

Cessna®



AIRCRAFT LOG
AND MAINTENANCE RECORD

N 52 MM

SERIAL NO. 210-64870

PORTATION
STRATION

IF ER

SA



Exceeding the standards.

RCA AVIONICS

R C AVIONICS FAA CRS KP5R996M

INSTALLED THE FOLLOWING:

DESCRIPTION

APOLLO 618 LORAN C
MISC. ITEMS

REFERENCE

APOLLO 560-0037A
AC-43-13-2A
AC 20-121A

The above installation conforms to approved methods ie AC-43-13-2A where applicable, chapter 2, paragraph 23, section; a, b, c, d, paragraph 27, section; a, b, c, d, e. Ramp and flight checked above installation, installed systems perform to manufacturers specifications, and doesn't interfere with other aircraft systems. Added electrical load doesn't exceed aircraft charging system capabilities. Updated aircraft weight and balance to reflect these changes, and made the appropriate log book entries. The Loran was placarded as "LORAN C Approved for VFR Use ONLY".

Installed an emergency comm antenna at F/S 87.00. The antenna was mounted to the aircraft skin which was doubled with a doubler fabricated out of 2024-T3-040 aluminum and riveted to the aircraft skin.

CURRENT WEIGHT AND BALANCE 01-12-90

CATEGORY	EMPTY WEIGHT	CENTER OF GRAVITY	USEFUL LOAD
NORMAL	2452.95	42.16	1347.05

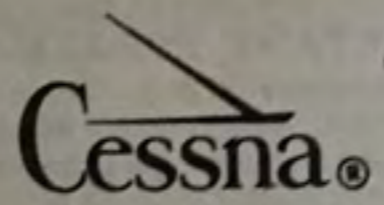
-----END-----

David R. Van Den Broeke

David R. Van Den Broeke 474767092

01-12-90

ELT battery replacement
due ~~Jan 94~~ May 96



AIRCRAFT LOG AND MAINTENANCE RECORD

1983

Record of Cessna 210N 21064870 52MM
Make Model Serial Certificate

With Engine Continental IO-550-L 289066-R
Make Model Serial

From _____ 19 _____ to _____ 19 _____

Detailing Time From _____ Hours To _____ Hours

Owner _____

Address _____

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 NOV 11, 1988	TACH TIME 8 200.6 TOTAL TIME 8 408.37		I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AD'S CHECKED THRU 88-21 SEE AD LISTING				Edwin J. Stewart A&P 215707226 IA EDWIN J. STEWART
NOV 11, 1988			I CERTIFY THAT THIS AIRFRAME CONFORMS TO TCDS 3A 21-42				Edwin J. Stewart A&P 215707226 IA EDWIN J. STEWART

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				

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(d) Certificate of Airworth-
iness dated NOV 17 1988 was issued by
H.H. FAA DAR-7-PS-EU

DATE

CARRY FO



Exceeding the standards.

R.C. AVIONICS

R.C. AVIONICS FAA CRS C14-42

INSTALLED THE FOLLOWING:

DISCRIPTION

REFERENCE

SIGTRONICS SPA-400 INTERCOM

SPA-400 MANUAL

The above installation conforms to approved methods ie AC-43-13-2A where applicable, chapter 2, paragraph 23, section; a, b, c, d, paragraph 27, section; a, b, c, d, e. Ramp and flight checked above installation, installed systems perform to manufactures specifications, and doesn't interfere with other aircraft systems. Added electrical load doesn't exceed aircraft charging system capabilities. Aircraft weight & balance was not updated. Weight change of 6oz. is negligible.

-----END-----

Alan J. Acre
ALAN J. ACRE 476641610

01/19/88

SIGNATURE OF PILOT

AIRCRAFT LOG

DA

OF

19

TRANSPONDER

I CERTIFY THAT THIS TRANSPONDER COMPLIES WITH FAR 91.172 IN ACCORDANCE WITH PROCEDURES OUTLINED IN APPENDIX F OF FAR 43.

WO 4298 AIRCRAFT # 52MM

#1 ARC RT-459A 11626
Make Model Serial No

#2 --- --- ---
Make Model Serial No

Alan J. Ahne 2/23/89
Authorized Inspector Date

RC AVIONICS, INC.

St. Paul Downtown A/P
FAA CRS C14-42

Fleming Field
FAA CRS C14-42A

Anoka County Airport
FAA CRS C14-42B

Check indicates
Shop of Origin

Check indicates
Shop of Origin

Check indicates
Shop of Origin

ALTIMETER & STATIC

I CERTIFY THAT THIS ALTIMETER & STATIC SYSTEM COMPLIES WITH FAR 91.171 IN ACCORDANCE WITH PROCEDURES OUTLINED IN APPENDIX E OF FAR 43. ENCODING EQUIPMENT CONFORMS TO FAR 91.36.

WO 4298 AIRCRAFT # 52MM

ALTIMETER #1 Certified to 30,000 Ft.

ALTIMETER #2 Certified to 30,000 Ft.

ENCODER #1 Certified to 30,000 Ft.

ENCODER #2 Certified to N/A Ft.

Alan J. Ahne 2/23/89
Authorized Inspector Date

RC AVIONICS, INC.

St. Paul Downtown A/P
FAA CRS C14-42

Fleming Field
FAA CRS C14-42A

Anoka County Airport
FAA CRS C14-42B

Check indicates
Shop of Origin

Check indicates
Shop of Origin

Check indicates
Shop of Origin

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19__	
<p>12-1-89 tail #16 TT # 46 annual inspection completed. check controls cables and AF. battery installed new battery in E.C. tank tested. battery replaced in. 2000/1. replace wheel bearing gear gear sur. gear adjustment inspected seat track seat rollers and pawls. check THRU AD's 8/1-22</p>				19__	<p>THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Paul W. Zemke Authorized Signature For Regent Aviation Services ST. PAUL DOWNTOWN AIRPORT MN FAA ORS MFR# 128K</p>

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 12/20/90 Tach 850.6			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.				
			Tach <u>30000</u> ft.				
			Model <u>RT459A</u> #1sn <u>11626</u> #2sn _____				
			Model <u>United</u> #1sn <u>58317</u> #2sn _____				
			Altitude Reporter <u>EA401A</u> #1sn <u>9519</u> #2sn _____				
			Signed: <u>St. A. Nelson</u> # <u>2426080</u>				
			AIRCRAFT ELECTRONICS, BLAINE, MN 55434				
			CRSN GM2R114L Work Order # <u>2481</u>				

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 19__	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error	Place	Signature		
VOR 1	VOR 2				
12-20-90				Tach 650	TJAF 858 TJ on pup 858
annual inspection complete check controls, gauges, service A/C battery, main gear, retractors, grease gear, replace brake lining & brake disc, brake tires, inspect seat track rollers & seat jaws, check ADB 7-20-83 PI and limits. check KRM AD 90-23					
1-22-91				Tach 673	annual
resealed nose strut & serviced with 5606 Nitrogen Regent Aviation CRS YRJR-826K Paul W Zemke					
AND WAS DETERMINED TO BE IN CONDITION, W.O. 5078 Paul W Zemke Regent Aviation ST. PAUL DOWNTOWN AIRPORT MN FAA CRS YRJR 826K					

DATE

CARRY FO



Exceeding the standards.

R.C. AVIONICS

R.C. AVIONICS FAA CRS KF5R996H

INSTALLED THE FOLLOWING:

DESCRIPTION

STEC SYSTEM 60PSS/AUTO TRIM

REFERENCE

SA5148SW-D

The above installation conforms to approved methods ie AC-43-13-24 where applicable, chapter 2, paragraph 23, section: a, b, c, d, paragraph 27, section: a, b, c, d, e. Ramp and flight checked above installation, installed systems perform to manufacturers specifications, and doesn't interfere with other aircraft systems. Added electrical load doesn't exceed aircraft charging system capabilities. Updated aircraft weight and balance to reflect these changes, and made appropriate log book entries.

-----END-----

Alan J. Rose
ALAN J. ROSE 476641610

11/06/91

SIGNATURE OF PILOT

AIRCRAFT LOG

(U) Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Day	Beating error	Place	Signature		
FOR 1	FOR 2			11	
12-27-91 Tach 896 annual inspection completed check controls cables repack wheel bearings, a large amount of gear extraction, replace ball tire & brake disc, replaced spark plug in my lamp, installed new battery in ELT & test ok replacement fuel gauge, inspected seat track, rollers & jaws seat no AD 7-20-03 B2 are in limits				12-27-91	TTAF 1194 TTAF 1104
12-8-92 Tach 1123 installed exchange standby compass & wiring same as compass head - present aviation, CRS YRJR-826K Paul W Zomke				12-8-92	annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. W.O. 5590 Paul W Zomke Authorized Signature For Regional Aviation (ST. PAUL DOWNTOWN AIRPORT MM) EAA CRS YRJR 826K

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
12-31-92	Tack #136		TT AIF #354		TT on #100	1354	<p><i>annual inspection complete. Check control cables lub controls service A/C battery tested EPT. Complied with AD's 7-20-03 AD's inspected seat tracks, seat rollers, panels, air ok, rotated & replaced tires. replace brake lining, new vacuum regulator. Air filters installed. grease gun & run gear retraction. Check thru AD's 92/22. no annual</i></p> <p style="text-align: right; margin-right: 50px;"><i>6055</i></p> <p style="text-align: right; font-size: 1.2em;"><i>Paul W Zempel</i></p> <p style="text-align: right; font-size: 0.8em;">Authorized Signature For Pilot Aviation</p>

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

R.C. AVIONICS INC.

Exceeding the standards.

Airport Road
St. Paul Downtown Airport
St. Paul, MN 55107
(612) 228-9760

FAA Certified Repair Station C14-42

Pilots
EA-401A # 9519

Back-up
United 5B317

G

REMARKS

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

ALTIMETER REPORTING SYSTEM

I certify that these system components comply, fully or in part as indicated, with the following: FAR 91.411, FAR 91.413, FAR 91.217, FAR 43 appendix E/F and AC 43.6A.

WORK ORDER: 9648

AIRCRAFT #: 52MM

ALTIMETER #1 ID 9519 CERTIFIED TO: 20K

ALTIMETER #2 ID 5B317 CERTIFIED TO: 20K

ENCODER #1 ID 9519 CERTIFIED TO: 20K

ENCODER #2 ID _____ CERTIFIED TO: _____

TRANSPONDER #1 SN 11626 MANUFACTURER: RT-457A

TRANSPONDER #2 SN _____ MANUFACTURER: _____

Alan White DATE: 1/12/93
AUTHORIZED INSPECTOR

RC AVIONICS FAA CRS KP5R996M

ST. PAUL DOWNTOWN AIRPORT

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 12-24-93	Tack 1347	TFAF 1563	TFAF 1563				
original inspection complete, check controls cables, services A/C battery, tested E/T, replace brake disc, repack wheel bearings, replace rollers, replace all brake components, AD93-05-06 lub unit, install diode, complete inspection seat track rollers & Paw (A) 087-20-03 R2 are in limit & charge gear gear retractor.							
4-12-94	Tack 1423		annual				
installed new A/C battery, installed new E/T and tested & replacement date due May 96.							
					6432	Paul W Zentke	

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

R.C. AVIONICS INC.

Exceeding the standards.

Airport Road
St. Paul Downtown Airport
St. Paul, MN 55107
(612) 228-9760

FAA Certified Repair Station C14-42

12/20/94

SETRA DIGITAL PRESSURE GAGE

N52MM

-983. feet A OK
-993. feet A OK
-0. feet A OK
+5. feet A OK

REMARKS

c" inspections - Rigging Changes - Alterations - Repairs - Service Letters - this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." nic, and his rating and certificate number must be shown.

ALTIMETER REPORTING SYSTEM

I certify that these system components comply fully or in part as indicated, with the following: FAR 91.411, FAR 91.413, FAR 91.217, FAR 43 appendix E/F and AC 43.6A.

WORK ORDER: 15214
AIRCRAFT #: N52MM

ALTIMETER #1 ID 9519 CERTIFIED TO: 20000

ALTIMETER #2 ID 53317 CERTIFIED TO: 20000

ENCODER #1 ID 9519 CERTIFIED TO: 20000

ENCODER #2 ID — CERTIFIED TO: —

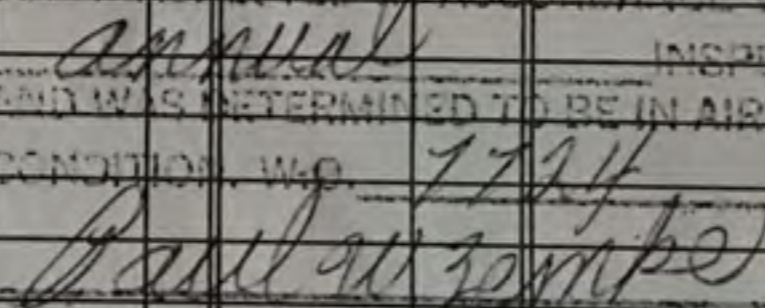
TRANSPONDER #1 SN 11626 MANUFACTURER: APC

TRANSPONDER #2 SN — MANUFACTURER: —

Russ Collier DATE: 12/20/94
AUTHORIZED INSPECTOR

RC AVIONICS FAA CRS KP5R996M
ST. PAUL DOWNTOWN AIRPORT

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 12-22-94	TAMP	1536	T/AF 1774	T/TON	PROP 1774		
annual insp completed check controls, check service A/C battery, tested EGT, engine retractors, repack wheel bearings, replace brake lines, replace helium regulator air filters, replace one prop, check and replace nose tire & balance.							
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. W/O. 1774							
							
Authorized Signature For Regent Aviation ST. PAUL DOWNTOWN AIRPORT MN FAA CRS YR. 12 826K							
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	10THS		
19 95								
3-6-95	Tach 1594		1. Installed serviceable Alternator In rear position (40 Hrs since New)					
			2. Replaced Forward Alternator WASE Filter					
			3. Replaced Landing and Taxi lights.					
			4. Tighten Vacuum Pump Fitting. Runup check good all systems.					
			Parade AP 301524933 Regent YRJA 26K					

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__	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
3-9-95	tach 1597				installed overhauled exchange regulators for #2 alternator (front) ground run & checks OK present aviation CASURJA-826K Paul W Zemke
8-23-95	tach 0	T TAF 1938			old back removed at 1720 installed IO-550-26B S/N 289066-R in this aircraft. new prop disc brushes ground run & leak check present aviation CASURJA-826K Paul W Zemke
<div style="font-size: 4em; opacity: 0.5; transform: rotate(45deg); position: absolute; top: 50%; left: 50%; width: 100%; height: 100%; pointer-events: none;"> X </div>					

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 12-22-95	Tack 69.8 T.T. 1997.8;		Annual Inspt Comp. this date. Checked all cables, pulleys, fittings etc. Repacked all wheel bearings, Repacked left main tire. Ran gear retractor. Serviced battery. ETT OPS OK Bat due May 96 . Replaced vac Regulator filter. C/W AD 94-12-08. Fuel management by pass (a), (b), (c), (d) in AD. C/W AD 87-20-03R2 Inspection of seat rails, rollers & pawls. OK this date.				<div style="text-align: right;"> ST. PAUL FLIGHT CENTER 270 Airport Rd. St. Paul, MN 55107 612-227-8108 </div>
I CERTIFY THAT THIS A/c HAS BEEN INSPECTED IN ACCORDANCE WITH FAA FAA INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.			WITH AND WAS SIGNED BY				<i>Ronald L. Harcey</i> RONALD L. HARCEY A & P 145 14591401A
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

SETRA DIGITAL PRESSURE GAGE
0.0000 to 20.0000 PSI A

R.C. AVIONICS INC.

Exceeding the standards.

Airport Road
St. Paul Downtown Airport
St. Paul, MN 55107
(612) 228-9760

FAA Certified Repair Station C1442

N 52mm
11/21/96

-992. feet A

WORKS

actions - Rigging Changes - Alterations - Repairs - Service Letters -
ok, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK."
His rating and certificate number must be shown.

ENCODER #2 ID _____ CERTIFIED TO _____

TRANSPONDER #1 SN 11626 MANUFACTURER ARC

TRANSPONDER #2 SN _____ MANUFACTURER _____


R.C. Avionics DATE 11/21/96
AUTHORIZED INSPECTOR

RC AVIONICS FAA CRS KP5R996M
ST. PAUL DOWNTOWN AIRPORT

DATE	FLIGHT FROM	TO	OF
1-2-97	Tach 255.9 T.T. 2193.9		Annual Inspection. Comp. the date. Checked all cables pulleys, fittings etc - Rechecked all wheel bearings checked brakes serviced Reservoir & Power PC Reservoir. Saw gear retraction. Replaced several light bulbs - Replaced E.H.T. Battery. Next due 1-99. Tested E.H.T. per 7.204. OK this date. C/W A-D 87-20-03 R2 seat track roller insp. OK this date.
<p>I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AM A N/A INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>Ronald L. Hayer RONALD L. HAYER A & P LICENSED I.A.</p>			<p>ST. PAUL FLIGHT CENTER 270 Airport Rd. St. Paul, MN 55107 612-227-8108</p>

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

AIRCRAFT LOG

DATE	FLIGHT	TO	NATURE OF	DURATION	ACCUMULATED TOTAL	SIGNATURE OF PILOT
19	 Cessna 210N, S/N 21064870 Modern N52MM 04-25-97 Avionics, Inc.			10000 Flying Cloud Drive Eden Prairie, MN 55347 612/941-2783 800/525-2783 Fax 612/941-0206 C.R.S. QI2R110L		
Removed IImorrow 618 Loran-C system and installed KLN89B GPS System and Mid-Continent MD41-528 Switch/annunciator. All work was done in accordance with mfrs. installation instructions and pertinent chapters of AC43.13 1A & 2A. See form 337 for details.						
<p style="font-size: small;">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.</p> <p style="font-size: small;">Pertinent details of the repair are on file at this repair station under Order <u>11414</u> Date <u>4-25-97</u></p> <p style="font-size: small;">Signed <u>Frank Nook</u> MODERN AVIONICS INC. C.R.S. QI2R110L Eden Prairie, Minnesota 55347</p>						
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__
9-4-97		Tach 361.7	Ronald L. Hickey	1997
			ATP 1459140	
1-15-98		Tach 408.2 TT 2346.2		1998
Completed annual inspection this date - checked all cables pulleys fittings etc. Repacked all wheel bearings. Replaced all brake linings. Rebuilt left wheel cyl. Repaired pilots door latch service brake & power pack reservoir. Checked EHT of fuel FAR 91.207 OK this date. Batteries due 1-99. C/W AD 87-20-03R2 seat track & rollers - OK this date.				
I CERTIFY THAT THIS			A/c	246
BEEN INSPECTED IN ACCORDANCE WITH			ST. PAUL FLIGHT CENTER	
AN A-W-N-K-A INSPECTOR AND HAS			270 Airport Rd.	
MAINTAINED TO BE IN AN AIRWORTHY			St. Paul, MN 55107	
CONDITION.			612-227-8108	
RONALD L. HICKEY A & P INSPECTOR I II				

52 MM 10/13/98

+441.	feet	A	OK
-1007.	feet	A	OK
-986.	feet	A	
-19.	feet	A	OK
+19.	feet	A	OK
+487.	feet	A	OK
+519.	feet	A	OK
+982.	feet	A	OK
+1019.	feet	A	OK
+1481.	feet	A	OK
+1524.	feet	A	OK
+1982.	feet	A	OK
+2022.	feet	A	OK
+2979.	feet	A	OK
+3028.	feet	A	OK
+3987.	feet	A	
+4031.	feet	A	OK
+6006.	feet	A	OK
+6033.	feet	A	
+8001.	feet	A	OK

FAA Certified Repair Station

(612) 228-9760

St. Paul, MN 55107

St. Paul Downtown Air

Port Road

Exceeding the standards

RC AVIONIC

REMARKS

periodic inspection of this mechanic, etc.

ALTIMETER REPORTING SYSTEM

I certify that these system components comply, fully or in part as indicated, with the following: FAR 91.411, FAR 91.413, FAR 91.217, FAR 43 appendix E/F and AC 43.6A.

WORK ORDER: 228218
AIRCRAFT #: 52 MM

ALTIMETER #1 ID 9519 CERTIFIED TO 20K FT

ALTIMETER #2 ID 388521 CERTIFIED TO 20K FT

ENCODER #1 ID 9519 CERTIFIED TO 20K FT

ENCODER #2 ID — CERTIFIED TO —

TRANSPONDER #1 SN 11626 MANUFACTURER ARC

TRANSPONDER #2 SN — MANUFACTURER —

Alon Jabre DATE 10/13/98
AUTHORIZED INSPECTOR

RC AVIONICS FAA CRS KP5R996M
ST. PAUL DOWNTOWN AIRPORT

DATE

19 98

10-14



R.C. AV
Exceeding

ST. PAUL DOWNTOWN AIRPORT
ST. PAUL, MN 55107
(612)228-9780

tach 555

R.C. AVIONICS FAA CRS KP5
October 14, 1998

Aircraft: N52MM Cessna
SN 21064870

Replaced HSI pn 52D136-1032 SN
6158 with overhauled exchange SN
133. Function test on ground
normal operation indicated.

WORK ORDER 22673S

Jeff Peterson
October 14, 1998

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. D79399	
4. ORGANIZATION CESSNA AIRCRAFT COMPANY CESSNA PARTS DISTRIBUTION DEPT. 702 5800 E. PAWNEE, WICHITA, KS 67218						5. WORK ORDER, CONTRACT OR INVOICE NUMBER D8127306	
6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK	
0005	DETECTOR	S1672 3	VARIOUS	1	343219	NEW	

13. REMARKS
THIS FORM IS NOT AN EXPORT APPROVAL

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

12-2-98 Tach 581.4: Replaced stall warning detector & installed S/N 343219.
 Ronald L. Harcey
 AIP 1459140

ST. PAUL FLIGHT CENTER
 270 Airport Rd.
 St. Paul, MN 55107
 612-227-8108

11-25-98
 2-5-99 Tach 604: Annual Insps. Comp. this date. Checked all cables pulleys & things etc. - Repacked all wheel bearings. Serviced brake & Power Pac Reservoir. Run Gear Retractor. Replaced ELT Bat. Next Due 1-01. ELT Checked per FAR 91.207(d). C/w AD 8740-03R2 skat tracks & K this date C/w AD 98-23-01. Vac pump drive N/A per S/N-

I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN (A/NNA) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Ronald L. Harcey
 RONALD L. HARCEY A & P IASBIAQ I A

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 St. Paul, MN 55107
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AIRCRAFT LOG

19	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
	8-25-99	Tach 701.8	Replaced all main wheel bearings & races				
			Replaced bearings, Ronald J. Harcey ATP 1459/40				
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	9-30-99	Tach 729.6	Removed ACU P/N C611007-2101				Installed
			VR801 S/N 9070738 Ronald J. Harcey ATP 1459/40				
	10-6-99	Tach 731	Removed defective ACU VR801 S/N 9070738				Installed VR801 S/N 9070739. Ground run check OK.
			Installed VR801 S/N 9070739. Ronald J. Harcey ATP 1459/40				
							ST. PAUL FLIGHT CENTER 270 Airport Rd. St. Paul, MN 55107 612-227-8108

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
Day	Bearing error	Place	Signature	19__	
	VOR 1 VOR 2				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.
5-18-00					Tech 790 to 2728! annual Insp. Comp. this date. Checked cables, pulleys, fittings etc. Repacked all wheel bearings - Resealed right wheel brake cylinders. Replaced left main tire & balanced. Serviced brake & power pack reservoir. Checked Fuel Per FAR 91.20(d) OK this date. Battery due 1-01 C/w AD 87-20-03 R2 seat track inspection OK this date. Replaced misc. light bulbs.
					I CERTIFY THAT THIS A/C WAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL EMPLOYER AND SELF INSPECTION TO BE IN AN AIRCRAFT CATEGORY I AM A MECHANIC 145 9140 IA Ronald L. Harney

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It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
 Where the user/installer work in accordance with the national regulations of an authority, 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 parts/components/ assemblies from the Airworthiness Authority of the country specified in Block 1.
 Statements in Block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certificate in accordance with the national regulations by the user/installer before the aircraft may be flown.

19

DATE	DESCRIPTION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
		HOURS	10THS	
10-27-00	Tach 934.1; Removed & Replaced right hand step retract cable. Inspected A/C & Repped cable. Ronald J. Haerzell AHP 145 9140			

OG
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REG #	N52MM	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	03-12-2001
MODEL	Cessna 210N		W/O	11724
SERIAL #	21064870		TACH:	971.3
			ACTT:	2909.3

1. Complied with an ANNUAL inspection in accordance with Cessna model 210 Service Manual Rev. III.
2. Removed and replaced with New, Engine induction air-filter P/N BA-2405.
3. Removed and replaced with New, ELT battery P/N BS2173 removed, P/N DMV-158-1 Installed.
Complied with FAR 91.207(d). **ELT Battery DUE** replacement **APR 2002**.
4. Complied with **AD87-20-03R2**, Seat tracks, And by SL/SE83-6 by inspection. **Next Due @ annual Insp.**
5. Complied with **AD93-05-06**, ignition switch, And By SEB91-5R1, By replacing switch with New P/N C292501-0106. **Next Due ACTT: 4909.3**.
6. Removed and replaced with New, Vacuum filter P/N D9-18-1.
7. Removed and replaced with New, Both vacuum relief garter filters P/N B3-5-1.

CAP

Service Letters -
IS LOG BOOK.

8. Removed nose wheel assy. Disassembled, cleaned and removed wheel bearing races. Installed two new races P/N LM67010. Reassembled wheel assembly. Packed two New, P/N LM67048 wheel Bearings and reinstalled wheel and tire assy. Leak checked, OK.
9. O2 bottle removed for Hydrostatic test. Capped lines. Refigure temporary Weight And Balance for bottle removal and installed in flight Manual. Installed "Oxygen System INOP" placards.
10. Repaired broken ground wire on tail Nav Light system. Operation checked, OK.
11. Replaced with New, post light lamps P/N 327 on fuel shut off and O2 shut off.
12. Replaced with New, Rudder Trim Wheel lamp P/N 1820, operation checked, OK.
13. Replaced with New, right overhead flood light lam P/N 308, operation checked, OK.
14. Removed light corrosion from inside battery Box, treated box and painted.
15. Removed Shimmy Dampner, Disassembled, cleaned, inspected and resealed. Reassembled, serviced and reinstalled.
16. Removed engine intake air box duct. Fabricated doubler of 2024-T3, .025 and installed with MS20470AD-4-4 rivets. Reinstalled air box duct.
17. Removed and replaced with New, Both left and right cowl flap control rod Lord Mts. P/N 52087-1.
18. Removed and replaced with New, Fire sheaving P/N AE7013106H0154 on fuel line from filter bowl to engine.

I certify that this Aircraft has been inspected in accordance with an ANNUAL Inspection and was determined to be in Airworthy condition.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/S ARE ON FILE AT THIS FACILITY.

DATE MARCH 12th, 2001

SIGNED Kevin K. Watrous
Kevin K. Watrous

VOR Rec
in record
Date
Bearin
VOR 1

MEMORANDA

Date

Work AD 87-20-03 191. inspect seat track, roller, ^{seats} pawls, each annual
Mercedes A/C products. Lub igniter sw each 2000M A093-05-06. Report aviation