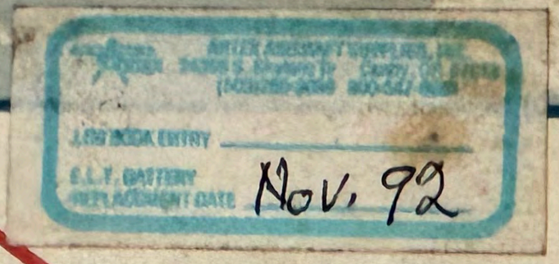

[illegible]

LOG BOOK ENTRY ______

E.L.T. BATTERY REPLACEMENT DATE Nov. 92

Airborne

Air Filter Change Reminder

Changed at: 2255.0 Hrs.
10-27-88 Date

Next Change: 2755.0 Hrs.

Parker Aerospace

Cessna®

AIRCRAFT LOG

AND MAINTENANCE RECORD

N 1945 Q SERIAL NO. 177RG0345

Book #2

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

Cessna®

AIRCRAFT LOG

AND MAINTENANCE RECORD

Record of Cessna (Make) 177RG (Model) 177RG0345 (Serial) N1945Q (Certificate)

With Engine Lycoming (Make) I O-360-A1B6D (Model) L-10167-51A (Serial)

From June 9 1980 to ____ 19__

Detailing Time From 1605.6 Hours To ____ Hours

Owner ____

Address ____

FORM P121-13

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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

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

9 June 1980 Tach 1605.6 Serviced Battery, Brakes. Lubed
Airframe. Jacked A/C Did Retraction test on Landing gear.
Installed New battery Kit in ELT Replacement Due March 83.
Installed New Rod end on gear actuator Per Cessna Service
Bulletin SE79-37. Complied with Cessna service Letter SE80-6.
Installed New spring on Right tie down Ring. Installed New
Bulb in Left Nav Light. Installed new tip on Pitot tube. Removed
Rust From Right Filler Neck and Replaced "O" Ring on Cap.
Removed Left Filler adapter and Replaced Fuel cap adapter
with new part. Installed New Fuel cap Left side. Removed
Bird Nest From tail Cone. Installed New Tip on Left stabilator.
Installed New Aux Fuel pump and pump Drain tube. Replaced
Vacuum Central Air filter. Replaced Vaccum Relief valve Filter.
Repaired Right stabalitor tip. Tightened Jam nut on Nose gear
actuator Rod End. Repositioned Radio Cooling Tube Away
From Control Collumn. Repositioned Flap cables Away From
Head Liner Bracket. Service Letters checked and complied

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TOTAL TIME: 16
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GNATURE OF
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March 83.
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in accordance with FAR 91.25

Date	Bearing error VOR 1	Bearing error VOR 2	Place	Signature	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.

with to this Date. Complied with AD-79-08-03. installed Fuse in Cigar Lighter wire. complied with AD 79-18-06 Mag sent To Bendix For Rework. AD Notes Checked and complied with Through 80-11.

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH TIME: 1605.6 DATE: 6-9-80
TOTAL TIME: 1605.6 W.O.# 6484
BY: Ernest A Criswell IA 2233113
AIRCRAFT SERVICES, INC. SALINA, KS.

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.170 HAVE BEEN PERFORMED.
THE ALTIMETER WAS TESTED TO 20,000 FT.
ON 6-9-80 BY: Ernest A Criswell
W.O.# AW02413 DATE: 6-980
AIRCRAFT SERVICES, INC. SALINA, KS.
CRS 322-29

AIRCRAFT LOG

DATE 19	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
7-14-80	TACH 1622.0	C/W AD 26-02-12 & FOUND SWITCH TO BE FAULTY. INSTALLED BENDIX KIT # 10-35710 IN MAG SWITCH CHECKED SWITCH AGAIN OPERATIONAL CK OK					A-P 514561933
8-1-80	Tach 1623.3	Overhaul shimmy damper service with fluid & reinstall, adjust flap selector switch & tighten screws, oper. ck. ok.					Gregory Lee A&P 511605166
1-16-81	Tach 1654.0	Reinstall EGT Gauge S/N 59081 after repair, maint release enclosed. oper ck. ok.					Gregory Lee A&P 511605166
4-20-81	Tach 1687	Replaced voltage regulator					Ronald D. Warren A&P 173[illegible]

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

VOR Receiver operation c
in accordance with FAR 9

Date	Bearing error		Place
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AIRCRAFT LOG

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

6-25-81 Tach 1699.4 Airframe inspection opened all inspection panels & floorboards, checked all cables and pulleys. Jacked aircraft, packed wheel bearings replaced brake linings, ran gear retraction

I certify that this ~~Airframe~~ Aircraft has been inspected
In accordance with a Annual inspection
and was determined to be in airworthy
condition.

Signed Ronald D. Warren A&P1730211 A.I.

Sept. 15, 1981, Tach Time 1706.9
Removed & Replaced Down Limit
Switch in wing. Checked Rigging
all Checked OK.
The End

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

WORK ORDER NO. 10729

DATED Sept 15, 1981

SIGNED Ron D Warren
For SNYDER AIRCRAFT, INC.
AIRFRAME DIVISION
FAA Certificate No. D03-60

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
19					HOURS	10THS	
6-6-82 Tack & total time 1761.6 Replaced landing gear power pack. Jacked aircraft to verify retraction, resealed nose strut.							

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

WORK ORDER NO. 10915

DATED 6-1-82

SIGNED Ronald D Warren

For SNYDER AIRCRAFT, INC.
AIRFRAME DIVISION
FAA Certificate No. D03-60

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Date	Bearing error		Pi
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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25					DATE	REMARKS
Date	Bearing error		Place	Signature	19____	Enter here general data with reference to "Line" and "Periodic" inspections – Rigging Changes – Alterations – Repairs – Service Letters – and changes in propeller or engine – as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
	VOR 1	VOR 2				
					7-6-82	Tach Reads 1762 Insp as per check List, Disc noted on WO 01619

Chuck W Carter
A&P 1373344

Date 7-6-82 Total Time 1762 Tach Time 1762 I certify that this Aircraft Engine has been inspected in accordance with a annual Inspection and was determined to be in airworthy condition.

Signed Charles W Carter
Cert. No. IA 1373344

AIRCRAFT LOG

DATE 19	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME HOURS	10THS	SIGNATURE OF PILOT
7-26-83	Tach Time 1781.5 Total Time 1781.5 Opened Wings + empennage Checked Elevator + Rudder Control, Aileron, + Flap Control Cables, Pulleys, + Bellcranks, checked wheel bearings Brake pads, Serviced Power Pack Changed ELT Batterys ELT due July 86. Chk ELT for Proper Operation Jacked Aircraft and ran a gear check Serviced Landing gear Merle Harding A&P 521301332 Checked ADs + SBs. Merle Harding 521801332						

Date 7-26-83 Total Time 1781.5 Tach Time 1781.5 I certify that this Aircraft ~~Engine~~ has been inspected in accordance with a .... inspection and was determined to be in airworthy condition.

Signed

Cert. No. IA 1573244

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

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Date	Bearing error VOR 1	Bearing error VOR 2
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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91. 25					DATE	REMARKS
Date	Bearing error		Place	Signature	19 ___	Enter here general data with reference to "Line" and "Periodic" inspections — Rigging Changes — Alterations — Repairs — Service Letters — and changes in propeller or engine — as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
	VOR 1	VOR 2				

Feb. 5 - 1984 tach time 1811 Replaced left elevator ~~tip~~ with
new P/N 1732024-1-791 tip Steven D Scarlett A+P 482684520

AIRCRAFT LOG

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

Sept. 20, 1984 tach 1820.3 total time 1820.3
Inspected this Aircraft according to Cessna's Service Manual
Removed all inspection Covers - Removed Interrior - Cleaned Aircraft
Repacked all wheel bearings - Replaced All tires with new
Goodyear Flight Customs - Rivited a patch inside tail Cone on
both sides - Replaced ELT Bat this Bat good till Sept 1986 Operational
Check OK - Replaced Aircraft Bat with new Concord - Retracted landing
Gear and checked operation including emegerency System Replaced Throttle
Gear up warning switch - drained all fuel Sumps + checked all fuel
Screens - Checked Vacume System and Replaced Vacume Reg filter and
Central Air filter - Checked electrical System + lights replaced 3
Post lights - Replaced Aero duct for Cabin Heat - Replaced all bolts
in Nose wheel - C.W AD 82-27-02 Propeller Blade shank failure.
by dye Check of Propeller blades, painted Prop and reinstalled on
aircraft - Checked and lubbed all controls I Certify that this Aircraft
has been inspected in accordance with a Annual Inspection and was
determined to be in Airworthy Condition A&P4845 46784 IA
Boyd Roland

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

VOR Receiver operation chec
in accordance with FAR 91.2

Date	Bearing error		Place
	VOR 1	VOR 2	

11-7-84
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AIRCRAFT LOG

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

I certify that the test and inspection requirements, of far part 91.172, were satisfactorily complied with by testing accomplished in accordance with appendix "F" of far part 43. Transponder SN Cessna 300 BY
Date tested 11-6-84.
Angels Aviation CRS#304-85 Knoxville, Iowa.

11-7-84 tach 1837.4
Removed Old fire extinguisher 3 lbs at 102 arm
Added New Haylon Fire extinguisher 4 lbs at 94' arm
New empty weight 1778.1 new CG 104.45
new moment 185725.38 new useful load 1021.9 lbs
A+P 484546784 Weight & Balance Papers Corrected
Boyd Roland

AIRCRAFT LOG

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

Sept 6, 1985 tach 1873

Completed 50 hr inspection according to Cessna Service manual I Certify that this aircraft has been inspected in accordance with a 50 hr inspection and was determined to be in Airworthy Condition A+P 484546784 IA Boyd Roland

[redacted]

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

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AIRCRAFT LOG

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

Nov 5, 1985 tach 1886.5 total time 1886.5
inspected this airframe according to Cessna Service
manual - installed Cessna Kit SK 177-31 nose gear down
switch - preformed gear retraction - repacked all wheel
bearings + lubbed gear - inspected all controls and lubbed
ELT operation OK + Bat good till Sept 1986 - AD 84-26-02 induction
air filter checked and hours remaining 219.1 - checked electrical
systems - Checked Aircraft Battery for Condition serviced + cleaned
Battery Box - Checked vacuum system - checked propeller bulkhead
spinner and prop for oil leaks - Drained all fuel sumps + checked
fuel screens - I certify that this aircraft has been inspected
in accordance with an Annual inspection and was
determined to be in Airworthy Condition A&P484546784 IA
Boyd Roland

AIRCRAFT LOG

DATE 19	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME HOURS	ACCUMULATED TOTAL FLYING TIME 10THS	SIGNATURE OF PILOT
10-17-86	TACH	1903					

~~ELT REMOVED, BATTERY ORDERED.~~ REPLACED
ALL BRAKE LININGS. SERVICED SHIMMY DAMPNER.
CHECKED GEAR RESERVOIR, RETRACTION TEST. REPLACED
LEFT DOOR LATCH, LEFT WING STROBE POWER SUPPLY INOP.
NEW ELT BATTERY 10-88

I certify this AIRCRAFT has been inspected
in accordance with a ANNUAL inspection
and found airworthy.

—R. J. Blackhurst, A&P 1570611 I

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

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SIGNATURE OF PILOT
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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25					DATE	REMARKS
Date	Bearing error		Place	Signature	19 ____	Enter here general data with reference to "Line" and "Periodic" inspections — Rigging Changes — Alterations — Repairs — Service Letters — and changes in propeller or engine — as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
	VOR 1	VOR 2				
10-20-86						

I certify that the static systems tests required by FAR 91.171 have been performed and the altimeter has been certified I/a/w Part 43 Appendix E, by Repair Station C14-72 To 29000 ft.

Donald E Anderson 10-20-86

Signature Date

South State Avionics, Inc
Mankato, MN 56001

The ATC Transponder tests and inspections required by FAR 91.172 were performed on this date and found to comply with FAR 43 Appendix F. Details of this inspection are on file at this Repair Station under W.O. #3002 ATC Transponder KT-78

Ser. No. 7C004 Date 10-20-86

Donald E Anderson

Signature

South State Avionics Inc

FAA Repair Station C14-72

Mankato, MN 56001

AIRCRAFT LOG

DATE 19	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME HOURS	10THS	SIGNATURE OF PILOT
1-7-87	Installed Aero-sonic Encoding Altimeter in place of origional Altimeter: Encoder functionally checked & static system checked for leaks: Installed AR/NAV 15B Loran system in accordance with Equip manufactors installation manual & all pertinent FAR'S; see 337 Form dated 1-7-87: All necessary notations made in Equip list + wt BAL sheet.						

AIRCRAFT ELECTRONICS
Sanborn Hangar
St. Paul Downtown Airport
St. Paul, MN 55107
(612) 228-0823

Raymond F. Mabrey
Raymond F. Mabrey
#1883096 C.R.S. 3476

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7/16/87	
7-26-8	
7-26-8	

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25					DATE	REMARKS
Date	Bearing error		Place	Signature	19 ____	Enter here general data with reference to "Line" and "Periodic" inspections – Rigging Changes – Alterations – Repairs – Service Letters – and changes in propeller or engine – as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
	VOR 1	VOR 2				
6-19-87						TT 1998
						Removed Alternator and Regulator and had checked, Reinstalled. Replaced all baffel seal with new. Installed new gear horn micro switch. Replaced bad cowl fasteners. Installed new fire extenguiser,
						426483590 A+P
6-24-87						Replaced Old Concord with new Rebat 12 volt Battery
7/6/87						OVERHAWED D.G.
7/16/87						OVER HAWLED TURN COORINATER
7-26-87						Installed Brackett air filter T.T. 2010
7-26-87						C/W AD 86-24-07 Engine controls nuts T.T. 2010
						C/W AD 81-15-03 Brackett filter
						426483590 A+P

AIRCRAFT LOG

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

10-19-87 Tach 2053 T.T. 2052
I certify that this aircraft has been inspected in accordance
with an ANNUAL inspection and a list of discrepancies
has been provided to the owner. The discrepancy is
non-compliance with A.D. 86-19-11. Compliance with
that A.D. will make this Aircraft Airworthy at this time.
A.D. 87-20-03 C/W by insp. of seat rails. Packed all wheel bearings.
IA 2172659

10/24/87 Tach & Total Time 2054.2
Installed fuel tank quick drains + preflight fuel
system checklist to comply with A.D. 86-19-11
Mike A Miller
A&P 501987467

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AIRCRAFT LOG

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

11/14/87 TT 2059.5
Installed new alternator belt. Resaftyed alternator, reinstalled prop and resaftyed.
Eldon Enstad 476483590 A&P

3/12/88 TT 2105
Installed new D.G.

7-20-88 TACH TIME 2201
Rotated LEFT MAIN TIRE - REPLACED BRAKE PAD BOTH MAIN WHEELS. Stanley P. Knutson 473526000 A&P

AIRCRAFT LOG

DATE 19	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
10-27-88	Tach 2255.0 Total Time 2255.0 Annual Inspection As Per						

Cessna Inspection Guide. Replaced Rear Seat Reclining
Pawls, Replaced Instrument Air Filter and Vacuum Relief
Filter. Cleaned and Repacked All Wheel Bearings, Performed
Gear Retraction Test. Replaced ELT Batt. Ack Next
Due 11-90. Complied With AD 76-07-12 Bendix Switches
Checked OK; Complied With AD 78-09-07 R3 as per Bendix
SB 599B Next Due At 2755. Tach. Time; Complied With
AD 87-20-03R1 Seat Rail Insp. Must Be Inspected again
at 2355. Tach. Time. Complied With AD 88-17-12 By
Installation of STC SA2344CE see 337 This Date. For
Complete AD List See Back of This Log. I certify
That This Aircraft Has been Inspected In Accordance
With An Annual Inspection and was Determined
To Be In Airworthy Condition.

Morgan R. Stroh
AP501744120 IA

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AIRCRAFT LOG

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

Performed inspection required by FAR 91.172 in accordance with procedures outlined in appendix E and F of FAR 43. C.R.S. 3476

Cessna , CC-312A 7C004
Make Model Serial No.

AIRCRAFT ELECTRONICS
Sanborn Hangar
St. Paul Downtown Airport
St. Paul, MN 55107 (612) 228-0823

11-6-89
Charles Rothmeier #2364642 Date

I certify that the altimeter and static pilot system test required by FAR 91.171 have been performed. The altimeter has been tested to 15,000 ft. and the automatic pressure altitude reporting to 15,000 ft.

AIRCRAFT ELECTRONICS
Sanborn Hangar
St. Paul Downtown Airport
St. Paul, MN 55107 (612) 228-0823
C.R.S. 3476

11-6-89
Charles Rothmeier #2364642 Date

AIRCRAFT LOG

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

11-6-89 Tach time 2399.9 total time 2399.9. Inspected this Aircraft according to Cessna's Service manual with referance to F.A.R. 43 appendix D. Removed all inspection panels. removed interior and floor panels. Cleaned exterior and interior of aircraft. Repacked all wheel bearings Checked electrical system and lights. Replaced tail static wicks Removed propeller for overhaul reinstalled propeller. Maintenance release tag in back of log book. Replaced left aileron attach bolt, List of minor discrepancies given to aircraft owner. I certify that this aircraft has been inspected In accordance with an annual inspection and was determined to be in Airworthy Condition

A&P 4227412467

11-6-89 TAch 2399.9 TTAF 2399.9

C/W AD#87-20-03 R1 AMNDT 39-5863 DATED 4/4/88 by inspection. AD next Due at 2499 TAch -

C/W AD# 76-07-12 AMNDT 39-3024 DATED 8/30/77 by operational check. next Due at 2499 TAch

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

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25					DATE	REMARKS
Date	Bearing error		Place	Signature	19 ____	Enter here general data with reference to "Line" and "Periodic" inspections — Rigging Changes — Alterations — Repairs — Service Letters — and changes in propeller or engine — as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
11/89	VOR 1	VOR 2				

AD #78-09-07 R3 AMNDT 39-4538 DATED 1/17/83 Due at 2755 TAch
ELT Battery Due 11/90
I certify that this AIRCRAFT has been INSPECTED IN ACCORDANCE with AN ANNUAL INSPECTION AND found to be in Airworthy CONDITION — S Borg A&P476485442 IA —

12-20-89 TACH 2405 INSTALLED R+L MAIN TIRE & TUBES END
AP472509324

3-28-90; Tach 2404
Replaced 2 lower cowl mounts, replaced 2 missing cowl [illegible] [illegible] [illegible] adjust [illegible] [illegible], replaced rt. stab light, bled both brakes
John A. [illegible] A&P# 1478737.

AIRCRAFT LOG

DATE 1990	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME HOURS	ACCUMULATED TOTAL FLYING TIME 10THS	SIGNATURE OF PILOT

8-15-90 Tach 2424.9 Replaced the Following Parts after nose gear Collapse replaced
Both nose gear doors (aft), Both cowl Flaps & Cowl mounts, upper & lower gear spacers
replaced drag link Bolt, replaced Both nose gear actuator rods, replaced Squat
Switch. gear assembled & and rigged as per Cessna 177RG Service Manual & run
thru 25 Fault free Cycles, Aircraft test Flown and Found to be OK

MAINTENANCE RELEASE

The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order 2769
Signature Thomas A. G, Date 8-17-90,
AP471644793IA, Type of Certificate/Number
for CRS BDKR393C, STC Aviation, Inc.,
St. Cloud, MN 56302.

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

MAINTENANCE RELEASE

The aircraft instrument identified on the reverse side of this tag was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service. Details of repair on Work Order

Number 40308 Dated Nov 30, 1990

are on file at this agency.

Authorized Signature

WILLIAMS INSTRUMENT SERVICE, F.A.A. App. Rep. Sta. UN2R220L
Class 1, 2, 3 and 4

OF

replaced

AIRCRAFT LOG

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

12-4-90 Tach 2469, H-2469, H 2469
Removed artificial horizon, overhauled by Williams
instrument & reinstalled, replaced both plenum cover "O" rings,
Replaced rt cowl flap front hinge half & safetied both rt.
& left hinge pins, replaced 4 cowl grommets, tightened
[illegible] light under nut, installed missing clock post
light bulb, reattached left defroster duct at
rear of panel, replaced altimeter static line melted,
replaced one tach light switch tab on cowl, glued velcro
around baggage compartment closeout panel, tightened
rt tank sending unit screws, adjusted left belly drain
cable for tight & leaking, tightened rt & left aileron cables
at bellcranks, 2 turns each. C/W AD 87-20-03 R1 seat rails
- due next annual, C/W AD 76-07-12 Bendix magneto
switch - ck - ok due at 2569 tt,

I certify that this aircraft/~~engine~~ has been inspected in accordance with a ~~100 hour~~/annual inspection and was found to be in an airworthy condition: John A. [illegible] #1474737 IA

AIRCRAFT LOG

DATE 19	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME HOURS	ACCUMULATED TOTAL FLYING TIME 10THS	SIGNATURE OF PILOT
1/30/91	tach	2486.0					
	Installed	I-COM	MODEL PM1000	see	337	this	date

FORMS

MAINTENANCE RELEASE

The equipment or component identified above was repaired and inspected in accordance with current Federal Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency on work order No. 2536

Nav-Com Contractor, Inc.
FAA Repair Sta. KL5R992M
Garrision, MN 56450

Date 1/30/91
Signed Patrick A Weis

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 | Bearing error (VOR 1, VOR 2) | Place | Signature

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.

7/18/91 TACH 2610.1 REMOVED FRONT TIRE & TUBE. REPACKED FRONT BEARINGS.
CHECKED ALL COMPONENTS. REPLACE FRONT TIRE w/ NEW
GOODYEAR 5.00-5 4 PLY FLIGHT CUSTOM II TIRE P/N #301-015-090
& NEW GOODYEAR 5.00-5 TUBE. INSPECTED & CHECKED SERVICEABLE

REMOVED LH LANDING LIGHT & REPLACED w/GE #4313-250W
LIGHT . OPS ✓ OK.

25 OCT 91 TACH TIME 2656.1 AIRFRAME TT 2656.1 COMPLETED
100 HR INSPECTION LIST. REPAIR BAGGAGE DOOR ROD ATTACH POINT
REPLACE LEFT PILOTS RUDDER PEDAL. REROUTED MISC WIRES
BEHIND PANEL FOR CLEARENCE. LUBE & FREED UP ELEVATOR TRIM
PULLEY IN FLOOR. REPLACED NOSE GEAR ABRASION PAD. REPLACE
MAIN GEAR UP STOP BUMPERS. REPLACE BRAKE PADS. REBUILD
BOTH BRAKE CYL'S. PACK BEARINGS. BLEED BRAKES.
REPAIRED NOSE GEAR DOOR HINGE. REPAIRED INST. LIGHT RHEOSTATS.

CONT ON NEXT PAGE

AIRCRAFT LOG

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

25OCT91 TACH 2656.1 CONTINUED FROM PREVIOUS PAGE —
REPAIRED COMPASS & LIGHT WIRES. REPLACED LEFT DOOR
& CATCH BRACKET. REPLACED RT AILERON PUSH PULL TUBE BALL
ENDS. TIGHTENED ELEVATOR TRIM TAB ROD BOLT. REMOVED
BIRDS NEST IN TAIL. TIGHTENED ELEVATOR CABLES. AD'S CHECKED
THRU ISSUE 91-19. COMPLIED WITH AD 87-20-03R2 BY
INSPECTING SEAT TRACKS & PINS. C/W AD 76-07-12 BENDIX
MAG SWITCH BY GROUND RUNNING & TESTING.

DATE 25OCT91 TIME 2656.1
I CERTIFY THAT THIS ([✓ AIRCRAFT] OR ENGINE)
HAS BEEN INSPECTED IN ACCORDANCE WITH
AN ([✓ ANNUAL] OR 100 HR) INSPECTION AND
WAS DETERMINED TO BE IN AN AIRWORTHY
CONDITION
SIGNED Bob Daugherty
A & P A&P 2225738 IA

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25 Date	Bearing error VOR 1	VOR 2	Place	Signature	DATE 19 92	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 certify that the altimeter, static system, transponder and altitude reporter tests required by FAR'S 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR appendixes E & F and AC 43.6a. Tested to: 20000 ft. Altimeter Model Aerosonic #1sn 266930 #2sn None Transponder Model Kt-78 #1sn 7C004 #2sn None Altitude Reporter Aerosonic #1sn 266930 #2sn None Signed: Name Scott Borgerding # 002456594 AIRCRAFT ELECTRONICS, BLAINE, MN. 55434 CRS# QM2R114L Work Order # 6303B 2/11/92
1 MAR 92						
					1 MAR	COMPLIED WITH SERVICE BULLETIN SEB86-5R1: INSTALLED CESSNA P/N { 0705097-1 IN ACCORDANCE WITH INSTRUCTIONS 0705098-1
1 MAR 92						REMOVED LORAN R-15 FOR O/H. A/C PLACARDED.

AIRCRAFT LOG

DATE 19 92	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME HOURS	10THS	SIGNATURE OF PILOT

19MAR92 RE-INSTALLED A ARNAV R-15 LORAN INTO
PANEL MOUNT AND OPERATIONALLY CHECKED UNIT
AFTER FACTORY OVERHAUL & UPDATE. UNIT SERIAL # 51156 P/N 453-0108
REPAIR: W/O FAA # MMF 551-036 DATED 3-11-92 REPAIR ORDER # 43180. BY "LR".

~~23APR92 2688.1 TACH, 2688.1 TTSN CHANGED ENGINE OIL AND FILTER WITH~~
~~7QTS SHELL 15W50 & CHAMPION OIL FILTER~~
~~P/N~~
VOID

28 APR 92 2688.1 5YRS ① REMOVED OLD BATTERY MODEL GILL G35D
REPLACED WITH GILL MODEL G35D NEW BATTERY
FILLED & TESTED AS PER MANUFACTURERS SPECS -
SATISFACTORY. RE.
578.1 TSN ② REMOVED AIR FILTER & REPLACED W/NEW BRACKETT P/N BA5105
PER MANUFACTURERS SPECS
433.1 TSN ③ REMOVED VACUUM SUPPLY FILTER & REPLACED W/NEW PARKER
P/N D9-14-5 PER MAN. SPECS - SATISFACTORY - END
#P463866014

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

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91. 25					DATE	REMARKS
Date 19MAR72	Bearing error VOR 1	VOR 2	Place ANE	Signature	19 ___	Enter here general data with reference to "Line" and "Periodic" inspections — Rigging Changes — Alterations — Repairs — Service Letters — and changes in propeller or engine — as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
19MAR92	+1	+2	085°FR 245°TO - GROUND ANE			

Continued in Book 3

MEMORANDA

Date	
6-9-80	Complied with service Letter SE-79-37 Replaced M/L/G Rod end Ernest [illegible] A&P 2233
6-9-80	complied " " " SE-80-6 Installed service kit SK177-38 Ernest [illegible]

MEMORANDA

[illegible]