

Cessna®

1990-2000



AIRCRAFT LOG AND MAINTENANCE RECORD

N 1557T SERIAL NO. 414-0272

#3

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
19 90							
6-15-90	Original Logs	Lost -	Times are taken from				
			maintenance records at Pocatello Avcen Ter, Pocatello				
			Idaho -				
NEW 5-1-88	Hobbs meter now	483	Total Time is	44	16	Hours.	
	MAINTENANCE HIGHLIGHTS SINCE 4-2-87 -						
	7-8-87 Hobbs 1536 -	Replaced R. Inline Boost Pump					
	8-24-87 " 1560 -	REPLACED EX. CLAMPS - MISC EX REPAIRS					
		1580 - MAJOR OH BOTH ENGINES -					
	4-1-88 " 1690 -	NEW O - NEW HOUR METER - Annual Inspection -					
		cabin door Seal - AD 87-23-11 Fuel line Insp + MOD - 87-12-02					
		all NEW FUEL CAPS + restrictions - PERAD 87-21-02					
	DATE ? Hobbs 228 -	Annual Insp - MET 85-7A - MIN GEAR upper					
		BEARINGS - AD 90-2-13, MET 88-7					
	8-1-88 Hobbs 326 -	NEW POINTED ECT - NOW EXPIRES 6-1-92 - Replaced R.					
		dump Valve -					
	NOTE:	PROPS and GOV. Times 4416 - 4416	TT				
			LAST OH R. 2553 6-10-78				

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

AIRCRAFT LOG

[illegible]

AIRCRAFT LOG

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

AIRCRAFT

LOGBOOK INSERT

AIRCRAFT MAKE CESNA MODEL 414
 N NUMBER N1557T SIN 414-0272

8-3-90 HOBBS 501.2

REWEIGH AIRCRAFT AND COMPUTE WT. AND BAL.

SEE FORM DATED 8-3-90.

REF. W.O. G3922 DATE 8-2-90

F.A.A. Repair Station S01-3



FE6R532N
 WESTERN AIRCRAFT MAINTENANCE, INC.
 A MORRISON KNUDSEN COMPANY

Authorized Signature Demetrius A. Smith Date 8-3-90

4444 AERONCA STREET, BOISE, IDAHO 83705
 PHONE: 208-386-6565 800-635-5000

CARRY FOR

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
91	VOR 1	VOR 2		19	
7-15	Hobbs	611			Replaced Rotating Discs in both Brake assays - Repacked wheel bearings - Replaced seal in Left Tip Tank Drain
					DATE 7-15-91 T.T. IN SERVICE 4544
					AD'S CHECKED THRU: 91-12 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 1492545 (A)
					SIGNED: <u>William C. Draper</u>
9-1-92	Hobbs	641			Replaced ELT Battery now expires Dec '93 - Replaced wing Root VAC Filters Replaced Duct in nose for Heater supply line to cabin - Replaced stall warning horn Replaced Heater - OH - A/C Pressure tested Southwind 8472
					DATE 9-1-92 T.T. IN SERVICE 4574
					AD'S CHECKED THRU: 92-17 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
					SIGNED: <u>Ad W...</u>
					A+ P14544 2036

AIRCRAFT LOG

TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
			HOURS	10THS	
755.9					
The ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F.					
01-Mant. Collins Model DR-950 SN 17483					
02-Mant. N/A Model N/A SN N/A					
Details of this inspection are on file at this repair station under					
W.O.# A6436					
WESTERN AIRCRAFT AVIONICS • INSTRUMENT SHOP 444 AERONCA STREET • BOISE, IDAHO 83702 • CRG-FE8522H					
Signature <i>[Signature]</i> Date 8-27-93					

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		
93	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.
10-1	Hobbs	836.0			Completed Annual Inspection - Resealed Nose strut Replaced R. Engine Oil EX STAIN Assy P/N K9910295-14, V-bands, Fuel regulator P/N 642100-5R on Right Engine - Replaced Pointer GUT Battery Pack now expires DE95,
DATE 10-1-93 T.T. IN SERVICE 4769.0					
AD'S CHECKED THRU: 93-21 I CERTIFY THAT					
THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE					
WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED					
TO BE IN <u>GOOD</u> CONDITION.					
SIGNED: <i>Alan C. Bluff</i> 1492545 1A					

AIRCRAFT LOG

TURE OF
.OT

LOGBOOK INSERT

AIRCRAFT MAKE CESSNA MODEL 414
N NUMBER N1557T S/N 414-0272

Hobbs: 1042.4 Hrs. Bled right brake and serviced hydraulic reservoir. Subsequent operation normal. -END-

– Repairs – Service Letters –
FOR USE OF THIS LOG BOOK.
be shown.

Overhaul

Hydro Test

fw HTR Hobbs 194

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service this date 7 Feb 93. Pertinent details of the repair are on file at this agency under Shop Order No. 16-7346.

Dated 6 Feb 95 Signature of authorized Person [Signature]



WESTERN AIRCRAFT, INC.
A MORRISON KNUDSEN CORPORATION

4444 AERONCA STREET BOISE, IDAHO U.S.A. 83705 PHONE 208-338-1800
FAA CERTIFIED REPAIR STATION NO. FE6R532N

system

check

518762249

TANK

REMOVED ELT 1AW 91.207, (e), (10), (i) (ii) FOR
REPAIR FAILED TO COMPLY WITH AN 8150.3
NO AUDIO SIGNAL RESEALED LEFT TIP

—CONT—

DATE _____

19

CARRY FOR

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 "Particular" inspections and changes in propeller or engine - as outlined in the front of this book. Under the heading ALL DATA must bear the endorsement of a certificated mechanic, and his rating and name.
94	VOR 1	VOR 2			
11-1	Hobbs	-1007.4			Completed Annual Inspection - Tap Overhaul - Left Engine - Removed O ₂ bottle for hydro test - ELT exp 12-95 DATE 11-1-94 250 HR HTR Insp 4w HTR Hobbs 194 - T.T. IN SERVICE 4940.4
					AD'S CHECKED THRU 94-20 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN GOOD CONDITION.
					SIGNED <u>Allan C. Sleep 1492545 I.A.</u>
7-13-95	Hobbs	1083.9			Serviced Air Conditioning System with 1 Pound of Freon. Ops check good. Jeremy McKay ATP 518762249
1-17-98	Hobbs	1140.6			INSTALL "95" FAR CHANGE TO FUEL TANK INLET PLACARDED "AVGAS" ON OPENINGS REMOVED ELT IAW 91.207.(e).(10).(i)(ii) FOR REPAIR FAILED TO COMPLY WITH AN 8150-3 NO AUDIO SIGNAL RESEALED LEFT TIP

—CONT—

AIRCRAFT LOG

[illegible]

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91. 25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1	VOR 2			
1/31/96		Hobbs	1/41.8		IA Technology, Inc. This component was repaired and inspected in accordance with the current FAR's. See NOT 3919 for details Date 1/26/96 by: RTM for Q15R146N INSTALL GO-ELT-AFTER REPAIR C/W AN 8150.3-02 THIS INSPECTION ELT BATT EXPIRES 2/98 Darry Shipley A&P 520 589878

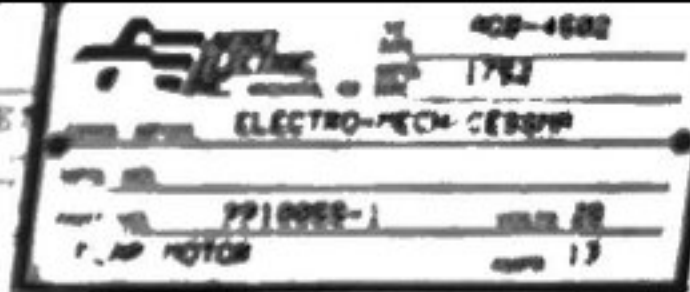
AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
1996 2-1-96	Hourmeter 1142.3						
I certify that the altimeter, automatic pressure altitude reporting and EL system tests have been performed and found to comply with FAR 91.413, Part 43, Appendix E.				The ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43 Appendix F.			
#1 Altimeter Model <u>8141B</u> SN <u>2341</u> Feet <u>25,000</u> Date <u>2-1-96</u>				#1 Trans. <u>COLLINS</u> Model <u>HO-950</u> SN <u>17483</u>			
#2 Altimeter Model <u>5434A</u> SN <u>97266</u> Feet <u>25,000</u> Date <u>2-1-96</u>				#2 Trans. <u>N/A</u> Model <u>N/A</u> SN <u>N/A</u>			
Reference W.O.# <u>A7364</u>				W.O.# <u>A7364</u>			
WESTERN AIRCRAFT 4444 ACHONCA STREET • BOISE, IDAHO 83706 • CRS-FE61532M				AVIONICS • INSTRUMENT SHOP 4444 ACHONCA STREET • BOISE, IDAHO 83706 • CRS-FE61532M			
Signature <u>[Signature]</u> Date <u>2-1-96</u>				Signature <u>[Signature]</u> Date <u>2-1-96</u>			
Aircraft Limited To Service Ceiling 25,000 FT Due To 25,000 FT Altitude Reporter. <u>[Signature]</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	REMARKS
Date	Bearing error	Place	Signature		
4-1-96		Hobbs 1168.4			Replaced Flap Motor Replaced Upper Flap limit switch Part # 621RWT 80 N/A Flap Push rod Tubes Part # 086200-57 R.Y. Plays as per Cessna Maint Manual Aug 1964 Part 518602172



AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	MIN.	
19							

LOGBOOK INSERT

AIRCRAFT MAKE CESSNA MODEL 414N NUMBER N1557T S/N 414-0272

Hobbs Time: 1142.3 Hr's. Auto-pilot was reported to porpoise in the pitch mode. Replaced the auto-pilot pitch servo with serviceable unit, serial number 4396. Removed unit is serial number 637.

MAINTENANCE RELEASE

Adjusted pitch servo cables. Aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service this date 21 FEB 1996.

Subsequent operation normal. Details of the repair are on file at this agency under Shop Order No. A 7369.
 Repaired broken wiring to 1 FEB 1996 Signature of authorized Person [Signature]

number 2 VOR receiver. Ramp tests are normal. -END-

WESTERN AIRCRAFT INC.

4444 AERONCA STREET BOISE IDAHO U.S.A. 83705 PHONE 208-338 1800
 F.A.A. CERTIFIED REPAIR STATION NO. FE6RS32N

CARRY I

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Braking Point	Place		
			19	

AIRFRAME LOG-BOOK ENTRY
 WORK ORDER 22095
 HOBBS: 1176.3 HRS

N1557T
 4-20-96

REPLACED BLOWN TIRE AND TUBE, R/H MLG. WITH NEW GFC II
 P/N 650 X10 10PR AND TUBE P/N 650 X10.
 PACKED WHEEL BEARINGS. - END -

BARKEN INTL. INC.
 SALT LAKE CITY UTAH
 FAA CRS 011591D
 WORK ORDER 22095
 AUTHORIZED SIGNATURE

[Signature]

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
97							
3-10-97	Hubbs	1303	1 A/C TT 5236	CHANGED	① LEFT POSITION LIGHT		
	C/W AD	84	26.02	PAPER FILTER ELEMENT BY REPLACEMENT			
	PN 9913001	DUE: 1803	C/W AD	75	23.08	RS	50 HR INSPECTION
	100 HR INSPECTION	AND CLAMP REPLACEMENT SECTION	④ 4 MUT				
	68892-250	AND ③ 2-4256	A3200	CLAMPS	DUE FOR REPLACEMENT		
	AT: 1703	INSPECTED	OC	50 HR	DUE: 1353	100 HR	DUE: 1403
	C/W AD	81-09-09	HEATER	DECA	TEST	HEATER	FAILED SENT
	IN FOR OVERHAUL	HEATER O/H	DUE: 2301	A/C Hubbs	DECA	DUE:	
	1553	A/C Hubbs	SEE YELLOW TAG	THIS PAGE	C/W	100	200
	Hour	INSPECTION	ITEMS	INSTALLED	4-320C	062-262	m
	CLAMPS	IN EXHAUST TUNNELS	C/W AN	8150-3	ELT	INSPECTION	
	AND MAINT	AT THIS	INSPECTION	DUE	8-98	BAT	DUE 2-98
	REPLACED	CENTRAL	VACUUM	FILTER	DUE: 1803	REPLACED	
	① AUX	QUICK	DRAIN	PN 172B	DATE	3-10-97	IN-SERVICE
					AD'S	CHECKED	97-04
					THIS	AIRCRAFT	HAS BEEN INSPECTED IN ACORDANCE
					ANNUAL	INSPECTION	AND WAS DETERMINED
					IN	AWORTHY	CONDITION
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE SIGNED <u>Mary Shupley AEP</u>							
528589878 FA							

AIRCRAFT LOG

WESTERN AIRCRAFT INC.
 6444 W AERONCA STREET SCHEFFAHO 83708 PHONE 208-338-1800
 F.A.A. CERTIFIED REPAIR STATION NO. F88333N

AIRCRAFT MAKE Cessna LOGBOOK INSERT
 NNUMBER N1557T MODEL 414
 S/N 414-0272

8 Aug. 1996 Replaced #1 Comm. with customer supplied replacement, ops check OK. Auto-pilot pitch servo tested for feedback and checks OK. Reinstalled auto-pilot computer and controller, retensioned Horizontal gyro pins. Tested system for sensitivity and centering, check OK. #2 Nav bench checked, tuned IFS, reset output level per MFG specs. Reinstalled and ops check OK. DME checked and checked OK.

-----END-----

MAINTENANCE RELEASE:

The aircraft and/or component identified above was repaired and inspected in accordance with the Federal Air Regulations and was found acceptable to return to service this date 8 AUG 1996
 Partner's name A. J. [unclear] are on file at this agency under their order no. AN [unclear]
 Dated 8 AUG 96 Signature of authorized person [Signature]

AIRCRAFT LO

Burlington Air Center

3106 Bieneman Rd. Burlington WI. 53105

Date 9/2/98

Hobbs 1386.7

Annual Inspection airframe only this date @ 5319.7 AFTT. All routine maintenance complete. Repairs as listed. Removed and replaced **ELT battery** with new. Complied with **FAR 91.207** ELT function test. No defects noted. Next due 9/99. Complied with **AD98-04-28** flight manual updated for icing conditions. Complied with **AD 76-02-07** inspection of alternator bearings. No defects noted. Next due @ 5419.7 AFTT. Removed and replaced fuel cap "O"-rings with new. Removed and replaced elevator trim tab hinge with new. Installed MicroAerodynamics Vortex Generators. See FAA Form 337 for details.

I certify that this airframe has been inspected in accordance with an Annual Inspection and was determined to be in unairworthy condition due to the following items.

- 1) AD 75-23-08 R5C inspection of exhaust system is due.
- 2) AD 95-24-05 R1 inspection of propeller is due.
- 3) Inspection of engines and propellers is due.

Sub-Renewed IA394908183

CARRY

LOG BOOK CERTIFICATE
AIRCRAFT LOG

07106

2000

[illegible]

LOG BOOK CERTIFICATE

Date
N1557T
Registration #



LUNKEN AIRPORT, CINCINNATI, OHIO 45226
FAA Repair Station No. CB1RO54K

WO #

Time

HOBBS ~~XXX~~ 1388.5 DATE 9-29-98 W.O. LEFT E5848

RIGHT E4367 REMOVED TIME EXPIRED ENGINE

S/M & LEFT 218637-R RIGHT 218689-R

AND INSTALLED OVERHAULED ENGINE SERIAL NUMBER

LEFT 218578 RIGHT 217787-72K

BY *[Signature]*

T. W. SMITH ENGINE CO., INC.
LUNKEN AIRPORT HANGAR #1
CINCINNATI, OHIO 45226

LOG BOOK CERTIFICATE

9-29-98
Date

N1557T
Registration #



LUNKEN AIRPORT CINCINNATI OHIO 45226
FAA Repair Station No. C11RO54K

R3396
WO #

1388.5 HOBBS

A.D.75-23-08 R5 inspection of exhaust system, 50 hour inspection complied with. This inspection is due in 50 hours. End

[Signature]

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME
18		N# 1557T	Preferred Air Maintenance Kidron, Ohio	Date: 10-2-98 TAF 5242.7	
		Airframe Entry S/N: 4140272 ACTT: ACTC: W.O. 4354	Hobbs: 13859 PISO: 539.6		
		1. Removed Props LH S/N: 760405, RH S/N: 702043 and installed 3AF 32C 93-NR props LH S/N: 791263 (TSO: 539.6), RH S/N: 760060 (TSO: 539.6). Run and ops ck good --END--			
Pertinent details of this work are on file under the above work order Signed: <i>[Signature]</i> A&P4466292471A					

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

"I Certify that this Attimeter Model: 1244 s/n 1244 and Static System test required by FAR 91.411 has been tested and found to comply with Part 43 Appendix E. Attimeter has been tested to 25000 ft. Next test due 10-10-98 Signed Ed's Avionics, Inc. Date 10-10-98 For CRS QEDR670L Ed's Avionics, Inc., New Carlisle, IN 46552

"I Certify that this ATC Transponder Model 1244 s/n 1244 test required by FAR 91.413 has been tested and found to comply with Part 43 Appendix F. Pertinent details are on file at this Repair Station under Work Order No. 1147. Date 10-11-98 Signed Ed's Avionics, Inc. Date Due 11-11-98 For CRS QEDR670L Ed's Avionics, Inc., New

SKYCOM AVIONICS		SERVICEABLE		1-800-443-4490
Customer	<u>Skycom Avionics, Inc.</u>	Date	<u>10-14-98</u>	
Model No.	<u>RA-39</u>	Mfg.	<u>Rog</u>	
W.O. No.	<u>101529</u>	Serial No.	<u>11443</u>	
The aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the above work number.				
Signed	<i>[Signature]</i>			
Notes	<u>Lead test ok.</u>			
☒ Timmerman Field Milwaukee, WI 53225 FAA #NC5D062N	☐ Crites Field Waukesha, WI 53188 FAA #NC5D062N	☐ Dane County Airport Madison, WI 53704 FAA #NC5D062N		

list, weight & balance records. Ref FAA 337 filed this Date

Empty Weight=4694.25 Useful Load=1165.75

Empty Weight CG=172.30 CGT # 2552904

signed *[Signature]* Date 10-22-98

for Ed's Avionics, Inc. Laporte, IN CRS # QEDR670L

"I Certify that the Data Correspondence test required by FAR 91.217 and 91.411 has been tested and found to comply with Part 43 Appendix E.

Signed Ed's Avionics, Inc. Date 10-10-98

For CRS QEDR670L

Ed's Avionics Inc. New Carlisle, IN 46552

25 NOV 98 N1557T

Aircraft refinished in Disignia
White (P/N UA 769), Suneco Blue (P/N-
TR-10123), Platinum Metallic (P/N
HT-10510) Control surfaces static
balanced. OK. A/c returned to service.
END

Henry Payne AEP 1494055

for 135 charter. All 8110-3 are on file.
Aircraft ready for return to service.

Signed

Paul G. Smith
AEP # 441607113

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME

ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
HOURS	10THS	
N TIRE	6.5 X 10 10 PHV	
W TIRE	PA 4553 UPS CK OK	
WIRE ON HT	CK TEMP BUMB	
FRT EGT	PROBES	

Hobbs 1400.4 11/98

nd refurbished using
(Kestrel) leather,
astics dyed (Santa Fe),
ll materials used meet
uirements as set forth

SAWYI
2602 E
PHOEN
01-29-98
N1557T

AIRFR/
REPLA/
OVERH
SYSTEM
NEW FL
REPLA/
ADJUST
SIGNAL
INSTAL

PAGE 1

Burlington Air Center
3106 Eisenhower Rd Burlington VT 05403
(414) 783-4360 Fax (414) 783-4361

Date 1/17/99

AD 95-24-05 R1 no longer applies due to installed propeller model.

L/H propeller

John R. Smith

Burlington Air Center
3106 Eisenhower Rd Burlington VT 05403
(414) 783-4360 Fax (414) 783-4361

Date 1/17/99

AD 95-24-05 R1 no longer applies due to installed propeller model.

R/H propeller

John R. Smith

IER
01
2

RAFT LOG

NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
		HOURS	10THS	
1408.5 TT 5341.5				
1) REPLACED RT MAIN TIRE				
2) CHANGED LT WDG WIRE				
3) REPAIRED BROKEN WIRE ON LT OIL TEMP BUMB				
4) INSTALLED NEW LT & RT EGT PROBES				

SAVYER AVIATION R/S EIPR553D

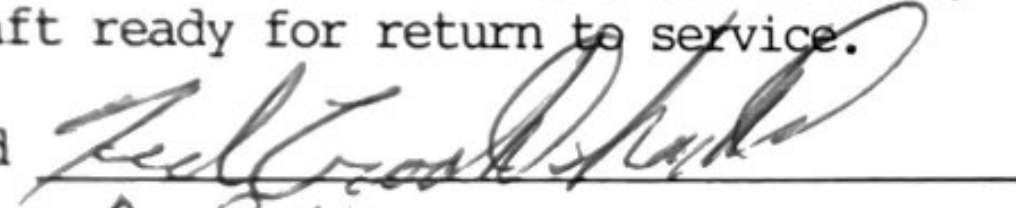
INSPECTOR 

DATE 12/2/98

W/O 52584

N1557T Ser#414-0272 Hobbs 1400.4 11/98

Interior was removed and refurbished using (Ivory) Ultraleather, (Kestrel) leather, (Bark) wool carpet, plastics dyed (Santa Fe), (Sandbar) curtains. All materials used meet FAR 25.853 (a) and requirements as set forth for 135 Charter. All 8110-3 are on file. Aircraft ready for return to service.

Signed 

APP # 441607113

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME

SAWYER AVIATION R.S. EIPR553D
2602 E SKY HARBOR BLVD
PHOENIX, AZ 85034

01-29-99 W.O. # 52662
N1557T CESSNA 414 A S/N 414A-0272 TACH 1432.8

INSTALLED CESSNA SERVICE KIT SK 414-BE WING RIB MODIFICATION AND
REPAIRED LEFT AND RIGHT UPPER WING SKINS THAT WERE CRACKED
I/A/W CESSNA ENGINEERING ORDER #414-1507 DRAWING # 5600000. SEE 337
DATED 1/26-99 REPLACED LANDING GEAR BUSHINGS, BEARINGS AND
HARDWARE. REPAIRED BROKEN LEFT GEAR SWITCH WIRE. ALCOHOL
SYSTEM CHECKED, BROKEN WIRE REPAIRED AND SERVICED WITH
ISOPROPYL. OXYGEN SYSTEM CHECKED AND SERVICED. LEFT MAIN UPPER
RETRACT BRACE REPLACED WITH SERVICEABLE UNIT. OXYGEN LINE
FROM BULKHEAD TO GAUGE REPLACED. LANDING GEAR RE-RIGGED PER
MAINTENANCE MANUAL. PILOT RUDDER PEDAL RETURN SPRINGS
REPLACED PER ME882-55

PAGE 2 OF 2

SIGNATURE



THE CESSNA AIRCRAFT CO. P.O. BOX 7704 WICHITA, KS. 67277	ENGINEERING ORDER	CAGE 71379	DRAWING NUMBER 5600000	EO NUMBER 414-1507
TITLE AIRPLANE ASSEMBLY MODEL 414			ECR NUMBER 99000	SHEET 1 OF 2
REASON: REPAIR CRACKED UPPER WING SKINS (LH & RH) AT WS 63.45			MODEL 414	SERIAL 414-0272
DRAWING WILL NOT BE CHANGED. THIS INFORMATION DOES NOT SUPERSEDE OR SUBSTITUTE FOR INFORMATION ON DRAWING.				

REFER TO THE CESSNA MODEL 414 MAINTENANCE MANUAL FOR ADDITIONAL INFORMATION. ALL UNITS OF LENGTH MEASUREMENT ARE IN INCHES UNLESS OTHERWISE STATED.

- Remove and replace all loose or "working" fasteners in the structure around and including the Main Landing Gear Side Brace Bracket. Identical fasteners to those removed are to be used unless oversize (as permitted in the Model 414 Maintenance Manual) is warranted by hole condition. "Clean-up" any deformed holes encountered. Install Cessna Service Kit SK414-8E, if not already accomplished.
- Remove the upper nacelle structure from the left wing as required to gain access to the skin near WS 63.45. Note fastener size and type upon removal for future replacement with similar (or oversize) fasteners.
- "Stop-drill" both ends of the crack using a .25" dia. drill bit. Smooth the crack and eliminate all sharp edges. A 1/8" pin router may be used to clean out the crack. Blend any rough edges and assure smooth holes. Fluorescent dye penetrant inspect the crack and stop-drill holes to assure no cracks remain. Take care when drilling holes and cleaning the crack so as not to damage the rib cap and assure a minimum of 2 X diameter from the crack to the nearest fastener and 0.500" from either stop-drill to the nearest fastener.
- Remove from the wing all fasteners to be covered by the -2 Doubler, noting fastener size, type, and location for re-installation of similar or oversize fasteners. Clean and de-burr the holes.
- Fabricate the -2 Doubler shown on Sheet 2. Chemical film treat (Alodine 1200 Kit, or similar) and paint the -2 Doubler and area to be covered by the doubler with corrosion resistant primer.
- Position the -2 Doubler on the wing as shown in the -1 Skin Repair. Mark the Doubler and drill the locations of existing fasteners to be used in the installation.
- Using temporary metal fasteners (Clecros), secure the doubler to the wing, locate and match drill the holes for new fasteners shown in the -1 Skin Repair. If necessary, exact fastener location for the new fasteners may be adjusted as required to maintain the edge distance requirements in step 3. While exact fastener location may be adjusted, the total fastener count, general location, and type of fasteners installed may not vary from what is indicated on sheet 2.
- Install the -2 Doubler on the wing using replacement and new fasteners as shown in the -1 Skin Repair. Fay surface seal the doubler to the skin using MIL-S-8802 (PR1422, CLASS B-2) prior to fastener installation.
- Re-install the removed nacelle structure using similar (or oversized as permitted in the Maintenance Manual) fasteners.
- Repeat steps 1 through 9, above, for the Right Wing.
- Make an entry in the Airframe Logbook indicating that this repair has been accomplished and attach a copy of this EO in the logbook.

FAA APPROVED UNDER FAR 21 SUBPART J
The Cessna Aircraft Co.
Delegation Option Manufacturer CE-3

[Signature] Executive Engineer
[Signature]

REV B											
REV A											
FIRST	1/18/79	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	
ISSUE	DATE	BY	GROUP	M.E.	STRESS	M & P	WEIGHT	SECTION	PROJECT	ECCBR	OTHER

AIRCRAFT LOG

[illegible]

AIRCRAFT: N1557T DATE 8/27/99
HOBBS: 1438.5

REMOVED LEFT ENGINE FOR TEAR DOWN INSPECTION. RE-INSTALLED LEFT ENGINE AFTER INSPECTION. REMOVED PROPELLER FOR OVERHAUL. RE-INSTALLED AFTER OVERHAUL. REPLACED LEADING EDGE SKIN ON LEFT WING. P/N 5621000-5 REPAIRED FORWARD LOWER SPAR CAP NEAR W/S 208.61 PER CESSNA MAINTENANCE MANUAL FIG. 16-40. REPAIRED AFT SPAR OUTBOARD OF W/S 206.94 PER CESSNA MAINTENANCE MANUAL FIG. 16-39. REPLACED LEFT WING OUTBOARD LOWER SKIN, P/N 5620100-10, RIBS, P/N 5222350-13, P/N 5222350-17 AND STRINGERS. P/N 0822815-45, P/N 0822815-35, P/N 0822815-33 WERE REPLACED PER CESSNA MAINTENANCE MANUAL FIG. 16-32 AND 16-37. REPLACED LEFT WING CENTER LOWER SKIN. REPLACED STRINGERS AND RIBS PER CESSNA MAINTENANCE MANUAL FIG. 16-32 AND 16-37. P/N 5620100-11 AND P/N 0822040-7 REPLACED LEFT WING LOWER TRAILING EDGE SKIN OUTBOARD OF ENGINE, P/N 0832406-105. REPLACED BUMPER FOR TAIL SKID WITH NEW PART, P/N 5012042-2. REPAIRED RUDDER BY REPLACING P/N 5133000-117, SKIN, P/N 5133000-119, SKIN, P/N 5133000-27, RIB, P/N 5133000-122, SPAR, P/N 5133000-95, RIB. REPLACED AFT LOWER BULKHEAD, P/N 5112011-44 AT BUMPER ATTACHMENT. REPAIRED LEFT HORIZONTAL STABILIZER OUTBOARD RIB AND SKIN. WING FUEL TANK REMOVED TO GAIN ACCESS FOR REPAIRS, REPLACED DE-ICE BOOT ON LEFT WING. REPLACED LEFT AILERON WITH SERVICEABLE UNIT, PAINTED AND BALANCED UNIT. INSTALLED VORTEX GENERATORS ON LEFT WING. REPLACED LEFT WING TIP TANK WITH SERVICEABLE PART, PAINTED TO MATCH. REPLACED FLAP WITH SERVICEABLE UNIT. REPLACED LEFT AILERON WITH SERVICEABLE UNIT, BALANCED AND INSTALLED. RE-INSTALLED WING FUEL TANK AFTER REPAIRS. REPLACED UPPER GEAR TRUNION ASSY. REPLACED TORQUE LINKS WITH SERVICEABLE PARTS. REPLACED LEFT BRAKE HOUSING WITH SERVICEABLE PART. RIGGED LANDING GEAR PER CESSNA MAINTENANCE MANUAL. INSTALLED NEW LEFT OUTBOARD DOOR LATCHING MECHANISM. REPLACED BULKHEAD, P/N 5112011-44, L/H LOWER SKIN RUDDER, P/N 5133000-119, R/H LOWER SKIN RUDDER, P/N 5133000-112, RIB, P/N 5012006-10, FAIRING AFT LOWER, P/N 5112001-10, FAIRING AFT UPPER, P/N 5112001-16, STRINGER, P/N 5112020-1, SPAR, P/N 5133000-122, RIB 5133000-5. REMOVED, BALANCED AND RE-INSTALLED L/H ELEVATOR AND RUDDER ASSY.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 10697 & W.O. # 11771

AUTHORIZED INSPECTOR

WESTWIND AVIATION, INC. CRSWIWR604K

AIRCRAFT LOG

[illegible]

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1	VOR 2			
9.23.99		HOBBS 1502.1		1)	COMPLETE ELT ANSWER UNIT AND OPI INSPECTION PER FAR 91.207 BATTERY REPLACEMENT DAIL 2.5000
				2)	OXYGEN BOTTLE HYDROSTATIC TEST COMPLETED WORKING ARROWHEAD FIRE PREVENTION
				3)	INSTALL HLATER HOBBS, READING OLD 1502.1 AND NEW 1502.0
				4)	INSTALL NEW LH PROP COVER CAUSE
				5)	INSTALL NEW HINGE LEFT DOOR
				6)	INSTALL NEW BEARING + PIN LH MAIN WHEEL
				7)	RANGE MARKINGS ADDED TO R4 LH ENGINE 3 IN 1 GAUGES (VARGA ENTERPRISES WORK 11405)
				8)	INSTALL NEW SEALS 4 STRAPS RING NOSE AND BOTH MAIN STRUTS, SERVICE WITH 5006 4 NITROGEN
				9)	INSTALL NEW FUEL CELL LH AUX TANK
				10)	INSTALL NEW RH AUX FUEL PUMP SN 86128
				11)	INSTALL NEW ELEVATOR TORQUE TUBE P/N 5115215-B
				12)	INSTALL NEW NOSE TIRE
				13)	INSTALL NEW LAMP, BOTTOM ROTATING BEACON.
					(CONTINUED NEXT PAGE)

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
			14) INSTALL NEW FLANGE GASKET LH WARELL FUEL TANK.				
			15) REPAIR BROKEN WIRE LH OIL TEMP				
			16) ADJUST EMPTY INDICATIONS LH & RH MAIN FUEL TANKS				
			17) REMOVE LH ELEVATOR, INSTALL NEW PIVOT BOLT, REINSTALL				
			18) REPAINT BATTERY BOX				
			19) ADJUST GEAR DOWN LOCK TENSIONS				
			20) RUN UP, OPS CHECK OK				
HUBBJ							
1502.1							
Date <u>9/23/92</u> Total Time <u>5435.1</u> I certify that this aircraft/engine has been inspected in accordance with a <u>ANNUAL</u> inspection and determined to be in Airworthy condition. Other details of this inspection are on file at this facility under WO # <u>53473</u> <u>S. Van der</u> Approved Repair Station "Signed" <u>EIPR553D</u> Sawyer Aviation, Phoenix, Arizona							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

Sawyer Aviation R.S. EIPR553D
2602 E. Sky Harbor Blvd.
Phoenix, AZ 85034
(602) 273-3786

11-26-99 W.O. #53876 N1557T CESSNA 414 S/N 414-0272 TT: 1585.8

Replaced belly rotating beacon with Whelen anti-collision strobe light model # HR CFA-R-14/28, s/n 16769, per STC SA615EA/A7CA. See FAA form 337 for installation details.

R. Van Lier
Signature

11/26/99
Date

Sawyer Aviation R.S. EIPR553D
2602 E. Sky Harbor Blvd.
Phoenix, AZ 85034
(602) 273-3786

12-30-99 W.O. #53941 N1557T CESSNA 414 S/N 414-0272 TT: 1606.8

Installed overhauled Aux Fuel Pump, p/n 4140-00-153RX s/n 9345, left wing locker fuel system.
Fabricated and installed new fuel feed line to pump from tank.

RVan Lier 12/30/99
Signature Date

HOBBS 1646.8
SAWYER AVIATION B/S EIPR553D
INSPECTOR [Signature]
DATE 2.12.2000
W/O 54061

1) INSTALLED NEW L/H FUEL BOOST PUMP P/N 1C6.10
ORS AND LEAK CHECK OK

VOR Receiver operation checked
in accordance with FAR 91.25

DATE _____

Enter here general data with reference to 'Line' and 'Period' - Inspections - Rigging Changes - Alterations - Repairs - Service Letters and changes in propeller or engine - as outlined in the first of this book, under the heading "INSTRUCTIONS FOR USE OF THIS LOG BOOK". ALL DATA must bear the endorsement of a certificated mechanic and the rating and certificate number must be shown.

SAWYER AVIATION R / S EIPR553D

INSPECTOR

DATE 2/24/2000

W/O	54689
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REMARKS

- 1) Installed new spinner on LH Prop
- 2) Installed new spinner on RH Prop



Corporate Jets, inc N1557T
C-414
s/n 414-0272
May 12, 2000
Airframe Log Book

Installed new left nacelle fuel drain valve p/n 50BSH9 Ops checked good.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service.

W.O. 16687

CORPORATE JETS, INC.

FAA CRS# LN3R663L



Corporate Jets, Inc.

N1557T

C-414

s/n 414-0272

May 26, 2000

14600 North Airport Drive
Scottsdale, Arizona 85260
(602) 948-2400

Airframe Log Book

Repaired #1 com by replacing the 2nd digit p/n 622-2078-001
s/n 22299, ops checked good.

Repaired #2 com by replacing the transfer gear bracket, one
display and the transmit light bulb p/n 622-2078-001 s/n 9475,
ops checked good.

I certify that the above stated maintenance was performed in
accordance with the current FAR's and this aircraft is approved
for return to service.

W.O. 912293

CORPORATE JETS, INC.

FAA CRS# LN3R663L

MEMORANDA

Date

HEATER - South wind #8472 SN 163 PNG722129-1

1-09-09

Heater Removed + checked (Pressure) Hobbs 641 9-1-92
OVERHAUL DUE EACH 1000 HRS - DUE: 1641 hrs = 2303
Inspection Due each 250 HRS - DUE: 1353 - ALC Hobbs IN lieu of
HEATER Hobbs

76-02-07

Prestolite alternators ALU9400 - ALU9410 each 100 hrs. Righting only 1403

84-26-02

INDUCTION AIR FILTER REPLACEMENT Due 1803 Due 1803



"LOOK FOR THE RED AND BLUE
CESSNA PENNANTS FOR THAT
EXTRA SERVICE WHERE IT COUNTS
WHEN YOU NEED IT."

CESSNA AIRCRAFT COMPANY WICHITA, KANSAS