

OLA

Cessna®



AIRCRAFT LOG AND MAINTENANCE RECORD

N 7309 Y SERIAL NO. R18200115

#1

FEDERAL AVIATION ADMINISTRATION

Note: *Indy. Light Bulb - No 4591*
1978
Cessna® G.E.

AIRCRAFT LOG AND MAINTENANCE RECORD

Record of Cessna R182 R18200115 N 7309
Make Model Serial Certificate

With Engine Lycoming 0-540-D3C5D L-195064
Make Model Serial

From _____ 19____ to _____ 19____

Detailing Time From _____ Hours To _____ Hours

Owner Prop - Mc Carley - B 20 34 C - 214/90DHB-8

Address Hub. Serial - 778 939 Low 15.8° Height 29.4° Dir. 82

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT	
					HOURS	10THS		
1978 Jan. 4	Jet	Local	Test	1	2	1	2	Gerry R. T.

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
Bearing error	Place	Signature		
VOR 1	VOR 2		19__	

I have inspected this aircraft and found it to comply with FAR 21.183. All mandatory changes have been incorporated. The altimeter instrument was tested 11-16-77 to an altitude of 20 thousand feet and found to comply with Appendix E of Part 43. Automatic pressure altitude reporting equipment was tested and found to comply with Appendix E of Part 43, and calibrated N/A in compliance with FAR 91.36(b). The ATC transponder was tested and inspected N/A and found to comply with Appendix F of Part 43. The static pressure system was tested and inspected in accordance with FAR 91.170, and a Standard Airworthiness Certificate dated 1-12-78 was issued by me.

[Signature] Executive Engineer
Cessna Aircraft Co., Pawnee Div.
Delegation Option Manufacturer, CE-1

by *[Signature]*
L. E. Spalding

AIRCRAFT LOG

DATE 19 <u>78</u>	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10ths	
<u>2/6/78</u>			<u>Installed Alcoa EA-35-6PB EGT System this date. See Wt/Bk Report For Additional information.</u>			<u>9.6</u>	
							<u>William J. Johnson</u> <u>FAA # 15K 724</u> <u>Gillis Avionics</u>
<u>2/7/78</u>			<u>Installed King KMA-30, KX-170B with KI-214 VAV KX-170B VAV/COM with KI-208 VAV/KOC, KR-200 KI-78 TRANSPONDER, KD-61 DME, AARCO AR-500 BLEED EXHAUSTER, King KA-39 VOR/AGE converter PC-12A VOLTAGE converter with associated data and COBRA CIRCUITS BOARD AND IN ACCORDANCE with KING and AARCO installations manuals and wiring diagrams.</u>				<u>William J. Johnson</u> <u># 3448</u> <u>Gillis Avionics</u>

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

MAJOR REPAIR AND ALTERATION

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE 19 _____	REMARKS <small>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.</small>
Hearing error	Place	Signature		
<u>Yes</u>				<u>I certify that the transponder test and inspection has been required by FAR 91.177 has been performed and found to comply with FAR 43 Appendix E.</u> <u>GILLIS AVIONICS</u> <u>FAA REPAIR STATION # 3448</u> <u>LOGAN FIELD</u> <u>BELLINGS, MONT. 59103</u>

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
4-14-78	TACH 75						
①	INSTALLED	NEW GYRO HORIZON	(661076) 0105 SN. 26580				
②	INSTALLED	NEW DIRECTORIAL GYRO	(661076) 0105 SN. 57522F				
③	INSTALLED	NEW TURN COORDINATOR	5400-7425-1 SN. 3-1140				
<p>END — SERVICE CENTER SURVIVAL INC. 1200 E. 12th St. #4193 <i>Bob Luoma</i> A/P 517004687</p>							
Local Field		Billings, Montana					
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

VOI Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Hearing error	Place	Signature	10	
VOI 1	VOI 2			
	6/1/78	Tach 111		Date 8/31/78 Tach 208
		Check reflections normal		① installed new cd Receiver OBE
		Checked fuel strainer.		_____
		Checked A/C		AKH with make
		Checked window hinges		A/P 516227180
		Checked mirror items on A/C		
		Checked w/o # 425 U.S.		
		END		
	07/78	W/O # 425		
I certify that this <u>Receiver</u> has been inspected in accordance with a <u>100-HR</u> inspection and was determined to be in air-worthy condition.				
The Results <u>#13</u>				
Signed <u>AKH with make</u>				
Endorsement <u>A/P 516227180</u>				
SERVICE CENTER SURVIVAL INC. Certified Repair Station #4193				
Local Field		Billings, Montana		

POWERPLANT

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 <u>10/21/78</u>		<u>T.T. 208</u>		<u>10-21-78</u>	<u>WD, #891</u>	<u>TACH. 20</u>	
① INSTALLED OIL TEMP GAGE. ② REPLACED TRANSISTOR FOR RADIO LIGHTS ③ CHARGED BATTERY ④ SERVICED A/C ⑤ CLEANED MAIN FUEL STRAINER				<u>REPAIRED AFT LOWER FUSelage</u> <u>FROM STA. 17200 TO 230.14.</u> <u>INSTALLED NEW HORIZ. STABIL.</u> <u>ELEV. TRIM TABS. ELEV. TIP TABS.</u> <u>10K BOOTS. SEE FORM 33</u> <u>DATE 10-21-78 FOR DO</u> <u>END</u>			
Date: <u>10-21-78</u>		WO# <u>10-77</u>					<i>[Signature]</i> <u>J.A. 1518766</u>
I certify that this AIRCRAFT has been inspected in accordance with a <u>periodic</u> inspection and was determined to be in air-worthy condition.							
Pilot: <u>208</u> Name: <u>Joe A. Puzola</u> License: <u>A7 5750 9/26</u>							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

(Airframe, Powerplant, Propeller, or Appliance)

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25 Hourly error: _____ Place: _____ Signature: _____ VOR 1 VOR 2			DATE	REMARKS
			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.
				<u>Tach 42604</u> <u>Changed Right Master Tire</u> <u>Changed Brake lining</u> <u>Replaced Battery New</u> <u>End</u> <u>Mary D. Jensen</u> <u>A7 516-664273</u>
I certify that this AIRCRAFT has been inspected in accordance with a <u>periodic</u> inspection and was determined to be in air-worthy condition.				
Tag: Reads <u>0</u>				
Signed: <i>[Signature]</i>				
License: <u>J.A. 1518766</u>				
KYNCH FLYING SERVICE, INC. Certified Repair Station #4198 Logan Field Billings, MT				

F

Form Approved
Budget Category: 40-100-0000
FOR FAA USE ONLY
OFFICE IDENTIFICATION

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.7-1 (or subsequent revisions thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE Cessna	MODEL R182
	SERIAL NO. R18200115	NATIONALITY AND REGISTRATION MARK N7309Y
2. OWNER	NAME (As shown on registration certificate) D & D Aircraft	ADDRESS (As shown on registration certificate) Box 358 Hardin, Mt. 59134

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
				REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****			X	
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

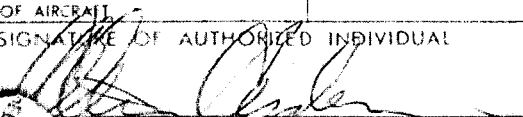
A. AGENCY'S NAME AND ADDRESS Lynch Flying Service, Inc. Logan Field Billings, Montana 59101	B. KIND OF AGENCY U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION MANUFACTURER	C. CERTIFICATE NO. CRS 4198
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D. I certify that the repair and or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE 10-21-78	SIGNATURE OF AUTHORIZED INDIVIDUAL 
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7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA FLT STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	<input checked="" type="checkbox"/> REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 10-21-78	CERTIFICATE OR DESIGNATION NO. CRS 4198	SIGNATURE OF AUTHORIZED INDIVIDUAL 		

NOTICE

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

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

Repaired lower fuselage from Station 172.0 to 230.18.
Installed following new parts:

1. 1 each 0712525-3 skin
2. 1 each 0712627-6 stringer
3. 1 each 0712627-22 stringer
4. 1 each 0712612-8 bulkhead
5. 1 each 0712611-4 bulkhead
6. 1 each 0422344 ring

Replaced horizontal stabilizer, elevator, elevator trim tab and left elevator tip. Installed following new parts:

1. 1 each 1232600-7 stabilizer
2. 1 each 1234600-2 elevator
3. 1 each 1234613-1 trim tab
4. 1 each 1234608-3 tip
5. 2 each S1938-3-68.00 boot.

All repairs accomplished in accordance with manufacturers service manual, A.C. 43-13-1 and 2.

-----END-----

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 10-29-79	TAC Co 4-8 WO# 962						
	INSTALLED O.H. TURN COORDINATOR		DATE 6-27-80	ED	769	145	
	MO# 1394 T 160 S/N 4-788-880		Chw 52-90-07		84	100	
	O.H. BY "THE CYRO HOUSE" WO# 28888		SK 182-58A				
	RULES TAGS IN FOLDER		19100				
	LYNCH FLYING SERVICE, INC. Certified Repair Station #4198		12/1/80				
	Logan Field Billings, Montana						
19-03-80	TAC 8235		Chw AD 90-05-07 STEWART WARNER OIL (Calk R-A)				Does Not Apply
	SERIAL NUMBER (340)		END				
	James C Stewart						
	R+P 501601240						

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

(Airframe, Powerplant, Propeller, or Appliance)

AIRCRAFT LOG

Will receiver operation checked in accordance with FAR 91.25		DATE	REMARKS
Bearing error	Place		
VOH 1	VOH 2	19	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
		07-81	TAC 853
			REPAIRED AIRCRAFT
			FUNCTION OK NORMAL
			CHANGED FUEL STRAINER
			REPLACED WHEEL BEARINGS
			REPLACED RT BRAKE PADS
			PAINT DUE OCT '83
		03-7-81	WO# 236
			I certify that the altimeter and static system tests required by F.A.R. Part 91.170 have been performed. The altimeter has been tested to 20000 ft.
			Signature <u>James C Stewart</u>
			Date <u>4/10-81</u>
			Certificate No. <u>2264598</u>
			AEROTRONICS, INC.
			Ph. 259-5006 - 259-4323
			Logan Field - Billings, Mont. 59101
			F.A.A. Station 3167
			853
			Leonard Pitter
			T.A. 556022902
			Certified Repair Station #4198
			Billings, Montana

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
<p>Date <u>4-16-51</u> Aircraft Total Time _____</p> <p>I certify that the Transponder Test & Inspection required by FAR 91.177 has been performed and found to comply with FAR 43, Appendix F.</p> <p style="text-align: center;">AEROTRONICS, INC. Ph. 259-5006 - 259-4323 Logan Field-Billings, Mont. 59101 F.A.A. Station 3167</p> <p><u>[Signature]</u> Signed</p> <p>CRS # <u>3167</u></p>							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

(Airframe, Powerplant, Propeller, or Appliance)

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25		DATE	REMARKS
Hearing error	Place		
VOR 1	VOR 2	19	
		4-16-51	<p>TT 1046.9 hrs</p> <p>1. Service airman</p> <p>2. Grease gear</p> <p>3. Grease wheel bearings</p> <p>4. Gear retract ok</p> <p>5. Rotate main tires</p> <p>6. Replace brake pads right main gear</p> <p>7. Clean hydraulic filter</p> <p>8. Clean fuel strainer</p> <p>9. Remove and reset nose strut and reinstall and tilt</p> <p>10. Repair tilt adjust lever on co-pilot seat</p> <p>11. Other maintenance items on file LFS WO # 291</p> <p style="text-align: center;">END</p>

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 4-8-83	Tech 1195.0	TIT 1195.0					
<p><i>Lubed each all controls, cables + pulleys - ch. batt. - ch. EIT - ch. h. ch. replaced eyebrow light bulb - ch. wheels, tires + bearings - packed wheel bearings - replaced bearings cups left main - replaced oil tanks quick oil ch. fuel serv. - gear rotation check - cleaned a/c</i></p> <p style="text-align: center; font-size: 2em;"><i>annual insp</i></p> <p style="text-align: right;">I certify that this aircraft has been inspected in accordance with annual inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;"> <i>James D. McDaniel</i> James D. McDaniel A&P 1363090AI </p>							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

DATE	REMARKS
19 4/8/83	<p>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.</p>
<p>DATA (A) Static System <u>4/8/83</u> (date)</p> <p>DATA (B) Altimeter (s)</p> <p>Pilot's <u>UNITED</u> C/P's _____ Altimeter _____ S/N <u>3691</u> S/N _____ Tested to <u>2000</u> (Date) <u>2-14-83</u> Signature <u>Samuel [unclear]</u> (Name of Repair Station) <u>Star Aviation</u> (FAA Approved Repair Station No.) <u>D-06-8</u> (Location) <u>SPARTRISH, S.D.</u></p> <p>DATA (C) Intercom System Test <u>4-8-83</u> (date)</p> <p>Signature <u>Sam Mc [unclear]</u> (Name of Repair Station) <u>Western Electronics</u> (FAA Approved Repair Station No.) <u>7053</u> (Location) <u>Spokane, Idaho</u></p>	
<p style="font-size: 0.8em; margin: 0;"> This inspection has been tested in accordance with FAR 43, Appendix E, on 4-8-83. Retest date: 4-8-83. Western Electronics, Ltd. 8001 Signet Blvd. Spokane, WA 99208 Model: 478 </p>	

DATE

Date 2-7-84 Engine Time 1328

SIGNATURE OF PILOT

19
2-7-84
See (u)

Installed the TAS-100 preheater system S/N 5521 in accordance with Tanis Aircraft Services instructions and drawings No. 100T

engine had to
366076

Name Gregory A. Campbell Mechanic # AP474566076

3-18-84	Overhauled prop by Maxwell Aircraft Model B2D3 4C214/902A-B Serial 778434 Complied with McCleley S.L. #1975-3, Governor Overhauled by Maxwell Aircraft Model C290D3-E/TA2 Serial 880084E, Complied with McCleley Bulletin #1344 - Service Letter #1982-3 or #1980-4 Installed on Aircraft Samuel R. DeLuca AIP 171108
3-18-84	prop time 0 smth Tack time AT OH 13610

(Frank)

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

AIRCRAFT LOG

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 2-18-84 TT: 1361.0 Tack: 1361.0

- Checked following Tack: (Retraction)
- | | |
|--|---|
| Lndg. Gear <input checked="" type="checkbox"/> | Battery-Elec. Syst. <input checked="" type="checkbox"/> |
| Wheels & Bearings <input checked="" type="checkbox"/> | Tail Group <input checked="" type="checkbox"/> |
| Lub. Aircraft <input checked="" type="checkbox"/> | Propeller-Lub. <input checked="" type="checkbox"/> |
| Fabric - Skin <input checked="" type="checkbox"/> | Radio - Lites <input checked="" type="checkbox"/> |
| Wings, Attach. <input checked="" type="checkbox"/> | Antennas <input checked="" type="checkbox"/> |
| Cables - Pulleys <input checked="" type="checkbox"/> | Fuel System <input checked="" type="checkbox"/> |
| Cabin-Cockpit Equip. <input checked="" type="checkbox"/> | Windows <input checked="" type="checkbox"/> |

All AD's thru → C. W. See last page of log.

I certify that this aircraft has been inspected in accordance with a _____

Annual inspection and was determined to be in airworthy condition.

Signature Samuel R. DeLuca A. I. No. 171108

AIRCRAFT LOG

1461
1350

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
1984							
3-84	Installed New Ekt Battery Pack				8-13		John D. O'Brien
			Expired - 12-85				
May 6 1984							
T.T. = 1461:00 hrs TACK = 1461:00 hrs Prep. T.T. = 1461:00 hrs Prep. TACK = 111:00 hrs Replaced L. main trans. Seasonal Bat + Power Pack. Retraction completed. Dressed Prop. Blades. Lubed central hinges. Repaired glove box latch. A.D.'s Checked + found correct. I certify that this aircraft has been inspected in accordance with a 100 hr. Insp. and was found to be in airworthy condition. note AD. 83-13-01 - Fuel Tank Caps for leakage - C.W. and placed installed.							
Donald G. Mason - 1213033-1A.							

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

AIRCRAFT LOG

5544

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature		
VOR 1	VOR 2		19	
			7-11-84	T.T. 1557.0 hrs. Installed New prop Cable, Re. and Vacuum pump AD 84-10-01 C.W. According to Service Letters 79-45, 82-349, 84-8, 84-9

Date 7-11-84 T.T.: 1557.0 Tack: 1557.0

Checked following Tack: (Retraction)

Lndg. Gear <input checked="" type="checkbox"/>	Battery-Elec. Syst. <input checked="" type="checkbox"/>
Wheels & Bearings <input checked="" type="checkbox"/>	Tail Group <input checked="" type="checkbox"/>
Lub. Aircraft <input checked="" type="checkbox"/>	Propeller-Lub. <input checked="" type="checkbox"/>
Fabric - Skin <input checked="" type="checkbox"/>	Radio - Lites <input checked="" type="checkbox"/>
Wings, Attach. <input checked="" type="checkbox"/>	Antennas <input checked="" type="checkbox"/>
Cables - Pulleys <input checked="" type="checkbox"/>	Fuel System <input checked="" type="checkbox"/>
Cabin-Cockpit Equip. <input checked="" type="checkbox"/>	Windows <input checked="" type="checkbox"/>

All AD's thru → C. W. See last page of log.

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

Signature Samuel R. DeLucca A. I. No. 1917108

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19	TRANSPONDER CHECK RELEASE						
I certify this transponder, Model <u>KT78</u> , s/n <u>35270</u> , meets performance checks specified by FAR Part 91.172. Date <u>7-26-84</u> .							
Signature <u>Lee C. Wilson</u> Type of Certificate/Number <u>R-1 2523194</u>							
for CFS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.							
<p>Sept 5, 1984. T.T. = 1660.00 hrs. TRACK = 1660.98</p> <p>Prop. T.T. = 1160.00 hrs. Prop. T.S.O.H. = 310.00 hrs</p> <p>Retraction completed, Serviced hyd. Res. Dressed down Prop. Blades, Lubed aircraft, hinges, etc. Searched loose bolts to socket behind pedestal.</p> <p>I certify that this aircraft has been inspected in accordance with a 100 hr. Insp. and was determined to be in airworthy condition.</p> <p>Donald B. Mason - 1213033-1A.</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	Place	Signature		
	VOR 1	VOR 2		19	
Nov 4, 1984					<p>T.T. = 1758:00 hrs TRACK = 1758:00 hrs</p> <p>Prop. T.T. = 1758:00 hrs - Prop. T.S.O.H. = 408:00 hrs</p> <p>Retraction completed. Lubed aircraft, freed up heater control & throttle. Inspected fuse switch.</p> <p>I certify that this aircraft has been inspected in accordance with a 100 hr insp. and was determined to be in airworthy condition.</p> <p>Donald B. Mason 1213033-1A.</p> <p align="center">ANNUAL INSPIV</p>
Feb 4, 1985					<p>T.T. = 1860:00 hrs TRACK = 1860.00 hrs</p> <p>Cleaned interior and under belly, lubed controls. Installed winter fronts, Retraction OK, lubed gear and tightened nose steering arm bolts. Serviced tires, But. Res. etc.</p> <p>I certify that this aircraft has been inspected in accordance with a annual 100 hr insp. and was determined to be in airworthy condition.</p> <p>(annual Insp A) Donald B. Mason 1213033-1A.</p>

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
Feb 25, 1985	Edo Air/ARC		Installed Dir. Gyro (Autopilot)				
	P/N - 10262-005-20		ARC G 502A				
	Overhauled by Mitchell A/C Instruments - Inc.		Donald S. Mizer				
					12	13033	1A

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

FAR FORM 337 (7-77)

This altimeter has been calibrated by the most accurate

Airplane No. 73094

ALTIMETER SCALE CORRECTION CHART

AIRCRAFT LOG

REMARKS

VOR Receiver operation checked in accordance with FAR 91.25

Bearing error	Place	Signature
VOR 1	VOR 2	

5/9/85 Tech 19356.9

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.

The static pressure system and altimeter instrument were inspected and tested 5/9/85 to an altitude of 20 thousand feet and found to comply with FAR 91.171. The ATC transponder was tested and inspected N/A and found to comply with FAR 91.172(a). Automatic altitude reporting equipment was tested and calibrated N/A in compliance with FAR 91.36(b). Transponder manufacturer N/A S/N N/A Signature Mark A. Wilson for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302

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 0935, Date 5/9/85. Signature Mark A. Wilson for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
May 15, 1985			Following items corrected as per FAA write-up dated May 13, 1985: alt. Belt Tightened - Rudder trim adjusted for proper travel - Fuel Selector Freed for better movement & detent Replaced Brake Linings - Rt wheel. Removed tapes from Taxi light Switch (Plastic) and re-installed. Both wing tips repaired (Donald B. Mason)	12130	33	17	
			(Taxi light bulb replaced also) Installed diode in between Andy. light Switch				

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

FAR FORM 337 (7-77)

AIRCRAFT LOG

1962.
1366
601.

VOI Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Hearing error	Place	Signature	19__	
VOR 1	VOR 2			

Date June 11, 85 Tach/Hr. Meter 19620 Total Time 19620 Performed Prop. IT. = 1962.00 hr
Prop. TSOH = 601.00 hr
 No maintenance and lubrication as per Cessna service manual. Inspected I.A.W. Northern Wings's part 135 operations specifications manual the ELT, Fire Extinguisher, Floatation Gear, and pyrotechnic signaling device.

AD 84-2602 By Replaced Carb. air Filter Next Due At 24620 hr every 500 hr
 AD By Next Due At
 AD By Next Due At

Replaced diode in Andy light circuit, tightened nose gear assembly arm bolts, vac. Relief Filter replaced, down distribution completed as per Cessna Insp. guide on locks checked

I certify that this aircraft has been inspected in accordance with annual inspection and has been determined to be in airworthy condition. Name Donald B. Mason Certificate Number 1213033-1A

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 <u>Sept 3, 1985</u>	<u>Retraction</u>		<u>TT = 2062:00 hrs</u>				
	<u>Replace this light, new brake linings, & wheel</u>		<u>Completed - Checked down lock, and high</u>				
	<u>to be installed only - Inflated nose strut. Tubed Control</u>						
	<u>I certify that this aircraft has been inspected in accordance with a annual Insp. and was determined to be in airworthy condition.</u>						
			<u>Donald S. Mauer</u>				<u>1213033-1A</u>

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

FAA Form 337 (7-67)

AIRCRAFT LOG

Date	VOH Receiver operation checked in accordance with FAR 91.25	DATE	REMARKS
	Bearing error VOR 1 VOR 2	19 ____	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
	Place Signature		
<u>11-26-85</u>	<u>Tac. 2148.5</u>	<u>TT 2148.5</u>	<u>Installed New flap up Switch, Attraction</u> <u>Check Completed, Installed New break lining on Right Gear</u> <u>I certify that this aircraft has been inspected in accordance with</u> <u>a Annual Inspection - was determined to be in airworthy condition</u> <u>Samuel R. DeLuca IT 1917108</u>
<u>1-18-86</u>	<u>Tac.</u>	<u>TT</u>	<u>Installed New Flap down switch #S1926-1</u> <u>4 New F-1T Battery CS875-12 Good through July 1987</u> <u>Sam DeLuca APR 1917108</u>
<u>7-25-86</u>	<u>Airplane Time 2348:04 hrs.</u>		<u>Tachometer checked OK</u> <u>Propeller serviced as needed (oil Seal)</u> <u>Installed new alternator belt</u> <u>KE Maxwell AYE 90264-41</u>
<u>Installed <u>McLaren B2D34C 214/90 D4B-8 Propeller</u></u> <u>Serial No. <u>198939</u>, which was overhauled</u> <u>by <u>MAXWELL AIRCRAFT SERVICE, INC. "PROP SHOP"</u></u> <u>MINNEAPOLIS, MINN., REPAIR STATION NO. 3725.</u> <u>A description of the repair is on file at that</u> <u>agency under Work Order No. <u>82278</u></u> <u>Dated <u>7-25-86</u>.</u>			

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
C/W AD 78-09-07 5/B	599B	Bombay					
C/W AD 83-13-01 - PPL (1)							
Replaced CRANK LININGS.							I certify that the AIRCRAFT has been inspected in accordance with ANNUAL inspection and was determined to be in a satisfactory condition. Tech. Time 2150.1 Hrs TOTAL Date 10 Feb 89 E. J. [Signature] 1038020 APT
ALL THREE MAG. LAMP REPAIRS R/COWL FLAP AND SOUNAL LOUSE RIGID IN THE A/C.							
Replaced MAIL TOOL							prep. off 1984 w/o 770 Maxwell. 1089 TSMOH
FIRST AILED NEW AUG. FUEL PUMP SW.							
E. J. [Signature] AD 1837890 AD							
9-MAR-89							

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

AIRCRAFT LOG

With In-cylinder operation checked in accordance with FAR 91.25			DATE	REMARKS
Hearing error	Place	Signature		
VOR 1	VOR 2		19	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown. I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in a satisfactory condition. Tech. Time 2640.30 Date 10 Feb 89 E. J. [Signature] 6 & 1 [Signature]
				New R/B LAMP 40-0003. New TAIL CONE installed New INST. 1818 LAMP installed New CAL. FILTER Replaced CRANK LININGS Replaced MAG. METAL Removed New E-L-T BATT. Feb. 1990 ACFT TT 2640.3 ENG. TT 2640.3 prep off 1279.7
				AD 87-10-06 N/A AD 81-18-04 (R) N/A AD 86-24-07 c/w CASTILLATED NUTS INSTALLED.
				AD 78-09-07 PUC AT 2950. Hrs AD 83-13-01 FUEL CAPS c/w PPL (B/11-2). AD 87-20-03 c/w PPL (B/11-2).

MAINTENANCE RELEASE

DATE	FLIGHT FROM
19	
26 Sept. 89	Replaced
	propellers PA 112
	(R-182) ALSO
	Sealed Nose

TYPE OF UNIT Governor SERIAL No. 780089
 MANUFACTURER McCawley
 MODEL C290B3-E/T22
 The component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this agency under WORK ORDER No. 89205 DATE 3-13-90
 SIGNED HE McMichael FOR

MAXWELL AIRCRAFT SERVICE, INC.

CRYSTAL AIRPORT • MINNEAPOLIS, MINN. 55429
 FAA Approved Repair Station No. UF2R211L

NOTE: Work Performed On This Order Can Not Be Considered An Overhaul

DATE	FLIGHT FROM	TYPE OF UNIT	SERIAL No.	MANUFACTURER	MODEL	WORK ORDER No.	DATE	SIGNED	FOR
March 13-90	Tach Reading	9932.5 Hr.							
	Medi (C290B)	3-E/T22	SN 780089	McCawley	C290B3-E/T22	89205	3-13-90	HE McMichael	FOR
	Maxwell Aircraft Serv.		159+194						
			PO # 89205						

NOTE: Work Performed On This Order Can Not Be Considered An Overhaul.
 HE McMichael A/E 90264-11

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

AIRCRAFT LOG

DATE	REMARKS
AD 83-13-01	Fuel CAP INSTN'
B, 1	KIT SK 182-85 INSTALLED
GEN? TEST	CRK 36 87-34R
87-80-03	seat track part 11 5183-6 AND part 11-1-1-1-1
87-07-07	MAG impulse Dur AT 34 88.7 HRS
87-05-92	

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in a airworthy condition.
 Tach. Time 30288 TOTAL
 Date 8 Aug 90
 Signature [Signature]
 No. 1024890 A 21

MEMORANDA

Date 11- Nov- 90 Tach 3095.8
 Installed Cessna Seat Stop Kit in accordance with Installation Instructions P/N seat Kit 2
 Installed New Main tires - tubes booyear Flight Custom II 15x6.00 - 6 packed bearings, Replaced Lt brake pads, Replaced 2 Bushings Nose gear drag link P/N WAS 77-3-23
 Replaced bolt WA4-31 top drag link, Replaced nose gear down lock Tee P/N 98802024-1, Installed O/H EGT unit see yellow tag, Installed prop spinner Faring, Serviced Lt brake master cyl, Replaced Vacuum Filter Cartridge P/N D-9-181

Bruce G. Johnson AP475801675

Airborne

Air Filter Change Reminder

Changed at 3095.8 Hrs. Next Change: 3595.8 Hrs.
 11-27-90 Date



R 182-

Serial . 00115

MEMORANDA

11-01-80-17-14 Bendix Mag sec entry 3-1-81 in entry log Johnson/Palmer
 Leaking fuel caps - C/W Placard installed Dem memo 1213033
 Robertson STC STOL mod: N/A
 aileron hinge pins - N/A this Serial
 C/W SE79-45, SE82-34, SE84-8, SE84-9 Water in fuel cell - NO WRINKLE BY SAM DELUCA - 1917109 IA. (7-11-84)

Prop. A.D.S. McCauley - model B 20 34 C 214
(Has no grease fittings)

MEMORANDUM Serial - 778939

Date Note Prop. overhauled 3-18-84 (Maxwell) @ 136100

AD Number	Subject	Date and Airframe Total Time In Service at Compliance	Method of Compliance	Compliance	Signature	Next Comp. Due Date/Hours	Author/Signat Number
71-22-01	Cracks in Nose Cover Fork		NA due to check				Willow M 20 AP 544255
72-07-01	Crack and loose bolts line Rudder		NA due to S/N				Willow M 20 AP 544255 Willow M 20
72-17-01	Fuel transfer pump		NA not installed				AP 544255 Willow M 20
75-10-01	Wing fuel tanks		NA due to model				AP 544255 Willow M 20
77-04-05	Carb air intake		NA by S/N				AP 544255 Willow M 20
77-23-11	ELT Installation		NA by model				AP 544255 Willow M 20
78 01 14	ELT Installation		NA by model				AP 544255 Willow M 20
79 25 07	Alternator Ground		NA Lycoming ENG				AP 544255 Willow M 20
83-22-06	airflow Herize Puni		N/A Serial				Don Mac 121303
ENG 78-09-07	Bendix mag computer Imp.	mag. Replaced @ 1626.0 TACK	Imp. or Replace		X	2126.0 TACK.	SAM DE 1917109
ENG 84-26-02	Inductropy air Filter / Kapp	1962:00 hrs June 11, 85	Imp. - 100 hrs Repl. 500 hrs dis again at		X	Replace every 500 hrs 2462:00 hrs	Don M 12
prop	Prop. @ Haul	1368.00 hrs 3-18-84	01 haul		X	2861.00 or 500 hrs	Don M 1213-33
78-09-07	Bendix MAG	2450.1	S/B 579B		X	2990.0	ET
86-24-07	CASTALLOYED NUTS	2640.3	S/B 79C		X		ET
87-20-03	SOAT TACK	2640.3	S/B 836		X		ET
83-13-01	Fuel CAP	2640.3	Part 131100		X		ET
78-09-07 13	Bendix Impulse Coupler	1-25-83 Trans 333615	S/B 544B		X		ET