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Book #3 A

N5245E - C 360R-1523

Cessna



FULL

4

Aircraft Flight and Maintenance Log

Aircraft Description

Book # 3A

CESSNA	310R	1523	N 5245C
Aircraft Mfg.	Model	Serial	Registration

General Instructions

- This aircraft log is provided to assist owners and operators in maintaining an accurate record of flight time, maintenance, alterations, and inspections on the aircraft, which is required as part of Federal Aviation Regulations part 91.173.
- By filling in the information called for, a complete record of flight time, maintenance, and inspections will be developed which will not only satisfy the FAA requirements but will also prove to be useful reference information for the owner/operator in the operation of the aircraft.
- The column headed "Remarks" is particularly important, for in this column all the details concerning the following are to be entered.
 - Line and Periodic Inspections, Airworthiness Directives, Service Bulletins, Rigging changes, and all repairs and alternations.
 - Accidents in which the aircraft is involved, whether major or minor.
 - When repairs or alterations necessitate submission of FAA Form 337, an entry is to be made in this column and the original of the Form 337 stapled at the back of this book.
 - All entries must be endorsed with the name, rating, and certificate number of either the FAA Repair Station or the mechanic.
- Make all entries with pen and ink.

Engine & Propeller

- The maintenance logs for engine and propeller must be removed from the aircraft before the engine or propeller from the aircraft is removed item. Replacement aircraft engine and propeller log books (P/N D5062-13), are available.

Federal Air Regulations—Special Checks

- The following special checks are required:
 - VOR ACCURACY CHECK—For VOR accuracy checks preceding 30 days prior to the flight.
 - TRANSPONDER CHECK—As required, transponders must have been inspected.
 - ALTIMETER AND STATIC SYSTEM CHECK—preceding 24 calendar months.
- The first VOR Accuracy, Transponder, and Altimeter/Static System checks were performed by the Cessna mechanic. Because these tests are accomplished during the annual inspection date on the Airworthiness Certificate, no separate annual inspection is required.

A schedule will thereby be established for the annual inspection to minimize aircraft maintenance.

Since the Federal Aviation Regulations require that aircraft maintenance be made to insure that aircraft maintenance

Engine & Propeller

1. The maintenance logs for engine and propeller have been provided as separate log books. Upon the removal of the engine or propeller from the aircraft, the complete Maintenance Log Book can be transferred with the removed item. Replacement aircraft log books (P/N D5060-13), engine log books (P/N D5061-13), and propeller log books (P/N D5062-13), are available from Cessna Supply Division (SPA).

Federal Air Regulations—Special Checks

1. The following special checks are required by the Federal Aviation Regulations.
 - a) VOR ACCURACY CHECK—For IFR flights, VOR accuracy checks are required to be recorded within the preceding 30 days prior to the flight to comply with FAR 91.25. This check can be performed by the pilot.
 - b) TRANSPONDER CHECK—As of January 1, 1976, to comply with FAR Part 91.177, prior to use, all transponders must have been inspected or checked within the preceding 24 calendar months.
 - c) ALTIMETER AND STATIC SYSTEM CHECK—Altimeter checks for IFR flights must be made within the preceding 24 calendar months prior to flight to comply with FAR Part 91.170.
2. The first VOR Accuracy, Transponder Check, and Altimeter and Static System entries are the dates that these checks were performed by the Cessna Aircraft Company in compliance with the appropriate regulations. Because these tests are accomplished during instrument and aircraft assembly, the dates may be prior to the date on the Airworthiness Certificate. Cessna recommends that these special checks be repeated at the first annual inspection.

A schedule will thereby be established where subsequent test and inspection periods will coincide with an Annual Inspection to minimize aircraft down time.

Since the Federal Aviation Regulations are subject to change, a periodic review of the appropriate FAR's should be made to insure that aircraft maintenance and records are in compliance.

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 84							
DATE 5-1-19 84			Plats altimeter tests to 35,000 ft.				
Installed overhauled and certified Altimeter in compliance with FAR Part 91.171.			Heav meters = 3639 hr.				
ALTIMETER TEST DATE 3-26-19 84							
ALTIMETER P/N EA401A S/N 5743 ^o							
Signature Whitney J. Gray							
DATE 5-1-19 84							
I certify that the static system tests required by FAR Part 91.171 has been performed this date. The static system was found to be within tolerances.							
Signature Whitney J. Gray							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

VOR Receiver operation checked in accordance with FAR 91.25				DATE
Date	Bearing error	Place	Signature	19 84
	VOR 1	VOR 2		
clean main fuel				
retract test all systems				
replaced both nose wheels				
Service Ac Battery & Box.				
I CERTIFY THAT THIS AIRCRAFT				
INSPECTED IN ACCORDANCE WITH A				
INSPECTION AND WAS DETERMINED TO				
WORTHY CONDITION. Heav Me				
TOTAL TIME AIR-				
FRAME 3707 hr.				
WORK ORDER 58462-58468				
DATE 6-6-84				
Whitney J. Gray				
Authorized Signature				
PAUL FOURNET AIR SERVICE, I				
CERTIFICATE REPAIR STATION NUM				
MUNICIPAL AIRPORT, LAFAYETTE				

MAINTENANCE RELEASE

COMPONENT TAS SERIAL NO. 534

PART/MODEL NO: C661045-0309

Overhaul Repair Functional Test New

The Aircraft Appliance identified above was overhauled, repaired, functional tested or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this agency under

Work Order # 139831 Date 7-17-64

Authorized Signature [Signature]

SERVICED BY

**Castleberry Instruments
& Avionics, Inc.**



817 Dessau Rd.

Austin, Texas 78753

Ph. (512) 251-3441

Certificate No. 3812

Serviceable Part Tag

CUSTOMER

Paul Fournet

MAINTENANCE RELEASE

COMPONENT Inlet Flow SERIAL NO. 140705

PART/MODEL NO: 6221 B69

Overhaul Repair Functional Test New

The Aircraft Appliance identified above was overhauled, repaired, functional tested or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this agency under

Work Order # 140735 Date 7/30/84

Authorized Signature [Signature]

SERVICED BY

**Castleberry Instruments
& Avionics, Inc.**



817 Dessau Rd.

Austin, Texas 78753 Ph. (512) 251-3441

Certificate No. 3812

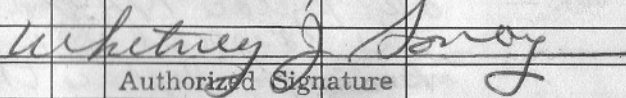
Serviceable Part Tag

CUSTOMER Paul Jounet Air Service

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature	19 ____	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR THE USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
	VOR 1	VOR 2			
					<p><i>inspect a/c control cables - pulleys and turnbuckles - check control surfaces track - check all A/C lights - check A/C Battery check tires - inspect and brake - grease gear return gear to 0° replace air conditioner compressor and drive service unit - check ELT Batt due 11-1-986</i></p>
<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100%</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION.</p>					
<p>TOTAL TIME AIR <i>hrs min 3:8/2</i></p>					
<p>FRAME <i>3812</i></p>					
<p>WORK ORDER <i>10078-0099/11-010077</i></p>					
<p>DATE <i>8-10-84</i></p>					
<p><i>Paul Fournet</i> _____ Authorized Signature</p>					
<p>PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.</p>					

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature	19 <u>84</u>	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
<u>84</u>	VOR 1 VOR 2				
					c/w AD note 72-02-07 - Both alternator Bearings by inspection found OK clear main fuel screen behind test performed satisfactory. ground gear. gear worn horn OK, Replace all Brake lining Repacked all main wheel Bearings, Replace Nose wheel Bearings since the Ac Battery Box and drain ok Inspect all airframe control cables pulley, turnbuckle and bellcrank and control surface travel, Bleed Brakes AD note on cabin heater 81-02-02 - not due at this time heater HM=472.8 due when heater HM=511.6 hr. Please see Repair Book # 142, and 3A For AD note compliance and compliance Record End-
I CERTIFY THAT THIS AIRCRAFT HAS BEEN					
INSPECTED IN ACCORDANCE WITH A <u>100</u>					
INSPECTION AND WAS DETERMINED TO BE IN AIR-					
WORTHY CONDITION.					
TOTAL TIME AIR- <u>Hour meter - 3917.8 h.</u>					
FRAME <u>3917.8 h.</u>					
WORK ORDER <u>008270 008272</u>					
DATE <u>9-26-84</u>					
					
Authorized Signature					
PAUL FOURNET AIR SERVICE, INC.					
CERTIFICATE REPAIR STATION NUMBER 2225					
MUNICIPAL AIRPORT, LAFAYETTE, LA.					

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 85							
<p>clean main fuel screens then pressure checked for leaks OK Tacked the aircraft performed retraction test, ground the landing gear system. gear wheel built all systems OK gear light and warning horn OK performed Emergency down gear extend check. all OK, Replaced R/H main Brake Assembly - and Brake Disc, 4H Brake lining and Disc OK 4H + R/H main wheel Bearings inspected found OK - Repacked each with foot grease - and Re installed, Replaced the NO 2 wheel Bearings, Replaced AC Battery from the Box top, charge the Battery and checked Box drain and vent on then Re installed Battery in the Box, open all airpans inspect panel interior and Exterior, inspect the central cable, "continued on the next page" Whitney J. Sorey</p>							
<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION.</p>							
<p>TOTAL TIME AIR-FRAME 4219 h. Ac Hour Meter = 130:0 h.</p>							
<p>WORK ORDER 2044</p>							
<p>DATE 3-18-85</p>							
<p>Whitney J. Sorey Authorized Signature</p>							
<p>PAUL FOURNET AIR SERVICE, INC.</p>							
<p>CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO TOP OF NEXT PAGE</p>							
<p>MUNICIPAL AIRPORT, LAFAYETTE, LA.</p>							

VOR Receiver operation checked in accordance with FAR 91.25				DATE
Date	Bearing error	Place	Signature	
85	VOR 1	VOR 2		10 85
<p>3-18-85 - Hour Meter = 130:0 h. 77 Whitney J. Sorey AIP Inspect the elevator, all travel found OK, coil Elev. Battery OK, Ball OK, Bleed Brakes, Decel on cabin heater - Found Total time heater = 5 Hour meter working Still warm + pilot cut in Jan-1986, all applied the placards and checked Park Brake, crit Brakes found OK, ch the Rec of this Book - Record - End</p>				
<p>Next Page Whitney J. Sorey AIP 1452858</p>				

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
85	VOR 1	VOR 2		19 <u>85</u>	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
<p>3-18-85 - Hour Meter = 130.0 h. T.T. AF = 4289 h. "continued from the Previous Page: Wichita J. Soney AIP 1452858' Inspect control surface travel found ok, Inspect the elevator, aileron and Rudder trim tabs. Mech. found ok and travel found ok, control surface Bellcranks and Rods ends found ok, E.T. Battery ok! Bell die charge - Nov-1986, seats and seat Belts found ok, Bleed Brakes, Doors, windows and windshield ok, 9W AD note 81-09-09 on Cabin Heater - Found Heater Hour Meter Reading to Be 0578.2 h. Total time heater = 578.2 h. Next inspection on heater is due at Heater Hour meter reading of 784.5 h. or heater total time of 784.5 h. Stall warning pitot heat ok By operational check, X Powder ok due 2 year out in Jan-1986, altimeter ok due 2 year certification in Jan-1986, applied the placards and Decals - as needed, checked Nose Skewing. Angover. Checked Park Brakes, control found ok Inspect control column links and Bearings found ok, checked Rudder Pedal Bearings found ok, Please refer to the Rec of this Book for the AD note compliance and compliance Record - End</p>					

AIRCRAFT LOG

DATE	FLIGHT FROM	to	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 3-22-85			Installed serviceable Voltage Regulator PART NO 9910126-3, 3H 7907 static pumps, checked OK.				Med Miller APT# 30328 Hour Meter 133.7

TECH-AIRE INSTRUMENTS, INC., C.R.S.322-62

4711 E. 31st South — Wichita, KS 67210

Nomenclature Voltage Regulator Serial # 7907

Part or Model # 9910126-3 Mfg. LAMAR

The appliance/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 repair station under work order number _____

03032

By E. Paulie R.C. # 2324005 Date 2-12-85

VOR Receiver operation checked in accordance with FAR 91.25				DATE	Enter and ALL.
Date	Bearing error	Place	Signature	10 81	
	VOR 1	VOR 2			
<p>Clear main fuel screen, horn and flasher horn ok. Horn operation ok. Replace the 44 B. I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH A VOR INSPECTION AND WAS DETERMINED TO BE IN A WORTHY CONDITION.</p> <p>TOTAL TIME AIR: <u>Hour meter 2</u></p> <p>FRAME <u>4330 h.</u></p> <p>WORK ORDER <u>2307</u></p> <p>DATE <u>5-14-85</u></p> <p><u>W. Whitney Jr.</u> Authorized Signature</p> <p>PAUL FOURNET AIR SERVICE CERTIFICATE REPAIR STATION NO. _____ MUNICIPAL AIRPORT, LAFAYETTE, LA</p>					

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature	19 <u>85</u>	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
					<p>Clear main fuel screen, Perform Retract test - had to replace gear worm horn and flasher unit for the gear worm horn system. Retract tested ok. Horn operation ok as required. ground the land gear system. Replace the 1/4 Brake bump. P4 side ok Main wheel Bearings ok. Replace the nose wheel Bearings. Service the AC Battery Box ok Drain ok. Inspect airplane control cables found ok. control surface travel ok, hinges and hinge Bearings ok. checked the turn tab actuator condition found ok. FLT-Batt ok due charge - Nov 1986 AD note 81-0707 on water not due. Check time and Date Meter Hrs = 585.5 hr. T-T. Meter = 585.5 hr. - Meter due next injection at Meter T.T. of 784.5 hr. Last water injection was done at 534.5 hr.</p>
					<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100</u> INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION.</p>
					<p>TOTAL TIME AIR- Hour meter = <u>231 h</u></p>
					<p>FRAME <u>4370 h.</u></p>
					<p>WORK ORDER <u>2307</u></p>
					<p>DATE <u>5-14-85</u></p>
					<p><u>W. Whitney J. Joney</u> Authorized Signature</p>
					<p>PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.</p>

430380
33.7

"continued on the next page: Whitney J. Joney
ATD 452858

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature	19 <u>85</u>	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
6					<p>Clean Main fuel screens $\frac{1}{4}$" + $\frac{1}{4}$" Pressure checked for leaks. OK, Perform gear retraction test - checked gear rigging OK no adjustment needed - grease land gear Mech checked gear Box - By injection OK land gear motor ok By injection, AD note 81-09-09 is not due this time and date.</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100</u> INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION.</p> <p>TOTAL TIME AIR. Hour Meter = <u>331 h.</u></p> <p>FRAME <u>4470 h.</u></p> <p>WORK ORDER <u>2624</u></p> <p>DATE <u>6-26-85</u></p> <p><u>Walter J. Savoy</u> Authorized Signature</p> <p>PAUL FOURNET AIR SERVICE, INC. CERTIFICATE REPAIR STATION NUMBER 2225 MUNICIPAL AIRPORT, LAFAYETTE, LA.</p>
					<p>Heater Hour Meter = <u>588⁰ h.</u> - LAST injection or water was done at <u>534.5 h.</u> Total time water this date = <u>588.5 h.</u> Heater is done injection at Total time of <u>784.5 h.</u> or when water Hour Meter is equal to <u>784.5 h.</u></p> <p>C/w "Product Reference Memo" # PRM No. 37 By installing New Bolts and nuts in main wheels as directed - By "Parker Aerospace." AD note 76-02-07 - C/w By injection of the alternate Bearings found OK, all Brake bearings OK, Replaced all main wheel Bearings - Nose wheel Bearings OK - Replaced with fresh grease.</p> <p>"continued on the next page. WJS" <u>SAVOY A+P 1452853</u></p>

MEMORANDA

Date	AD Note	one time	REP	
6-1-84	ELT		X	Due Batt Chg. Nov-1986 industry T-Jawney ^{ATP} 453858
6-1-84	Alternator		X	Due 2 year cert. in force 1-10-86 industry T-Jawney ^{ATP} 453858
6-1-84	X Powder		X	Due 2 year cert. 1-4-86. industry T-Jawney ^{ATP} 453858
6-1-84	81-09-09		X	Heater HM = 458.0 kg, Total time heater = 458.0 hr.
6-1-84	76-02-07		X	Heater due projection when Heater Hang Meter = 511.6 hr.
				on. Heater Total time of 511.6 hr. 250 hr in total } 5 hrs
6-1-84	76-02-07		X	Alternator Bearing. Sh by inspection industry T-Jawney ^{ATP} 453858
9-26-84	76-02-07		X	Alternator Bearing Sh by inspection industry T-Jawney ^{ATP} 453858
9-26-84	81-09-09		X	Heater due inspection when Heater Hang Meter = 511.6 hr.
"	"		X	on Heater Total time 511.6 hr. at 250 hr int. industry T-Jawney
11-12-84	81-09-09		X	when Heater HM = 483.8 hr. T.T. heater = 483.8 hr. due inspection
11-2-84	"		"	at 511.6 heater Total time. industry T-Jawney ^{ATP} 453858
11-2-84	76-02-07		X	Alternator Bearing inspection. Sh industry T-Jawney ^{ATP} 453858
1-31-85	76-02-07		X	Alternator Bearing inspection Sh by inspection industry T-Jawney ^{ATP} 453858
1-31-85	81-09-09		X	when Heater HM = 534.5 hr. T.T. heater = 534.5 hr. due cert.
1-31-85	"		X	inspection at 784.5 heater Total time on 784.5 houring ^{ATP} 453858
"	"		X	on Heater Hang Meter industry T-Jawney ^{ATP} 453858

Date	AD Note	one time	REP
3-15-85	76-02-07		X
3-15-85	81-09-09		X
3-15-85	81-09-09		X
3-15-85	ELT.		X
3-15-85	X Powder		X
3-15-85	alternator		X
5-8-85	76-02-07		X
5-8-85	81-09-09		X
5-8-85	84-26-02		X
6-26-85	81-09-09		X
"	"		X
"	"		X
6-26-85	3 J PERM NO		X
"	"		X
6-26-85	MEB. 85-10		X

