMINED TO BE IN AIRWORTHY CONPITION ZIKO AERO WORKS Will S Jnd IA388424333
11-9-79	TACH READS 2168.6	INSTALL REPAIRED FGT GAGE SKR 54087 PART No. 202A-TAY; INSTALL NEW CAM AND SWITH ON THROTTLE ARM FOR GEAR HORN, INSTALL INSULATION ON ENGINE BREATHER PIPE ZIKO AERO WORKS HARTFORD CT Will S Jnd IA388424333

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 79							
11-2-79	Removed Turn and Bank, replaced with New 52075-4 Century I Mitchell Automatic Flight System. Installed King KN 60 DME. Equipment installed as per manufacturers specs. Autopilot as per STC # SA 1479 SW dated August 7, 1972. See Form 337 and Weight Balance dated this date. New E.W. 177156C. 103.71 total 2167.8 hrs.						
The aircraft, and, or component identified above was repaired and inspected in accordance with current FAA regulations and approved for return to service. Pertinent details of the repair - at this repair station No. 3050 No. 7284 11-2-79 Signed <u>Raymond Hoffman</u> SIGNED INDIVIDUAL FOR MITCHELL GENERAL AVIATION, INC. MILWAUKEE, WISCONSIN 53207							

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

VOR in ac	
Date	Be
2-1-	
2-12	
2-27-80	
4-30-80	

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		
2-1-80				TACH READS 2178 REPLACE O RING, AND BRAKE LININGS LEFT BRAKE Zivko Aeroworks With S J IA388424333 SHEARED	
2-12-80				TACH READS 2181. REPAIR STARTER KEY SHEARD ON STARTER GEAR. REPLACE BROKEN NUT & SPRING ON CARB. PLT. AIR PUMP WORK ORDER 035 Zivko Aeroworks LTD. With S J IA388424333	
2-27-80				TACH READS 2183. REPLACE FOLLOWING PARTS IN COMPASS C21-100 DIAPHRAGM CB21-9156 GASKET LEAK CHECK OK WORK ORDER 041 Zivko Aeroworks LTD. With S J IA388424333	
4-30-80				TACH READS 2197 C/W SERVICE LETTER SE79-37 MAIN GEAR ACTUATOR ROD END INSTALLED THE FOLLOWING NEW PARTS ROD END 2041075-1 BOLT NAS464P6A17 NUT MS21042L6 BALANCE AND ROTATE BOTH MAIN TIRES REPLACE FIVE COWL MOUNTS PART No. S1115-29 DETAILS ON RECORD UNDER WORK ORDER 051 Zivko Aeroworks LTD. HARTFORD CT With S J AP388424333	

AIRCRAFT LOG							
DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
5-9-80	Checked Century I Autopilot Service Bulletin MB-15.		This Bulletin Cable. This system uses a push rod. Raymond Hoffmann 150-2651 Tach 2199.7			as per Edo Air doesn't apply. No Breddal Mitchell also fine	
6-13-80	TACH 2211.5	25 hr INSPECTION	REPLACE GROMMET ON Neck Gear				
	POOR DETAIL ON FILE UNDER WORK ORDER #059	Zivko Aero Works LTD HARTFORD CT					
-2-80	TACH READS 2224.0	REPLACE LEFT FUEL TRANSMITTER, CESSNA					
	PART #668002 CALIBRATE NEW FUEL UNIT	SEE WORK ORDER 61					
	Zivko Aero Works HARTFORD CT						

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

19

FLYING TIME	FLIGHT		SIGNATURE OF PILOT
	HOURS	10THS	
5-9-80	Checked Century I Autopilot as per Edo Air Service Bulletin MB-15. This Bulletin doesn't apply. No Bredal Cable. This system uses a push rod. Mitchell Aero Inc. Raymond Hobmann 150-2251 Tach 2199.7		

6-13-80	TACH 2211.5 25 hr INSPECTION REPLACE GROMMET ON NOISE GEAR DOOR DETAIL, ON FILE UNDER WORK ORDER # 659 ZIVKO AIRWORKS, LTD. HARTFORD CT
7-2-80	TACH READS 2201.2

7-2-80	TACH READS 2224.0	REPLACE LEFT FUEL TRANSMITTER, CESSNA
	PART #668002 CALIBRATE NEW FUEL UNIT	SEE WORK ORDER 61
	Zivko AEROWORKS WARTFORD W1	Wetters Jnt AP 388424333

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

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
10-25-80	TACH READS 2248	REPLACE	LEFT LOWER SUBUR MOUNT				
	FOR COUL DETAILS OF THIS		INSPECTION UNDER WORK ORDER				
	099 I CERTIFY THAT THE AIRFRAME HAS BEEN INSPECTED		IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS				
	DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE		ZINK ARROWWORK LTD MORTFORD ILL.				
	Installed wing KN-75 E.S. see revision		With S J 388424333				
11-26-80	TACH READS 2267.2	REPAIR	THE FOLLOWING PARTS				
	IN LEFT MAIN GEAR DOWN LOCK		1-2041017-24 1-2041017-38				
	2-2041017-24		SEE SHOP ORDER #107 FOR				
	DETAILS ZINK ARROWWORKS LTD MORTFORD		With S J 388424333				

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

VOR Recd
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5/8/81
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AIRCRAFT LOG

[illegible]

~~REPAIR STATION #013-39~~
 KENOSHA MUNICIPAL AIRPORT KENOSHA, WISCONSIN
 Aircraft Model 177RG Aircraft Serial No. 177RGD266 N 1866

Altitude	Equivalent Pressure	Tolerance	Altimeter Pilot	Error HYST.
0 ft	29.92 In. Hg.	+ - 20 ft.	0	
500	29.38	20	-10	
1,000	28.86	20	+20	
1,500	28.33	25	-20	
2,000	27.82	30	-5	
3,000	26.82	30	-10	
4,000	25.84	35	-15	
6,000	23.98	40	-20	
8,000	22.22	60	-20	
10,000	20.58	80	0	+15
12,000	19.03	90	+15	+30
14,000	17.58	100	+55	
16,000	16.22	110	+70	
18,000	14.94	120	+40	
20,000	13.75	130	-20	
22,000	12.64	140		
25,000	11.10	155		

System tested according to tables listed in FAR 43 Appendix E.
 I certify that the altimeter and static system tests required
 by FAR Part 91.170 have been performed. The altimeter was
 tested to 20,000 feet on 5/8/81. Static system
 was tested on 5/8/81.

Signature [Signature]

Certificate Number C - 1336

Receiver operation checked conformance with FAR 91.25		DATE	Enter and ch ALL
aring error	Place	Signature	19
OR 1	VOR 2		

*The ATC [unclear]
 by FAR 91.177
 comply w/ FAR
 Denave Beta 15000
 See revised weig*

SEE LAST PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
5/8/81				19	The ATC Transponder tests and inspections required by FAR 91.177 were performed this date and found to comply w/ FAR 43-A & F. Class I TSO-C74 Deane Betts 15000 S/N 57-64 See revised weight and balance and equip listing this date.
MAINTENANCE RELEASE The above listed maintenance was performed and inspected in accordance with current Federal Air Regulations. Aircraft is approved for return to service. STATELINE AVIONICS FAA REPAIR STA C13-30 9600 W. 52nd ST. SIGNED <i>[Signature]</i> KENOSHA, WIS. WJO # 1889 DATE 5/8/81					
SEE LAST PAGE FOR WORK DONE ON 6/1/81					

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 81							
08-19	TACH. TIME: 2356.5						
ANNUAL INSPECTION COMPLETED THIS DATE. FLIGHT CONTROLS CHECKED FOR WEAR AND TRAVEL AND LUBRICATED. GASCOLATER DRAINED AND SCREEN CLEANED. BATTERY SERVICED. AIRCRAFT RAISED ON JACKS, LANDING GEAR CYCLED AND ALL SYSTEMS AND INDICATIONS NORMAL. WHEEL BEARINGS CLEANED, CHECKED AND GREASED. BRAKES CHECKED. HYD. FLUID SERVICED. COMPLIED WITH A.D. 76-07-12 (MAG. SWITCH) A.D.'S CHECKED AND OR COMPLIED WITH THRU 81.14. SEE BACK OF LOG BOOK FOR LISTING. E.L.T. DUE 12-81. THIS IS TO CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY. <i>Col. Sten A+P12892678</i>							
10-15-81	INSTALLED ARC 502B MARKER BEACON, LEFT DOOR POST SPOT LIGHT AND STOWED JUMPER CABLES/ CORR. WEIGHT 1787 ARM 104.5 MOM 186691.44						
<i>Col. M. Pollock 1957258</i>							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

VOR Receiver in accordance		
Date	Bearing error	VOR 1 VOR 2
11	20	8
6	30	8
7	2	8
7	17	8
8	3	8

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
11	20 81			19	REPLACE ALT BATTERIES DUE DEC 1983 Carl M. Galtwick 1957258
6	30 82				REPLACE LEFT AND RIGHT MAIN TIRES WITH MCCREARY 15 X 6:00 X 6 Carl M. Galtwick 1957258
7	2 82				REPLACE WORN LEFT SIDE BRAKE PUCKS Carl M. Galtwick
7	17 82				REPLACE CRACKED SPINNER DOME WITH CESSNA PART NO. 0752637-16 Carl M. Galtwick 1957258
8	3 82				REPLACE HOBBS METER WITH DIGITAL TIMER WEIGHT CHANGE NEGLIGABLE. Carl M. Galtwick

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AIRCRAFT LOG

AIRCRAFT LOG							
DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
19	THIS PAGE OUT OF CHRONOLOGICAL ORDER						
6-1-81	REMOVE RT 508A W/ INDICATOR						
	INSTALL KING KX175B, KE 201C, NARCO DME						
	195 EMPTY W/ WEIGHT 1784 ARM 104.5mon 186471.94						
	IN ACC. WITH ARC, KING + NARCO INS. MANUALS						
	Cool 77 Helbert 1957253						
	START CHRONOLOGICAL ORDER.						
	NARCO DME 195 REMOTE SER NO 10740						
	INDICATOR SER NO 11643						
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

Date
82
9-9

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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		
82					
9-9				TACH TIME 2491.9	
				Annual inspection completed this date.	
				All controls checked for wear and travel and lubricated. Wheel bearings checked, cleaned and greased. Brake linings checked for wear. Master cylinders and hydraulic reservoir filled. Battery serviced and battery box cleaned. Nose gear strut serviced and shimmy damper filled. Landing gear greased and aircraft jacked and retracted and checked emergency extension. All systems and indicators function properly. ELT due 12-83 AD's thru 82-15 checked and/or complied with see back of this log book for listing. I certify that this aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition - END -	
				Cecil Stur A#P1259267 AT	
				Empty WEIGHT	1787 Lbs
				USEFUL Load	1013 Lbs
				Empty C.G.	104.5

ELT Battery due date 4/79

MEMORANDA

Date	
8/24/78	AD 70-24-04 Cessna N/A TO S/N
	AD 71-01-03 " N/A
	72-03-03 " N/A TO S/N
	74-16-06 P/C/w 9/23/74
	75-07-02 Para B N/A TO dates Stamped
	76-04-03 Cessna Autopilot N/A
	76-14-08 Cessna N/A TO S/N.
	76-21-06 Cessna N/A TO S/N.
	77-12-08 Cessna N/A TO S/N.
	76-07-12 Bendix Ign Switch Recurring 100 hr Insp c/w Par 1, a, b, c.
	74-20-10 Leup. C/w
	AD's checked thru 78-16-08. Wm Johnson ATP 1860347
	SEE NEW AD LIST

AERO SUPPORT ENGINEERING INTERNATIONAL, Inc.

Customer:

ASE Cone

Customer

30-01-08	1000 2100	8-13-21	Greenfield Ave.	
8-01-18	1000 2100	10-25-20	1000 2100	20
30-12-17	1000 2100	11-25-20		

N1866Q BOOK #3

REPLACE ELT BATTERY BY:
MID '96

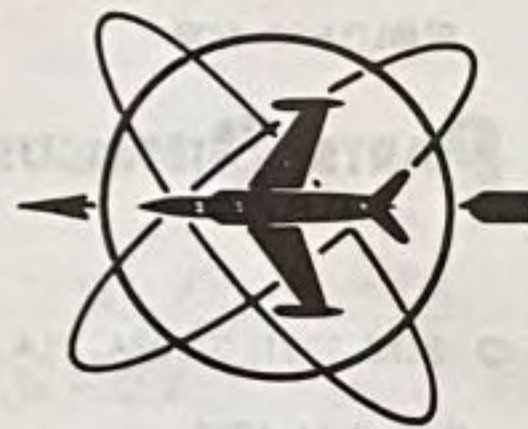
REPLACE ELT BATTERY BY:
FEB '02

The Standard



AIRCRAFT LOG

N1866Q #3



MODEL SA-1

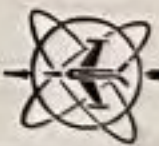
AIRCRAFT LOG



AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER CESSNA MODEL 177RG SERIAL 177RG0266
REGISTRATION NUMBER 1866Q DATE MFG. _____
ENGINE(S) CURRENTLY INSTALLED.
MFG LYCOMING MODEL I0 360-A1B6 SERIAL RL 7718-51A
MFG _____ MODEL _____ SERIAL _____
PROPELLER(S) CURRENTLY INSTALLED.
MFG Mc CAULEY MODEL B2D34C 207/ 78TCA -0
HUB MODEL _____ SERIAL 78 TCA -0 SERIAL _____
BLADE MODEL _____ SERIAL B58084 SERIAL B58119 SERIAL _____
BLADE MODEL _____ SERIAL _____ SERIAL _____

The Standard

 **AIRCRAFT LOG**

REGISTERED OWNER RECORD

NAME SKY HIGH AVIATION INC ADDRESS W163 N1164 WINDSOR
 CITY GERMANTOWN STATE WI FROM 10/25/80 TO _____
 NAME _____ ADDRESS _____
 CITY _____ STATE _____ FROM _____ TO _____
 NAME _____ ADDRESS _____
 CITY _____ STATE _____ FROM _____ TO _____
 NAME _____ ADDRESS _____
 CITY _____ STATE _____ FROM _____ TO _____
 NAME _____ ADDRESS _____
 CITY _____ STATE _____ FROM _____ TO _____

EMPTY

179

A/C TO

ENGINE

PROP

NOTES

BOOK - 3 -

FORWARD

EMPTY WEIGHT

ARM

MOMENT

1787

104.5

186691

A/C TOTAL TIME

ENGINE

PROP

DATE 1983	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/29	2564			Charge oil Phillips 20W50
5/4	2578			REPLACE "O" RINGS ON BOTH FUEL CAPS
5/9	2578			REMOVE RED BEACON POWER SUPPLY FROM EXCHANGE RED BEACON FOR WHELEN A470 INSTALL WHELEN A490ATS OF STROBE POWER INSTALLED SYSTEM IAC WHELEN INSTALLATION AC FLIGHT TESTED AND RETURNED Carl M Gollnick 1957258
				EMPTY WT 1787.8 ARM 104.5

DATE	RECORDING TACH TIME
19__	
INNER	
STROBE	
MANUAL	
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2 (March)

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CTIONS
NUMBER OF
ENTRIES.)

CAPS

FROM

470

POWER

TALLATION

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Col M Galbreath 1957258
				INNER AND OUTER RINGS Col M Galbreath 1957258
				STROBE LIGHT ASSEMBLY STA 297.5 WT CHANGE NEGL.
				UNIDENTIFIED NO. HTS AT STA 194.5 WT 1.5 LB
				MANUAL AND AC 43613-2 CAPT 2, -1 CHPT II SECT 1,2,3,7
				TO SERVICE
				MOMENT 186771.7

APPROVED
STATION
740

MILWAUKEE, WIS.

ALTITUDE	SCALE ERROR	FRICTION ERROR	CASE LEAK _____	
			HYSTERESIS	
			ALTITUDE UP READING	DOWN READING
1000				
0				
500				
1000	0			
1500	0			
2000	0			
3000	-10			
4000	0			
5000			AFTER EFFECT	
6000	-20		BARO. SCALE ERROR	
8000	-5		28.10	
10000	+5		28.50	
12000	+15		29.00	
14000	+30		29.50	
15000			29.92	
16000	+50		30.50	
18000	+20		30.90	
20000	+15		30.99	
22000			ALTIMETER SERIAL NO.	
25000			24531C	
30000			DATE TESTED	
35000			07/13/83	
40000			MECHANIC	
45000			<i>[Signature]</i>	
50000			INSPECTOR	
			<i>[Signature]</i>	

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

Calibrated to 20,000 ft.



KRYCOM
VIONICS, INC.

FAA REPAIR STATION •
C61-49

DATE	RECORDING TACH TIME	TODAY FLIGHT
1983		
07/13	The altimeter have been feet on per one mile	

RATIONS
NUMBER OF
FIC ENTRIES.)

PRODP
OK,

as repaired
ederal Air
to service.
le agency

APPROVED
STATION
1740

DATE 19 <u>83</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
07/13				The altimeter and static system tests required by FAR 91.171 have been performed. The altimeter was tested to 20,000 feet on 07/13/83. static system leakage was less than 100 feet per one minute.
				The aircraft and/or component identified above was repaired and inspected in accordance with current Federal 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. <u>1323</u>
				Date <u>07/13/83</u>
				Signed <u>[Signature]</u> for
				(Signature of authorized individual)
				SKYCOM AVIONICS, INC. C61-49
				(Certificate No.)
				MILWAUKEE, WIS.

DATE 1983	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-19	2627			COMPLETED AN ANNUAL INSP. CHECKED PULLOVS CIRCUITS & CONTROLS. CHECKED ELECTRICAL SYSTEM. THIS A/C WAS INSPECTED I/A/W AN ANNUAL INSP. AND WAS FOUND AIRWORTHY AT THIS TIME. GARY MOORE AD19387752A
12-5	2755			Change Oil Cal M Helms 1957258

REPAIRS AND ALTERATIONS
 RATING AND CERTIFICATE NUMBER OF
 PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 19 <u>84</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-14	Tach Reads		2724.9	Annual inspection completed this date. All flight controls inspected for wear and travel + lubricated. Wheel bearings inspected, cleaned + greased. Brake linings inspected for wear. Serviced brake master cylinders + hydraulic pump with MIL-H-5606 fluid. Serviced shimmy dampers. Aircraft jacks + retraction test performed... checked engine extension. All systems + instruments functioning properly. ELT due July 85. See rear of logs for AD compliance the 84-22. I certify that this aircraft has been inspected I/A/W an annual inspection + found airworthy. Earl Stein A+P1259267AT

7

DATE,

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INSTALLED

2

REGULATOR

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19-8	2760			AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION Pinon #292326087
12-6-85	TACH.	2773.1		Hobbs meter INSTALLED THIS DATE. LEADS 000.0 Weight Change negligible Pinon #292326087

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)	
Dec. 30, 1985				Removed Defective Aerossmic 101420 encoding Altitude. Installed same location, New United Instr. 5934PA-1, S/N 6C928 Altitude. NO MODE C	
I certify that the Altitude, Altitude Reporting and Static System tests required by FAR 91.171 have been complied with.				I certify that the Transponder and System Tests required by FAR 91.172 have been complied with.	
Make	UNITED	W.O. No.	662-85	Make	GENAUG
Mod.	5934PA-1	No. 1 Xpdr.		Mod.	BETA 5000
S/N	6C928	No. 2 Xpdr.		S/N	57-64
Tested to:	20,000			W.O. No.	R 332-85
Signed:	M. Johnson	Date	12-30-85	Signed	M. Johnson
Commander Instruments & Avionics				Commander Instruments & Avionics	
FAA Cert. Repair Sta. #709-3				FAA Cert. Repair Sta. #709-3	
Chester County Airport				Chester County Airport	
Chester, SC 29706				Chester, S. C. 29706	

DATE	RECORD TACH TIME
1986	
1/2	2822
1/29	281
4/25/86	

Installed

[illegible]

DATE 19 <u>86</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/25	2870.0	HOBBS	1120	LUBED CONTROLS, ETC CHECKED FOR OPERATION, EMERG. GEAR SYSTEM CHECKED FOR PROPER OPERATION. AD 76-07-12 COMPLIED WITH BY OPERATIONAL CHECK. NEW NOSE GEAR CENTER DOOR HINGES REPLACED WITH NEW PARTS. ALL FLUIDS SERVICED. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Jmon 292326087 IA
		AIR FILTER CHANGED	Jmon	

PART NAME
Transponder

COM

REPAIRS AND ALTERATIONS
 NG AND CERTIFICATE NUMBER OF
 ES FOR OTHER SPECIFIC ENTRIES.)

RECKED FOR
 SYSTEM CHECKED
 AD 76-07-12
 ONAL CHECK.
 DOOR HINGES
 S ALL FLUIDS
 THIS AIRCRAFT
 ACCORDANCE
 ECTION AND
 E IN AIRWORTHY
 26087 IA

WORK PERFORMED
 KLEY
 MODE
 IDENT
 000-1005-001
 00-6374
 CHESTER, S. C. 29706
 500 BOX 1000
 6807 N. HOLLAND ST. STATION W 1000

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
May 16, 1986				Remove defective Denave B5000 transponder S/N 57-64. Install, same location, new King KT 76A Transponder S/N 48047. W.O. R169-86. M. L. Johnson CRS 709-3
				I certify that the Transponder and System Tests required by FAR91.172 have been complied with.
				No. 1 Xpdr. No. 2 Xpdr.
				Make <u>King</u>
				Mod. <u>KT 76A</u>
				S/N <u>48047</u>
				W.O. No. <u>R169-86</u>
				Signed <u>M. L. Johnson</u> Date <u>May 16, 1986</u>
				Commander Instruments & Avionics
				FAA Cert. Repair Sta. #709-3
				Chester County Airport
				Chester, S. C. 29706

AND ALTERATIONS
CERTIFICATE NUMBER OF
OTHER SPECIFIC ENTRIES.)

AD FOR
EM CHECKED
76-07-12
CHECK.
HINGES
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COMMANDER INSTRUMENTS & AVIONICS

FAA CERTIFIED REPAIR STATION # 709-3
P.O. BOX 1049
CHESTER, S. C. 29706

CUSTOMER WORK ORDER

W.O. NO.

R169-86

PART NAME

Transponder

MODEL

KT76A

IDENT

066-1062-00

MANUFACTURER

King

SER.NO.

48047

WORK PERFORMED

(New - stock).

Sold to: Arthur H. Aaron
8115J Woodscape Drive
Charlotte, NC 28212

Installed in customer's A/C:
Cessna 177RG, N18660, May 16, 1986
(Removed Genave, Beta 5000, S/N 57-64)

Transponder check performed per FAR91.172.

AUTHORIZED BY (CUSTOMER)

(New - stock)

CUSTOMER ADDRESS

DATE

May 16, 1986

COMPLETED BY

M. D. Johnson

DATE 1986	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/23				Reinstalled Marker Beacon Receiver & Functional checked. ARC MODEL R502B. S/N 4723, W.O.# R181-86 CRS 766-98 Sergeant. Melhisa
7/7/86	TACH 2947.9			Repl ARMATURE, SPRINGS AND BRUSHES IN GEAR POWER PACK PER MAINT. MAN. GEAR RETRACTION NORMAL BOTH STD & EMER EXT.
				AP1347030

DATE 1986	RECORDING TACH TIME
8/15	2970
8/25	2971

ATIONS
NUMBER OF
IC ENTRIES.)

8

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BRUSHES

DATE 198	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/15	2970.9	1004		Inspection Completed this date clw AD 76-07-12 Satisfactory, Landing light bulb Replaced, All Controls lubed, Wheel Bearings Packed, Battery serviced. I Certify that this aircraft has been inspected in accordance with a Annual Inspection and was determined to be in Airworthy Condition. Mon 292326087IA
8/25	2978.4			Placards for Service Bulletin SEB 86-5 Installed. Mon 292326087IA

MAINTENANCE RELEASE

MAKE Bendix MODEL _____
PART NO. 2524219-2 S/N 148B

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

WORK ORDER # A1031 DATE 8-6-86
REPAIR STATION # 713-21 signed C M Jones for

AIRCRAFT SPECIALISTS, INC.
6119 HITT LANE
LOUISVILLE, KY. 40222

8/15/86
2970.9 hrs.

SEE OTHER SIDE

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Kit.

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#766-98.

LOW DIVIDER

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Installed KA-33 Avionics cooling kit.
Weight & BALANCE computation
as follows superceding that of
10/15/81: EMPTY WT. 1789.3 lbs.

EMPTY WT. 1789.3165

EMPTY C.G. 104.4 in

EMPTY MOM. 186833.7

USEFUL LOAD 1010.7 lbs

DATE: 9/10/86 BY: J.A. Johnson
for CRS # 766-90

DATE _____

19—

10-8-

10-2

4-14

766-1

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-8-	86 TACK	3038		ALT REPL WITH 51N0010120 ALT BRACKET REPL. 1 NEW GOWC MOUNT REPL., CHARGE BATT. AP1347030
10-27-86				Propeller Removed for Overhaul. Jmon AP292326087
11-14-86	Tach	3051.4	Hobbs 316.5	Re-Installed Propeller after overhaul. aps Ch Ch. (See Prop log for Details) Jmon AP292326087 JA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1987				
2/6	3070.1			Complied with AD 86-24-07 on Engine
				Controls by Installing drilled Bolts &
	See			Castle Nuts. EIT Checked for operation.
	AD List			Batt Due June 87. Complied with
	in Book #2			AD 76-07-12 By Operational Check.
				Lubed Controls, Serviced all fluids
				Packed wheel bearings. I Certify that
				this Aircraft has been inspected
				in accordance with an Annual
				Inspection and was determined to be
				in Airworthy Condition Jmon
				242326087SA

ALTERATIONS
INDICATE NUMBER OF
SPECIFIC ENTRIES.)

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COMMANDER INSTRUMENTS & AVIONICS, Inc.

FAA CERTIFIED REPAIR STATION # 766-98
P.O. BOX 1049
CHESTER, S.C. 29706

W.O. I

3

PART NAME

DIRECTIONAL GYRO INDICATOR

MODEL

3" VERT CARD

IDENT

31101C

MANUFACTURER

AERITALIA

WORK PERFORMED

STOCK UNIT - OVERHAUL

S/N 38970 W.O. # 355-87. Jeffrey U.
for EKS # 766-98.

CTIONS, TESTS, REPAIRS AND ALTERATIONS
TH NAME, RATING AND CERTIFICATE NUMBER OF
(SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

40 86-24-07 on Engine
lty drilled Bolts &
checked for operation.
Complied with
operational Check.
used all fluids
s. I Certify that
by inspected
the an Annual
as determined to be
done
2423260875A

AUTHORIZED BY (CUSTOMER)
ARTHUR H. AARON

CUSTOMER ADDRESS
CHARLOTTE, N.C. 28212

CUSTOMER WORK ORDER

INSP, MECH,

38970

SER.NO.

55 - 87

NO.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1987				
3/11	3106.1			main TIRES CHANGED. WHEEL BEARINGS PACKED. Pmon 242326087
	3110.8			
7/8				Removed defective directional gyro indicator - Standard Precision P/N SP-7610-5-CES S/N 6231. Installed overhauled unit - Aeritalia P/N 31101C S/N 38970 W.O.# 355-87. Jeffrey A. Johnson for CRS #766-98.

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DATE 19 <u>89</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-22-89	113.4		3325.3	I certify that this <u>Aircraft</u> has been inspected in accordance with <u>ANNA</u> inspection and was determined to be in airworthy condition. Date: <u>12-22-89</u> <u>ATC</u> <u>113.4</u> <u>James E. Bobo</u> <u>A & P 2231953</u> <u>IA</u>
1-30-90				Replaced Voltage Regulator & installed Repaired Alternator, ops OK good Johnson 4509694481A 214-597-6133

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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2-3-90

Aircraft complete strip: etch: conversion coat
and epoxy prime. Base 817 Red/43 Blue/460
3 colors Dupont Imron. Wayne Smith AIP 45514055

2-9-90

Repaired

CRACKED. Water on #2 Cerm. C/W
91.171 @ Dallas S/N 6C 928 CRSVEIRSSSK
qV integration 91.171 & 91.172; Realigned
TRANSPONDER, installed AC-30 Encoder
see 337 this date. All work inspected
and completed IAW manuf. spec, latest
FAA DATA & is approved for Return for Service
Johnny Johnson for Tyler Ammons
214-597-6133 CRS VTYR587K

DATE

1991

3-26-91

DATE 1991	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Date <u>3-26</u> T.T. <u>3446.0</u> I certify that I have inspected this (<u>aircraft</u>) in accord with a 100 HR/ annual inspection and determined it to be airworthy. <u>Lucien J. Taix Sr.</u> A&P 1336933 IA
3-26-91	234.1		3446.0	Retract test is complete, Greased wheel bearings, rotated tires, serviced hydraulics systems, serviced battery, lubed cable pulleys, <u>Treated</u> <u>airframe with ACF 50 corrosion treatment.</u> I certify this airframe has been inspected in accordance with 100 hr. inspection and found to be airworthy. <u>Randy Le</u> A&P 425179679

[illegible]

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Date: August 20, 1991 Hobbs: 817.5 Hrs.
Tach Time: 265.3 Hrs. Total = 3477.20 Hrs.
Removed: 5.1 Hrs.

Removed the following equipment: 1 ea. Narco ADF31-A from arm 71.25 in. and 1 ea. Narco Narcomatic Sensor (loop antenna) from arm 113.25 in.

Installed the following equipment: 1 ea.-
King KR-87 ADF at arm 69.86 in., 1 ea. King
KI-227 Indicator at arm 74.12 in., 1 ea. -
King KA-44 Combination Loop/Sense Antenna
at arm 111.75 in., 1 ea. Apollo II 612B Loran
at arm 69.90 in., and 1 ea. Apollo II A23
bent whip antenna at arm 116.50 in. The
above listed equipment was installed I.A.W.
FAA AC 43.13-2A Chapters I and 2, paragraphs
21, 22, 23 and 27. The Apollo 612B Loran was -

continued on next page

[illegible]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19 <u>91</u>				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-20	265.3	—	3477.20	
AERO SERVICES INT'L INC.				
6001 LAKESHORE DRIVE				
NEW ORLEANS, LA. 70126-1491				
FAA Certified Repair				
Station No. JY11261K				
				installed I.A.W. FAA AC 20-121, Appendix 1, paragraph 3. Aircraft instrument panel was placarded to read "Loran C for VFR use only". Aircraft weight and balance and equipment list have been updated as follows:
				New Empty Weight - 1791.64 lbs.
				New Empty C.G. - 104.39 in.
				New Empty Moment - 187023.27
				New Useful Load - 1008.36 lbs.
				Aircraft Gross Weight - 2800.00 lbs.
				FAA form 337 has been submitted this date. For further details see Work Order # 37831.
				<i>Jon A. Schock</i>
				Jon A. Schock Repairman # 2437437

installed I.A.W. FAA AC 20-121, Appendix 1, paragraph 3. Aircraft instrument panel was placarded to read " Loran C for VFR use only". Aircraft weight and balance and equipment list have been updated as follows:

New Empty Weight - 1791.64 lbs.

New Empty C.G. - 104.39 in.

New Empty Moment - 187023.27

New Useful Load - 1008.36 lbs.

Aircraft Gross Weight - 2800.00 lbs.

FAA form 337 has been submitted this date.
For further details see Work Order # 37831.

Jon A. Schuck

Jon A. Schock Repairman # 2437437

DATE 19 <u>92</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/15	0279.9		3491.8	AIRCRAFT OPENED FOR INSPECTION. SERVICED BATTERY, LUBED CONTROL PULLEYS, CABLES, FAIRLEADS. CHECKED LIGHTS, NAV, STROBE. SERVICED HYDRAULICS AND NOSE STRUT. C/W AD 87-20-13R2 SEAT TRACKS AND 86-19-11 QUICK DRAINS LUBED FLAP TRACKS AND AILERON HINGES. PERFORMED RETRACT TEST. INSTALLED NEW HINGES ON GEAR DOORS. REPLACED BROKEN NOSE ATTACH TURN- BUCKLE WITH NEW PART. GREASED WHEEL BEARINGS. CHANGED COWL LORD MOUNTS AS NEC. <u>INSTALLED NEW ELT BATTERY</u> <u>PACK</u> AND NEW AIR FILTER ELEMENT. SEE COMPLETE AD LIST AT BACK OF LOG.
Date 5/15/92 T. T. 3491.8 I certify that I have inspected this (Aircraft) in accordance with all annual inspection and details and find it to be airworthy. Lucien J. Taix Sr. A&P 1306933 IA				

DATE
1992

5/12/01

[illegible]

3556.1

DATE	RECORD TACK TIME
19 93	
6-8-93	369.3
Landing & cups, ELT. batt fixed tab and ma in accor to be in 4-24-94 IA A4P 1154289	

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DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-8-93	369.5		3,577.4	Annual Inspection Raised ship, checked landing gear, emergency test O.K. new main wheel bgs. & cups, felts, new brake lining & rivets right wheel. ELT. battery good till June 1994. Installed new screwailer on fixed tabs. Lubricated hinge points & fittings. Serviced battery and master cylinders. I certify this aircraft was inspected in accordance with an Annual Inspection & was determined to be in airworthy condition. ATP IA. 1154289 J. GAIPA JR.
4-24-94				INSTALLED NEW BATTERY ^{GILL} SP-35 TACH, 420.0 HRS. TT. 3621.9
				ATP 1154289 J. GAIPA JR.

ANNUAL INSP.

DATE 19 <u>94</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/8	431.2		3639.1	Raised ship, checked landing gear operation and emergency gear extension, lubricated hinge points & fittings, cleaned & lubricated flap tracks. Installed new SLICK MAGS. #4370 serial # 94060221 RIGHT
			4373	serial # 94060242 LEFT
				ADS checked thru issue # 94-13 INSTALL 4509 LAND LITE
				Removed stick Bendix S1200 series mag & harness.
				Serviced battery & box. ELT BATTERY EXPIRES JUNE
1994				I Certify this aircraft was inspected in accordance with an Annual Inspection & was determined to be in
				airworthy condition. IA. 1154289 Joseph S. Gripe Jr.

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JUNE
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ATC TRANSPONDER TESTS AND INSPECTIONS, AS REQUIRED BY
FAR 91.172, IN ACCORDANCE WITH FAR 43, APPENDIX F, HAVE
BEEN PERFORMED.
TRANSPONDER MODEL 1. KT76A S/N 48047
11/7/94 MODEL 2. ACK Blind Inc S/N 305328221
SIGNATURE Rubh
VOELZ AVIONICS CRS 610-38 J65R961M
COLUMBUS AIRPORT
COLUMBUS, IN 47203

Scale Corrections				Altimeter No.		
DATE	Alt. Reads	Room C Temp.	Low C Temp.	Alt. Reads	Room C Temp.	Low C Temp.
19__	-1000	-30		14000	-10	
	0	-10		16000	+20	
	500	+10		18000	+20	
	1000	-10		20000	+20	
	1500	-10		22000		
	2000	0		25000		
	3000	0		30000		
	4000	0		35000		
	6000	-20		40000		
	8000	-10		45000		
	10000	-20		50000		
	12000	-20				

Tested by R. [Signature] At 11/7/94 Date

VOELZ AVIONICS - 165R94 MCRS C10-38

CALIBRATED TO

Tested by R. V. G. At 11/7/94 Date
 VOELZ AVIONICS 165R94 MCRS 610-38
 CALIBRATED TO 20.00

ACTIONS, TESTS, REPAIRS AND ALTERATIONS
 WITH NAME, RATING AND CERTIFICATE NUMBER OF
 (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Removed from
 aircraft Cessna 300
 New York & Suburbs
 & installed KMA24
 KX125, KI209, KX75
 & II Morrow GPS
 See 337 For details
 R. V. G. 30 932822
 Voelz Avionics

DATE
 19__
 3-14-94
 5-24-94

from
Lanna 300
+ Indicata
KMA24
E209, KN75
v GFS
for details
E32822
KMA25 JER 16/11

replaced landing light bulb, replaced EGT gauge (Akon)
William Joe AYP 307648188

Replaced both main tires with
new 15-6.00X6 P.R. P. Douglas Miller
AIP 307789261

king lake dip
ke hoses,
rings in
lead fuel
+ time
20-03 by

Malaga
A0P274440510

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-2-97	527.6 TAC			Replace ADF Antenna, replace air filter,
	3735.5 T			rear gear retraction, replaced bolt and
				bushings on nose gear drag link, replaced
				rocker on pilot's seat, replaced control
				mounts, replaced VAC filter, replaced
				landing light bulbs, replaced left
				nav light bulb, replaced brake lines,
				replaced nose tire, replaced right brake
				housing, replaced nose wheel bearings,
				replaced ELT battery, rep'd dec 1-79, replaced
				nose strut, serviced battery, serviced
				hyd. system See next Page

DATE 19__	RECO TA T
2-2-97	52
10-1975	

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INSPECTED BY: A/W FAR 91.207
(A) (1) AND PART 43, APPENDIX D,
AND FOUND TO BE IN OPERABLE
CONDITION.

I CERTIFY THAT THIS aircraft
HAS BEEN INSPECTED IN ACCORDANCE
TO A Annual INSPECTION AND
WAS DETERMINED TO BE AIRWORTHY.

MAE LON
A4P2744401051A

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-4 1997	5.1		3756:7	Completed Annual inspection using Cessna Service Manual D9913-13. Checked all applicable AIs to date. Washed AC Replaced Tail light Check Seat Rails & lock Replaced Cessna Door Seals Replaced several screws in inspection Pannels & resealed Cabin Windshield & front Spar Fairing. Replaced several Broken screws in top fairings. David Blaney ATP497500384/IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-1-99				

M 8130-3

U.S. APPROVAL TAG
of Transportation
Administration

WEST
IENT INST. CO., INC.
SAN NUYS, CA 91406
2D061L

3. SYSTEM TRACKING REF. NO.

195405

5. WORK ORDER NO.

195405

9. ELIGIBILITY*	10. QUANTITY	11. SERIAL / BATCH NO.	12. STATUS / WORK
TSO ARTICLE N/A	1	7693E	☐ INSPECTED ☒ OVERHAULED ☐ REPAIRED ☐ FUNCTIONALLY TESTED ONLY

RECORDING THE ACTUAL WORK

30E and replaced
693E. Lumen Coord.
Prof. N. Lenny

DATE

19__

7-6

Ex

O/H

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

7-6-98

Repair
Exchange
O/H Engr

Southeast Aerospace, Inc.
FAA Approved Repair Station #S66R266N
1401 General Aviation Drive
Melbourne, FL 32935

SERVICEABLE TAG

Part No. 069-1019-00 S/N 11477

Nomenclature NAV/COM Sys- KX-175B

Manufacturer Boeing

T.S.N. _____ T.S.O. _____

Remarks B/C good IAW Mfr-Specs

Signature [Signature]

Date 7-2-98

Inspected By [Signature]

Date 7-2-98

AND ALTERATIONS
CERTIFICATE NUMBER OF
OTHER SPECIFIC ENTRIES.)

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on Coord.

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-6-98				Repaired all avionics due to overvoltage. Exchanged KX 175B SN 13079 with replacement OIH Ench KX 175B SN 11477. Brad N. Lenz Tomlinson Avionics, Inc. PI. 534-0588 619-C Hanger Row Pine Bluff, Arkansas 71601 FAA Approved Repair Station No. YN1R644K

for

W.O. No. 1-2-98

Signed _____

Date _____

Southeast Aerospace, Inc.
1401 General Aviation Drive
Melbourne, FL 32935

BRING THE

Owner: Hoxie
Work Order No. 18336 Date 6-11-98
Insp. Bryant
TOMLINSON

[illegible]

[illegible][illegible]

ABLE

ACK

Mfg. Name

11177

Serial No.

tested () Inspected
identified above was
in accordance with
Federal Aviation
rules for return to
service repair are on

Date 6-11-98

CS, INC.

8

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o. YNIR644K

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12.70	31.2		3782.8	Completed Annual inspection using Grune Service Manual. Checked all applicable Aids to data. Cleaned A/C Repaired Prop Bearings & Filled seals. David Blasing A+P497500384TX
1-22-2000	TAC 66.0		3817.6	Completed Annual inspection; Replaced Lt. Battery. Due again February 2009 Inspected using Grune inspection list from D991-3-13 Replace Prop Lock solenoid S 2110-1. Serviced gear & check 6 conservative retraction & extension. Repainted Back of Prop Blades. made minor engine baffles repair. Cleaned spark plugs and checked

OVER

MOVING AGENCY.

operation
Hed Parking
uts & Rails
and gear

al
n-

DATE

19__

Mod
S/N
as in
FAR
Appe

Author
Signat
FORM

David Childress

Olive Branch Avionics

Metro Airport
11299 Airport Rd.
Olive Branch, MS 38654
Phone: (601) 895-2297
FAA REPAIR STATION NO. SU4R531M

**ALTIMETER AND STATIC SYSTEM TEST AND INSPECTION
IN ACCORDANCE WITH FAR 43, APPENDIX E**

W.O.# 11093

Aircraft Manufacturer Cessna 172

N# 18660

Mfg. United Test

Altitude Model 5934 PA-1

Altitude S/N: 6C928

Altitude	Tol.	Scale Error
-1,000	±20	
0	20	0
500	20	0
1,000	20	0
1,500	25	0
2,000	30	0
3,000	30	0
4,000	35	-10
6,000	40	-10

Altitude	Tol.	Friction
1,000	±70ft	-40
2,000	70	-40
3,000	70	-60
5,000	70	-60
10,000	80	-50
15,000	90	-50
20,000	100	-70
25,000	120	

Signature

James E. Bonaventura
Olive Branch Avionics, Inc.

Metro Airport
11299 Airport Rd.
Olive Branch, MS 38654
Phone: (601) 895-2297
FAA REPAIR STATION #SU4R531M

FORM #411

performed to comply
n tested to

ft.

5934 PA-1

performed to comply
n tested to

ft.

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100 hr/Annual
airworthy con-
97500384 T.A.

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14,000	100	-30	40,000	160	
16,000	110	-20	45,000	180	
18,000	120	-10	50,000	250	
20,000	130	+20			
22,000	140	+20			
24,000	155				
26,000	180				
28,000	205				
30,000	230				
32,000	255				
34,000	280				

Press.	Barometric Scale Error	Tol. 25 ft.
28.10	-1727	
28.50	-1340	
29.00	-863	
29.50	-382	
29.82	0	
30.50	+531	
30.80	+893	
30.99	+974	

DATE _____
19____

Case Leak Test ±100 ft.
After Effect Test 30 ft.

HYSTERESIS TEST

I certify that the ATC Transponder
Model Bendix KT76A
S/N 48047
as installed in this aircraft has been tested as required by
FAR 91.413 and meets the requirements of Part 43
Appendix F for Class I or II operation. W.O. 11023
OLIVE BRANCH AVIONICS, INC
Phone: (601) 895-2297
FAA REPAIR STATION #SU4R531M
Authorized Signature James T. Bandman Date Aug 29, 2000
FORM #413

performed to comply
with FAR 91.411. Altimeter has been tested to 20,000 ft.

Make & Model United Inst 5934PA-1
S/N LC 928
W/O 11093

Date Aug 21, 2000
Altimeter and Static System Tests performed to comply
with FAR 91.411. Altimeter has been tested to 20,000 ft.

Make & Model ACK A30
S/N 63691
W/O 11093
Signature James T. Bandman

Olive Branch Avionics, Inc.
Metro Airport
11299 Airport Rd.
Olive Branch, MS 38654
Phone: (601) 895-2297
FAA REPAIR STATION #SU4R531M
FORM #411

MOVING AGENCY.

DATE

19__

TOTAL
TIME IN
SERVICEOF MAINTENANCE
DESIGNREFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

10/15/00

REPAIR VACUUM PUMP WITH KIT SUPPLIED BY AIRCRAFT PRODUCTS, INC.- EDO AIRE TURN AND
BANK REPAIRED BY MID-CONTINENT. -REPAIRED GEAR DOORS, JACKED AIRCRAFT AND
CHECKED GEAR OPERATION. REPAIRED GEAR WARNING HORN SYSTEM. TREATED FUSELAGE
WITH AFC 50.

David W. Childress AHP 587039916

DATE

19__

A. D.
NUMBER

DO AIRE TURN AND RAFT AND EATED FUSELAGE

6

[illegible]

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
19__			

MAINTENANCE RELEASE

AIRCRAFT CESSNA 177RG REGISTRATION NO. N 1866Q
SERIAL NO. 177RG 0266 TIME 9:00

THE REFURBISHED AIRCRAFT INTERIOR COMPONENTS IDENTIFIED HAVE BEEN REPAIRED AND INSPECTED FOR THE WORK PERFORMED, IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE.

"Pertinent details of the repair are on file at this repair station under Work Order No. 416
dated 1-9-01."

Signed: [Signature], authorized representative for SOUTHERN AIR CUSTOM INTERIORS, INC.
FFA CERTIFIED REPAIR STATION NO. UUSR697L, 711 County Road 51, Haleyville, AL. 35565

8660

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TERIORS, INC.
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DATE	TOTAL TIME IN SERVICE	CURRENT WEIGHT AND BALANCE INFORMATION			REMARKS
		EMPTY WEIGHT	EMPTY C. G.	USEFUL LOAD	
Date 25 Feb 2001-Tac time 85.5 Total Time in Service 3751.6					
Annual Inspection completed 25 Feb 2001. Cowling and inspection plates removed. Airframe inspection I/A/W annual inspection checklist. Jacked aircraft and checked gear retraction. Replace wheel well tunnels part #2012070-3, 2012070-4 and bumpers part #2012071-1. Inspected brakes and repacked main and nose wheel bearings. Checked hydraulic fluid level OK. Replace battery with new Gill G-35. Clean and treat airframe with AFC50 corrosion protection. Inspect and lubricate all pulleys cables. Repair engine baffle. Checked ELT, battery replacement is due Feb 2002. C/W AD-87-20-03 R2 by inspection. All AD's C/W see AD Compliance Record					
William Bolle IA420962213					

26, Mar

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Color Co
Matterho
Gold Met
Blue

26, March 2001 Cessna 177RG SN/177RG0266 N1866Q

Aircraft fully stripped, etched, primed and repainted with polyurethane topcoats. Control surfaces were checked for static balance IAW the CESSNA service manual and were found to be within the specified tolerances stated therein. I hereby return this aircraft to service this date.

Signature:

Belme Junior Vait

Certification:

ASP 1912260 IA

Color Codes:

Matterhorn White
Gold Met.
Blue

570-535
N8014
24160

Jet Glo
Imron
Imron

RONALD D. SMITH
DAN SMITH AIRCRAFT COMPANY
OPERATIONS DEPOT
111 AIRPORT RD. • HOUSTON, MS 38851
662-456-9332

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DATE 19__	TOTAL TIME IN SERVICE	EQUIPMENT ADDITION, REMOVAL OR EXCHANGE		TOTAL TIME IN SERVICE	DATE
		ITEM — MFG NAME — MODEL — SERIAL			
		☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required—Exchanged for Optional ☐ Removal of Required—Exchanged for Optional			
		☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required—Exchanged for Optional ☐ Removal of Required—Exchanged for Optional			
		☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required—Exchanged for Optional ☐ Removal of Required—Exchanged for Optional			
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DATE
TIME
SERVICE

DATE

- ☐ Addition of Optional Equipment
- ☐ Removal of Optional Equipment
- ☐ Addition of Required—Exchanged for Optional
- ☐ Removal of Required—Exchanged for Optional

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- ☐ Addition of Required—Exchanged for Optional
- ☐ Removal of Required—Exchanged for Optional

MEMORANDA

Aug 13, 2001

Installed Garmin GNC 300XL GPS/Com,
King KI 202 VOR/LOC/GPS Indicator, GAS6
GPS Ant, STEC System 50 Auto Pilot System.
Removed: UPS Aviation Tech GX50, King KX100B
KI 201C Indicator, Century II Auto Pilot.
Equipment List and Weight and Balance Computed
See 337 This date

EW 1783.50

CG 104.92

Mom 187,118.90

UL 1016.50

Bondurant Aviation, Inc.
James D. Bondurant
544R531M

MEMORANDA

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 2. 10/12/66 1800Z 140 60000 10000 10000
 3. 10/12/66 1800Z 140 60000 10000 10000
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 14. 10/12/66 1800Z 140 60000 10000 10000
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 18. 10/12/66 1800Z 140 60000 10000 10000
 19. 10/12/66 1800Z 140 60000 10000 10000
 20. 10/12/66 1800Z 140 60000 10000 10000

& Academics, Inc.



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Aircraft Record General Information

BOOK # 4

Manufacturer CESSNA Model 177RG
Serial 177RG0266 Registration Number N1866Q
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer LYCOMING Model IO-360-A1B6 Serial RL7718-51A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer MCCAULEY Model B2D34C207-B
HUB Model G78TCA-O Serial 830351 Serial _____
Blade Model _____ Serial D0095 Serial D0113 Serial _____
Blade Model _____ Serial _____ Serial _____

Aircraft Record General Information

BOOK # 4

Manufacturer CESSNA Model 177RG
Serial 177RG0266 Registration Number N1866Q
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer LYCOMING Model IO-360-A1B6 Serial RL7718-51A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer MCCAULEY Model B2D34C207-B
HUB Model G78TCA-O Serial 830351 Serial _____
Blade Model _____ Serial D0095 Serial D0113 Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____



- 2



9 781560 271178

Registered Owner Record[illegible]



MICHELIN

Stabilimento di Cuneo
Via Pollino 12020, Ronchi - Cuneo

CERTIFICATE OF CONFORMANCE
CERTIFICATO DI CONFORMITA'

PIN	092 - 315 - 0	Tube size	15 x 6.0 + 6.00 - 6	Production lot	24 01
Codice materiale		Dimensione camera		Lotto produzione	

Gentleman, we hereby certify that the parts supplied and referenced by the production lot, are manufactured according to applicable specifications. Substantiating documents regarding the subject parts are on file available for inspection upon request.

Signori, con questo documento noi certifichiamo che i materiali forniti ed identificati col riferimento del lotto di fabbricazione, sono realizzati conformemente alle specifiche richieste. I documenti previsti, relativi ai materiali in oggetto, sono archiviati e disponibili per ispezione su richiesta.

Tubes Quality Assurance Manager	Name	Signature \ Firma	Date \ Data (d / m / y)
Responsabile Garanzia Qualità camere	G. ROMANO		13.06.2001

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

LOG BOOK ENTRY 25 FEB 2002

E.L.T. BATTERY
REPLACEMENT DATE FEB 2004

TOTAL
TIME IN
SERVICE

Current Weight and Balance

Empty Weight

Empty Weight

Date March 10, 2003-Tac time 14

Annual Inspection completed this
Airframe inspected I/A/W annual
Jacked aircraft and checked gear r
replace O-rings in nose strut. Serv
due replacement Feb. 2004. Comp
Compliance Record.

SPINAL
CUMULATIVE
INJURY

Annual Inspection completed this date. All cowlings and inspection plates removed. Airframe inspected I/A/W annual inspection checklist. Jacked aircraft and checked gear retraction. Inspected brakes, repacked wheel bearing, replaced main landing gear tires with Michelin (P/N 092-315-0). Replaced ELT battery, due replacement Feb. 2004. Complied with AD-87-20-03-R2. All AD's C/W see AD Compliance Record.

William B. Oler
1A420962215



25 FEB 2002

FEB 2004

REPLACEMENT DATA

FEB 2004

TOTAL
TIME IN
SERVICE

Date March 10, 2003-7

Annual Inspection completed
Airframe inspected I/A
Jacked aircraft and checked
replace O-rings in nose
due replacement Feb. 2
Compliance Record.

.0

plates removed.
 aft and checked gear
 landing gear tires
 ment Feb. 2004.
 nce Record.

YEAR: DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty C.G.	Useful Load	Remarks
		Date March 10, 2003-Tac time 145.4 Total Time in Service 3897.0			
		Annual Inspection completed this date. All cowlings and inspection plates removed. Airframe inspected I/A/W annual inspection checklist. Washed airframe and engine Jacked aircraft and checked gear retraction. Inspected brakes, repacked wheel bearing, replace O-rings in nose strut. Serviced battery, Treated wings with AFC 50, ELT battery, due replacement Feb. 2004. Complied with AD-87-20-03-R2. All AD's C/W see AD Compliance Record.			
		William Bolton			
		1A 42090 2213			

YEAR:

DATE

BONDURANT AVIONICS INC
11299 AIRPORT ROAD
OLIVE BRANCH MS 38654
REPAIR STATION #SU4R531M
662-895-2297

ALTIMETER AND STATIC SYSTEM TEST AND INSPECTION
IN ACCORDANCE WITH FAR 43, APPENDIX E

Model

S/N
as installed
and measured
operationalAuthoriz
Signature
FORM#413

Altitude	Tot	Scale Error	Altitude	Tot
1,000	20	0	1,000	10
0	20	0	2,000	5
500	20	0	3,000	5
1,000	20	+15	5,000	10
1,500	25	+5	10,000	10
2,000	30	+5	15,000	10
3,000	30	+5	20,000	5
4,000	35	+5	25,000	5

2742421

Form #411

Date MAR 11, 2003
Altimeter and Static System Tests performed to comply
with FAR 91.411. Altimeter has been tested to 20,000 ft.

Make & Model ACK A30
S/N 63691
W/O 12451
Signature [Signature]

Bondurant Avionics, Inc.

Metro Airport
11299 Airport Rd.
Olive Branch, MS 38654
Phone: (662) 895-2297
FAA Repair Station #SU4R531M

Form #411

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YEAR:

DATE

RECORDING

TACH
TIME

8/03

8/22

158.3

[illegible]

11. 2003

Ind 5934PA-1

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mem. III 2742421

Avionics, Inc.

Aero Airport
 9 Airport Rd.
 Marsh, MS 38854
 (662) 895-2287
 Station #BU4P531M

1. 2003

System Tests performed to comply
 _____ has been tested to _____

000 91
A30

and

Avionics, Inc.

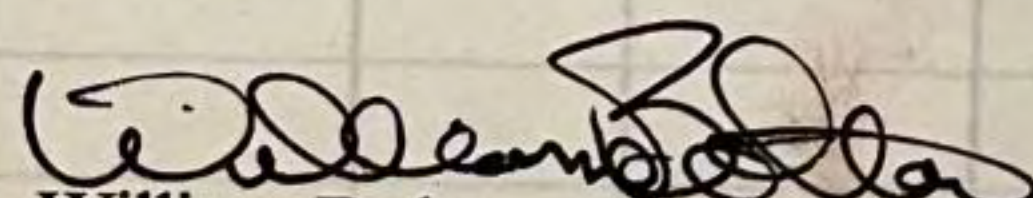
Aero Airport
9 Airport Rd.
Bench, MS 38554
(662) 895-2297
Station #SU4R531M

[illegible]

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	168.7			

Date April 10, 2004-Tac time 168.7 Total Time in Service 3920.3

Annual Inspection completed this date. All cowlings and inspection plates removed. Airframe inspected I/A/W annual inspection checklist. Washed airframe and engine Jacked aircraft and checked gear retraction. Inspected brakes, wheel bearing, and replace nose tire and tube. Repaired shimmy dampener. Repaired leak in left fuel tank. Serviced battery. ELT inspected I/A/W FAR 91.207. ELT battery due replacement May 2006. Treated wings with AFC 50, C/W AD-87-20-03-R2. All AD's C/W see AD Compliance Record.


William Bolton

IA 42962218

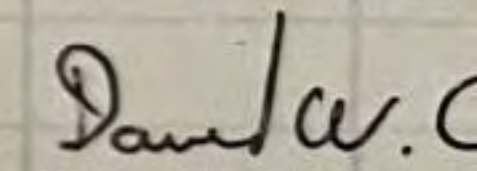
420962213

IA 420962213

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT
DATE		

Date September

Replaced Tach
Tach. See Form


David Childres
A&P 5870599

and Certificate Number of
(for other specific entries.)

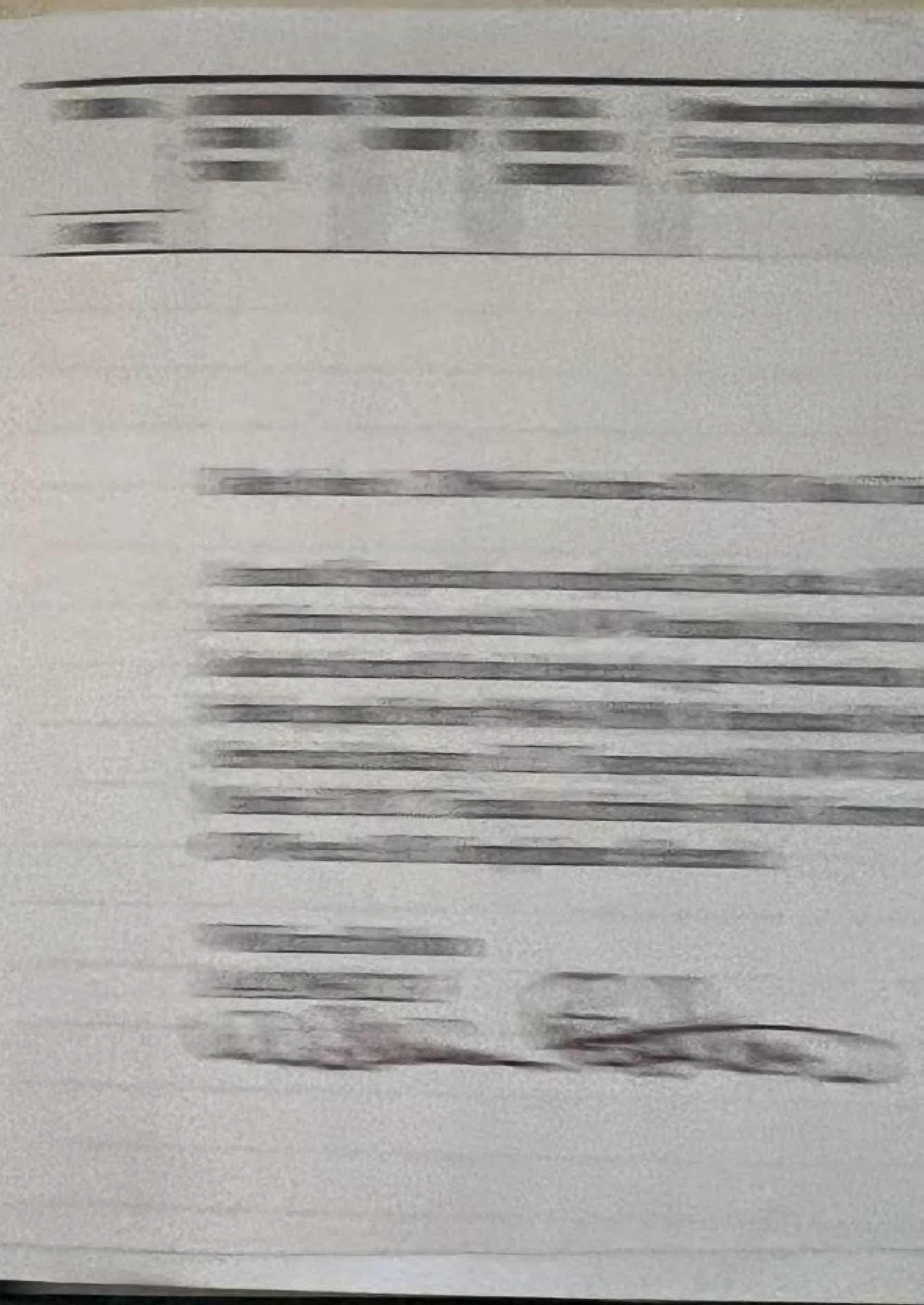
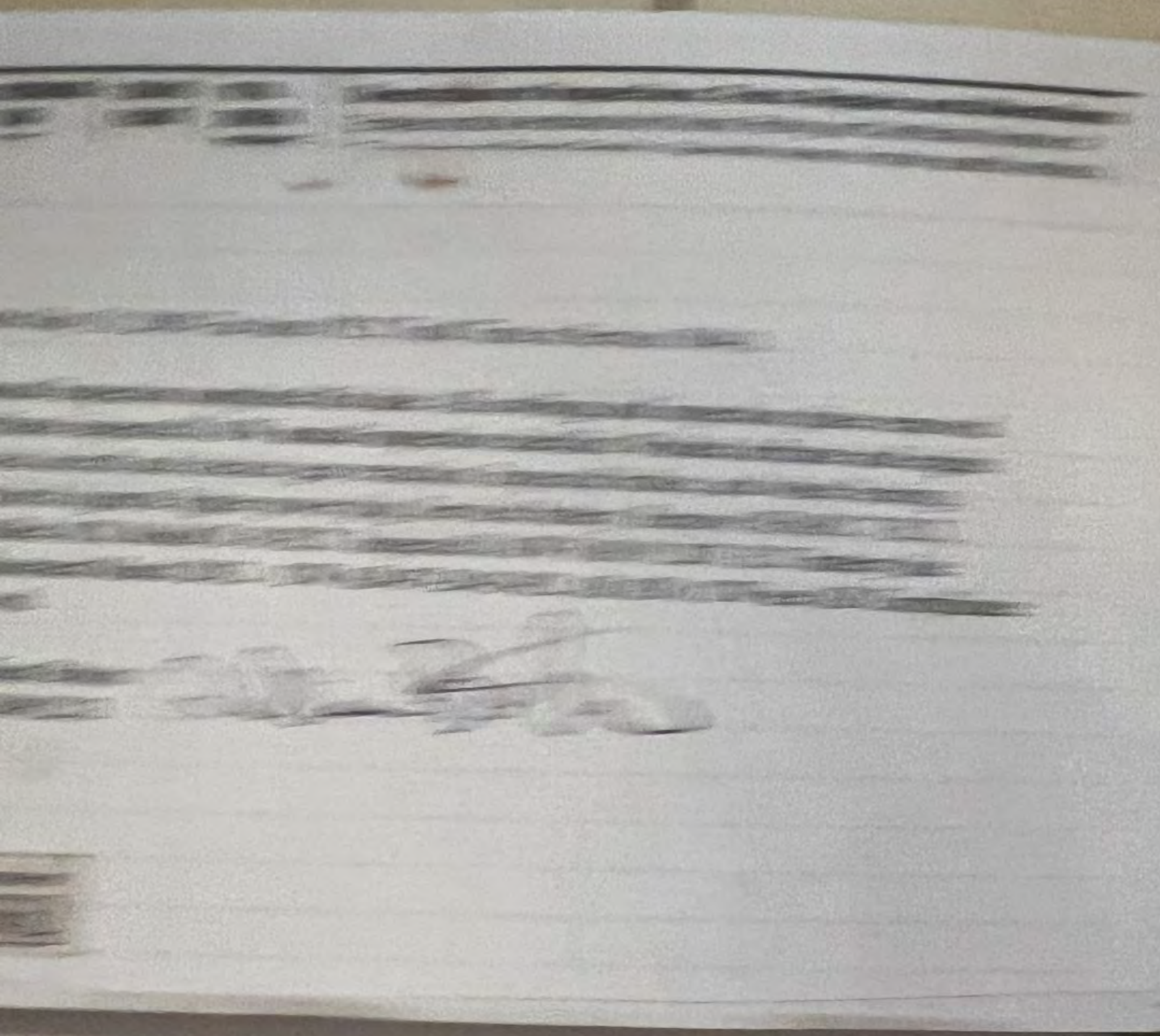
ates removed.
ne and engine
bearing, and replace
fuel tank. Serviced
ment May 2006.
see AD Compliance

Date September 23, 2004 – Tach Time 172.5

Replaced Tachometer with Horizon Instruments, Inc, Model P100060-168-03 digital Tach. See Form 337 dated this date.

David A. Childress

David Childress
A&P 587059916



and Alterations
Certificate Number of
er specific entries.)

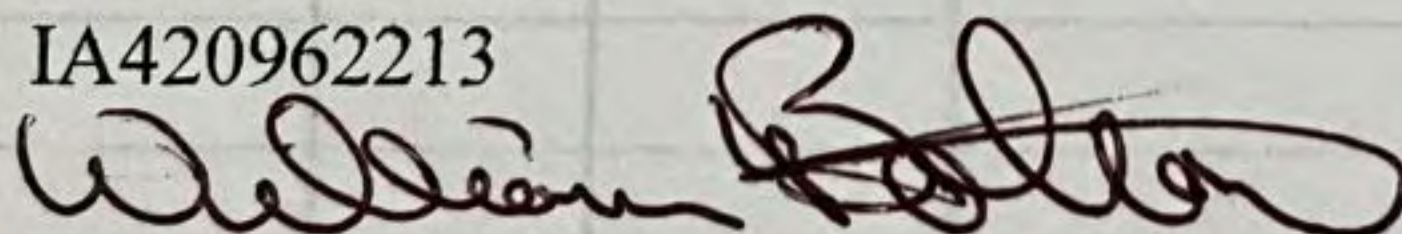
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engine
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YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. See back pages for other specific entries.)
DATE				

Date June 1, 2006-Tac time 205.0 Total Time in Service 3956.6

Annual Inspection completed this date. All cowlings and inspection plates removed. Airframe inspected I/A/W annual inspection checklist. Washed airframe and engine. Jacked aircraft and checked gear retraction. Inspected brakes, wheel bearing. Replace brake pads Part # 066-10500. Replaced O-ring in right brake, Part # MS28775-224. Serviced battery. ELT inspected I/A/W FAR 91.207. ELT battery, due replacement March 2012. Treated airframe with Corrosion -X, C/W AD-87-20-03-R2. All AD's C/W see AD Compliance Record.

William Bolton
IA420962213



YEAR:

DATE

BONDURANT AVIONICS INC
11299 AIRPORT ROAD
OLIVE BRANCH MS 38654
REPAIR STATION #SU4R531M
662-895-2297

ALTIMETER AND STATIC SYSTEM TEST AND INSPECTION
IN ACCORDANCE WITH FAR 43, APPENDIX E

W/O 13766

Aircraft Manufacturer

No 18660

Alt.

Altimeter Model

Altimeter S/N

Model

S/N

as inst

and m

opera

Auth

Signa

FORM#411

Altitude	Tot	Scale Error
-1,000	±20	
0	20	0
500	20	+10
1,000	20	+15
1,500	25	+15
2,000	30	+20
3,000	30	+20
4,000	35	+20
5,000	40	+30
6,000	60	+35

Altitude	Tot	Friction
1,000	±70	
2,000	70	+30
3,000	70	+35
5,000	70	+35
10,000	80	+90
15,000	90	+50
20,000	100	+65
25,000	120	+75
30,000	140	

1, 2006

System Tests performed to comply
with FAR 91.411. Altimeter has been tested to _____ ft.

Signature *[Signature]*
Altitude 5934 ft

6

Bondurant Avionics, Inc.
Metro Airport
11299 Airport Rd.
Olive Branch, MS 38654
Phone: (662) 895-2297
Repair Station #SU4R531M

1, 2006

Altimeter and Static System Tests performed to comply
with FAR 91.411. Altimeter has been tested to _____ ft.

Make & Model *ACK A30*

S/N *63691*W/O *13766*Signature *[Signature]*

Bondurant Avionics, Inc.

Metro Airport

11299 Airport Rd.

Olive Branch, MS 38654

Phone: (662) 895-2297

FAA Repair Station #SU4R531M

Form #411

10,000 130
 15,000 140
 20,000 155
 25,000 180
 30,000 205
 35,000 230
 40,000 255
 45,000 280

10,000 130
 15,000 140
 20,000 155
 25,000 180
 30,000 205
 35,000 230
 40,000 255
 45,000 280

Pressure Alt. (ft)
 28.10 -1727
 28.00 -1340
 27.90 -943
 27.80 -543
 27.70 -143
 27.60 0
 27.50 +331
 27.40 +723
 27.30 +1114

Certified by *[Signature]*
 Date *June 1, 2006*

I certify that the ATC Transponder
 Model King KT76A
 S/N 48047
 as installed in this aircraft has been tested as required by FAR 91.413
 and meets the requirements of Part 43 Appendix F for Class I or II
 operation. W.O. 13766
 Bondurant Avionics, INC
 Phone: (622) 895-2297
 FAA REPAIR STATION #SU4R531M
 Authorized Signature *[Signature]* Date June 1, 2006
 FORM#413

Date June 1, 2006
 Altimeter and Static System Tests performed to comply
 with FAR 91.411. Altimeter has been tested to 20,000 ft.
 Make & Model United Inst 5934A1
 S/N 6C928
 W/O 13766
 Signature *[Signature]*
 Bondurant Avionics, Inc.
 Metro Airport
 11299 Airport Rd.
 Olive Branch, MS 38654
 Phone: (662) 895-2297
 FAA Repair Station #SU4R531M
 Form #411

Date June 1, 2006
 Altimeter and Static System Tests performed to comply
 with FAR 91.411. Altimeter has been tested to 20,000 ft.
 Make & Model Ack A30
 S/N 63691
 W/O 13766
 Signature *[Signature]*
 Bondurant Avionics, Inc.
 Metro Airport
 11299 Airport Rd.
 Olive Branch, MS 38654
 Phone: (662) 895-2297
 FAA Repair Station #SU4R531M
 Form #411

YEAR:	RECORDED
DATE	TACH TIME

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006
Tests performed to comply
as been tested to _____ ft.
5934AA1

Avionics, Inc.
Airport
Port Rd.
MS 38654
(2) 895-2297
tion #SU4R531M

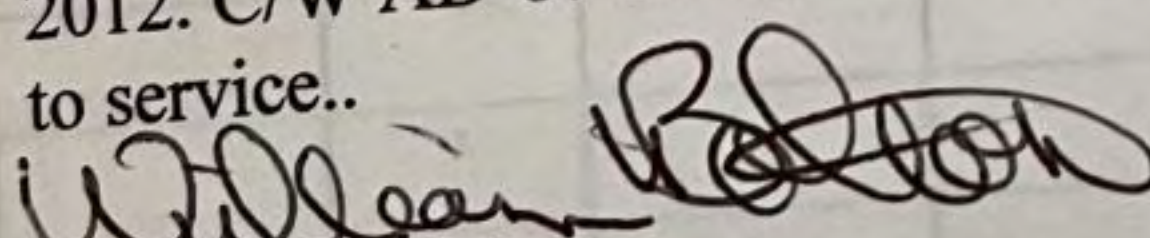
2006
Tests performed to comply
as been tested to _____ ft.
A30

Avionics, Inc.
Airport
Port Rd.
h, MS 38654
(2) 895-2297
tion #SU4R531M

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Date July 02, 2007-Tac time 212.0 Total time in service 2455.5 3963.6

Annual Inspection completed this date. All cowlings and inspection plates removed.
Inspected airframe I/A/W annual inspection checklist. Washed airframe and engine.
Jacked aircraft and checked gear retraction. Removed battery box and repaired corrosion
under battery box. Service battery. ELT checked I/A/W FAR91.207, battery due March
2012. C/W AD-87-20-03-R2. All AD's C/W see AD compliance record. Aircraft return
to service..


William Bolton
IA420962213

and Alterations

ate Number of
specific entries.)

removed,
d engine,
treat battery
LT checked
AD's

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2008 8/21	2230		3974.6	REPLACED BATTERY WITH NEW GILL G35 SERIAL # G02404686. RAN AIRCRAFT OPS. CHECK OK. David W. Childers A + P 58705916
8-1-09	226.6		3979.2	aircraft accordance with a <u>Annual</u> inspection was determined to be in airworthy condition. All A. D. notes <u>in A/c paper work</u> Total time <u>3979.2</u> Tach time <u>226.6</u> Signed <u>John Quirk</u> <u>8-1-09</u> <u>1726347IA</u>

RAPCO, inc.

Air Filter P/N _____

Changed at: 226.6 Hrs. Next Change: _____ Hrs.

Date: 7-29-09 Date: _____

MANDATORY REPLACEMENT: 500 hours in service,
annually, or pump replacement, whichever comes first.
Hartland, WI 53029 USA

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

10-1-10

TACK 229:7 TOTAL 3982:3

Serviced A/C + Landing - serviced
gear + retraction test satisfactory
Checked lights + stall system
Heated pitot satisfactory - serviced
brakes + full bath. Master cyl's
serviced power per flight -
removed batt + cleaned + resealed +
top recharged + reinstalled. EHT
good 2012 cp's checked per
91-207(d) satisfactory. Trans +
static system checked due at
this time c/w 87-20-03 R2
by insp - satisfactory at this time
A/D Test flight in AC paperwork
John D. [Signature]
AIP 1726347

YEAR:	
DATE	

APRIL 25, 201
STW

ate Number of
specific entries.)

carried
factory
system of
service
into cgl's
-
operated x
P. E. H. T
per
ran x y
e at
3 R 2
time
work

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				in accordance with a <u>Annual</u> inspection and determined to be in airworthy condition. A. D. notes Total time <u>3982.3</u> Tach time <u>229.7</u> Signed <u>John Patrick Starnes</u> <u>10-1-10</u> <u>1724347IA</u>
APRIL 25, 2011	TACH TIME	231.8 HRS.		RESEALED NOSE STRUT REF CHAPTER 5 & SERVICED STRUT WITH 5606 & NITROGEN REF CHAPTER 2 <u>Walt Gabel AIP 2207513</u>

Heath Aviation

HVDR337X

219 Airport Drive

Winona, MS 38967

Phone: 662-283-9833

Fax: 662-283-4092

Inspections, Tests, Repairs and Alterations
 Performed with Name, Rating and Certificate Number of
 the Facility. (See back pages for other specific entries.)

I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411
 HAVE BEEN PERFORMED THIS DATE. THE ALTIMETER MAKE United
 MODEL 5934 PA-1 S/N 606C 928 THE ENCODER
 MAKE ACK MODEL A30 S/N 63691 WERE
 TESTED TO 20000 FT
 SIGNATURE [Signature] DATE 9-26-2011

I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED THIS DATE, AND
 FOUND TO COMPLY, TRANSPONDER MAKE King MODEL KT 76A
 S/N 48047
 SIGNATURE [Signature] DATE 9-26-2011

NAME [Signature] DATE [Signature] N 1866 Q WORK ORDER
 MAKE [Signature] PART NO. [Signature] SERIAL NO. [Signature] CHECKED BY [Signature]

ALTITUDE PRESSURE & FRICTION TEST						BAROMETRIC SCALE ERROR			
ALT FEET	ALT/ENC DIFFERENCE	FRCTN TEST	ALT TEST	ALT/ENC DIFFERENCE	FRCTN TEST	PRESSURE (IN OF HG)	ALTITUDE DIFFERENCE FT.	ALTIMETER READS	
-1000	0	-100	XXXX	12000	OK -20	XXXX	28.10	-1727	-1320
0	0	-100	XXXX	14000	0 -20	XXXX	28.50	-1340	-930
500	0	-100	XXXX	15000	0 -20	50	29.00	-863	-460
1000	0	-100	20	16000	-100 20	XXXX	29.50	-392	+020
1500	-5	-100	XXXX	18000	-100 20	XXXX	29.92	0	3000
2000	-5	0	20	20000	-100 30	60	30.50	+531	940
3000	-5	0	50	22000		XXXX	30.90	+893	1300
4000	0	0	XXXX	25000			30.99	+974	1385
5000	0	0	50	30000			TOLERANCES		
6000	-10	0	XXXX	35000			18,000 FT CASE LEAK TEST 30		
8000	-10	0	XXXX	40000			HYSTERSIS TEST NO. 1(50%) +5		
10000	-20	-100	50	45000		XXXX	HYSTERSIS TEST NO. 2(40%) +5		
				50000			AFTER EFFECT TEST 10		
							ENCODER PART NO.		
							ENCODER SERIAL NO.		

HA form 100

HA form 100

ABEL

CERTIFIED REPAIR
 STATION NO. HVDR337X

HA FORM 101

AND STATIC SYSTEM TEST REQUIRED BY
 PRIMARY ALTITUDE REPORTING SYSTEM
 ORDER S/N 63691

FAR 91.413 HAS BEEN PERFORMED THIS
 DEL, & SN KING KT 76A S/N 48047

09/26/2011

YEAR:

REC

TAK

TIME

DATE

SEPTEMBER

REPLACE K

SYSTEM. ID

WEIGHT A

NEW EMPTY

NEW EMPTY

NEW USEFUL

NEW MOMENT

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE

SERVICE

AIRCRAFT LOG ENTRY LABEL

David Heath
Owner

Heath Aviation,
219 Airport Dr.
Winona Airport
WINONA, MS. 38967
662-283-9833

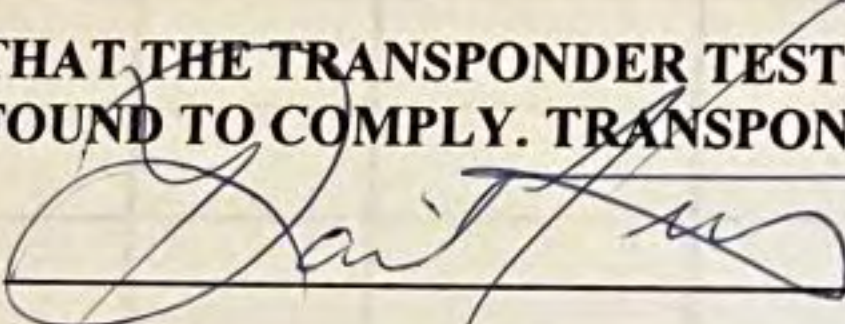
CERTIFIED REPAIR
STATION NO. HVDR337X

HA FORM 101

I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM AND STATIC SYSTEM TEST REQUIRED BY CFR 91.411 HAS BEEN PERFORMED THIS DATE. THE PRIMARY ALTITUDE REPORTING SYSTEM MAKE MODEL, UNITED 5934PA-1 S/N 6C928 ACK A-30 ENCODER S/N 63691

I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY CFR 91.413 HAS BEEN PERFORMED THIS DATE AND FOUND TO COMPLY. TRANSPONDER MAKE, MODEL, & SN KING KT 76A S/N 48047

SIGNATURE



DATE 09/26/2011

WORK ORDER # 4592

YEAR:

RECORDING
TACH
TIME

TODAY:
FLIGHT

DATE

SEPTEMBER 26, 2011 LOG

REPLACE KI214 WITH S/N
SYSTEM. INSTALL S-TEC
WEIGHT AND BALANCE.

NEW EMPTY WEIGHT: 17
NEW EMPTY WEIGHT CG: 1
NEW USEFUL LOAD: 10
NEW MOMENT: 186,

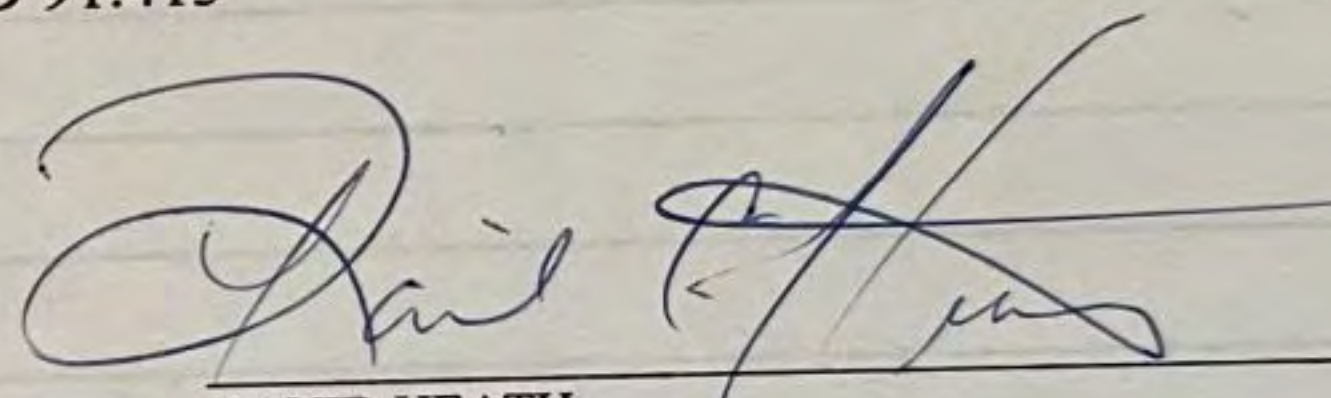
and Alterations
Certificate Number of
other specific entries.)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

SEPTEMBER 26, 2011 LOG BOOK ENTRY N1866Q TACH TIME: 249.4 WORK ORDER #4952

REPLACE KI214 WITH S/N 13925. REPLACE KX 170 B WITH S/N 33212. REMOVE KR 87 ADF
SYSTEM. INSTALL S-TEC ST 901 GPSS ROLL STEERING CONVERTER S/N 196. RECOMPUTE
WEIGHT AND BALANCE. PERFORM 91.411 AND 91.413

NEW EMPTY WEIGHT: 1775.55
NEW EMPTY WEIGHT CG: 104.94
NEW USEFUL LOAD: 1024.45
NEW MOMENT: 186,323.45


DAVID HEATH
HEATH AVIATION
FAA CRS# HVDR337X

REQUIRED BY
SYSTEM

FORMED THIS
48047

RAPCO, inc.

Changed at:

307.79 Hrs.

Date: 12-14-11

Next Change:

807 Hrs.

Date: 12/12

DATE December 18, 2011, TAC time 307.79 Total time 4060.39

Annual inspection completed this date. All cowlings and inspection covers removed. Inspected I/A/W with annual inspection checklist. Washed airframe and engine, Jacked aircraft and checked gear retraction, Replaced vacuum filter RA-D-14-5, fuel strainer kit TFS1, fuel lines part number 156001-6D-0124 and 111F417-6S-0274. Right fuel / Oil temp gage overhauled by Rudy Aircraft Instruments. Welded exhaust, Repaired battery box. ELT checked I/A/W FAR 91.207. Installed new ELT batteries , due replacement March 2016. All AD's complied with see AD compliance record. Aircraft ground run and returned to service.

William Bolton

1A3459086

YEAR:	RECO TACH TIME
--------------	-------------------------------

DATE
3-8-12

33

200 Hrs. recommended (for extended
Life) and, 500 Hrs. mandatory compliance
TC holders maintenance manual.

oved. Inspected I/A/W
nd checked gear
rt number 156001-6D-
raft Instruments. Welded
T batteries , due
craft ground run and

[illegible]

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

AIRframe LOG Tach 352 4/26/12

Removed landing gear hydraulic pump assy,
P/N 105932-EECH, and Replaced with
Pump assy P/N 105932-E, S/N 36515, per
Cessna AMM.
Ops check good.
Robert Edward Serivener ATP 3603162

YEAR:	RECORDING TACH TIME
DATE	

ertificate Number of
her specific entries.)

AirFrame Log N1866Q 8/24/12
Replaced Landing Light P/N Galaxy
4509Q. Serviced tires, battery, inspected
brakes & tires.

Robert Edwin Seven

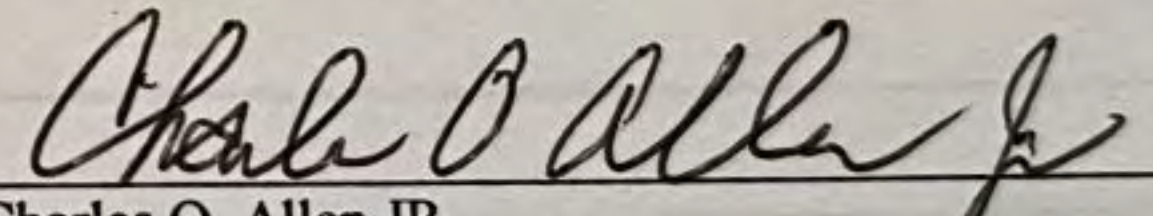
AP 3603/62

HA Page

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	518.8			

March 19, 2014 **LOG BOOK ENTRY** N1866Q
TACH 518.78 TTAF 4271.38 ENGINE SRM: 1062.18

Performed Annual inspection IAW Cessna 177RG Service Manual. Removed inspection plates and check bulkhead areas listed by AD.s Check pulleys for proper operation and cable tension to flight controls . Lubricated trim screw. Checked wheel bearings and for wear. Inspected brakes. Greased fittings where applicable. Performed emergency and normal landing gear check.. Replace Defective nose gear squat switch. Perform ELT test I/A/W FAR 91.207(D)(4). Checked AD listings, checked all exterior lighting for proper operation and checked avionics for applicable ADs. 'No new ADs listed since 2013. Completed routine maintenance and overall inspection as required. Checked aircraft battery . Completed annual inspection.


Charles O. Allen JR
A & P 426401074 IA

100 hr page

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

March 17, 2014 **LOG BOOK ENTRY** N1866Q
TACH 518.78 TTAF 4271.38 ENGINE SRM: 1062.18

I Performed A 100HR inspection IAW Cessna 177RG Service Manual and and appendix "D" of part 43 code of Federal Regulations. Performed emergency and normal landing gear check and cleaned nose gear squat switch. Retested landing gear. Checked AD listings, checked all exterior lighting for proper operation and checked avionics for applicable ADs. No new ADs listed since 2013. Completed 100 hr inspection I inspection and returned to service.

Cecil Bryant Austin
CECIL BRYANT AUSTIN
A&P 1706363

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT
DATE		

APRIL 4, 2014 **LOG BOOK**

REMOVED KMA24, KX170B, KT7
INDICATOR, ALTIMETER, CLOCK

INSTALLED EFD1000 PN 910-000
15281, ANALOG CONVERTER UN
PN 910-0005-004 SN 14727, RSM P
00859-30 SN 22T001337, GMA340P
00813-00 SN 1Z8013684, CGR-30P-

NEW EMPTY WEIGHT: 177
NEW EMPTY WEIGHT CG: 105
NEW USEFUL LOAD: 102
NEW MOMENT: 186

Iterations
Number of
c entries.)

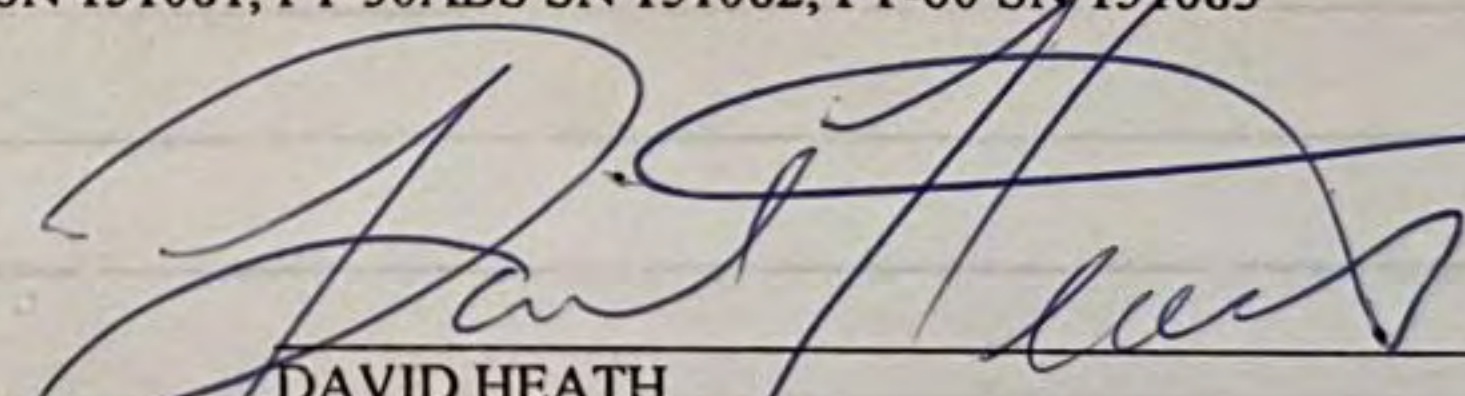
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

APRIL 4, 2014 **LOG BOOK ENTRY** N1866Q TACH 518.78 WORK ORDER # 5427

REMOVED KMA24, KX170B, KT76A, KI214, KI202, DIGITAL TACH, CESSNA ENGINE GAGES, DG, AIRSPEED INDICATOR, ALTIMETER, CLOCK, EGT GAGE, INTERCOM, ST901, ACK A30, WIRES/MOUNTING HARDWARE.

INSTALLED EFD1000 PN 910-0001-001 SN 13406, CONFIG MODULE PN 920-0004-002 SN 14881, RSM PN 910-0003-001 SN 15281, ANALOG CONVERTER UNIT PN 910-0004-001 SN 13827, EFD1000 PN 910-0001-002 SN 13274, CONFIG MODULE PN 910-0005-004 SN 14727, RSM PN 903-0002-001 SN 1665, BACK UP BATTERY PN 413-0002-001 SN 1463, GDL88 PN 010-00859-30 SN 22T001337, GMA340P PN 010-00152-11 SN 96294299, GTX327 PN 010-00188-03 SN 83748633, GTN650 PN 010-00813-00 SN 1Z8013684, CGR-30P-4 SN 151080, EDC-33P-4/6 SN 151081, PT-30ABS SN 151082, FT-60 SN 151083

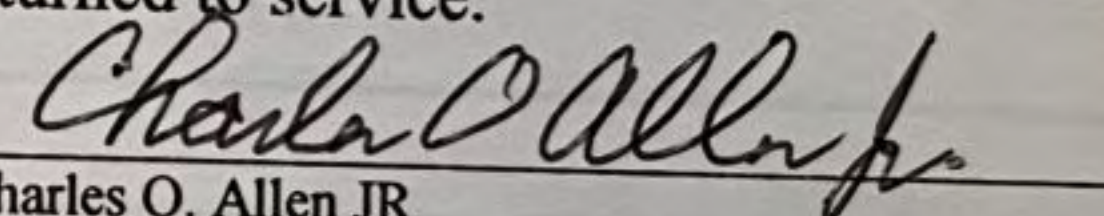
NEW EMPTY WEIGHT: 1770.50
NEW EMPTY WEIGHT CG: 105.11
NEW USEFUL LOAD: 1029.50
NEW MOMENT: 186,089.25


DAVID HEATH
HEATH AVIATION
FAA CRS# HVDR337X

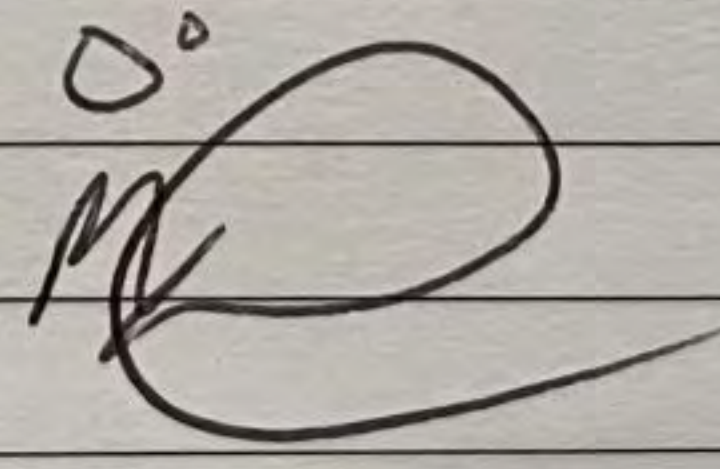
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

March 19, 2014 **LOG BOOK ENTRY** N1866Q McCauley: B2D34C207-B/G78TCA-0
 TACH 518.78 TT: 1142.58 TTSMOH: 292.18

Referencing CFR 43 Appendix D,, I performed and annual inspection on this propeller, replaced the spinner, and checked all ADs for compliance. No new ADs issued since 2013.
 Completed annual inspection. I found the prop airworthy and returned to service.

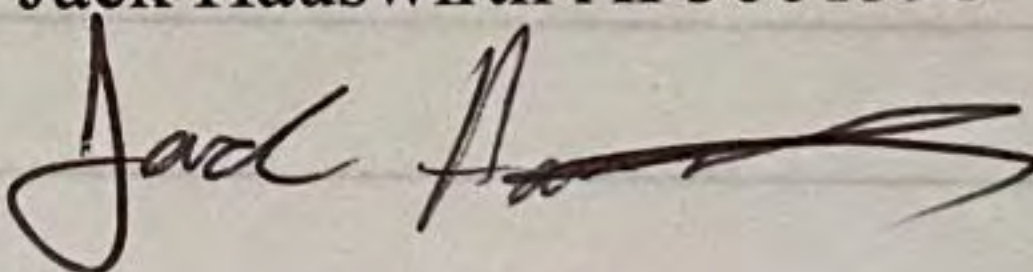
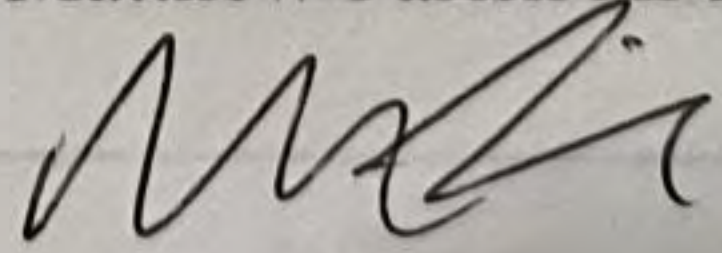

 Charles O. Allen JR
 A & P 426401074 IA

YEAR:	REC TAC TIM
DATE	
5/1	
10/11	
10/13	

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/1				Changed two Main Tires AND OIL w/ Aeroshel 100 plus
10/11				changed oil w/ Aeroshell 100 plus
10/13				VOR Check Jonesboro Airport VOR Check Station 0° 

YEAR: 2014 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				AIRFRAME LOG ENTRY December 12 2014 N1866Q Tach: 97.8 Replaced Landing light P/N 4509. Replaced R/H brake back plate P/N 064-01500. Replaced R&L brake linings P/N 66-105. Bled R/H brakes. Replaced 3 lower cowl lord mounts P/N J7444-14 Matthew Parish AP3249197 <i>Matthew Parish AP3249197</i>
				AIRFRAME LOG ENTRY April 01, 2015 Cessna 177RG N1866Q S/N 177RG0266 April 01, 2015 Tach: 113.7 AFTT: 4385.08 Performed an Annual insp. on this Airframe IAW 14 CFR Part FAR 43 appendix D as applicable. Replace Vacuum induction filter P/N D9-14-1. Replaced vacuum regulator filter P/N B3-5-1. Tested ELT IAW FAR 91.207[d]. Batt. due 3-16. CW AD 86-19-11 fuel sump by insp. next due Pre-Flight. CW AD 11-10-09 by insp. of seat tracks and pins next due 04-2016 or Tach: 213.7 whichever comes first. C/W AD 76-07-12 ignition switch by functional check. Tightened baggage door lock. Zypayed wires up in R/H wing root as needed. Safety wired R&L fuel sending unit hardware. I certify this airframe was insp. IAW an annual insp. and was determined to be in airworthy condition. AD's chk'd thru 2015-07. See compliance sheet. Matthew Parish AP 3249197 IA <i>Matthew Parish AP 3249197 IA</i>

YEAR:	REC TACH
6-20-14	TT: 20.8
Removed oil transducer. P/N PT-100G-A SN-065828. Installed P/N PT 100 GA SN# 158560. Run up and leak check and	

YEAR:	RECORDING TACH -----	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-20-14	TT: 20.8	Removed oil transducer, P/N PT-100 GA SN-065828. Installed P/N PT 100 GA SN# 158560. Run up and leak check good.	ALC AP 3252144 Andrew Cummins	AIRFRAME LOG ENTRY October 28, 2015 N1866Q Tach: 187.6 Removed and replaced propeller control cable with new McFarlane P/N MCC299506-0105. Performed ground run ops. check good at this time. Aircraft returned to service. Jack Hauswirth AP3661398  AP3661398
				AIRFRAME LOG ENTRY November 02, 2015 N1866Q Tach: 192.0 Removed and replaced vacuum pump P/N RAP215CC S/N A59656. Performed ground run ops. check good at this time. Aircraft returned to service. Matthew Parish AP3249197  AP3249197

[illegible]

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number
 Technician or Repair Facility. (See back page for details)

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

AIRFRAME LOG ENTRY November 12, 2015
N1866Q Tach: 195.2

Removed spinner sent to ASEI for repair. Reinstalled spinner after repair W/O# 10581. Replaced one cowl mount P/N J7444-14. Placed aircraft on jacks. Removed R/H wheel. Removed R/H gear leg from aircraft. Replaced brake line orings inside gear leg. Reinstalled gear leg onto aircraft. Reinstalled wheel assembly onto gear leg. Bled brakes and removed aircraft from jacks. Replaced fuel pressure line and fuel divider hose. Tightened nose gear door linkage as needed.

Matthew Parish AP3249197

AIRFRAME LOG ENTRY January 14, 2016
N1866Q Tach: 217.6

Removed cowling to gain access to landing light and alternator. Removed and replaced landing light P/N GE4509. Replaced alternator P/N DOFF10300J. Replaced pitot switch P/N S-1845-1-1. Replaced beacon power supply P/N A490ATS-DF-14/28. Performed ground run system check good at this time.

Matthew Parish AP3249197

AIRFRAME LO
Cessna 177RG
Tach: 286.2 AI

Performed an Annual
appendix D as ap
due 05-18. Repla
filter D9-14-1. Re
sump by insp. nex
next due 05-2017
Ignition Switch by
cowl mounts. Inst
paint. Adjusted R/
hydraulic lines und

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

AIRFRAME LOG ENTRY February 29, 2016
N1866Q Tach: 243.4

Replaced landing and taxi light wires and connectors on cowling.
Aircraft returned to service.

Matthew Parish AP3249197

Matthew Parish AP3249197

AIRFRAME LOG ENTRY May 01, 2016
Cessna 177RG N1866Q S/N 177RG0266
Tach: 286.2 AFTT: 4557.58

Performed an **Annual** inspection on this Airframe IAW CFR 14 Part FAR 43 appendix D as applicable. Tested **ELT** IAW FAR 91.207[d]. Replaced batteries next due 05-18. Replace vacuum regulator filter B3-5-1. Replaced vacuum induction filter D9-14-1. Replaced engine induction filter PN BA5705. CW AD 86-19-11 fuel sump by insp. next due Pre-Flight. CW AD 11-10-09 by insp. of seat tracks and pins next due 05-2017 or Tach 386.2 whichever occurs first. Complied with AD76-07-12 Ignition Switch by functional check next due Tach: 386.2. Replaced 2 left upper cowl mounts. Installed flush patch top R/H side of cowling and applied touch p paint. Adjusted R/H door latch bolt engagement. Installed ADL clamps as need on hydraulic lines under copilot seat. CONT. →

Applied Corrosion X to the inside of the wings, empennage, and tail sections. Adjusted nose gear doors as needed to close fully. Removed left and right door seals and replaced with new PN ADS1200-401-23. Removed and replaced left and right nose wheel bearings PN 08125 and races PN 08231. I certify this airframe was insp. IAW an annual insp. and was determined to be in airworthy condition. AD's chk'd thru 2016-08. See compliance sheet.

Matthew Parish AP3249197 IA

Matthew Parish AP3249197

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
6/10/16	315.0			Removed landing light circuit breaker, Installed new circuit breaker (S1360-20L). Ops chk good Cameron Forester AP3679173 Cameron Forester AP3679173

6/19/16	330.0			TIGHTENED CONNECTIONS AT CIRCUIT BREAKER AND REPAIRED MINOR CHAFFED WIRES, CHECKED MAV WIRING, NO APPARENT CHAFFED WIRES, REPLACED MAV LIGHTS CIRCUIT BREAKER PART # S1360-10L + NUT PART # S2122-1. RANDALL W. HORNE ATP 3336876 Randall W. Horne ATP 3336876
---------	-------	--	--	--

YEAR:

DATE

9/17/16

[illegible]

REQUI
91.4131

(a)

(b)

(c)

(d)

STANDARD CAL DATE: 4-1-16
STANDARD S/N: 170

Static-Aire, Inc.
P. O. Box 116
Trimble, TN 38259-0116
FAA Repair Station # Z6XR216Y

ALTIMETER AND STATIC SYSTEM CERTIFICATION FORM

DATE: <u>10-10-16</u>	A/C Make/Model <u>C-177</u>	N# <u>N1866Q</u>	Field Elev. <u>224</u> Barometer				
W.O. # <u>1017</u>	Owner <u>HALTOM</u>	TECH <u>RS.</u>	Press <u>3023</u>				
At 29.92 Hg A/C reads	<u>-80</u>	Ft. Test Alt reads	<u>-40</u>				
At Field Elevation A/C reads	<u>30124</u>	Test Alt. reads	<u>3023</u>				
Check Points	Test Alt. Correct	Scale Error	Tolerance	Friction	Tolerance	Encoder Error	Tolerance
	<u>-6</u>		30.50		+531		+525
	<u>-3</u>		30.90		+893		+590
	<u>-4</u>		30.99		+974		+970
							+445
							+810
							+890

Form SAI001

under Order

No. 1017

Date 10-10-16

Signed

Roy Smith

(signature of authorized representative)

for

Static-Air Inc.
(Repair Station Name)

Z6XR216Y
(Certificate No.)

P.O. Box 116 Trimble, TN. 38259
(Address)

Form# SAI054

Alterations

umber of
ic entries.)

YEAR

DATE

pliance
ce with
tion and

r station

+10
+10
+10

- ### 5, Repairs and Alterations

[illegible]

September

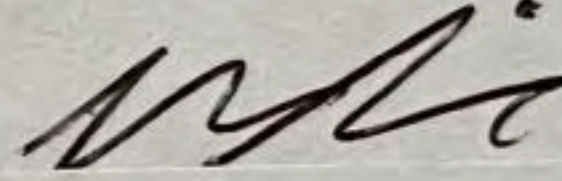
REPLACED
AIRCRAFT

WEIGHT A

Static-Air Inc. Z6XR216Y
(Repair Station Name) (Certificate No.)
P.O. Box 116 Trimble, TN. 38259
(Address)

Form# SAI054

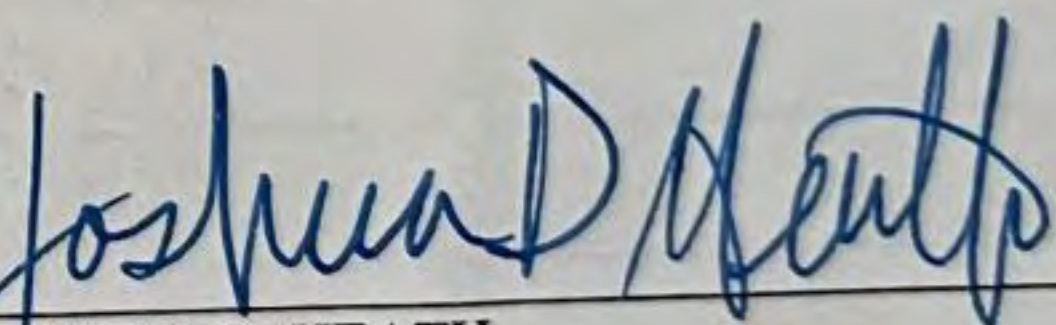
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tries.)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				AIRFRAME LOG ENTRY September 29, 2016 N1866Q Tach: 1457.6
				Jacked aircraft. Removed back seat, carpet, and floor panels as needed. Removed right gear brake pivot fitting. Installed new orings as needed. Bled brakes and set parking brake for 24hrs. Checked for leaks non found at this time. Reinstalled all previously removed items. Replaced gear warning throttle switch P/N S1856- 1. Took aircraft off jacks. Aircraft returned to service.
				Matthew Parish AP3249197 

September 9, 2016 **LOG BOOK ENTRY** N1866Q TACH 1463 WORK ORDER # 6102

REPLACED #1 CHT PROBE AND RECALIBRATED FUEL SYSTEM TESTED FOR FUNCTIONALITY AND RETURNED
AIRCRAFT TO SERVICE

WEIGHT AND BALANCE CHANGE NEGLIGIBLE


JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

AIRFRAME LOG ENTRY December 12, 2016
 Cessna 177RG N1866Q S/N 177RG0266
 Tach: 0.0 AFTT: ~~4682.8~~ 4656.9 ml

This date CGR Tach reading was 1473.6 and was changed to 0.0 at owner's request. Removed Propeller for overhaul. Removed engine from this airframe for overhaul. Removed engine mount. Repaired as needed one lower cowl mount bracket. Replaced 2 cowl mounts as needed P/N J74444-14. Reinstalled engine mount to firewall. Installed overhauled engine onto this aircraft using new isolator mounts P/N J9613-59 and other hardware as needed. Installed overhauled muffler assemblies left and right. Performed ground run checked for leaks made adjustments to idle and idle mixture as needed. See engine log for overhaul details. Work done IAW applicable Cessna and Lycoming MM. Aircraft returned to service after an operational check flight has been made in accordance with FAR 91.409.

RANDALL W. HORNE ATP 3336876
 Randall W. Horne ATP 3336876

YEAR:

DATE

2-9-17

2/22/17

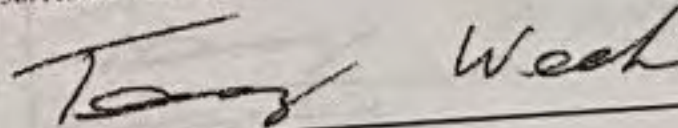
3-28-17

Alterations

Number of
ific entries.)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
2-9-17				Replaced hardware attaching nose gear door to actuator linkage. 1ea. MS20392-2017 1ea. MS35489-34 + 2ea. 91450-3-12-032 ✓✓✓✓✓ AB 3249197
2/22/17				Changed oil & Filter, filter check good. No Metal. Replaced w/ 48108 Filter & serviced w/ 8QTs Mineral oil. ground run good. No leaks Noted Jill Hanger ✓✓✓✓✓ AB 3661398 Jc ✓✓✓✓✓ AB 3661398
3-28-17				Replaced L/H nav lamp P/N A 7512-12 ✓✓✓✓✓ AB 3249197

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
DATE			
2-9-17			
2/22/17			
3-28-17			

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 5481188	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 2573536	
6. Item: 70	7. Description: WASHER	8. Part Number: S1450-3-12-032	9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New
12. Remarks: AUTHORIZED RELEASE DOCUMENT					
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.					
14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.					
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC4		14b. Authorized Signature	
13d. Name (Typed or Printed): TERRY WEEKS		13e. Date (dd/mm/yyyy): 07/Feb/2017		14c. Approval/Certificate No.	
14d. Name (Typed or Printed)					
14e. Date (dd/mm/yyyy)					
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					
FAA Form 8130-3 (02-14)					
NSN: 0052-00-012-9000					

4-1512-12 ~~3249197~~

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections. Tests. Repairs and Alterations
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DATE

MARCH 29, 2017 **LOG BOOK ENTRY N1866Q** TACH TIME 44.2 WORK ORDER # 6232

REMOVED FAULTY GMA340P P/N 011-00401-10 S/N 96294299 SENT TO GARMIN FOR REPAIR. REINSTALLED, TESTED FOR FUNCTIONALITY AND RETURNED AIRCRAFT TO SERVICE.

WEIGHT AND BALANCE CHANGE NEGLIGIBLE

Michael Jacks
 MICHAEL JACKS
 HEATH AVIATION
 FAA CRS# HVDR337X

AIRFRAME LOG ENTRY June 01, 2017
 Cessna 177RG N1866Q S/N 177RG0266
 Tach: 63.8 AFTT: 4720.7

Performed an **Annual** inspection on this Airframe IAW CFR 14 Part FAR 43 appendix D as applicable. Tested **ELT** IAW FAR 91.207[d]. Batteries next due 05-18. Replace vacuum regulator filter B3-5-1. Replaced vacuum induction filter D9-14-1. Replaced engine induction filter PN BA5705. CW AD 86-19-11 fuel sump by insp. next due Pre-Flight. CW AD 11-10-09 by insp. of seat tracks and pins next due 06-2017 or Tach 386.2 whichever occurs first. Replaced pilot side left seat track P/N MC2011015-5. Complied with AD76-07-12 Ignition Switch by functional check next due Tach: 163.8. Replaced 1 cowl mount P/N J7444-14. CONT. →

Replaced throttle cable P/N MC299505-0401. Repaired left muffler support bracket. Replaced overhead fuel crossover vent lines. Replaced stall/gear warning circuit board assembly P/N 1270075-1. I certify this airframe was insp. IAW an annual insp. and was determined to be in airworthy condition. AD's chk'd thru 2017-10 See compliance sheet.

Matthew Parish AP 3249197 IA
Matthew Parish

YEAR: RE TA TI

DATE 8/31/17 7

JUNE 28,

EXCHANG 9710234 T

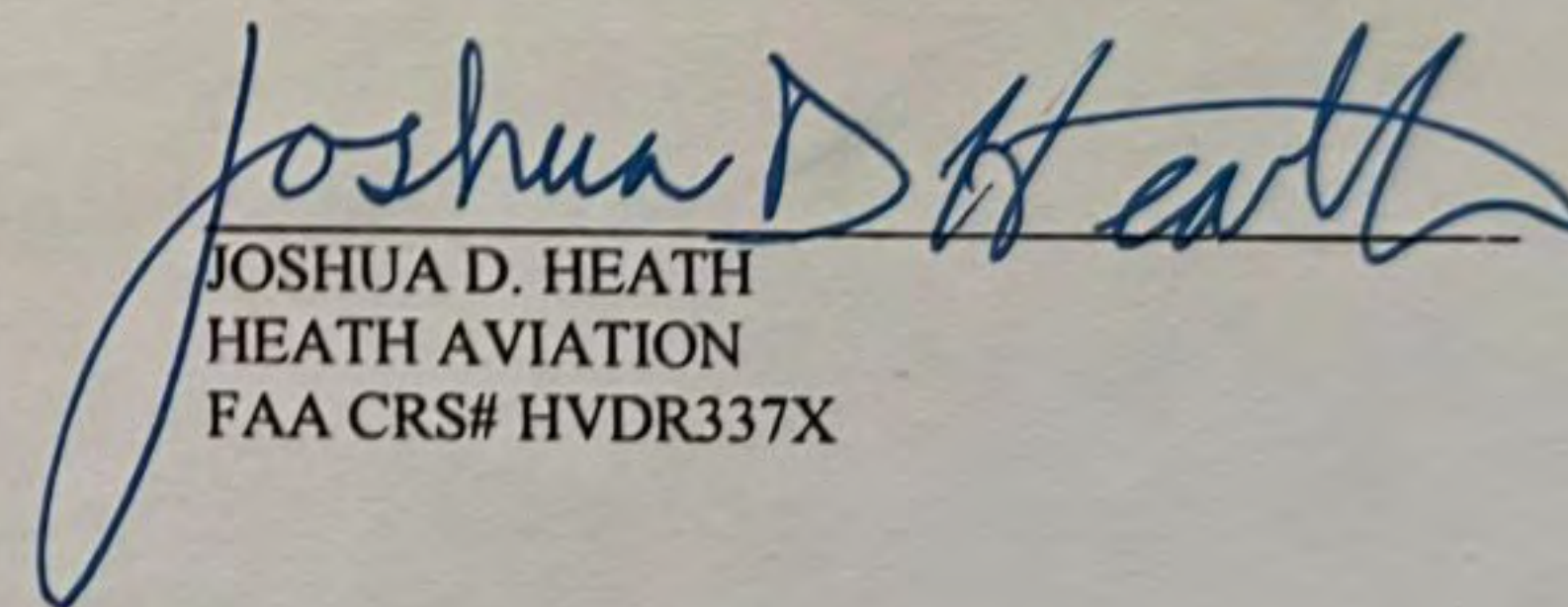
WEIGHT A

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
8/31/17	79.7			Cleaned contacts on right nav light. Ops

JUNE 28, 2017 **LOG BOOK ENTRY** N1866Q TT: 1533.2 WORK ORDER # 6263

EXCHANGED FAULTY ASPEN EFD1000 P/N 910-00001-002 S/N 13406 WITH ASPEN EFD1000 P/N 910-00001-01 S/N 9710234 TESTED FOR FUNCTIONALITY AND RETURNED AIRCRAFT TO SERVICE.

WEIGHT AND BALANCE CHANGE NEGLIGIBLE


 JOSHUA D. HEATH
 HEATH AVIATION
 FAA CRS# HVDR337X

ORDER # 6232

INSTALLED, TESTED

acks

repaired left muffler support bracket.
replaced stall/gear warning circuit
frame was insp. IAW an annual
inspection. AD's chk'd thru 2017-10.

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
8/31/17	79.7			Cleaned contacts on right nav light. Ops chk good. Replaced left & right gear downlock supports (2041017-43, 2041017-44). Re-rigged main gear per applicable Cessna maintenance manual. Ops chk good Cameron Forester AP3679173 Cameron Forester AP3679173
9/18/17	87.3			Removed compass. Replaced seals (C21, CB ^{CF} CB 21-915G) + filled w/ fluid. Reinstalled compass Cameron Forester AP3679173 Cameron Forester AP3679173

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) Cessna 177RG N1866Q S/N 177RG0266 Tach: 184.0 AFTT: 4840.9 July 10, 2018 MP Performed an Annual inspection on this Airframe IAW CFR 14 Part FAR 43 appendix D as applicable. Tested ELT IAW FAR 91.207[d]. Replaced batteries next due 07-2019. Replaced engine induction filter PN BA5705. CW AD86-19-11 fuel sump by insp. next due Pre-Flight. CW AD11-10-09 by insp. of seat tracks and components next due 07-2019 or Tach 284.0. AD76-07-12 Ignition Switch by functional check next

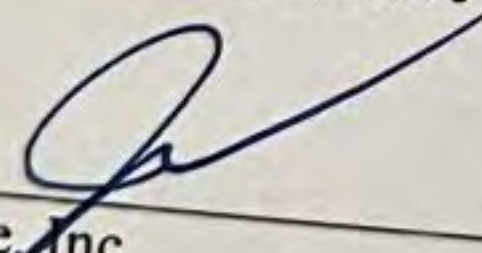
MAINTENANCE RECORD			
Date:	February 7, 2018	Page 1 of 1 Pages	Reg. No: N1866Q
Aircraft:	Cessna 177RG	Serial #: 177RG0266	Engine Hours 139.3

The below listed items were accomplished in accordance with Cessna 177 Aircraft Maintenance Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's.

Work Order 041808827

- [001] Removed damaged battery, battery contactor, ground service contactor, and associated wiring. Fabricated and installed new cables PC1, PC2, PC5, PC4, PA5, and PA1. Installed the following new parts: Ground Service Contactor p/n P52-0034, Resistor p/n VL7-.75, Board Assembly Diode p/n 1570043-3, Battery Ground Strap p/n 0412007-1, Diode p/n 1N3881, Battery Contactor Assembly p/n P52-0034-1, Battery Contactor Diode Assembly p/n 0770728-1, and Battery p/n RG-35AXC s/n 40913509.
- [002] Strobe Light, Lower: Removed inoperative strobe p/n 30-0437-1 s/n 16805 and installed a new alternate Whelen strobe light assembly p/n 01-0770030-01.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed 
Central Flying Service, Inc
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 975-9596

YEAR:	RECORDING TACH TIME
DATE	
4/15/18	222.2

NOVEMBER 2

EXCHANGED FA
UPDATED SOFTW
GTN 650 S/N 1Z80
GDL 88 S/N 22T00
GTX 327 S/N 8374

WEIGHT AND BA

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YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
DATE			

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Cessna 177RG N1866Q S/N 177RG0266
Tach: 184.0 AFTT: 4840.9

July 10, 2018 MP

Performed an Annual inspection on this Airframe IAW CFR 14 Part FAR 43 appendix D as applicable. Tested IAW FAR 91.207[d]. Replaced batteries next due Replaced engine induction filter PN BA5705. CW AD86-19-11 fuel sump by insp. next due Pre-Flight. CWAD11-10-09 by insp. of seat tracks and components next due 07-2019 or Tach 284.0 whichever occurs first. Complied with AD76-07-12 Ignition Switch by functional check next due Tach: 284.0. Replaced left Aspen MFD backup battery EBB58 per Aspen ICA's. Next replacement 07-2021 or Tach 2384 whichever occurs first. Replaced left brake linings P/N RA066-10500 2ea. Replaced zerk fitting on nose gear. Adjusted left and right main gear down locks per Cessna MM. Replaced lower left cowl mount P/N J7444-14. Repaired oil cooler mounting bracket. I certify this airframe was insp. IAW an annual insp. and was determined to be in airworthy condition. AD's chk'd thru 2018-12. See compliance sheet.

Matthew Parish AP 3249197 IA

MP

Replaced prop governor w/ overhauled unit (C290D2J/T11, Quality Aircraft Accessories w/o: 941034). No leaks at this time

Cameron Forster AP3679173

~~Cameron Forster~~ AP3679173

YEAR:	RECORDING TACH TIME
DATE	

4/15/18 222.2

NOVEMBER 28, 2

EXCHANGED FAULT
UPDATED SOFTWARE
GTN 650 S/N 1Z80136
GDL 88 S/N 22T00133
GTX 327 S/N 8374863

WEIGHT AND BALANCE

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Alterations

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Pre-Flight.

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YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
9/15/18	222.2			Adjusted throttle cable & replaced damaged

NOVEMBER 28, 2018 LOG BOOK ENTRY N1866Q TT: 257.2 WORK ORDER # 6761

EXCHANGED FAULTY COOLING FAN FOR GTN 650 S/N 1Z8013684

UPDATED SOFTWARE ON THE FOLLOWING UNITS:

GTN 650 S/N 1Z8013684 S/W TO VERSION 6.51 PER GARMIN SERVICE BULLETIN NO.: 1879 Rev A.;

GDL 88 S/N 22T001337 S/W TO VERSION 3.41 PER GARMIN SERVICE BULLETIN NO.: 1809 Rev A.;

GTX 327 S/N 83748633 S/W TO VERSION 2.13 PER GARMIN SERVICE BULLETIN NO.: 1744 Rev A.

WEIGHT AND BALANCE CHANGE NEGLIGIBLE

Joshua D. Heath
JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

Repairs and Alterations

and Certificate Number of
for other specific entries.)

4 Part FAR 43 appendix D as
ies next due REPLACED Replaced
up by insp. next due Pre-Flight.
due 07-2019 or Tach 284.0
switch hv functional check next

N1866Q
139.3

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's.

abricated and installed
ce Contactor p/n P52-
12007-1, Diode p/n
70728-1, and Battery

ternate Whelen strobe

ft has been approved

CRS No. HBKR587E
FAX (501) 975-9596

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YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
9/16/18	222.2			Adjusted throttle cable & replaced damaged intake SCAT hose. Removed & repaired copilot's seat back latch mechanism. Reinstalled latch latch mechanism. Ops chk good. Cameron Forester AP3679173 Cameron Forester AP3679173
01/29/2019	Tach: 277.6			Inspected cabin heat system. Replaced scat hose attaching one muffler to the next. Repaired air duct on ^{co} pilot side at rudder pedals. <i>[Signature]</i> AP3249157
3/20/19	285.5			C/W AD 11-10-09 seat tracks by insp. Next due 3-2020 or Tach 385.5 hrs. C/W AD 76-07-12 Ignition switch by function chk. Next due Tach: 385.5 hrs. Adjusted mixture cable. Cameron Forester AP3679173 Cameron Forester AP3679173

SENSITIVE
ACT

STANDARD CAL DATE: 4-5-19
STANDARD S/N: 170

Static-Aire, Inc.
P.O. Box 116
Trimble, TN 38259-0116
FAA Repair Station # Z6XR216Y

ALTIMETER AND STATIC SYSTEM CERTIFICATION FORM

DATE: 5-4-19 A/C Make/Model C-177 N# N1866A
W.O. # 1263 Owner 1866 Q LLC TECH RS
At 29.92 Hg A/C reads +160 Ft. Test Alt reads +175
At Field Elevation A/C reads 3000 Test Alt. reads 2998

Check Points	Correct Test Alt.	Scale Error	Tolerance	Friction	Tolerance	Encoder Error	Tolerance
-1000	+10	-10	20	x	X	x	X
0	-10	-16	20	x	X	✓	125
500	0	-10	20	x	X	x	X
1000	0	-5	20	—	70	✓	125
1500	0	-10	25	x	X	x	X
2000	0	-10	30	—	70	✓	125
3000	0	-20	30	—	70	x	X
4000	0	-20	35	x	X	✓	125
6000	0	-20	40	x	X	✓	125
8000	-10	-10	60	x	X	x	X
10000	-30	0	80	—	80	✓	125
12000	-40	0	90	x	x	x	x
14000	-40	+10	100	X	X	✓	125
15000	—	—	100	—	X	✓	125
16000	-50	+20	110	x	X	x	X
18000	-60	+10	120	x	X	x	X
20000	-100	0	130	—	100	✓	125
22000			140	x	X	x	X
25000		Case Leak 18K	155		120	x	X
30000		✓	180		140		125
35000			205		160		125

Hysteresis: Check Point 50%

After effect error +10 + - 30 ft. Error + - 75 ft. 40% -20 Error + - 75 ft.
Pressure Altitude Difference Static system leak rate fpm + - 100

Pressure Altitude Difference	Pressure (IN of HG)	Altitude Difference (ft)	Computed Reading	Altitude Reads
-7	28.10	-1727	-1720	-1560
0	28.50	-1340	-1340	-1180
+7	29.00	-863	-870	-710
+8	29.50	-392	-400	-240
0	29.92	0	0	+160
-1	30.50	+531	+530	+690
+2	30.90	+893	+895	+1055
+6	30.99	+974	+980	+1150

Form SA1001

R 91.411, and FAR

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3748633 from
ENDIX

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43 APPENDIX E.
13.1325.
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Chapter 12

Form # SAI050

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for

1054

YEAR:

RECORDING
TACH
TIME

DATE

AIRFRAME
N1886Q

Replaced le
tube P/N 30

Matthew Pa

AIRFRAME LOG
Cessna 177RG N
Tach: 337.6 AFT

Performed an Annu
Tested IAW F
BA5705 CW AD8
and components nex
by functional check
corrosion treatment
overhauled unit from
brakes as needed. I
airworthy condition.

Matthew Parish AP

REQUIREMENTS OF FAR 23.1325, FAR 91.217, FAR 91.411, and FAR 91.413 have been accomplished as follows:

- (a) Removed Transponder Manufacture GARMIN,
Model GTY 327 Serial Number 83748633 from
aircraft. Transponder certified IAW FAR 43 APPENDIX
F. Reinstalled Transponder.
- (b) ~~Removed~~ Altimeter Manufacture ASPEN,
Model EFD 1000 Serial Number 9710234 from
aircraft. Altimeter certified to 20,000 feet IAW
FAR 43 APPENDIX E. ~~Reinstalled~~ Altimeter.
- (c) Performed correspondence check to 20,000 FT for
encoder Manufacturer ASPEN, Model EFD-1000,
Serial number 9710234 IAW FAR 43 APPENDIX E.
- (d) STATIC SYSTEM CERTIFIED AS PER FAR 23.1325.
- (e) Removal and Reinstallation of Transponder(s) and Altimeter(s)
Accomplished with Reference to AC 43.13-1B Chapter 12
Sec. 1, 2 & 3.

"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was inspected in accordance with current regulations of the Federal Aviation Administration and is approved for returned service.

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

No. 1263 Date 7-9-19

Signed Roy Smith for
(signature of authorized representative)

Static-Air Inc. (Repair Station Name)
780 Mason Hall Rd. Trimble, TN. 38259 (Address)

Form# SAI054

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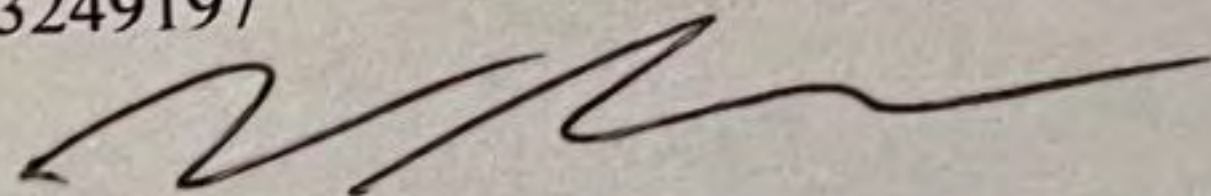
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE

AIRFRAME LOG ENTRY June 12, 2019
N1886Q

Replaced left and right tire and tubes. Tire P/N301-249-068 2ea
tube P/N 302-246-401 2ea

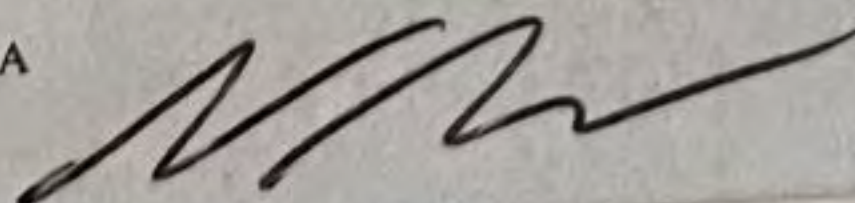
Matthew Parish AP3249197



AIRFRAME LOG ENTRY August 16, 2019
Cessna 177RG N1866Q S/N 177RG0266
Tach: 337.6 AFTT: 4994.5

Performed an Annual inspection on this Airframe IAW CFR 14 Part FAR 43 appendix D as applicable.
Tested IAW FAR 91.207[d]. Replaced batteries next due. Replaced engine induction filter PN
BA5705. CW AD86-19-11 fuel sump by insp. next due Pre-Flight. C/W AD11-10-09 by insp. of seat tracks
and components next due 08-2020 or Tach 437.6 whichever occurs first. C/W AD76-07-12 Ignition Switch
by functional check next due Tach: 437.6. C/W SEL-57-07 Carry Thru Spar by visual inspection and
corrosion treatment only no defects were found at this time. Replaced Hydraulic Power Pack with
overhauled unit from Aerospace Turbine Rotables P/N 105932-E S/N AH-5862 W/O WO141770. Bled
brakes as needed. I certify this airframe was insp. IAW an annual insp. and was determined to be in
airworthy condition. AD's chk'd thru 2019-16. See compliance sheet.

Matthew Parish AP3249197 IA



A2Z AVIATION

TACH SHOWS 1763

N1866Q

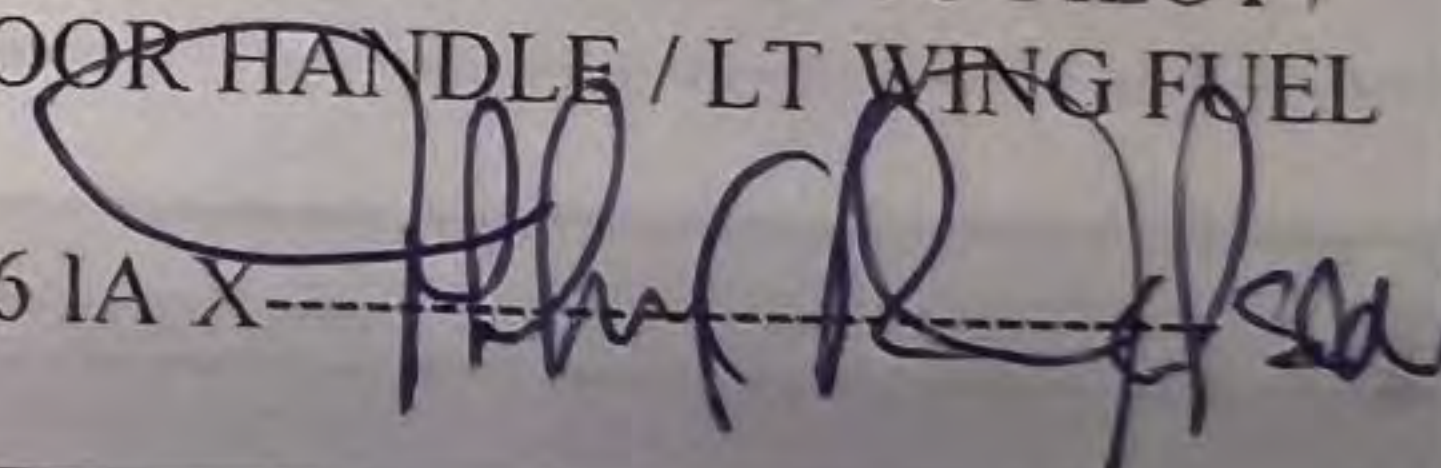
AIRFRAME

2-8-2020

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tries.)

INSTALL THE FOLLOWING: NEW SKYBOLT SK 2003-42A GEN IV
KIT (STC SA3286SO) I/A/W SKYBOLT INSTRUCTIONS SK4177-42A DOC
DATED JUNE 20, 2017 / DOOR STEWARDS MVA-177C10M&O (STC SA01120SE)
I/A/W INSTALATION INSTRUCTIONS REV SEP 1, 2006 SECTION A-F /
NEW FUEL PUMP P/N 4140-00-17CJ S/N 17807-17811 (SEE 8130-3 # 302367)
REPAIR THE FOLLOWING: STABILATOR RT SIDE UPPER AND LOWER SKIN
WITH SAME P/N 1732003-6 / REMOVE ALL SKINS FROM RT SIDE AND
CLEAN ALL CORROSION FROM RIBS ,SPAR AND NOSE RIB ASSEMBLY AND
TREAT WITH ALODINE & ETCHING PRIMMER / TOP COATED WITH SAME W
WHITE PAINT (MATTERHORN TINTED) ALL STABILATOR WORK WAS DONE
I/A/W CESSNA CARDINAL RG SERIES SERVICE MANUAL D991-3-13-RPC-150
9/88 CHANGED 1 SEPT 1974 SECTION 8 -6 (REMOVE AND INSTALL) SECTION
9 (TRIM CONTROL) RIGGING OF STABILATOR WAS CHECKED AND WAS
FOUND NORMAL / REPAIR THE FOLLOWING:IGNITION SWITCH (REPLACE
KEY) / ADJUST RIGHT SIDE CENTER COWL / RT SIDE HEATER HOSE ATTACH
/ NOSE GEAR BUMPERS / BAGGAGE DOOR SPRING / SCREW AND RETAINER
#1 CYLINDER BAFFLE / NEW COWLING SEALS / TUBING FOR AUTO PILOT /
TOP SCISSOR BOLT REPLACED / REPAIR RT DOOR HANDLE / LT WING FUEL
VENT LINE SECURED /

JEFF JOHNSON #3676526 1A X



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

H&L Aircraft Service, Inc. KRYV
 1765 McCollum PKWY (770) 427-5400
 Kennesaw, Ga. 30144

N1866Q Date: 10/1/2020 Tach: 398.1 TTAF: 4681.4

I Certify that this aircraft has been inspected in accordance with an annual inspection and is considered to be in airworthy condition. ELT inspected and tested in accordance with FAR 91.207 (d) battery pack expires Mar. 2027
 Opened access panels, inspected and lubricated. Serviced battery. Cleaned fuel screen and inspected brakes. Lubricated gear fittings. Cleaned, inspected and greased all wheel bearings. Jacked aircraft, cycled gear and performed emergency extension. Removed and replaced the following: induction air filter BA-5705, nose gear door bearings S1896-4L1, forward engine baffle seal, one fuel supply hose in engine compartment, fuel strainer bowl seals and plunger, vacuum regulator filter. Installed original saddles and removed main landing gear saddles and sent out to be re-lined by Aviation Plus Services, LLC. Tighten starter power wire post. Weld adjusted main gear per maintenance manual. Adjusted Gear warning micro switch cam. Secured left landing light in mount. Cleaned repaired carb. Air box as needed. Installed missing lock nut on stabilizer rod bolt. Removed headliner and secured two SCAT ducts acid from battery box and connected drain hose. Re-glued baggage door seal. Cleaned, alodine, primed and Cor-bond to not touch center wing carry thru spar. Inspected center wing carry thru for corrosion. Ground ran engine, operational check normal.
 C/W AD 2011-10-09 by inspection of seats and tracks, due again @ 498.1 tach.
 C/W AD 76-07-12 by operational check of ignition switch, due again @ 498.1 tach.
 C/W AD 86-19-11 by inspection of fuel sump, due again @ next pre-flight.
 C/W AD 2015-19-07 by inspection of seats and tracks, due again @ 498.1 tach.

FUEL INJECTOR LINES
 AND CLAMPS (MP)

Mark Pfister

A&P 2645423 IA

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Registration # N1866Q
 Make Cessna
 Model 177RG
 Serial # 177RG0266
 Work Order # 14020

Hobbs --
 Tach 436.4
 AFTT --

AIRFRAME

GEORGIA AVIONICS
 CRS# GX4R222M

841 Ronald Wood Road, Suite B, Winder, GA 30680

- The altimeter and static system tests required by FAR Part 91.411 have been accomplished.
The primary altimeter was tested to an altitude of 20,000 feet and found to comply with FAR 91.411.
The standby altimeter was tested to an altitude of 20,000 feet and found to comply with FAR 91.411..
- The ATC transponder was tested and inspected and found to comply with FAR 91.413.

Aaron Burkhardt

Aaron Burkhardt
 CRS# GX4R222M

6-Nov-20
 Date

Registration # N1866Q
 Make Cessna
 Model 177RG
 Serial # 177RG0266
 Work Order # 14020

Hobbs --
 Tach 436.4
 AFTT --

AIRFRAME

GEORGIA AVIONICS
 CRS# GX4R222M

841 Ronald Wood Road, Suite B, Winder, GA 30680

- Removed Aspen EFD 1000 MFD P/N 910-00001-002 S/N 13274. Unit rebuilt by Aspen Avionics (W/O 7531661).
Reinstalled "rebuilt" EFD 1000 MFD P/N 910-00001-002 S/N 13274. Operational check good.

Aaron Burkhardt

Aaron Burkhardt
 CRS# GX4R222M

6-Nov-20
 Date

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE

Registration # N1866Q
 Make Cessna
 Model 177G
 Serial # 177RG0266
 Work Order # 14071

Hobbs --
 Tach 442.2
 AFTT --

AIRFRAME LOG



1 Removed battery from PFD Aspen P/N 409-00003-001 (Rose Electronics P/N EPG-1033 Rev. M) S/N 170800052. Installed new PFD backup battery P/N 409-00003-001 S/N 204200077. Operational check OK.

*****END*****

All work has been performed in accordance with current FAA Regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above.
 This airframe is approved for return to service with respect to work performed.

Aaron Burkhardt
 Aaron Burkhardt AP 2887269

20-Nov-20
 Date

H&L Aircraft Service, Inc.
 1765 McCollum PKWY
 Kennesaw, Ga. 30144
 KRYV
 (770) 427-5400

N1866Q Date: 3/2/2021 Tach: 462.4
 Cessna 177RG Serial No. 177RG0266

Removed propeller and sent to Sensenich Propeller Service, Inc. for overhaul. Propeller overhauled under Work Order # G27146, see 8130-3 dated March 1, 2021. Installed propeller on this aircraft with new O-ring seal, torqued mounting bolts and safetied. Ground run engine. Operational check and leak check normal.

Mark Pfister
 Mark Pfister

A&P 2645423 IA

YEAR:

DATE

3/2/21

4/3/21

4

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				H&L Aircraft Service, Inc. 1765 McCollum PKWY Kennesaw, Ga. 30144 KRYV (770) 427-5400
3/2/21			N1866Q	Date: 3/2/2021 Tach: 462.4 Changed oil and filter. Serviced with 8 QT. Aeroshell 15W50 and a CH48108-1 filter. Washed engine and ground run. No leaks noted.
				A&P 2645423 IA Mark Pfister
4/3/21	473	KRMG	1987	VOR check @ KRMG Non checkpoint. 115.4 on 340° R. Accurate @ 340° - ϕ deflection. Chris M. Anderson Chris M. Anderson owner/pic # 3918470
4				

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE

Registration # N1866Q
 Make Cessna
 Model 177RG
 Serial # 177RG0266
 Work Order # 14067

Hobbs --
 Tach 1875.2
 AFTT --

AIRFRAME

GEORGIA AVIONICS
an AVIATIONAL company

CRS# GX4R222M

841 Ronald Wood Road, Suite B, Winder, GA 30680

- 1 Removed the following equipment: Garmin GNC300XL GPS/COM P/N 011-00433-00 S/N 95102444, Garmin GA56 GPS antenna P/N 011-00134-00 S/N 59059692. Installed the following equipment: Garmin GNC355 GPS/COM P/N 011-04956-00 S/N 5YR002394, Garmin GA35 GPS antenna P/N 013-00235-00 S/N 199152. The Garmin GNC355 GPS/COM was installed in accordance with Garmin STC SA02636SE and Garmin GNC 355 Part 23 AML STC Installation Manual P/N 190-02207-A5 Rev 3. Reference Garmin GPS 175/GNX 375/GNC 355 Part 23 AML STC Maintenance Manual P/N 190-02207-A2 Rev 2 or later for Instructions for Continued Airworthiness.
 - 2 Installed new RG-400 coax and connectors for Com #1 and Com #2. Performed SWR check of antennas and coax- good. Interfaced GTN and GDL HSDB with new ethernet cable.
 - 3 Interfaced and configured Garmin GDL88 with Aspen EFD1000 MFD to allow ADS-B traffic and weather display on MFD. Performed ADS-B display feature unlock on Aspen EFD1000 MFD. ADS-B now displaying correctly on EFD1000 MFD.
- *****END*****

All work has been performed in accordance with current FAA Regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above.
 This airframe or component is approved for return to service with respect to work performed..


 Andrew Woods
 CRS# GX4R222M

1-Apr-21
 Date

YEAR: RECORDING
TACH
TIME

DATE

5/2/21

6/18/21

6/25

9059692.
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N 190-02207-A5
ed Airworthiness.
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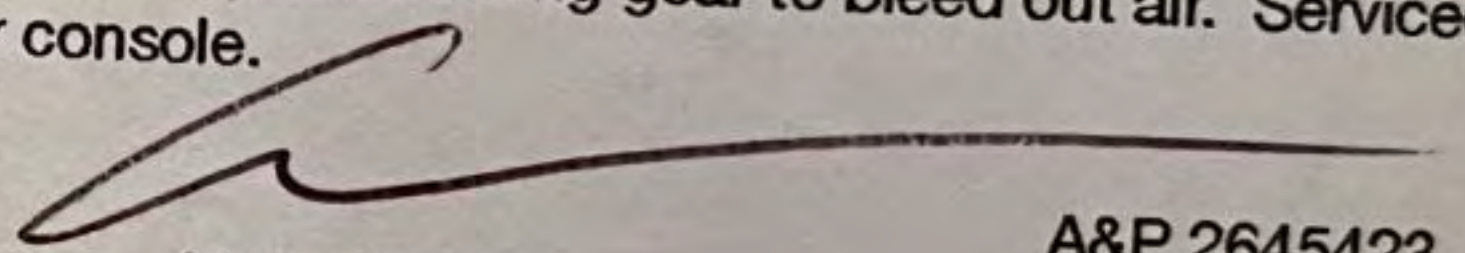
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				H&L Aircraft Service, Inc. KRYV 1765 McCollum PKWY (770) 427-5400 Kennesaw, Ga. 30144
		N1866Q	Date: 4/23/2021	Tach. Hrs. 1889.4 Engine Hrs. 487.9
				Complied with the following ADs: AD 2011-10-09 by inspection of seats and tracks, due again @ tach hrs. 1989.4 AD 2015-19-07 by inspection of fuel injector lines and clamps, due again @ tach hrs. 1989.4 AD 76-07-12 by operational check of ignition switch, due again @ tach hrs. 1989.4 AD 86-19-11 by inspection of fuel sump, due again @ next pre-flight.
				 A&P 2645423 IA Mark Pfister
2/21				VOR✓ 348 FR @ KRNG ✓point. NO ERROR Ch h PIC # 3918470
18/21				VOR✓ 348 FR @ KRNG ✓point. NO ERROR Ch h PK # 3918470
25/21				VOR✓ 348 FR @ KRNG ✓point φ error Ch h 3918470

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

H&L Aircraft Service, Inc. KRYV
 1765 McCollum PKWY (770) 427-5400
 Kennesaw, Ga. 30144

N1866Q Date: 8/4/2021 Tach. Hrs. _____ Engine Hrs. 540.0

Jacked aircraft. Removed center console. Removed nose gear actuator due to heavy leak from actuator shaft seal. Disassembled actuator and changed three seals. Assembled actuator and installed with two new hydraulic supply hoses. Changed two hydraulic supply bulkhead fittings with new AN833-4D. Cycled landing gear to bleed out air. Serviced power pack with MIL-5606 fluid. Operational check normal. Installed center console.


 Mark Pfister A&P 2645423

8/7/21	7:26 Am		VOR ✓	airborne RUG 357 radial J1X6U fix & deflection <i>Chht</i>

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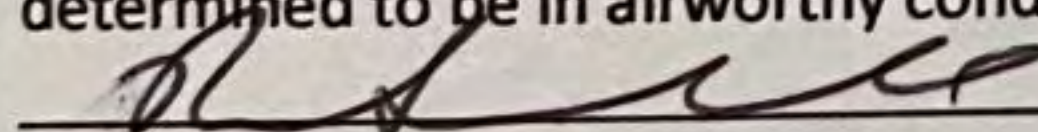
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Aviation Plus LLC
262-656-1260
Aviationplusllc.com

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entries.)

11/06/2021 N1866Q Tach 559 TTAF 4842

Replaced airfilter element. Secured starter were to oil sump. Fuel line hose from transducer to servo shortened and rerouted to clear exhaust. Replaced nose door arm hardware with clevis pins. Replaced squat switch wiring and protected with clear tubing. Repaired throttle cam and rigged switch. Replaced O-rings in left brake swivel and gear leg. Bled both brakes. Replaced left brake rotor due to corrosion chips. Replaced all brake pads. Flipped right tire for wear. Reinstalled gear warning box after replacing transistors to improve tone of gear warning. Secured prop cable to governor bolt. Repaired both door upper wedges and replaced all door pins. Repaired right door inner handle spindle. Repaired left window crank with one washer and new roll pins. Taped flap outboard and stab inboard end holes for bird's nest prevention. Replaced stab pivot bolts and nuts to castellated style. Replaced stab trim tab heim rod end. Rigged stab for full control travel. Rigged ailerons for level position. Tightened right yoke bolts. Bucked loose rivets in inboard wing skin to spar. Replaced APU cover SouthCo fasteners. Made doubler for right inboard flap bellcrank stringer to rib. Checked fuel vent for obstructions. Replaced both wing air inlet aeroduct hoses. Replaced starter contactor boots. CW AD 11-10-09 seats and rails, visual and dimensional checks, due 100hr/annually. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. ELT battery 03/27. ELT checked per FAR91.207(d). All routine items checked per inspection sheets. FAR43 APP D. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

 Robert Russell 3411885IA

ht
3970



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

H&L Aircraft Service, Inc. KRYV
 1765 McCollum PKWY (770) 427-5400
 Kennesaw, Ga. 30144

N1866Q

Date: 1/21/2022

Tach. Hrs. 574.9

Jacked aircraft. Removed and replaced o-ring seal MS28778-4 in one fitting on nose gear actuator. Cycled landing gear to bleed out air. Serviced power pack with MIL-5606 fluid. Operational check normal. No leaks noted.
 Removed and replaced front windshield with new PL Aero P/N 329.250 in accordance with STC SA00382NY installation instructions. See form 337. Revised aircraft Weight & Balance. Removed and replaced rear window with new LP Aero P/N 529 UV-sg Installed with new solid rivets. Applied external sealant to front and rear windows. Installed new magnetic compass on glare shield, swing compass and completed new compass correction card. Recovered glare shield. Adjusted co-pilot stainless steel door striker. Adjusted stabilator control cables and auto pilot bridal cables separately per service manuals.

Mark Pfister

A&P 2645423

YEAR:

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YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

ACFT SN # 177RG 0266		Altimeter / Static System Certification		TACH 1981.1	Hours 589.9				
Merlin's Avionics Service Tel: (615) 305-1186 1045 RoundTree Drive Gallatin, Tennessee 37066		Work Order No. 535 Acft.Reg.No. N1866Q							
FAA CRS #Z6MR586Y MAS Form #4		Acft Type C-177RG Altimeter Position #1							
		Altimeter P/N# Aspen EFD1000 S/N# 9710234							
		Date 9-27-22 Signed Merlin Gunguly							
Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff. (Tol. 25 Ft.)
-1000	-1000	20	14,000	13985	100	1K	NA	70	28.10 -1727 -1727
0	0	20	16,000	15980	110	2K		70	28.50 -1340 -1340
500	500	20	18,000	17980	120	3K		70	29.00 -863 -863
1000	1000	20	20,000	19980	130	5K		70	29.50 -392 -392
1500	1500	25	22,000		140	10K		80	29.92 0 0
2000	2000	30	25,000		155	15K		90	30.50 531 531
3000	3000	30	30,000		180	20K		100	30.90 893 893
4000	4005	35	35,000		205	25K		120	30.99 974 974
6000	6000	40	40,000		230	30K		140	
8000	8000	60	45,000		255	35K		160	
10,000	9990	80	50,000		280	40K		180	
12,000	11980	90				50K		250	
Hysteresis: 1st Test Point @ 50% of Max.Alt. (Tol. 75 Ft.)						NA		After Effect (Tol. 30 Ft.)	
2nd Test Point @ 40% of Max.Alt. (Tol. 75 Ft.)						NA		0	
This Altimeter / Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.									

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Transponder Certification

Merlin's Avionics Service Tel: (615) 305-1186
 1045 RoundTree Drive Gallatin, Tennessee 37066
 FAA CRS #Z6MR586Y MAS Form #3

Work Order No. 535 Acft.Reg.No. N1866Q
 Aircraft Type C-177RG Txpond Position #1
 Txpond P/N# GTX327 S/N# 83748633

Check Box if Mode S ()

I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.

Date 9-27-22

Signed Merlin Singly

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tries.)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

H&L Aircraft Service, Inc. KRYV
1765 McCollum PKWY (770) 427-5400
Kennesaw, Ga. 30144

N1866Q Date: 12/2/2022 Tach: 596.6 TTAF: 4879.6

I Certify that this aircraft has been inspected in accordance with an annual inspection and is considered to be in airworthy condition. ELT inspected and tested in accordance with FAR 91.207 (d), battery pack expires Mar. 2027. Opened access panels, inspected and lubricated. Serviced battery. Cleaned fuel screen and inspected brakes. Lubricated gear fittings. Cleaned, inspected and greased all wheel bearings. Jacked aircraft, cycled gear and performed emergency extension. Removed and replaced the following: induction air filter BA-5705, vacuum regulator filter, new bolt, bushing and nut mounting left muffler to exhaust pipe, fuel selector internal valve barrel o-ring with new P/N MS29513-018, nose wheel tire with new 5.00-5 Goodyear Flight Custom III, nose wheel inner tube with new Michelin 5.00-5, one rubber grommet in right side empennage for hydraulic line, two adel clamps for cylinder No. Four fuel injector line. Stop drilled one crack in left front engine baffle. Adjusted nose gear door rubber bumper for correct door operation. Stop drilled cracks in both stabilator plastic tips. Ground ran engine. Aircraft systems operational check normal. C/W AD 2011-10-09 by inspection of seats and tracks, due again @ 696.6 tach. C/W AD 76-07-12 by operational check of ignition switch, due again @ 696.6 tach. C/W AD 86-19-11 by inspection of fuel sump, due again @ next pre-flight. C/W AD 2015-19-07 by inspection of fuel injector lines & clamps and replacement of two adel clamps, due again @ 696.6 tach.

Mark Pfister

A&P 2645423 IA

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

H&L Aircraft Service, Inc. KRYV
 1765 McCollum PKWY (770) 427-5400
 Kennesaw, Ga. 30144

N1866Q Date: 3/7/2024 Tach: 617.8 TTAF: 4900.8 Page: 1

I Certify that this aircraft has been inspected in accordance with an annual inspection and is considered to be in airworthy condition. ELT inspected and tested in accordance with FAR 91.207 (d), battery pack expires Mar. 2027
 Opened access panels, inspected and lubricated. Serviced battery. Cleaned fuel screen and inspected brakes.
 Lubricated gear fittings. Cleaned, inspected and greased all wheel bearings. Jacked aircraft and cycled gear. Performed emergency extension and gear warning horn operational check normal.

Removed and replaced the following: induction air filter BA-5705, mixture control cable with new P/N MCC299507-0102, mixture control cable rod end with new P/N S1104-3, nose gear torque link kit with new P/N TL-KT-6, gascolator bowl seals with new.

Removed spinner due to one crack found. Spinner weld repaired by ASEI, see form 8130-3. Adjust and install anti-chafe material on two fuel lines in left wing. Tightened alternator belt. Installed new rubber grommet in fire wall for propeller control cable. Adjusted co-pilot muffler shroud for proper fit. Cleaned corrosion from gascolator bowl. Replaced seals in shimmy dampener and serviced with fluid. Installed new fuel cap placards. Replaced one transistor in dual warning horn box. Ground ran engine. Aircraft systems operational check normal.
 Continue to page 2

Alterations

(Number of specific entries.)

Page: 1

Considered to be in
2027
akes.

ear. Performed

C299507-0102,
olator bowl

Install anti-chafe
for propeller
Replaced seals in
ual warning horn

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

H&L Aircraft Service, Inc. KRYV
1765 McCollum PKWY (770) 427-5400
Kennesaw, Ga. 30144

N1866Q Date: 3/7/2024 Tach: 617.8 TTAF: 4900.8 Page: 2

C/W AD 2011-10-09 by inspection of seats and tracks, due again @ 717.8 tach.
C/W AD 76-07-12 by operational check of ignition switch, due again @ 717.8 tach.
C/W AD 86-19-11 by inspection of fuel sump, due again @ next pre-flight.
C/W AD 2015-19-07 by inspection of fuel injector lines & clamps, due again @ 717.8 tach.
C/W AD 2023-02-17 by eddy current inspection per SEL-57-09R1. See Applied Technical Services report Job # F-415510, dated 12/28/2023.

Complied with I.C.A. Rosen sun visor systems per document 9051-0118-012 Rev. F.
Complied with Garmin 650 I.C.A. per Document No. 190-01007-A1 REV 12, dated 01/01/2020
Complied with Door Stewards I.C.A. per document MVA-200C10 M & O
Complied with Aspen I.C.A. per document 900-00012-001 REV. AE
Complied with E. I. CGR-30P I.C.A. per Document No. 06211301
Complied with Garmin GTX 327 transponder I.C.A. per document 190-00187-02 Appendix A.1
Complied with Garmin GNC 355 I.C.A. per document 190-02207-A5

Mark Pfister

A&P 2645423 IA

N1866Q Date: 3/7/2024 Tach: 617.8 TTAF: 4900.8

The purpose of this entry is to provide clarification of the compliance of AD 2023-02-17, Effective date March 20, 2023.

The following activities were accomplished during the compliance of AD 2023-02-17:

- 1) Removal of the interior headliner and assorted plastics to gain access to the center wing carry-thru spar.
- 2) Prepare the carry-thru spar lower cap by removal of all primer, paint and glue covering the affected metal areas per paragraph G & steps 4 and 5 of Textron SEL-57-09R1 dated, August 8, 2020.
- 3) Visual inspection of the carry-thru spar with a 10X magnification lens per paragraph G & Textron SEL-57-09R1 steps 6. 1-4.
- 4) Minor corrosion removed and blended from lower spar cap per paragraph G & Steps 6. B. 1-7 of Textron SEL-57-09R1.
- 5) Areas blended do not exceed the allowable limits specified by paragraph 8 & table 1 of Textron SEL-57-09R1.
- 6) Completed Eddy current inspection per paragraph H & Textron SEL-57-09R1 step 7. See Applied Technical Services report Job # F-415510, dated 12/28/2023.
- 7) Applied the following protective coatings to the carry thru spar: Zinc Chromate and CIC Corban 23 per paragraph I & Textron SEL-57-09R1 step 9-10.
- 8) Filed Textron Mandatory SEL-57-09R1 carry-thru spar inspection report with Textron & FAA. A copy of the inspection report has been included within the aircraft's permanent maintenance records.
- 9) Installed interior headliner and assorted plastics.



Mark Pfister

A&P 2645423 IA

MANDATORY

SEL-57-09

CARRY-THRU SPAR INSPECTION REPORT

To:	Page: 1 of 1 Pages
Wichita Citation Service Center	Includes this cover sheet
Attn: Textron Aviation Team Structures	
2121 S. Hoover Rd	Registration No.: N1866Q
Wichita, Kansas 67209	Total Time in Service (Hrs.): 4,900.8
Phone Number: 316-517-6061	
email: structures@txtav.com	Facility Name: H&L AIRCRAFT SER. INC.
	Facility Address:
From:	1765 McCOLLUM PKWY
Date: 3/7/2024	KENNESAW, GA. 30144
Airplane Serial Number: 177RG0266	
Owner's Name: WINGS AND PRAYER LLC	Phone Number of Facility: 770 427-5400
Owner's Address: 755 WAGON TRL	Fax Number of Facility:
WOODSTOCK, GA. 30188	
Owner's Phone Number: 678 591-4458	
Owner's Fax Number:	
Please provide detailed and dimensioned descriptions of any crack(s) or corrosion. Attach pictures to this form as necessary.	
Comments/Notes:	Cracks: Yes ☒ No (Circle One)
	Corrosion: Yes ☒ No (Circle One) MINOR SURFACE
	Airplane Operation:
	Severe: Yes ☒ No (Circle One)
	Typical: Yes ☒ No (Circle One)
	Unknown: Yes ☒ No (Circle One)
Any previously known or recorded blending or material removal on the carry-thru spar? Yes ☒ No (Circle One)	
List any Structural Supplemental Type Certificates (STC's) Installed:	