

Book #1

DEC 1986 - JAN 1987

Cessna®



AIRCRAFT LOG AND MAINTENANCE RECORD

N 45312

SERIAL NO. 177RG-1102

IMPORTANT NOTICE

Dear Owner:

Federal Aviation Regulation Part 91.170 requires that the static pressure system(s) and sensitive altimeter instrument(s) be inspected every two (2) years in accordance with Part 43, Appendix E, if the aircraft is to be operated in controlled airspace under IFR.

The entry in your aircraft log lists the date on which this test was performed on your static system(s) and altimeter(s). Because these tests are accomplished during instrument and aircraft assembly, this date may be a maximum of twelve (12) months prior to the date on your Airworthiness Certificate.

Because of this difference, Cessna recommends that you retest and inspect the static system(s) and altimeter(s) at your first Annual Inspection.

In following this recommendation, a schedule will be established whereby subsequent test and inspection periods will coincide with an Annual Inspection to minimize aircraft down time.

Customer Services Department
Cessna Aircraft Company

Cessna®

AIRCRAFT LOG AND MAINTENANCE RECORD

Record of Cessna 177RG 177RG1102 N45312
Make Model Serial Certificate
With Engine Lycoming IO-360-A1B6D L-16533-51A
Make Model Serial
From _____ 19____ to _____ 19____
Hours Hours
Detailing Time From _____ To _____
Hours Hours
Owner J. H. PEKTAS
Address 326 BRIARWOOD DRIVE, WINTER PARK FL 32789

FORM P121-13

[illegible][illegible]

[illegible]

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
78	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.
1-27					I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
					"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."
					"Pertinent details of the repair are on file at this repair station under Order No. <u>11814</u> Date <u>1-27-78</u>
					Signed <u>Anthony S. Andrea</u> for (signature of authorized representative)
					Showalter Flying Service, Inc. Municipal Airport — Orlando, Florida FAA Approved Repair Station #4444 Airframe"

[illegible]

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

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1	VOR 2		10	
4-29-78	TACH 211		I CERTIFY		that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Airframe lubricated where necessary. Landing gear retraction tested OK. Stuart Noddy ATP 229868146
5 Aug 1978	TACH 301.2		I CERTIFY		that this airframe has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Replaced left navigation light. Lubricated all controls. Gear retraction OK. Stuart Noddy ATP 229868146

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
12 JAN 1979	TACH 401.4		SERVICED BRAKES, BATTERY, HYDRAULIC SYS. LAY RETRACT TEST GREASED LANDING GEAR. REPLACED ALL BRAKE LINES. REPLACED WTC. REG. VALVE FILTER. CHECK OPERATION OF ALL LIGHTS + CONTROLS. LUBED AIRFRAME AS NECESSARY.				
I certify this AIRFRAME was inspected in accordance with a 100 hr inspection and determined to be in an airworthy condition. <i>Michael A. Hammy</i> AIP 20744331 END							
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		
79	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.
1-30	Tach	419.1			I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.25 AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. T.T. 419.1
1-30	Ch 60# - 81				SIGNED: <i>Michael A. Hammy</i> AIP 20744331 DATE: 1-30-79
24 APRIL 1979	TACH	466.9			REPLACED OIL QUICK DRAIN P/N 51951-5. DRAINED OIL + SERVICED WITH 895.50 W. AD AERO SHELL.
					<i>Michael A. Hammy</i> AIP 20744331

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
7 JUNE 1979	TACH 4958		LUBED AIRFRAME AS NECESSARY. CHANGED NOSE TIRE. ELT BAT REMOVED. TAW AD. 790502. ALSO CW AD. 79-10-14 + 790803 - SERVICED HYDRO SYS. BAT + BRAKE LBS. ALL LIGHTS FUNCTIONAL.				
I certify this AIRFRAME was inspected in accordance with ADXAR inspection and determined to be in an airworthy condition.							
Michael A. Hamner						AIP207443317	
7/5/79	TACH 5004		Replace Battery with R 35 Robot Electronics. Replace Voltage Regulator. Replace Starter Solenoid.				
James R. Darrow						AIP2184898	

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

VOR Receiver operation checked in accordance with FAR 91. 25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1	VOR 2		19 <u>79</u>	
				<u>9-6</u>	Removal Horizon Indicator & Replaced with Horizon Indicator model 5000B-9 Serial # 50663F mfg. Eda air <i>Bum E. Felt</i> <u>A&P 264111567</u> I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.170 HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO _____ <u>35,000</u> FEET." <i>John Neal</i> <u>10/18/79</u> SIGNATURE DATE <u>708-7</u> CERTIFICATE NUMBER _____
FAIR - LEESBURG MUNICIPAL AIRPORT 5355 U.S. 441 South Leesburg, Fla. 32748 Ph. 904-787-8566					

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
2-10-81	TT 700.5		SERVICED Bagles Tires & Batteries. Chd and serviced Hyd. system. Performed Retraction Test. CRD OK. CRD all Vites & Electrical systems. Chd and lubed all controls and landing gear as necessary. Replaced Pilot Vent Win-dow. Replaced Replaced ELT Battery. Battery Good until 1 SEP 1983. I certify this Aircraft was insp. and is approved for Return to Service.				<i>Bevan J. Tuttle</i> ATP 26411567
2-10-81	TT 700.5		I certify this Aircraft has been inspected I.A.W. Annual inspection procedures and is approved for return to service.				<i>David K. Damon</i> ATP 2184888

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	
3/11/81					hrs. Replaced battery with new Rebat R35 battery. O.P.S. check okay. <i>Edward J. Pedfield</i> ATP 29460738
10-9-81					REPLACED LEFT MAIN TIRE WITH NEW 15.600X6 GPLY FLIGHT GROUND. REMOVED LEFT BRAKE. <i>Norman Quinn</i> ATP 2197729
20 NOV 81					TAC hrs 809.0 THIS AIRFRAME HAS BEEN INSPECTED IAW 100 HR INSPECTION. ALL FLUIDS OK AND HINGE POINTS LUB. REPLACED L+R BRAKE DISC AND PADS. REPACKED ALL WHEEL BEARINGS. ALL LIGHTS OK. OK. REMOVED & REPLACED MAIFOLD & FUEL PRESS GAGE WITH NEW UNIT SN 94179 OPER OK. THIS AIRFRAME IS RETURNED TO SERVICE. <i>Edward Berkley</i> ATP 2179279

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.170 HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO <u>7500</u> FEET.					FAIR - LEESBURG MUNICIPAL AIRPORT 5855 U.S. 441 South Leesburg, Fla. 32748		
SIGNATURE <u>[Signature]</u> DATE <u>1-5-81</u>							
CERTIFICATE NUMBER <u>728-7</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		
25 FEB 1982	T-T	993.1			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.
					THIS AIRFRAME HAS BEEN INSPECTED IAW CESSNA SERVICE MANUAL PHASE INSPECTION SYSTEM UNDER PART 135. AND WAS FOUND TO BE IN AIRWORTHY CONDITION. R+R RT MAIN TIRE AND BRAKE PADS LUB. ALL POINTS OK FLUIDS. CK ALL A-Ds. All OK.
					A&P 2172279 Elmer Burkly.
					3/4/82 REMOVED + REPLACED P.35 REBAT BATTERY OPER CK OK
					A&P 2172279 Elmer Burkly

	DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
						HOURS	IOTHS	
19	82							
	7 APRIL 82	T-T	1101-1	THIS AIRFRAME HAS BEEN INSPECTED FLAW CESSNA MANUAL PHASE INSPECTION SYSTEM UNDER PART 135 AND WAS FOUND TO BE IN AIRWORTHY CONDITION. R+R LT + RT MAIN TIRES & NOSE. PACKED ALL WHEEL BEARING. INSTALLED NEW BRAKE PADS. CK ALL FLUIDS LUB ALL POINTS CK FOR A.P.S.				
					A/P 2179229			
					Eduard Bruck			
	7 APRIL 82	T-T	1101-1	R+R TURN CYCLO WITH NEW UNIT.				
					A/P 2179227			
					Eduard Bruck			

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

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

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
82	VOR 1 VOR 2			19 82	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.
APRIL 22	T-T 1155.1				ROR MAN. + FUEL PRESS PAGE WITH NEW UNIT INST. SN 154602 - OLD SN 94179. AIP 2129279 Edwin Burk
T-T 1204.1	19 MAY 82				THIS AIRFRAME HAS BEEN INSPECTED 2/AN CESSNA PHASE INSPECTION SYSTEM AND WAS FOUND TO BE IN AIRWORTHY CONDITION. ROR BRAKE PADS ON RT GEAR. OK ALL FLUIDS + LUB ALL MIZE POINTS. AIP 2179279 Edwin Burk

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AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
1982 OCT 1	7:7	1488.0	THIS AIRFRAME HAS BEEN INSPECTED FOLLOWING CESSNA SERVICE MANUAL. REMOVED & REPLACED MANIFOLD PRESS GAGE & RT FUEL & OIL TEMP. CLUSTER. RTR RT DOOR HANDLE. SERVICED ALL FLUIDS. PLUDDER RETRACTION TEST. LUB ALL HINGE POINTS. RTR RT/LB BRAKE PADS. REPACKED ALL WHEEL BEARINGS A/C RETURN TO SERVICE			ATP 2129229 Edwin Budy.	
10 OCT 82 certify that this Aircraft has been inspected in accordance with a manufacturer's instruction and is determined to be in airworthy condition. signed <u>E. Edwin Budy</u> A & E No. 165098 1A							

ENTERED FLYING TIME TO THE TOP OF NEXT PAGE

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

APC 11-1488 HR. ADN with thru 82-19 CK

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 5, 83	70ch	1808.5			Repaired top engine cowl fuel attach tabs. Installed and Rigged nose gear door. Replaced RT fuel tank sump drain. Serviced and bleed Brakes. Performed Landing Gear Retraction test and lubed Gear and Flight controls. Edwin E. Budy ATP 7368088
Note: ELT Batt due Replace Oct 86					
I CERTIFY THAT THIS <u>Airframe</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.			I CERTIFY THAT THIS <u>Airframe</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
TOTAL TIME: 1508.5 HOURS.			TOTAL TIME: 1508.5 HOURS. 5 Nov 83		
Edwin E. Budy ATP 7368088			11-5-83 Edwin E. Budy ATP 2129229		

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 84 4-9	TACH		PERFORM GEAR RETRACTION TEST. ADJUST LANDING GEAR HYDRAULIC SYSTEM PRESSURE SWITCH. RESEALED AND SERVICED NOSE GEAR SHOCK STRUT. REPLACED FUEL FLOW GAUGE HOSE.				
5/7/84	1516.8 HRS ON YACH		ADJUSTED NOSE GEAR DOWN AND UP LOCK TENSIONS. CHECKED MAIN GEAR DOWN LOCKS. Raymond H. Bussard AIP 1013281				
THE STATIC PRESSURE SYSTEM HAS BEEN TESTED AND FOUND TO COMPLY WITH THE REQUIREMENTS OF FAR 91.171							
W. O. # 14757 C E AVIONICS							
DATE 5-25-84 FAA 708-20							
SIGNATURE J. M. J. [Signature]							

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	
					THE ATC TRANSPONDER TESTS & INSPECTIONS REQUIRED BY FAR 91.172 WERE PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.
					1. MAKE ARC MODEL RT-317A S/N
					2. MAKE MODEL S/N
					THE INTEGRATION TESTS OF THE AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM AND THE ATC TRANSPONDER MODE "C" WERE PERFORMED TO 20,000 FT. AND COMPLIED WITH FAR 43, APPENDIX E(C).
					W. O. # 14757 C. E. AVIONICS
					DATE 5-25-84 FAA 708-20
					SIGNATURE J. M. J. [Signature]

AIRCRAFT LOG						SIGNATURE OF PILOT	
DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		
					HOURS	10THS	
19 84							
TACH 1583.0 TOTAL TIME 1583.0 REPAIRED MS20201P6A BEARINGS & BOLTS IN ELEVATOR. REPLACED HINGE PIN IN TOP LEFT DOOR. CHANGED ALL VACUUM FILTERS. REPAIRED TEST DOOR LATCH. C/W AD 76-07-12 BY TESTING IGNITION SWITCH FOR PROPER OPERATION; NEXT TEST DUE AT 1683 HRS.					"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." "Pertinent details of the repair are on file at this repair station under Order No. <u>21145</u> Date <u>11/2/84</u> Signed <u>[Signature]</u> for (Signature of authorized representative) Showalter Flying Service, Inc. Municipal Airport - Orlando, Florida FAA Approved Repair Station #4444 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Final</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		

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

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AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
2/12/86	RECORDING TACH READS 1724.3 HRS T.T.						I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A. <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
YWAD 76-07-12	CHECKED MAG. SWITCH OPERATION.						"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."
YWAD 84-26-02	BY CHECKING INDUCTION AIR FILTER, CLAMPED HOSE IN NOSE GEAR WELL.						"Pertinent details of the repair are on file at this repair station under Order No. <u>22901</u> Date <u>2/12/86</u>
	REPLACED LEFT WING FUEL DRAIN, TRIMMED BOTH WING ROOT PLATES WHERE CHAFING, TREATED AIRCRAFT WITH PAR-AL-KETONE PRESERVATIVE FOR ANTI CORROSION, REPLACED RT. FUEL SUMP DRAIN VALVE, INSTALLED NEW FUEL TANK PLACARDS						Signed <u>Raymond H. Baird</u> for Showalter Flying Service, Inc. Municipal Airport - Orlando, Florida EAA Approved Repair Station #4444
	REPLACED AFT. STAB. TRIM ROD END, REPLACED TAIL NAV. LIGHT BULB, REPLACED NOSE GEAR DOOR PINS, CHECKED ADS THRU ISSUE 86-02 FOR COMPLIANCE, SEE COMPLETE A.D. LIST ATTACHED TO FRONT OF THIS LOG BOOK						

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		
3/28/86					Removed #1 VOR/ILS ind. this date and replaced L-R meter movement with new partender W.O. 3096
					ORLANDO AVIATION CORPORATION F.A.A. APPROVED REPAIRED STATION # 704-703 P. O. BOX 20741 ORLANDO, FLORIDA 32814
5/1/86					Removed & Replaced R35 Bat CR CR 5/3/86

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			1. SERVICED & CHARGED BATTERY & CLEANED TERMINALS 2. SERVICED BRAKE RESERVOIR 3. LUBED AIRFRAME 4. INSTALLED NEW POSITION LIGHT IN RUDDER STAIL 5. SERVICED TIRES 6. DRESSED PROP 7. REPAIRED LANDING LIGHT WIRE AT FUSELAGE				
I certify that this ACFT has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Time in service <u>1864.6</u> Date: <u>5-11-87</u>							
Signed: <u>B.A. Jellison</u> Tach. Time <u>1864.6</u>							
Cert. No.: <u>A4P 20002051A</u> A/C Total Time <u>1864.6</u>							
Eng. Total Time <u>1864.6</u>							
Eng. T.S.M.O.H. <u>N/A</u>							
Prop T.S.M.O.H. <u>276.6</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	19		
VOR 1	VOR 2					
						1. Labeled AIRFRAME 2. installed two rivets on nose gear over-center attach point 3. DRESSED PROP 4. SERVICED & CHARGED BATTERY 5. SERVICED HYDRAULIC RESERVOIR WITH MIL 5606 6. SERVICED BRAKE RESERVOIRS WITH MIL 5606 7. installed two new attach pins for nose gear doors 8. LUBED SEAT RAILS 9. installed new door handle on right access door 10. CLEANED battery cables 11. SERVICED TIRES WITH AIR 12. SERVICED NOSE STRUT WITH NIKESCAN JOL CAT 13. REPAIRED NOSE GEAR DOOR ATTACH POINTS I certify that this ACFT has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Time in service <u>1992.2</u> Date: <u>JUN 01 1988</u> Signed: <u>B.A. Jellison</u> Cert. No.: <u>A4P 20002051A</u>
						I certify that this ACFT has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Time in service <u>1992.2</u> Date: <u>JUN 01 1988</u> Signed: <u>B.A. Jellison</u> Cert. No.: <u>A4P 20002051A</u>

Tach. Time 1992.2
 A/C Total Time 1992.2
 Eng. Total Time 1992.2
 Eng. T.S.M.O.H. N/A
 Prop T.S.M.O.H. 404.2

MEMORANDA

Date	
1-27-78	C/w SE 77-36 (INSTALL MANIFOLD PRESS KIT)
8/18/84	Installed new Solenoid. 3 New tire tubes Packed Wheel Bearings:
5/16/91	New Sigma-toh Vacuum Pump

A. D. NOTES

MEMORANDA

Date	
77-12-08	GROUND POWER RECEPT. - N/A
77-23-11	ELT INSTALLATION - N/A
76-07-12	BENDIX SWITCH - C/w 1/21/78 C.A. Donnan ASP 2112697
77-12-07	2000 SERIES MAGS - C/w 1/18/78 C.A. Donnan ASP 2112697
79-08-03	Cigar lighter 6/7/79
79-10-14	Wanted fuel cap 6/7/79
86-24-07	C/w by installing AN 8-10 bolt nut on control cable ends each 184.6 Inches

MEMORANDA

Date	
11/20/85	New Brake Pads - 1707:4
3/28/86	Replaced L-R motor with new Part to Voz.
1/19/86	Removed & Replaced switch & magnet. Performing retraction check.
12/25	Right new tire - New Brake Shoes - 1959 Re. - 1960 pad Disc
12/18	cleaned Switch down Sight. O.K.
1/21/87	New Brake Pads New Brake Disc - 1960 Re.

Bendix Angition System
 System Part no 10-385124-110 - B1
~~mag~~ magento Part no - 10-382 555-11- E
 Harness Part no - 10-384 405-303
 Magento type D4 L N 20 21
 Condensor 10-32807

The Standard

XIV AIRY LOC

8-10



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SEATTLE, WA 98108-3307

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER Cessna MODEL 177RG SERIAL 177RG1102
REGISTRATION NUMBER N45312 DATE MFG. _____
ENGINE(S) CURRENTLY INSTALLED.
MFG Lycoming MODEL T0-360-A1B6D SERIAL L-16533-51A
MFG _____ MODEL _____ SERIAL _____
PROPELLER(S) CURRENTLY INSTALLED.
MFG _____ MODEL _____
HUB MODEL _____ SERIAL _____ SERIAL _____
BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____
BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____

The Standard
 **AIRCRAFT LOG**

ORLANDO AVIONICS CORP.
Executive Airport
P.O. Box 20741
Orlando, FL 32814
Phone: (305) 894-9963

RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF OTHER SPECIFIC ENTRIES.)
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ORLANDO AVIONICS CORP.

EXECUTIVE AIRPORT • P.O. BOX 20741
ORLANDO, FLORIDA 32814

SERVICEABLE
CUSTOMER BOB GATRELL AC/NO. 45312
REPAIR ORDER NO. 5700 ITEM NO. 1 MGF. OF PART ARC
MODEL EA 401A S/N 3689

EXPLANATION
Tested in compliance with Appendix
E Part 43, FAA Regulations
DATE 5-2-88 TECH [Signature] INSP. [Signature]

1500
-20
25
14
2

Sid Alt. Error ± Tol

tested to
system

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
------	---------------------------	------------------	-----------------------------	---

19 89
4/23/89 2150

Installed new bushing and bearings in horizontal tail and new bolts. Rebuilt trim actuator gear box due to excessive play. Stripped paint from horizontal tail surface and repainted using colors matching old colors. Installed stiffener on L/H side of horizontal tail boom.

[Signature]
APR 223-66-1735A1

5/30/89

Left + Right Prop Jack R.E. Gatrell

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
21403		2140.3	Installed New Spinner Cost \$61.40. Done
2177.9			PERFORMED A ANNUAL INSPECTION AT THIS TIME AND
			THIS AIRCRAFT IN AIRWORTHY CONDITION. CLEANED AND RE-PACKED
			WHEEL BEARINGS, LUBRICATED ROD GEAR, LUBRICATED ALL FLIGHT
			TOOLS. SERVICED BATTERY. SERVICED NOSE STRUT WITH MIL-H-5606
			FLUID AND "STRUT SEAL" TO STOP FLUID SEEPAGE, CHARGED TO 38 PSI.
			WIRE SWITCH TO ELIMINATE "BUTT CONNECTORS" ON NOSE GEAR DOWN
			W PER CUSTOMERS REQUEST. REPAIRED INOPERATIVE GEAR DOWN
			T BY REPAIRING BRAKE IN WIRING CIRCUIT. REPAIRED GEAR WARN-
			DOWN BY RE-SOLDERING BROKEN WIRES BACK ON TO THROTTLE SWITCH.
			USED GROUND WIRE ON THE ALTERNATOR BY INSTALLING A NEW

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				CABLE END ON THE GROUND WIRE. INSTALLED A NEW BRACKETT P/N
				BA-5710 AIR FILTER ASSY. AT THIS TIME, SEE 337 DATED THIS DATE,
				THIS MOD APPROVED BY STC # SATIGL. INSTALLED A NEW P/N 173203-4
				BRACKETT ON THE STABILATOR SPAR DUE TO A CRACK IN THE ORIGINAL.
				INSTALLED A NEW ELT BATTERY WHICH EXPIRES IN MAY 1992, OPS
				CHECK ON ELT OK. REPAIRED BAD PLUG RECEPTACLE IN TAIL NAV LIGHT-
				OPS CHECK OK. REPAIRED INOPERATIVE RIGHT WING TIP STROBE BY
				REPLACING FLASH TUBE -OPS CHECK OK. INSTALLED NEW 100 LL
				FUEL PLACARDS ON BOTH WINGS TO COMPLY WITH FAIRS.
				TOPPED OFF HYDRAULIC POWER PACK WITH MIL-H-5606 FLUID. PROPER-
				POSITIONED TRIM CABLES ON PULLEYS AT FUS. STA. 188.5, CABLES WERE
				FOUND TWISTED AROUND EACH OTHER 1 TURN AND OFF THE PULLEYS,
				SEE NEXT PAGE →

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			CABLE DAMAGE NOTED. REMOVED BATTERY CABLES FROM BATTERY CLEANED OFF MINOR CORROSION. RE-TORQUED LOOSE 90° FIT- ON TOP OF LEFT FUEL RESIDUE TANK WHICH WAS LEAKING FUEL- LEAKS NOTED OVERNIGHT. CLEANED OFF MINOR SPOTS OF CORROSS- ON AIRFRAME AS NEEDED AND PRIMED AND PAINTED. CLEANED CORROSION FROM BASES OF BOTH COMM ANTENNAS AND PRIMED PAINTED. INSTALLED A NEW MAIN TIRE ON THE LEFT WHEEL WHICH WAS SUPPLIED BY THE CUSTOMER. REMOVED BOTH WHEEL BRAKE CYLINDERS - REPLACED O-RINGS ON THE RIGHT CYLINDER, RE- FILLED AND BLED BRAKE, REPLACED THE LEFT CYLINDER DUE TO CRACK WHICH WAS LEAKING FLUID WITH A NEW HOUSING. RE- FILLED THE 90° FITTING ON TOP OF THE LEFT BRAKE CYLINDER

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				ALSO DUE TO A CRACK WHICH WAS LEAKING. RE-TORQUED LOOSE NUTS AND BOLTS AT THE SHIMMER DAMPNER, NOSE STEERING ATT- ACH POINT ON NOSE GEAR AND THE NOSE GEAR DOOR RETRACT SYSTEM WAS DISASSEMBLED FOR CLOSER INSPECTION - FOUND AIR- WORTHY AT THIS TIME. REPAIRED A DAMAGED SPOT ON AN UNIDENTI- FIED WIRE UNDER PANEL BY CUTTING AND SPLICING WITH A BUTT CONNECTOR. TRIMMED ENGINE COWL SLIGHTLY TO STOP CHAFFING ON NOSE GEAR DOOR PER CUSTOMERS REQUEST. LOG GEAR NORMAL AND EMERGENCY TEST ALL SATISFACTORY. AIRCRAFT WASHED. CHW AD 87-20-03 RI ON SEATS AND RAILS BY VISUAL INSPECTION - CHECKED OK AT THIS TIME - DUE AGAIN AT NEXT ANNUAL UNDER PART 91 REGS. FOUND AD 88-12-12 AND AD 96-24-07 HAD BEEN

RECORDING
TACH
TIME
2259
S TIR
ADDITION
534
IN TIR
9002
TACHED



REPAIR
STATION

NJ3R712L

AIRCRAFT EXHAUST SYSTEMS
KNISLEY WELDING, INC.
FAA CERTIFICATED
REPAIR STATION #14245
3450 Swezer Road
Loomis, CA 95650
(916) 652-5891

SERVICEABLE

Mfr. Name CESSNA
Component Name MOTOR

Model 177R
P/N 205400-37

The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 13164

Date 7-22-80
Signed [Signature]
(Authorized Individual)

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PLACED IN 6. ACTUATOR ROD END WITH A NEW
1041075-1 ROD END BEARING TO COMPLY WITH
SNA S I, 79-37. REPLACED 9 COWL SHOCK MOUNTS
REQUIRED. REPLACED MIXTURE AND RIGHT COWL
AND CONTROL CABLES. REPLACED THE P/N LW10729

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				ACTUATOR BRACKET DUE TO WEAR. REPLACED A LOOSE CHERRY MAX RIVET ON STABILATOR SPAR. REPLACED BOTH BRAKE FLEX HOSES ON MAIN GEARS AND BLED BRAKES. REMOVED TRASH ACCUMULATIONS FOUND IN TAIL COMB. REPLACED FRONT NOSE GEAR DOOR HINGES. INSTALLED A BRACKET ON LEFT WING FOR A MIRROR TO CHECK LDG. GEAR. IN AD 90-04-06 ON ENG. AND 87-20-03 RI ON AIRFRAME. LUBRICATED LANDING GEAR, REPLACED SWITCH ON THROTTLE FOR GEAR WARNING, CLEANED AND PACKED WHEEL BEARINGS. SERVICED BATTERY. ELT OPS CHECKED OK, BATTERY GOOD TIL 5/92. LUBRICATED FLIGHT CONTROLS, RIGGED FUEL SUMP

ORLANDO AVIONICS CORP.

Executive Airport
P.O. Box 140741
Orlando, Florida 32814
Telephone: (407) 894-9963

SERVICEABLE

CUSTOMER Bob LAHRELL AC/NO. N45312
REPAIR ORDER NO. 14305 ITEM NO. UNITED
MODEL 5934P-1 S/N 67449
EXPLANATION CERTIFIED ALTIMETER TO
20,000 FT TAW FAR 43 APPE
DATE 6/1/92 TECH [Signature] INSP. [Signature]

Std. Alt.	Error	± Tol
-1000	+10	20
0	0	20
500	+10	20
1000	+20	20

ired
and

95

2M

B. Stepmen

was functionally tested in accordance with FAR 43, App. E
by: Jay B. Stepmen Date: 6/1/92

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19 <u>92</u>				
6/1/92				Both VOR'S checked & set by Orlando Avionics. Was off. Reset OK now. REPLACED EGT BATTERY DATED SEPT 91
7/1/92				24510 DATE 7/1/92 N45312 I certify that this aircraft has been inspected in accordance with an <u>ANNUAL</u> NOTED MAIN TILES IMPROVED DNG inspection and was determined to be in <u>NOSE WHEEL BEARING REAR WHEEL CAN LOCK</u> airworthy condition. All A.P. (s) to date recorded in rear of log book. Pertinent <u>REPTILLY INSTALLED NEW AIR CLEANER</u> details of inspection to follow AI 1770128 <u>[Signature]</u> GARY W. FULLER
10/17	2420			Done Ray Check found OK R.E. Stoll

ORLANDO AVIONICS CORP.

Executive Airport
P.O. Box 140741
Orlando, Florida 32814
Telephone: (407) 894-9963

ORLANDO AVIONICS CORP. DBA

SERVICEABLE

CUSTOMER Bob GARELL AC/NO. N45312
REPAIR ORDER NO. 14305 ITEM NO. UNITED
MODEL 5924P-1 S/N 67449
EXPLANATION CERTIFIED ALTIMETER TO
20,000 FT TAW FAR 43 APPE

DATE 6/1/92 TECH RD INSP. Jay B. Steppan

Std. Alt.	Error	± Tol
-1000	+10	20
0	0	20
500	+10	20
1000	+20	20

15

was functionally tested, in accordance with T.O. 1-1, App. 1
by: Jay B. Steppan Date: 6/1/92

ired
and

75

32M

J. B. Steppan

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1992				
6/1/92				Both CORS checked & set by Orlando Avionics. was off Reset OK now.
2451.0	2.1992			REPLACE ECT BATTERY DATED SEPT 99
				I certify that this aircraft has been inspected in accordance with an <u>AVIATION</u> NOTED MAIN TILES INSTALLED ONE inspection and was determined to be in <u>NOSE WHEEL BEARING REMOVED TEN CAR LOCK</u> airworthy condition. All A.D. (s) to date recorded in rear of log book. Pertinent <u>REPTILES INSTALLED NEW RIZ CLEANER</u> details of inspection to follow.
				At 1770128
				<u>GARY W. FULLER</u>
10/17	2420			Done Key Check found OK R.E. Stetall

ORLANDO AVIONICS CORP. Return to Service

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2544.4	-	2544.4	Serviced Brakes Tires & Battery. Replaced nose Tires & Tube. Repacked wheel bearing. Replaced all Brake linings. Replaced Battery contactor with a new part. ops checked ELT - checked OK - BATT. EXPIRES 9-74. Gw AD87-20-0342 by Insp. seat Rails & rollers. Performed Retraction Test & ops checked Emergency Extension. Greased landing gear. Serviced Hyd. Reservoir. Cleared fuel strainer. Repacked all 4 upper wing panels. I certify this aircraft was

cont.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				inspected in accordance with Annual Inspection procedures and is approved for Return To Service. B. S. JH 2426411487

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2165.7		2165.7	Serviced Brakes Tires & Battery. Ck'd and lubed all controls. Ck'd all lights for operation - Required ground tail taxi light. Replaced Va. Regulator filter. Serviced Hyd. Reservoir. Performed Retraction Test & ops Ck'd Emergency Extension system. Greased gear. ops ck'd ECT - Ck'd OK - Batt expires 9-74. C/w AD 87-20-03R2 by Insp. seat rails and rollers C/w AD 93-05-06 by Lubing. Jcn. Jd and installing Diode on solenoid. Checked fuel strainer. I certify this aircraft

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				was Insp. in accordance with Annual Insp procedures and is approved for Return To Service. B.S. JH CA264111367
9/13	26728			Change oil Filter
9/17	26732			Change Left Tire <i>Ken Stutter</i>
				Change

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
26900			Cleaned miss fuel injectors Cleaned miss plugs Ck Comp #74/80 #77/80 #3 76/80 #4 72/80 Ck alt output cleaned and compartment Functional check work done above Remove service W 5606 hydraulic fluid reinstalled shiny dampener Inspected & lubed nose gear Functional checked work done above JTC

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10/11/94	26921			Remove DG sent to Flight instrument Complete rebuild reinstalled Installed new line filters #55031F see work order
	27303			Remove Charge Bunkers New bearings Remove Charge Right tire Pa Sellen
12/11/95	27364			Installed new Battery

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
26973		26973	Remove Altimeter #G7449 Service and reinstalled new work order
26983			Oil Change and Check PTT
27554			Oil Change and check PTT

IFR CERTIFICATION - LOGBOOK ENTRY

DATE 2/16/95 REG# N4531Z

I CERTIFY THAT THE ALTIMETER, STATIC & TRANSPONDER
SYSTEM CHECKS REQUIRED BY FARs 91.411 & 91.413 HAVE
BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO:

18,000 FT. AUTHORIZED SIGNATURE Dan French

TESTING BY: FLIGHT CONTROL SERVICES CRS# 0FHR414L
351 8TH AVE SE HANGER 3 ST PETERSBURG, FL 33701

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF TY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)																																																																																																																																																															
IFR CERTIFICATION FLIGHT CONTROL SERVICES CRS # 0FHR414L 351 8TH AVE SE, ST. PETERSBURG FL 33701 ALL TESTING IN ACCORD WITH FAR PART 43 APP E & F.				<table border="1"> <thead> <tr> <th>ALTITUDE</th> <th>LIMIT</th> <th>LT</th> <th>RT</th> <th>ERROR</th> <th>FRICTION</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>20</td><td>-5</td><td>0</td><td></td><td></td></tr> <tr><td>0</td><td>20</td><td>-5</td><td>0</td><td></td><td></td></tr> <tr><td>500</td><td>20</td><td>-10</td><td>-5</td><td></td><td></td></tr> <tr><td>1000</td><td>20</td><td>-5</td><td>0</td><td>15</td><td></td></tr> <tr><td>1500</td><td>25</td><td>-10</td><td>-10</td><td></td><td></td></tr> <tr><td>2000</td><td>30</td><td>-5</td><td>-5</td><td>15</td><td></td></tr> <tr><td>3000</td><td>30</td><td>0</td><td>+5</td><td>15</td><td></td></tr> <tr><td>4000</td><td>35</td><td>0</td><td>-5</td><td></td><td></td></tr> <tr><td>5000</td><td></td><td></td><td></td><td>15</td><td></td></tr> <tr><td>6000</td><td>40</td><td>+15</td><td>-20</td><td></td><td></td></tr> <tr><td>8000</td><td>60</td><td>+15</td><td>-30</td><td></td><td></td></tr> <tr><td>10000</td><td>80</td><td>+35</td><td>-40</td><td>20</td><td></td></tr> <tr><td>12000</td><td>90</td><td>+20</td><td>-55</td><td></td><td></td></tr> <tr><td>14000</td><td>100</td><td>+20</td><td>-55</td><td></td><td></td></tr> <tr><td>15000</td><td></td><td></td><td></td><td>20</td><td></td></tr> <tr><td>16000</td><td>110</td><td>+5</td><td>-95</td><td></td><td></td></tr> <tr><td>18000</td><td>120</td><td>+25</td><td>-110</td><td></td><td></td></tr> <tr><td>20000</td><td>130</td><td></td><td>-145</td><td></td><td></td></tr> <tr><td>22000</td><td>140</td><td></td><td></td><td></td><td></td></tr> <tr><td>25000</td><td>155</td><td></td><td></td><td></td><td></td></tr> <tr><td>30000</td><td>180</td><td></td><td></td><td></td><td></td></tr> <tr><td>35000</td><td>205</td><td></td><td></td><td></td><td></td></tr> <tr><td>40000</td><td>230</td><td></td><td></td><td></td><td></td></tr> <tr><td>45000</td><td>255</td><td></td><td></td><td></td><td></td></tr> <tr><td>50000</td><td>280</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>				ALTITUDE	LIMIT	LT	RT	ERROR	FRICTION	-1000	20	-5	0			0	20	-5	0			500	20	-10	-5			1000	20	-5	0	15		1500	25	-10	-10			2000	30	-5	-5	15		3000	30	0	+5	15		4000	35	0	-5			5000				15		6000	40	+15	-20			8000	60	+15	-30			10000	80	+35	-40	20		12000	90	+20	-55			14000	100	+20	-55			15000				20		16000	110	+5	-95			18000	120	+25	-110			20000	130		-145			22000	140					25000	155					30000	180					35000	205					40000	230					45000	255					50000	280				
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MODE C TRANSITION ACCURACY TRANSPONDER REPLY FREQ <u>1090</u> POWER <u>150</u> 90% REPLY? <u>1/2</u> SLS <u>W/AMTL-70</u> AUTHORIZED SIGNATURE <u>Dan French</u> DATE OF TESTING <u>2/16/95</u>																																																																																																																																																																			

Mode C Correlation based on left altimeter

LT Altimeter Mode C Function Disabled

Transponder SDO-120 Blind Encoder
was wired into RT 359A Transponder
Weight change N/A
Dan French CRS # 0FHR414L

LT Altimeter no Friction Etc Type - RT Altimeter failed at 18,000

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-24-95	Tach & Total Time	2842.1	EXPANDED ALL ACCESS PANELS, CLEANED, INSPECTED LUB/SERVICE ALL SYSTEMS, CABLES & CONTROLS PER CESSNA SERVICE (MANUAL 100HR. SECTION). REPLACED ECT BATT. DUE DATE AUG 97. REPLACED FUEL CAP & ADAPTERS PER SK 177-390 C/JW A.D. 79-10-14. INSP. A.D. 87-20-03 RE SEAT TRACKS, A.D. 78-07-07 IMPROVE COUPLING A.D. 74-07-12 1 GN. SWT. A.D. 93-03-02 BRACKET A 10 FUEL CLOSED ALL PANELS, C/PV. OF LANDING GEAR SYSTEM PER CESSNA SER MAN. LOCALLY MAINTAINED AIRCRAFT HAS BEEN MAINTAINED PER 100 HR. 100 HR. OUTSTANDING WORK AS FOLLOWS: COTR 2 DAY APR 15/16/17/18

[illegible]

USER CERTIFICATION - LOGBOOK ENTRY

DATE 3/2/99 REG# 45312

I CERTIFY THAT THE

SYSTEM CHECKS

BEEN PERFORM
20,000 FT.

TESTING BY: FH

JRF

330

SERVICEABLE

ITEM DESCRIPTION		ENC ALT	
PART NO.		EA 401A	
MFGR.		ARC	
W.O. NO.		F18448	
INSPECTOR		1515	
INSPECTION OR TEST IS REQUIRED IF STORED AFTER		22699	
REP - CERT. FAR 43E TSO C88 20K		DATE	
MODE C TRANSITION ACCURACY		40	
TRANSPONDER			
EPLY FREQ		1090	
POWER		250	
% REPLY?		0%	
SLS		OK	
MTL		-10	
AUTHORIZED SIGNATURE		3/2/99	
DATE OF TESTING		Dan French	

18000	120	-35	
20000	130	-100	45
22000	140		
25000	155		
30000	180		
35000	205		
40000	230		
45000	255		
50000	280		

Mode C referenced to
ALT #1

CUSTOMER

DAVID ALLIED

1. See WO/8448 for # data

31330 ha

Precise Devices Co.1689 PALACE DRIVE
CLEARWATER, FLA. 33756
PHONE 813-581-4149

SERVICEABLE

ITEM DESCRIPTION <i>MAN. FUEL PRESS.</i>	
PART NO. <i>6333</i>	MODEL OR TYPE
MFGR. <i>UNITED</i>	SERIAL NO. <i>154664</i>
W.O. NO. <i>E18470</i>	DATE <i>3/8/97</i>
INSPECTOR <i>[Signature]</i>	
INSPECTION OR TEST IS REQUIRED IF STORED AFTER <i>REPAIRS & CRT</i>	

CUSTOMER

D & D Auto
Dan Hixon

Signed

[Signature]
*FA 1879000*RS AND ALTERATIONS
(AND CERTIFICATE NUMBER OF
OR OTHER SPECIFIC ENTRIES.)*Flap control**317H1*

I certify that

was inspected in

proper inspection

worthy condition.

to

DA

19

WILKERSON CO., INC.
AIRCRAFT TIRE DIV.
206 W. VIRGINIA AVE.
CREWE, VA 23930

INSPECTION RECORD AND WORK ORDER

NUMBER

DATE

CUST/AC TYPE

SIZE

PLY

R-LEVEL

SERIAL

MFG

OTHER

MAINTENANCE RELEASE

This aircraft tire was retreaded and inspected IAW
current FAR's and was found airworthy for return to
service. Pertinent details are on file.

RELEASED BY

*[Signature]*WILKERSON COMPANY INC. - FAA MQ1R331K
206 W. Virginia Ave.
Crewe, VA 23930
804-645-9641

(Fax 804-645-7759)

DMS
NUMBER OF
ENTRIES.)*3/12/01**Included*
*1417**STC SA 328650 cowling**[Signature]*
FA 1879000

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			Cycle Gear OK. replace more secondary adjustment. Run up Switch Parts
			Total Time 3441
			Tachometer 3441 I certify that
			this (aircraft) (engine) has been inspected in
			accordance with a (annual) (100 hour) inspection
			and was determined to be in airworthy condition.
			Dated 10-1-01 W.O. No.
			Signed <i>[Signature]</i> FA 1879000
3461			INSTALLED OVERHAULED Prop <i>[Signature]</i> FA 1879000

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1995				
DATE 7-24-95	TACH	TOTAL TIME	2842.1	A COMPLETE LIST OF ALL P.D. NOTES ARE
				LISTED IN BACK SECTION OF THIS LOG BOOK THEN THIS
				DATE / 95-14M
				100 HOUR INSPECTION AIRCRAFT
				ANNUAL
				<i>[Signature]</i> AP 5161361A

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2872.4			REMOVED Prop Governor REPLACED WITH McCaughey Prop. Governor \$274661 GRD RUN & ADJUSTED OK Hans PL 414786552
2956.6			8-31-96 2956.6 SMOH 696.8 ANNUAL RAH Miller FA 1879000

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-9-96				Install Offset Prop # 892086 Install 25 power supply wiring for Stables
	2956.6	RAH		Date 11-9-96 T.T. (1) 2956.6 (2) I certify that this AC/Fug. has been inspected in accordance with a prop inspection & has been found satisfactory. Sig. <u>RAH Miller</u> Cert. # <u>FA 1879000</u> Remove old. Install Vacuum Pump Service Replace right Brake Service Strut FA 511-52-3482
67791	30255			

-SERVICE-

FLA. AIRCRAFT INSTRUMENTS, INC.

Municipal Airport
Leesburg, Florida

Repair Station
No. 708-7

---AIRS AND ALTERATIONS
AND CERTIFICATE NUMBER OF
ENTRIES.)

Model 1394T100-3(7R2) Serial No. 4-8012-334
Type TURN CO-ORD Mfg. EGC
Customer ORD AUTO SALES

☐ Calibrate ☐ Check ☐ Certified to FAR 43
☐ Repair ☒ Overhaul ☐ Appen. E. ☐ F.

T.S.O. _____ TTIS _____

Work Order No. 8057-3 Date 2-27-98

Mechanic N. 21/2 Inspector N. 21/2

ALL
COMP
J
MOE

The AI
repairs
regulat
and/or
pertine
station

OWNEI
W.O. #

-Gul-

4243 N. Westshore Blvd. Tampa, Florida 33614

Phone (813) 879-9714

FAX (813) 875-4514

FAA Approved Repair Station #UB4R564M

DATE RECORDING

19

11/

SCALE CORRE

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Precise Devices Co.

1689 PALACE DRIVE
CLEARWATER, FLA 33756
PHONE 727-581-4149
FAX 727-585-1650

SERVICEABLE

ITEM DESCRIPTION	
ALTIMETER	
PART NO.	MODEL OR TYPE
57347-1	
MFGR.	
UNITED	
W.O. NO.	SERIAL NO.
20503	97447
INSPECTOR	DATE
	3/19/03
INSPECTION OR TEST IS REQUIRED IF STORED AFTER	
1 SEP 01 227. TO PAR 43E 2 0900	
TESTED BY:	

CUSTOMER

Dan Aron

edition

Return to Service

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			ALZ. US1 AIRSPEED

ify that the altimeter, static system and altitude
ring test required by F.A.R. 91.411 and F.A.R. 43
ndix E and F have been performed.

Altimeter has been tested to 20,000 ft.

Date: 11/06/03

to # UM 42575M

MAC AVIONICS, INC.
3470 DRANEFIELD RD.
LAKELAND, FL 33811

(863) 646-8790

The transponder identified below was tested
according to F.A.R. 91.413 and is approved for return
to service:

MFR PRC MODEL RT359A S.N. 12095
Date 11/06/03 Tech. [Signature] Cert# UM 42575M
MAC AVIONICS, INC.
3470 DRANEFIELD RD.
LAKELAND, FL 33811
(863) 646-8790

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/103				Int gear p cycle ✓ New ELT Repair vac fuel filter Reg EXP 06-06 Date 12-1-03 T.T. (L) <u>3576.4</u> (R) <u>525.1</u> I certify that this AC/Eng. has been inspected in accordance with a inspection & has been found airworthy. Sig. <u>[Signature]</u> Cert. # <u>FAI 87900</u>
				Repair Ch Main
11/24/04	35435			Installed rebuilt fuel boost pump Ops OK. Fuel # 4140.00 17RX <u>[Signature]</u> A-P 1879000

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/21/02				ALZ. US1 AIRSPEED

I certify that the altimeter, static system and altitude reporting test required by F.A.R. 91.411 and F.A.R. 43 Appendix E and F have been performed.

The altimeter has been tested to 20,000 ft.

Signature [Signature] Date: 11/06/03

Certificate # LM42575M
MAC AVIONICS, INC.
3470 DRANEFIELD RD.
LAKE LAND, FL 33811 (863) 646-8790

The transponder identified below was tested according to F.A.R. 91.413 and is approved for return to service:

MFR PRC MODEL RT359A S.N. 12095
Date 11/06/03 Tech. [Signature] Cert. # LM42575M
MAC AVIONICS, INC.
3470 DRANEFIELD RD.
LAKE LAND, FL 33811 (863) 646-8790

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/1/03				Int gear p cpts ✓ New ELT Repair vnc <u>[Signature]</u> Reg EXP 06-06 Date 12-1-03 T.T. (L) <u>3576.4</u> (R) <u>3576.4</u> OPS CK OK I certify that this AC/Eng. has been inspected in accordance with a inspection & has been found airworthy. Sig. <u>[Signature]</u> Cert. # <u>FA187900</u> Repair CK <u>[Signature]</u> Installed repair fuel Boost Pump Ops CK OK. Fuel # 41140-0017R <u>[Signature]</u> FA187900
1/2/04	35935			

FAA Form 8130-1, Return to Service

ORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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AeroComm Avionics
Clearwater, Florida

Airframe Log Entry

WO#	Date	Reg No	Hobbs	Tach	Tach	Page
439	7-12-04	N45312	00587.5	3629.0		1 of 1

Removed ARC audio panel and installed a King KMA24 Audio MKR panel. Repaired #1 Nav wiring. OPS checks ok.

I certify that this aircraft and or appliance identified above was repaired/alterd and inspected in accordance with current FAA Regulations and for the work performed was found airworthy and is approved for return to service.

Authorized Signature *[Signature]* FAA (A) CRT# 265650846

AeroComm Avionics

14609 Airport Parkway Clearwater, FL 33762

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Eastern Avionics Radio Shop, Inc. Charlotte County Airport (PGD) 8000 Skylane Way Punta Gorda, FL 33982
LOG ID# 595 308-November-2003 WO# 5942/1 REF# 5942
N45312 S/N CESSNA 441

Pg 1 / 1

**** ITEM = 5942-1 T/S transmit problems on #1 and #2 Coms ****DISCREPANCY: Test radios and T/S antenna systems for faulty transmit functions of both comms. ACTION: Ops check bad. Duplicated customer squawk. Removed both comms to the bench for checkout, and found no problems with either radio. continued troubleshooting and found Com-1 VHF Com Antenna had a lightning strike mid way up the antenna. Removed the antenna and found extremely high VSWR on the antenna system. Upon removing the antenna from the A/C. it was found to have extremely heavy corrosion damage on the base of the antenna. Coax was found to have high SWR on it also and was cut to an incorrect wavelength. Replaced both the #1 Com Coax and the #1 com VHF Antenna, as well as the #2 Com Coax. Removed and replaced interior molding, leading edge panels and antenna access panels for access to coax and antenna base. Reassembled and ops checked good IAW Narco MK-120 (CR) Installation and operation manual.

Signature: *[Signature]* Ronald J. Shabott Date: 11-8-04

Return to Service X

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			4W AP 87-20-03 R2 SCAT TRUCK OF OW 99-24-10 B. PUNK FLIGHT TEST en Hyd Gen Reservoir Fluid Total Time..... Tachometer ... 3.6.6.2.3..... I certify that this (aircraft) (engine) has been inspected in accordance with (manual) (100 hour) inspection and was determined to be in airworthy condition Dated 1-5-05 W.O. No..... Signed <i>[Signature]</i> 1879000

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				INSTALL NEW CAT Probe # 4H287H " " SQUINT 4W # 60 2 ENG 2-8.5 4W AP 87-20-03 R2 SCAT TRUCK OF 99-24-10 B. PUNK FLIGHT TEST INSTALL NEW # 2016021-4(2) FUEL DRAIN'S Total Time..... Tachometer ... 3.6.8.5.1..... I certify that this (aircraft) (engine) has been inspected in accordance with (manual) (100 hour) inspection and was determined to be in airworthy condition Dated 2-1-06 W.O. No..... Signed <i>[Signature]</i> 1879000

ITEM: 6 PN: 53E22144
ORDER: 1383143/LOT:
DESC: VALVE VERNA
QTY: 1
U/M: EA

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 1383143	
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218					
5. Work Order/Contract/Invoice Number: 658082					
6. Part:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
6	VALVE VERN	53E22144	152		152255
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# 0601306					
14. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.					
15. Authorized Signature: <i>Billy G. Prichard</i>					
16. Approval/Authorization No.: 100129CE					
17. Name (Typed or Printed): BILLY G. PRICHARD, ODARF					
18. Date (m/d/y): OCT/09/2006					
19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.					
20. Authorized Signature:					
21. Approval/Certificate No.:					
22. Name (Typed or Printed):					
23. Date (m/d/y):					
Use/Installer Responsibilities 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 performs work in accordance with the national regulations of an airworthiness 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 part/component/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

FAA Form 8130-3 (8-01) NSN: 0052-00-012-9005
NSN: 0052-00-012-9006

IONS
UMBER OF
ENTRIES.)
WITH A
L

18,000 FT. 10 FPM 1680

PASS	3,000	70	FAIL	1680
FAIL	5,000	70		
	10,000	10		
	15,000	10		

ACCURACY:

ALT.(FT)	TOL	READING	±	ALT.(FT)	TOL	READING	±
-1,000	±20	-1005	5	14,000	±100	13930	70
0	±20	0	0	16,000	±110	15930	70
500	±20	500	0	18,000	±120	17900	100
1,000	±20	1000	0	20,000	±130	19900	100
1,500	±25	1590	10	22,000	±140		
2,000	±30	1990	10	25,000	±155		
3,000	±30	2980	20	30,000	±180		
4,000	±35	3975	25	35,000	±205		
6,000	±40	5970	30	40,000	±230		
8,000	±60	7960	40	45,000	±255		
10,000	±80	9950	50	50,000	±280		
12,000	±90	11960	40				

CORRESPONDENCE TEST (±1-125 FT)
9K ✓ 12K ✓ 15K ✓ 18K ✓ 20K ✓ 25K ✓
HYSTERESIS (±1-75 FT) 50% ✓ 40% ✓
AFTER EFFECT (±1-30 FT) MAX/ALT
PASS PASS PASS
FAIL FAIL FAIL

ALTIMETER (ENCODING) HAS MET ALL REQUIREMENTS OF FAR 43 APP. E. PARA. (B)
TECHNICIAN *Rodriguez*

ITERATIONS
TE NUMBER OF
CIFIC ENTRIES.)

Return to Service

Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulation, part 43 and in respect to that work, the items are approved for return to service.

20. Authorized Signature: *William E. Latimer Jr.*

21. Approval/Certificate No.: ZV4R714M

22. Name (Typed or Printed): WILLIAM E. LATIMER JR.

23. Date (m/d/y): 09/09/02

Responsibilities

install the part/component/assembly..

Except than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer of the country specified in Block 1.

must contain an installation certification issued in accordance with the national regulations by the user/installer with applicable technical data.

NSN:0052-00-012-9005

FLIGHT SERVICE

ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

Date: 1/17/2007; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 707.90; Tach: 3721.30; Total Time: 3721.30; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 167.20; Prop - Type: B2D34C207B/G78TCA-0, S/N: 892086, Time: 260.30

CHECKED CHARGING SYSTEM, CHARGING 14.1V NO LOAD AND 13.89 LOADED. INSTALLED NEW LANDING AND TAXI BULBS P/N 4595, BEACON BULB P/N 040-0028, AFT NAV LIGHT P/N 1777, NAV LIGHT BULBS P/N 7512-12. INSTALLED REIFF ENGINE HEATER. OPERATIONAL CHECK PERFORMED AND FOUND SATISFACTORY.

3017344 AP. *John M. [Signature]*

Date: 1/23/2007; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 707.90; Tach: 3721.30; Total Time: 3721.30; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 167.20; Prop - Type: B2D34C207B/G78TCA-0, S/N: 892086, Time: 260.30

REMOVED TRANSPONDER P/N 41420-1114 S/N 10095 AND INSTALLED P/N 41420-114 S/N 4328. INSTALLED NEW PROP CONTROL CABLE P/N 345-085-4. REPAIRED PILOT SEAT SIDE PANEL. OPERATIONAL CHECK PERFORMED AND FOUND SATISFACTORY. 2850548 *Robert [Signature]*

Date: 4/20/2007; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 742.80; Tach: 3750.30; Total Time: 3750.30; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 187.78; Prop - Type: B2D34C207B/G78TCA-0, S/N: 892086, Time: 280.88

INSTALLED SERVICEABLE ADF INDICATOR P/N IN546A-1 S/N 672. INSTALLED OVERHAUL ATTITUDE GYRO P/N 5000F-6 S/N A7962J. INSTALLED NEW CHECK VALVE 1458 AND ASSOCIATED PACKING IN GEAR EMERGENCY HAND PUMP. JACKED AIRCRAFT ASSURED NORMAL AND EMERGENCY GEAR OPERATION INSPECTED HANDPUMP INSTALLATION FOR LEAKAGE. JACK SIEMERS A&P 478883019 *John Siemmers*

1. Approving National Aviation Authority/Country: FAA/United States

2. AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: AA 53144

4. Organization/Name and Address: Aero Accessories, Inc. • 1240 Springwood Avenue • Gibsonville, NC 27249 USA
FAA-PMA (PQ1206CE)

5. Work Order/Contract/Invoice Number: 53144

6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	Dry Air Pump	215CC	N/A	1	47028	Newly Overhauled

13. Remarks: Overhauled & Tested in accordance with FAA approved data

14. Certifies the items identified above were manufactured in conformity to:
☐ Approved design data and are in a condition for safe operation.
☐ Non-approval design data specified in Block 13.

15. Authorized Signature: *Kim Clam*

16. Approval/Authorization No.: YV4R688M

17. Name (Typed or Printed): KIM CLAM

18. Date (M/D/Y): JUL 17 2006

19. ☒ 14 CFR 43.9 Return To Service
☐ Other Regulation Specified in Block 13

20. Authorized Signature: *Kim Clam*

21. Approval/Certificate No.: YV4R688M

22. Name (Typed or Printed): KIM CLAM

23. Date (M/D/Y): JUL 17 2006

User/Installer Responsibilities

It is important to understand that the address of this document above does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness 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 past statements in block 14 and 18 do not constitute installation certification. In all cases where national insurance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA form 8130-3 (06-01)

*Installer must cross check eligibility with applicable data.

INS
NUMBER OF
ENTRIES.)

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Air Pump
in the over
216CW ov
ports at the
ws for a vis
rough the s

hauled Airborne 215CC
erhaunched pumps. When
2:00 position in order to
ual observation to deter-
small indicator hole in the

The Wear Port Indicator is a visual aid in determining vari-

K7
ne - Type:
i0.30
DING AND
12-12.

Engine - Type:
?60.30
LED NEW
PERFORMED

Date: 5/03/2007; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 747.00; Tach: 3753.90; Total Time: 3753.90; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 194.98; Prop - Type: B2D34C207B/G78TCA-0, S/N: 892086, Time: 288.08
REPLACED DEFECTIVE PUMP WITH OVERHAULED 215CC-WIP S/N 47028 AND NEW D9-18-1 CENTRAL VAC FILTER
AND B3-5-1 VAC REGULATOR FILTER. OPERATIONAL CHECK PERFORMED AND FOUND SATISFACTORY. 2850548
AP 

7/11/2007 - Tech 3799.0 Repaired minor damage To RH Lower Engine Mount Angle Member by splitting the Next size larger 4130 Steel Tube and welding over the damaged area. This was done using Cessna Service Manual Chapter 17, Sec 69-71 and 4130-1B Chapter 4, Para 88. Gear retraction operation was checked and found airworthy for return to service.
HCL Services AP 1676215.

Date: 7/20/2007; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 797.20; Tach: 3799.00; Total Time: 3799.00; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 246.64; Prop - Type: B2D34C207B/G78TCA-0, S/N: 892086, Time: 339.74
C/W ANNUAL INSPECTION THIS DATE USING SERVICE MANUAL CHECKLIST AND FAR 43 APP. D AS A GUIDE.
REMOVED INTERIOR AND ALL INSPECTION COVERS. SERVICED AIRCRAFT BATTERY. PERFORMED LANDING GEAR RETRACTION, EXTENSION, AND EMERGENCY EXTENSION TESTS, OPS CHECK GOOD. TESTED ELT IAW FAR 91.207, BATTERY DUE DECEMBER 2008. CLEANED AND PACKED ALL WHEEL BEARINGS. SERVICED BRAKE RESERVOIRS. REINSTALLED ALL REMOVED COMPONENTS. REMOVED ENTIRE EXHAUST SYSTEM FOR OVERHAUL, REINSTALLED REPAIRED EXHAUST SYSTEM. CLEANED CORROSION FROM ENGINE MOUNT. INSTALLED NEW BEARINGS IN RH AND LH WHEELS AND NOSE WHEEL. INSTALLED NEW MAIN GEAR TIRES. REPLACED ALL BRAKE LININGS AND CALIPER HOSES, BRAKE DISK, O-RINGS IN CALIPERS, BLEED BRAKES. INSTALLED NEW SEALS IN RH FUEL DRAIN. REPLACED ALTERNATOR AND BRACKET. REPLACED EGT PROBE. REPLACED #3 ROCKER BOX DRAIN. REPAIRED STARTER CABLE INSULATION. INSTALLED FUEL PLACARDS. SEALED HOLES IN FIREWALL. REPLACED STEERING SPINDLE BUSHINGS AND PINS. RESOLDERED WIRES ON CO-PILOT HEADSET JACKS. RIGGED MIXTURE CONTROL CABLE. C/W A.D. 87-20-03R2 SEAT TRACKS, NO DEFECTS NOTED. A.D. 2002-26-01 FUEL INJ LINES, REPLACED ALL LINES AND CLAMPS. A.D. 99-24-10 PRECISE FLIGHT VAC, UPGRADED TO SVS 5. C/W ALL AD'S TO THIS DATE, SEE COMPLIANCE LISTING IN LOGBOOK FILE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 478883019 IA *Jack Semura*

small indicator hole in the

DA
19. Date: 7/27/2007; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 800.40; Tach: 3801.70; Total Time: 3801.70; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 249.34; Prop - Type: B2D34C207B/G78TCA-0, S/N: 892086, Time: 342.44
REMOVED LANDING GEAR PUMP MOTOR DUE TO PILOT DISCREPANCY OF INTERMITTENT GEAR RETRACTION. VISUALLY INSPECTED MOTOR INTERNALS FOR DAMAGE. FOUND BRUSHES TO BE MORE THAN 1/4" IN LENGTH (OK). R&R FIELD POLE WINDINGS TO CHECK FOR GROUNDING TO HOUSING (OK). SERVICED GEAR RESERVOIR AND CYCLED THE GEAR NUMEROUS TIMES WITHOUT FAILURE. INSPECTED NOSEGEAR WHEEL WELL AREA DUE TO PILOT REPORT OF OIL CANNING NOISE HEARD DURING GEAR RETRACTING. FOUND SHEETMETAL IN AREA OF NOSE GEAR ACTUATOR OILCANS CREATING THE NOISE. INSPECTED AREA FOR DAMAGE (NONE FOUND). (FUNCTIONAL CHECK FLIGHT PREFORMED SATISFACTORILY BY PILOT DANNY STAFFORD 482132026)
JACK SIEMERS A&P 4788883019 *Jack Semura Danny Stafford*

November 11, 2007 Model: 177RG. S/N: 177RG1102 Tachometer: 3853.4 Total
Time: 3853.4 hours. Removed engine and propeller from airframe to be sent out for
overhaul.
Robert D. Hill *Robert D Hill* A&P 3182843.

TOTAL TIME IN SERVICE	
	February 25, 2008 Model: 177RG, S/N: 177RG1102 Tachometer Total Time: 3853.4 hours. Installed overhauled engine Model: IO-360-A1B6D Serial number: L-16533-51A and overhauled propeller Model: B2D34C207B Serial number: 730950 In accordance with Cessna, McCauley, and Lycoming maintenance manuals. Replaced induction filter with new filter P/N BA5705. Replaced vacuum regulator filter P/N B3-5-1. Complied with FAR 91.207 by inspection and testing of ELT. ELT battery due replacement December 2008. Installed holder for airworthiness and registration papers. Cleaned area below cabin floor. Installed new hose and clamp on crankcase breather connection. Replaced weather stripping on both cabin and baggage compartment doors with new stripping. Replaced cabin fuel sump drain plastic cover. Replaced interior trim on left cabin door and aft baggage door post with new trim. Replaced McCauley brakes and main wheels with Cleveland kit 199-08400 TSO C26a. Main Brake Assembly P/N 30-75 and Main Wheel Assembly P/N 40-113. C/W AD 87-20-03R2 by inspection of seat and seat rails.
	Robert D. Hill <i>Robert D Hill</i> A&P 3182843. 11111111

DATE <i>2008</i>	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.
<i>2/26/2008</i>		<i>3853.4</i>	<i>This aircraft and systems Inspected TAO</i>
			<i>an Annual Inspection using the Aircraft Service</i>
			<i>Manual and FAR 43, Appendix D.</i>
			<i>Both Engine and Propeller were overhauled at this time</i>
			<i>See respective Log's for details.</i>
			<i>CW AD 87-20-03R2 by inspection of Seat Rails & guides</i>
			<i>Next inspection due @ Tach 3953</i>
			<i>CW AD 2002-26-01 by inspecting security of fuel</i>
			<i>injection lines.</i>
			<i>Checked ELT for 91.207 compliance - Pass Dec 2008.</i>
			<i>Operationally checked aircraft and systems and</i>
			<i>found Airworthy for Return To Service.</i>
			<i>Recommends AP 1676215 IA</i>

note in the

DATE: 4/01/2008 TACH: 3862.0 T.T: 3862.0 N45312 CESSNA 177RG -1102

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 1954759	
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number: 811186	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
2	GAGE FUEL	SK177-52	N/A	1	N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. <i>FLYER GAGE Tag TACH 3862.0</i> PO# 0800187					
14. Certify the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.					
15. Authorized Signature: <i>Kenneth E. Wysocki</i>					
16. Approval/Authorization No.: 100129CE		20. Authorized Signature: <i>Kenneth E. Wysocki</i>			
17. Name (Typed or Printed): KENNETH E. WYSOCKI SR., ODARF		21. Approval/Certificate No.: 110F			
18. Date (m/d/y): MAR/20/2008		22. Name (Typed or Printed): <i>Kenneth E. Wysocki</i>			
19. Date (m/d/y):		23. Date (m/d/y):			
User/Installer Responsibilities 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 performs work in accordance with the national regulations of an airworthiness 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 Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (6-01) * Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005					

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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 performs work in accordance with the national regulations of an airworthiness 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 Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) * Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2004232	
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218		5. Work Order/Contract/Invoice Number: 823566		6. Total Time: 3896.20; Engine - Type: S/N: 892086, Time: 30.40 REPLACED LEFT MLG TIRE RS. OPERATIONAL CHECK	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
2	SWITCH	9880710-1	N/A	1	115281
12. Status/Work:		13. Remarks:		14. Total Time: 3953.50; Engine - Type: Time: 100.10 R 43 APP. D AS A GUIDE. AFT BATTERY. PERFORMED DPS CHECK GOOD. TESTED WHEEL BEARINGS. SERVICED 06-01 FUEL LINE INSP. NO LED REPAIRED SPINNER. NT. REPAIRED RH EXHAUST REPAIRED WIRE TO PTT LIGHT ACED LEFT NOSE GEAR DOOR STING IN LOGBOOK FILE. I ON AND WAS DETERMINED TO	
New				19	
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
PU# 0800283					
14. Certifies the items identified above were manufactured in conformity with: ☒ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 13		15. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature: <i>Kenneth E. Wysocki</i>		16. Approval/Authorization No.: 100129CE		17. Authorized Signature: <i>Kenneth E. Wysocki</i>	
17. Name (Typed or Printed): KENNETH E. WYSOCKI SR., ODARF		18. Date (m/d/y): APR/29/2008		19. Date (m/d/y):	
User/Installer Responsibilities 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 performs work in accordance with the national regulations of an airworthiness 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 Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (6-01) * Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005 FAA Form 8130-3 (6-01) * Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005					

DATE
19__

JET AIR, INC

Date: 12/29/2008; Aircraft: N45312; S/N: 177RG-1102
TT: 3990.8
Replaced battery P/N BP10-15 Inspected and tested ELT IAW FAR 91.207
Operational good. Battery due replacement 12/31/2010

I certify the maintenance and /or inspection identified above was inspected in accordance with the current regulations of the Federal Aviation Administration and is airworthy for return to service.

Date 12/29/2008 Signed *[Signature]*
Jet Air Inc. CRS # JAFR110F Galesburg, Illinois 61401

Optional Equipment
Optional Equipment
Required—Exchanged for Optional
Required—Exchanged for Optional

Optional Equipment
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PASS ☒	3,000	30	+/-70	30,000	7	+/-140
FAIL ☐	5,000	40	+/-70	35,000		+/-160
	10,000	50	+/-80	40,000		+/-180
	15,000	60	+/-90	50,000		+/-250

19	ACCURACY:	ALT. (FT)	TOL	READING	±	ALT. (FT)	TOL	READING ±
Date: 1/14/2009		-1,000	+/-20	-1000	0	14,000	+/-100	13960 -40
Tach: 3996.2		0	+/-20	0	0	16,000	+/-110	15980 -20
I certify this aircraft		500	+/-20	480	-20	18,000	+/-120	17980 -20
paragraph (a) to		1,000	+/-20	980	-20	20,000	+/-130	19800 -20
Aircraft Altitude F		1,500	+/-25	1480	-20	22,000	+/-140	
20,000 feet MSL		2,000	+/-30	1975	-25	25,000	+/-155	
Aircraft transpon		3,000	+/-30	2470	-30	30,000	+/-180	
Aircraft altimeter		4,000	+/-35	3970	-30	35,000	+/-205	
TXP MODEL: AF		6,000	+/-40	5960	-40	40,000	+/-230	
ENC MODEL: T		8,000	+/-60	7960	-40	45,000	+/-255	
ALT MODEL: Un		10,000	+/-80	9960	-40	50,000	+/-280	
		12,000	+/-90	11960	-40	PASS	FAIL	

I certify that the
the current regul

Signed, _____

CORRESPONDENCE TEST (+/- 125 FT) 1K ☒ 3K ☒ 6K ☒

HYSTERESIS (+/- 75 FT) 12K ☒ 15K ☒ 18K ☒ 21K ☒ 25K ☒

AFTER EFFECT (+/- 30 FT) 50% ☒ 40% ☒ MAX/ALT

ALTIMETER (ENCODING) HAS MET ALL REQUIREMENTS OF FAR 43 APP. E. PARA. (B)

TECHNICIAN: Robert E. Glatzel

MEMORANDA

Voc Check 3/16/94 Baro check 2 to 4 OK Robert E. Glatzel

Note:

Retired this A/C Logbook

JANUARY 2009

New A/C Logbook started
as Book #3

N-45312

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Aircraft, Engine, Propeller, or Appliance/Comp. Make CESSNA Model C-177RG Ser.No. 1102

AD Number	Subject	Date and Hours at Compliance	Method of Compliance	ONE-TIME RECURRING	Next Comp. Due Date/Hours	Authorized Signature and Number
76-04-03	INSP. OF ARC PA-501A ACTUATOR	7-24-95 2842.1	INSP. PER A.D.	X	100hr.	
76-07-12	IGNITION SWT.	7-24-95 2842.1	QW. CHK.	X	P/F.	
78-09-07A3	IMPLUSE COUPLING	7-24-95 2842.1	INSP. COUPLING	X	100hr.	
79-10-14	VENTED FUEL CAP	7-24-95 2842.1	INSTALLED KIT SK 17-37D	X		<i>[Signature]</i>

MODEL C-177RG
SN 177R61102
REG. NO. 45312

ORLANDO AVIONICS CORP., DBA

ORLANDO **Aircraft SERVICES**

EXECUTIVE AIRPORT • P.O. BOX 140741
ORLANDO, FLORIDA 32814
TELEPHONE: (407) 894-9963

904.787.8566

DATE 10-5-90

T.T. 2292.3

HOURLY 543.6

The ATC Transponder Test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make ARC Model RT-350A S/N 10095

Make N/A Model N/A S/N N/A

Details of this inspection are on file at this

repair station under W/O 10559 Date 10-5-90

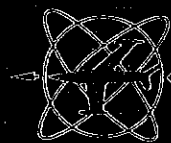
ORLANDO AIRCRAFT SERVICES

FAA Approved Repair Station #TP4R552M

Executive Airport, Bldg. 177

Orlando, FL 32803 (407) 894-9963

[Signature]



The Standard

AIRCRAFT LOG

ASA-SA-1

Standard Aircraft Log

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A-1

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Printed in U.S.A.



NR ASA-SA-1



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Aircraft Record General Information

Manufacturer Cessna Model 177RG
Serial 177RG1102 Registration Number N45312

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer Lycoming Model IO-360-A1B6D Serial _____

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

[illegible]

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Date: 5/22/2009; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 1014.00; Tach: 4056.00; Total Time: 4056.00; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 173.21; Prop - Type: B2D34C207B, S/N: 730950, Time: 173.21 C/W ANNUAL INSPECTION THIS DATE USING SERVICE MANUAL CHECKLIST AND FAR 43 APP. D AS A GUIDE. REMOVED INTERIOR AND NECESSARY INSPECTION COVERS. SERVICED AIRCRAFT BATTERY. PERFORMED LANDING GEAR RETRACTION, EXTENSION, AND EMERGENCY EXTENSION TESTS, OPS CHECK GOOD. TESTED ELT IAW FAR 91.207, BATTERY DUE MARCH 2011. CLEANED AND PACKED ALL WHEEL BEARINGS. REPLACED RIGHT MLG TIRE WITH NEW CONDOR 15 X 6.0-6 PLY. REPLACED BROKEN COWL MOUNT WITH NEW. REPLACED CRACKED B NUT ON STATIC LINE. RESEALED LEFT MLG WHEEL WELL. FABRICATED NEW INTAKE DRAIN LINE. REROUTED THROTTLE CABLE TO CLEAR WHEN GEAR RETRACTED. REPOSITIONED ADEL CLAMP ON BRATHER LINE. SAFETIED FUEL SERVO BOLTS. FABRICATED AND INSTALLED LEFT BAFFLE PATCH. SERVICED BRAKE RESERVOIRS. REINSTALLED ALL REMOVED COMPONENTS. C/W AD 2008-26-10 ALTERNATE STATIC SOURCE VALVE, NOTED NO DEFECTS. C/W AD 2008-14-07 FUEL INJECTION LINES AND CLAMPS, NOTED NO DEFECTS. C/W AD 87-20-03R2 SEAT LOCKING MECHANISM, NOTED NO DEFECTS. C/W ALL AD'S TO THIS DATE, SEE COMPLIANCE LISTING IN LOGBOOK FILE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 30173441A 

Date: 5/22/2009; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 1014.00; Tach: 4056.00; Total Time: 4056.00; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 173.21; Prop - Type: B2D34C207B, S/N: 730950, Time: 173.21
C/W ANNUAL INSPECTION THIS DATE USING SERVICE MANUAL CHECKLIST AND FAR 43 APP. D AS A GUIDE.
REMOVED INTERIOR AND NECESSARY INSPECTION COVERS. SERVICED AIRCRAFT BATTERY. PERFORMED
LANDING GEAR RETRACTION, EXTENSION, AND EMERGENCY EXTENSION TESTS, OPS CHECK GOOD. TESTED
ELT IAW FAR 91.207, BATTERY DUE MARCH 2011. CLEANED AND PACKED ALL WHEEL BEARINGS. REPLACED
RIGHT MLG TIRE WITH NEW CONDOR 15 X 6.0-6 PLY. REPLACED BROKEN COWL MOUNT WITH NEW. REPLACED
CRACKED B NUT ON STATIC LINE. RESEALED LEFT MLG WHEEL WELL. FABRICATED NEW INTAKE DRAIN LINE.
REROUTED THROTTLE CABLE TO CLEAR WHEN GEAR RETRACTED. REPOSITIONED ADEL CLAMP ON BRATHE
LINE. SAFETIED FUEL SERVO BOLTS. FABRICATED AND INSTALLED LEFT BAFFLE PATCH. SERVICED BRAKE
RESERVOIRS. REINSTALLED ALL REMOVED COMPONENTS. C/W AD 2008-26-10 ALTERNATE STATIC SOURCE
VALVE, NOTED NO DEFECTS. C/W AD 2008-14-07 FUEL INJECTION LINES AND CLAMPS, NOTED NO DEFECTS. C/W
AD 87-20-03R2 SEAT LOCKING MECHANISM, NOTED NO DEFECTS. C/W ALL AD'S TO THIS DATE, SEE
COMPLIANCE LISTING IN LOGBOOK FILE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN
ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 30173441A *CHM*

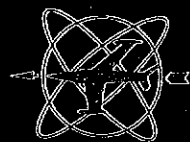
RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: 4/09/2010; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 1105.4; Tach: 4155.9; Total Time: 4155.9; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 302.5; Prop - Type: B2D34C207B, S/N: 730950, Time: 302.5
 REMOVED ENGINE TO REPAIR OIL LEAK AT #3 UPPER THROUGH STUD. REMOVED EXHAUST AND ALL ENGINE ACCESSORIES. DISASSEMBLED ENG. CRANK CASE REPAIRED BY DIVCO W/O 101526. INSPECTED ALL INTERNAL ENG PARTS. REASSEMBLED ENG USING THE FOLLOWING NEW PARTS. GASKET SET P/N SL12944, 4 CYLINDER RING SETS P/N 05K22035, #2 CYL OIL DRAIN TUBE P/N LW11847, MAIN BEARING P/N'S 18A26093 & 18D19394, OIL FILTER P/N CH408103-1. ALTERNATOR BRACKET P/N 07A21443. ALL OTHER PARTS REUSED AT ASSEMBLY. INSTALLED ENG ON CARDINAL N45312. SERVICED OIL WITH 8 QTS AEROSHELL W-80 MINERAL OIL. INSTALLED REPAIRED MAG P/N BL-682555-11 BY RLB ACCESSORY SERVICE W/O 10186. INSTALLED ALL ENGINE ACCESSORIES, EXHAUST SYSTEM, FUEL AND OIL HOSES. RIGGED ENG CONTROLS. C/W 100 HR. ENGINE INSPECTION PER SERVICE MANUAL CHECKLIST. COMPRESSION TEST NOT PERFORMED DUE TO NEW RINGS INSTALLED. CLEANED, GAPPED, AND CHECKED SPARK PLUGS. C/W AD2008-14-07. FUEL INJECTION LINE INSPECTION. COMPLIED WITH ALL A.D.'S TO THIS DATE, SEE AD COMPLIANCE LISTING IN LOGBOOK FILE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. . AP484881399 *Tom Jack*

entered in Error *John M*

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Date: 4/09/2010; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 1105.4; Tach: 4155.9; Total Time: 4155.9; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 302.5; Prop - Type: B2D34C207B, S/N: 730950, Time: 302.5
 C/W ANNUAL INSPECTION THIS DATE USING SERVICE MANUAL CHECKLIST AND FAR 43 APP. D AS A GUIDE. REMOVED INTERIOR AND NECESSARY INSPECTION COVERS. SERVICED AIRCRAFT BATTERY. PERFORMED LANDING GEAR RETRACTION, EXTENSION, AND EMERGENCY EXTENSION TESTS, OPS CHECK GOOD. TESTED ELT IAW FAR 91.207, BATTERY DUE MARCH 2011. CLEANED AND PACKED ALL WHEEL BEARINGS. SERVICED BRAKE RESERVOIRS. REINSTALLED ALL REMOVED COMPONENTS. INSTALLED THE FOLLOWING NEW INTERIOR PLASTIC P/N'S K1715058-6 RH MOLDING, K1715058-5 LH MOLDING, K1706044-9 TOP CONSOLE, K2013065-1 PEDESTAL, K1713380-1 INST PANEL COVER. INSTALLED THE FOLLING NEW PLACARDS P/N 1705037-3, 1705037-10, AND 2005002-1. INSTALLED NEW INTAKE AIR FILTER P/N BA5705. INTALLED NEW VAC REG FILTER P/N B3-5-1. C/W ALL AD'S TO THIS DATE, SEE COMPLIANCE LISTING IN LOGBOOK FILE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 484881399IA *Tom Jack*



The Standard

ENGINE LOG

ASA-SF-1

Standard Engine Log

1998 Aviation Supplies & Academics, Inc.

56027-165-5

E-1

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ed permission, in any manner,
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Supplies & Academics, Inc.
2nd Place SE
tle, WA 98059-3153

in U.S.A.



Engine Record General Information

Manufacturer LYC Model I0-360-A1B6D
Serial L-16533-31A Type Certificate _____
This engine is currently installed in aircraft N45312

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____
Magneto Time _____ Point Setting _____ Firing Order _____
Spark Plug Gap _____
Manufacturer recommended overhaul at _____ hours

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			Installed STC 01164A7 New TCB spinner alt new spark plug change and Re-fitted Assy Oil Filter Tachometer 3441 I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated 10-1-01 W.O. No. Signed R.A. Mount TA1879000
8/02 3451.5			Oil Change 382.2 Hobbs

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/3/02	34756			Oil change 410.4 Hobbs
				CHANGE NOSE TIRE PACK FT WHEEL BEARING CHANGE DRING IN 2 MASTER C/4 OIL CHNGE FILTER
				Total Time
				Tachometer 3475.6 I certify that
				this (aircraft) (engine) has been inspected in
				accordance with a (annual) (100 hour) inspection
				and was determined to be in airworthy condition
				Dated 11-1-02 W.O. No.
				Signed R.A. Mount

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			all work done in accordance to APC O/H manual & good shop practice. RTH Minn AP1879000
			Installed Back in C-177 NH5312 with new load mounts and channel Rear for oil leaks at fuel pump RTH Minn AP1879000
			Date 2/19/03 T.T. (L) (R) I certify that this AC/Eng. has been inspected in accordance with a 100% H.R. inspection & has been found airworthy. Sig. <u>RTH Minn</u> Cert. # <u>AP1879000</u>

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/19/03	3554			AK Test flamm & fuel NK TO Return TO Service RTH Minn 497-44-5803
			+10	
9/5/03	3564			change oil & filter RST RTH Minn AP1879000
1	76/80			Date 12-1-03 T.T. (L) (R) 22 hrs mot I certify that this AC/Eng. has been inspected in accordance with a 100% H.R. inspection & has been found airworthy. Sig. <u>RTH Minn</u> Cert. # <u>AP1879000</u>
2	76/80			
3	76/80			
4	76/80			

[illegible]

Date 2-11-2008 Signed Jim O'Leary
JET AIR, INC. CRS #JAFR110F
Galesburg, Illinois 61401

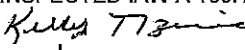
RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3853.4	TSMOA 0	3853.4	Installed OVERHAULED ENGINE IN AIR FRAME S/N 177RG1102 I/A/W Cessna + Lycoming Maintenance manuals. Replaced fuel/oil/hoses in engine compartment with new hoses. Installed new 6CAT hoses. C/W AD 2002-26-01 inspection of fuel intake lines. Installed new Brackett AIR Filter B5705 Performed Run up check. Adjusted oil pressure I/A/W Cessna Maintenance + Lycoming manuals. NO leaks noted. Robert D Hill 3182843 ATP

YEAR: 2008 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/26	3853.4		3853.4	TSMOA 0.00 The engine and accessories Inspected IAW an ANNUAL INSPECTION. and found her worthy for Return To Service. Huffman AP 1676215 IA

Date: 6/27/2008; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 880.40; Tach: 3890.90; Total Time: 3890.90; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 25.10; Prop - Type: B2D34C207B/G78TCA-0, S/N: 892086, Time: 25.10
C/W 50HR. INSPECTION PER JET AIR 50 HR CHECKLIST. DRAINED OIL. REMOVED FILTER FOR INSPECTION; NO
CONTAMINATION FOUND. INSTALLED NEW CH48103-1 FILTER AND SERVICED OIL WITH 7 QTS. AEROSHELL
W100. GROUND RUN AND LEAK CHECK GOOD.
2753031 AP *Hill*

1. Issuing National Aviation Authority/Country: A/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number MS-334462
4. Organization Name and Address: LYCOMING ENGINES 852 OLIVER STREET WILLIAMSPORT, PA 17701		5. Work Order, Contract or Invoice Number: 89046/365482
7. Description NOZZLE-INJECTION (2524864)	8. Part Number LW-18265 SUPPLIER PART NO: SUPPLIER PART NO:	9. Eligibility* N/A
10. Qty 00008	11. Serial/Batch No. N/A	12. Status/ Work NEW
13. Remarks AIRWORTHINESS APPROVAL PARTS-FOR DOMESTIC SHIPMENTS ONLY AEROSPACE PRODUCTS INTERNATIONAL United States		
14. If the items identified above were manufactured in conformity to: Improved design data and are in condition for safe operation, Approved design data specified in Block 13.		
15. Authorized Signature 	16. Approval/Authorization No. ODARF-830878-NE	17. 14 CFR 43.9 Return to Service - Other regulation in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in block 12 was described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43, in respect to that work, the items are approved for return to service
18. Date (m-d-y): I. HILL JR AUG-06-2008	19. Authorized Signature 	20. Approved/Ret. Number: 21. Date (m-d-y):
22. Name (Typed or Printed): 23. Date (m-d-y):		
User/Installer Responsibilities Important to understand that the existence of this document alone does not automatically constitute authority to install component/assembly. The user/installer performs work in accordance with the national regulations of an airworthiness 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. Items in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. Form 8130-3 (JUN-01) * Installer must cross check eligibility with applicable technical data.		

and Alterations Certificate Number of Technician or Repair
); Total Time: 3892.10; Engine - Type: IO-360-A1B6D, S/N: 892086, Time: 26.30 279 S/N 2524232-2 FOR REPAIR. ENTERING. OPERATIONAL CHECK
); Total Time: 3953.50; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 100.10 PRESSION TEST RESULTS: #1 78/80, OR INSPECTION; NO METAL NOTED. D, AND CHECKED SPARK PLUGS. WITH ALL A.D.'S TO THIS DATE, SEE IAS BEEN INSPECTED IAW A 100HR 3031AP

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Date: 3/11/2009; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 992.30; Tach: 4008.90; Total Time: 4008.90; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 157.11; Prop - Type: B2D34C207B, S/N: 730950, Time: 157.11 C/W 50HR. INSPECTION PER JET AIR 50 HR CHECKLIST. DRAINED OIL. REMOVED FILTER FOR INSPECTION; NO CONTAMINATION FOUND. INSTALLED NEW CH48103-1 FILTER AND SERVICED OIL WITH 8 QTS.AEROSHELL W80. COMPRESSION TEST RESULTS #1 75/80, #2 78/80, #3 77/80, #4 77/80. GROUND RUN AND LEAK CHECK GOOD. 484881399AP 
				Date: 5/22/2009; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 1014.00; Tach: 4056.00; Total Time: 4056.00; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 173.21; Prop - Type: B2D34C207B, S/N: 730950, Time: 173.21 C/W 100 HR. ENGINE INSPECTION PER SERVICE MANUAL CHECKLIST. COMPRESSION TEST RESULTS: #1 76/80, #2 77/80, #3 78/80, #4 70/80. DRAINED OIL. REMOVED FILTER AND SCREEN FOR INSPECTION; NO METAL NOTED. INSTALLED NEW CH48103-1 AND 8 EXXON ELITE 20W50. CLEANED, GAPPED, AND CHECKED SPARK PLUGS. CHECKED MAG TIMING. REPLACED CRANSHAFT FRONT SEAL. CORRECTLY POSITIONED RIGHT MUFFLER SHROUD. C/W AD2008-14-07 FUEL INJ LINES AND CLAMPS, NOTED NO DEFECTS. C/W AD 2009-02-03 FUEL SERVO HEX PLUG, INSTALLED NEW GASKET P/N 2577258, MARKED PLUG WITH "G", THIS IS A TERMINATING ACTION. COMPLIED WITH ALL A.D.'S TO THIS DATE, SEE AD COMPLIANCE LISTING IN LOGBOOK FILE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 2692558AP 

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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~~Date: 4/09/2010; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 1105.4; Tach: 4155.9; Total Time: 4155.9; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 302.5; Prop - Type: B2D34C207B, S/N: 730950, Time: 302.5
C/W ANNUAL INSPECTION THIS DATE USING SERVICE MANUAL CHECKLIST AND FAR 43 APP. D AS A GUIDE. REMOVED INTERIOR AND NECESSARY INSPECTION COVERS. SERVICED AIRCRAFT BATTERY. PERFORMED LANDING GEAR RETRACTION, EXTENSION, AND EMERGENCY EXTENSION TESTS, OPS CHECK GOOD. TESTED ELT IAW FAR 91.207, BATTERY DUE MARCH 2011. CLEANED AND PACKED ALL WHEEL BEARINGS. SERVICED BRAKE RESERVOIRS. REINSTALLED ALL REMOVED COMPONENTS. INSTALLED THE FOLLOWING NEW INTERIOR PLASTIC P/N'S K1715058-6 RH MOLDING, K1715058-5 LH MOLDING, K1706044-9 TOP CONSOLE, K2013065-1 PEDESTAL, K1713380-1 INST PANEL COVER. INSTALLED THE FOLLOWING NEW PLACARDS P/N 1705037-3, 1705037-10, AND 2005002-1. INSTALLED NEW INTAKE AIR FILTER P/N BA5705. INSTALLED NEW VAC REG FILTER P/N B3-5-1. C/W ALL AD'S TO THIS DATE, SEE COMPLIANCE LISTING IN LOGBOOK FILE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 484881399IA~~

				entered in error <i>Tom Jack</i>

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 4/09/2010; Aircraft: N45312; S/N: 177RG-1102; Hobbs: 1105.4; Tach: 4155.9; Total Time: 4155.9; Engine - Type: IO-360-A1B6D, S/N: L-16533-51A, Time: 302.5; Prop - Type: B2D34C207B, S/N: 730950, Time: 302.5
REMOVED ENGINE TO REPAIR OIL LEAK AT #3 UPPER THROUGH STUD. REMOVED EXHAUST AND ALL ENGINE ACCESSORIES. DISASSEMBLED ENG. CRANK CASE REPAIRED BY DIVCO W/O 101526. INSPECTED ALL INTERNAL ENG PARTS. REASSEMBLED ENG USING THE FOLLOWING NEW PARTS. GASKET SET P/N SL12944, 4 CYLINDER RING SETS P/N 05K22035, #2 CYL OIL DRAIN TUBE P/N LW11847, MAIN BEARING P/N'S 18A26093 & 18D19394, OIL FILTER P/N CH408103-1. ALTERNATOR BRACKET P/N 07A21443. ALL OTHER PARTS REUSED AT ASSEMBLY. INSTALLED ENG ON CARDINAL N45312. SERVICED OIL WITH 8 QTS AEROSHELL W-80 MINERAL OIL. INSTALLED REPAIRED MAG P/N BL-682555-11 BY RLB ACCESSORY SERVICE W/O 10186. INSTALLED ALL ENGINE ACCESSORIES, EXHAUST SYSTEM, FUEL AND OIL HOSES. RIGGED ENG CONTROLS C/W 100 HR. ENGINE INSPECTION PER SERVICE MANUAL CHECKLIST. COMPRESSION TEST NOT PERFORMED DUE TO NEW RINGS INSTALLED. CLEANED, GAPPED, AND CHECKED SPARK PLUGS C/W AD2008-14-07. FUEL INJECTION LINE INSPECTION. COMPLIED WITH ALL A.D.'S TO THIS DATE, SEE AD COMPLIANCE LISTING IN LOGBOOK FILE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. . AP484881399 *Tom Jack*
