

A34458

#2

1976 CESSNA 177RG SL#177RG0999

REPLACE ELT BATTERY BY:

JUN '01

AIRCRAFT LOG

AL-12P

AIRCRAFT DESCRIPTION

log book #2

MANUFACTURER CESSNA MODEL 177RG DATE OF MFG. 1976

SERIAL NUMBER 177RG0999 REGISTRATION NUMBER N34458

REGISTERED OWNER Orvan L. Pickett

STREET ADDRESS P.O. Box 2535

CITY, STATE, ZIP Page Az. 86040

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

REGISTERED OWNER

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

Inspection Status

[Check one]

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F.A.R. 91.169 ANNUAL/100 HOUR

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F.A.R. 91.71 PROGRESSIVE

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F.A.R. 91.217 SUBPART D

☐

F.A.R. 135.60 A.T.C.O.

☐

OTHER

DATE ENTERED

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE			R L
PROPELLER			R L
11-1-85	Times brought forward from log # 1:		
	TACH: 1867.0		
	TOTAL: 1867.0		
11-1-85	opened and inspected Airframe. Replaced L & R landing gear saddle shells, rigged down lock rods. Performed routine service & lube. Robert W Pool AGR 2135294		
11-1-85	I certify that this ACFT has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Signed <u>Robert W Pool AGR 2135294 IA</u> Time logged: SMOH _____ Total <u>1867.0</u>		
3/14/86	checked & complied w/A.D. 86-05-02 and The instruction in this plate Does not Fall in The serial # and. O J Pickett 459-56-3808		

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.	DATE
ENGINE	7/3/86 Change ^{Replaced} Lt Battery New Battery		R	
PROPELLER	To Be Replaced By June 28-88		L	
	Battery Pack is P-N 57674-0001		R	
	Pilot Lic. #459-56-3808 7/3/86 Oat. Pickett		L	
23 Aug 86	TACH 1915.0 Install Exchange D.C. overhauled by Elite Instruments per WO# 0549			1-4-8
	W. Pickett AT 39682/212			
23 Aug 86	Installed Plectords to comply w/ Service Bulletin # SEB86-5			
	Installed By O.J. Pickett for # 459-56-3808			
11 Dec 86	Open Inspection panels & check cables, pins & fittings. Perform routine checking & servicing. Adjust Alluon cable tension.			
TACH 1937.9	Replace all brake linings & reseal Rt brake. Reseal Spar camshaft at cabin top. Adjust Rudder trim rigging & replace worn pins in nose steering linkage. AD Eb. 14-11, CV by installing Appendix			1-4-8

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

in M. Repair cowd nutplates. Perform gear retraction checks. I certify that this A/C has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Signed [Signature] #0396 & 2142
Time logged: SMOH _____ Total 1937.9

1-4-88 TACH: 1996.0 opened & inspected airframe, checked control cable tensions, performed routine service & lube, adjusted left main gear down lock tip clearance, C/W AD 87-20-03 Para (a) & II (b) - next due Jan, 89. Cleaned & packed all wheel bearings, replaced one engine cowd shock mount, Robert W. Holcomb #135294

1-4-88

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

Signed Robert W. Holcomb #0396 & 2142
Time logged: SMOH _____ Total 1996.0

MAJOR ALTERATIONS

DATE	DESCRIPTION OF ALTERATION
3-9-88	Signed aluminum external data plate to left side of fuselage, below stabilator leading edge - aircraft is approved for return to service. Robert W. Lee 6 APR 88 13528
6/15/88	Replace Norco E/H 10 Battery + Test E/H. new Battery Exp. Date 6/15/90 O.T. Pullitt #459-56-3808
10-11-88	Replaced both main tires. repacked all wheel bearings. replaced left main brake pads. this A/c is approved for return to service. Daniel Reed A/H 529297535

ARTEX AIRCRAFT SUPPLIES, INC.
24368 S. Skylane Dr Canby, OR 97013
(503)266-3959 800-547-8901

LOG BOOK ENTRY

E.L.T. BATTERY
REPLACEMENT DATE

6-15-90

12-29-88
TACH: 2085.2

Reassembled 24 master cylinder bled
brake. C/W AD 88-12-12 per para (a)2 by
installing GTC \$A2335CE fuel strainer
quick Drain. Completed form 337.
negligible weight change. A/C
is approved for return to service.
Colt to U/Pool HP 2135294

PARTS OR OVERHAUL REQUIREMENTS

INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
led R4 master cylinder failed e. C/W AD 88-12-12 per para (a)2 by ling JTC \$42335CE fuel strainer s Drain. Completed form 337. icable weight change. Oct proved for return to service. to U/Pool ADP 2135294				

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS				
PART NUMBER	SERIAL NUMBER	INSTALLATION	TIME ON	

LIMITED PARTS OR OVERHAUL REQUIREMENTS							
NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
2-16-89 TACH: 2085.7		Opened & inspected airframe, cleaned & repacked wheel bearings, replaced stabilizer mounting bearings and rod end on aft end of tail beam rod. Readjusted L & R downlock hook tips clearances. Performed routine service and lubed. AD 87-20-03 Rev A para II C, next due 2-90. Robert W. Pool AOP 2135094					
2-16-89 TACH: 2085.7		I certify that this ACFT has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Signed: <u>Robert W. Pool</u> AOP 2135094 IA Time logged: SMOH <u>2085.7</u> Total <u>2085.7</u>					

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
3-9-90	2143.27	TACCA	Total Time				
Replaced battery w/new 5H AC 013422. Replaced R cowd flap cable w/used unit. Cleaned & repacked all wheel bearings, greased landing gear, performed retract test. Lubed all hinge points, serviced brake reservoir. Replaced one engine cowd mount. C/W AD 87-20-03 RI seat & rail inspection. ECT Due 6-90.							
				Date <u>3-9-90</u> Total Time <u>2143.27</u>			
				I certify that this aircraft has been inspected in accordance with a <u>N</u> Annex inspection and have determined it to be in airworthy condition			
				<u>Joseph F. Jamison</u> Joseph F. Jamison AP431173508 IA			
7-2-90	New	E/H Battery	ow	7-2-90			
Installed							
Tested ok							
				(C) J. P. H. # 45956-3808			

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

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AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE

[illegible]

ORD

ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.170

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
9/21/87	Installed	certified altimeter	S/N L531	Prescott Radio Inc. #462-8	see yellow tag		Scott Bren

Pilot/Static System was/were repaired and inspected in accordance with current Regulations of the Federal Aviation administration and is/are approved for return to service.

Pertinent details of this repair are on file at this Agency under Work Order # 7701

Signed: Scott Bren
(Authorized Signature)

Date: 9/21/87

Prescott Radio, Inc. Repair Station 462-8
Prescott Municipal Airport, Prescott, Arizona 86301

Performed ATC Transponder Test and Inspections Per FAR-91-172.
Components found to comply with Part. 43, appendix E and F.

Date: 9/21/87 W.O.# 7701

Prescott Radio, Inc. Repair Station 462-8
Prescott Municipal Airport
Prescott, Arizona 86301

Scott Bren

1/3/90 Tach 2142 The altimeter, altitude reporting system & static system tests required by FAR part 91.171 have been performed. The altimeter was tested to 20,000 ft on 1/3/90. Richard King
C.R.S. 363-51

I certify that Transponder Model No. RT 359A
S/N 9433 installed in this aircraft has been tested and inspected and found to comply with the requirements of FAR 91.172 and is approved for return to service. Date 1/3/90
Signed Richard King
Certificate No. C.R.S. 363-51

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.170

[illegible]

DATE	TOTAL	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKER SIGNATURE — CERT. NO.
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RADIO & ELECTRONIC CHECKS

[illegible]

RADIO & ELECTRONIC CHECKS

[illegible]

RADIO & ELECTRONIC CHECKS

[illegible]

RADIO & ELECTRONIC CHECKS

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RADIO & ELECTRONIC CHECKS

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RADIO & ELECTRONIC CHECKS

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RADIO & ELECTRONIC CHECKS

[illegible]

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
2-21-91	Tach. 2272:54	Serviced Battery & lubricated & replaced tubes # 15 x 600. K6 in both mains, Check bearings & repacked. Check Nose Tires bearing clean & repacked. Inspected 100 HK and 200 HK items. Replaced Central Vacuum systems filter # D9-14-5 and Vacuum Relief system filter # B3-5-1. ELT next due 6-92. Beacon Lamp # 040-0028 Replaced, with new lamp. Check Seat tracks & seat HC/W AD 87-20-03. Controls check in accordance with Cessna Maintenance Manual. Gear retract and a Emergency pump down ops. Check ok. ^{APP} Normy L. Winter # 506808054	
2-21-91	2272:54	TACH. I certify this Aircraft has been inspected in accordance with an ANNUAL INSPECTION and was determined to be AIRWORTHY as of this date.	
			Debra Hammons IA 1067748 A-P

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
2/27/92	T.T. 2320	TACH 2320 INSTALLED NEW SWIVEL (PN 128011-1) ON RT REAR PIVOT. INSPECTED SEATS & SEAT RAILS PER A.D. 87-20-03-R3. REPLACED NOSE TIRE & BOTH SETS BEARINGS. INSTALLED SEVEN NEW COWL MOUNTS. RIGGED REAR PER CESSNA MAINT. MANUAL. INSTALLED NEW (B3-S-D) VAC. REG. FILTER. INSTALLED NEW INDUCTION AIR FILTER (BA 5705) INSTALLED OVERHAULED TURN COORDINATOR (S/N 8710-155).	
I Certify That This Aircraft/Engine Has Been Inspected In Accordance With An Annual/100 Hr. Inspection, And Was Determined To Be In Air Worthy Condition. Albert E. Moore 451540285 I.A. <i>Albert E. Moore</i>		BOONE COUNTY AVIATION, INC. Boone County Airport P.O. BOX 216 HARRISON, ARKANSAS 72601 PHONE: 501-741-5544	

INSPECTION RECORD MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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I certify that the Static Pressure System, Altimeter Instrument(s), and Automatic Pressure Altitude Reporting System, have been tested as required by FAR 91.411, Part 43, Appendix E and F.

Static System Test Date 3.5.92 to 20K Feet
 #1 Altm Model United S/N 2531 Date 3.5.92
 #2 Altm Model S/N Date
 Enc. Altm Model S/N Date
 Altm. Enc. Model KE127 S/N Date 3.5.92
 Air Data Model S/N Date
 #1 TXP Model RT359A S/N 9433 Date 3.5.92
 #2 TXP Model S/N Date

Pertinent details are on file at this Agency under Work Order Number 8258

Signature [Signature]
 Skytravel Avionics, Inc.
 Repair Station #IN1R224K
 Adams Field - 2503 Frazier Pike
 Little Rock, Arkansas

THIS TRANSPONDER

#1 MAKE ARC MODEL RT359A S/N 9433
 #2 MAKE MODEL S/N

HAS BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF PART 43 IN ACCORDANCE WITH FAR 91.413

W.O. # 8258
 DATE 3.5.92 SIGNED [Signature]

SKYTRAVEL AVIONICS, INC.
 REPAIR STATION #IN1R224K
 ADAMS FIELD 2503 FRAZIER PIKE
 LITTLE ROCK, ARKANSAS

6/5/92 TACH 2402 REMOVED D.I.Y. SN 36498
INSTALLED NEW UNIT SN 92C 0405
Richard M. Ayoub 45941194.3 R.P.

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
7/6/92	TACH 2419	C/W AD 87-20-03 R3 BY INSPECTION OF SEATS & RARS. INSTALLED NEW CYL HEAD TEMP SENSOR.	
MID AMERICA WINGS, INC. Boone County Airport Ph. 501-741-5544 P.O. Box 216 Harrison, AR 72602-0216		I Certify That This Aircraft/Engine Has Been Inspected In Accordance With An Annual/100 Hr. Inspection, And Was Determined To Be In Air Worthy Condition. Albert E. Moore 451540285 I.A. <u>Al Moore</u>	
9-9-92	Tech 2461	Replaced nose gear down lock indicator switch. Installed new main gear tires and RH brake disc. Retracted gear and found airworthy for return to service.	Ronald J. Hinkle AEP 1684087

INSPECTION RECORD

MAINTENANCE RECORD

F.A.R. 43.9

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DATE OF
COMPLETIONAIRCRAFT TIME
IN SERVICEDESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USEDAGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

12-11-92

2578

I certify that This aircraft
has been inspected I/A/W an
Annual inspection and found
airworthy.

Ronald Himelby
IA 1684087

12-11-92

Complied with AD. 87-20-03 R2
by inspection seat rails and
rollers OK.

Ronald Himelby
AEP 1684087

3-8-93

2551

Jacked aircraft and cycled
gear 4 Times. adjusted down
lock magnetic switch for
more positive induction.

Ronald Himelby
AEP 1684087

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
3-23-93	2553	Inspected aircraft in Hot Springs Ark. after installing airworthy prop. Found aircraft satisfactory for Ferry flight To H.R.O.	Ronald Hinchey AEP 1684087
4-27-93	2554	Reinstalled Prop, Removed and Reinstalled engine after Tear down inspection for Prop Strike. Repaired cowl flap area with a doubler on each side of wheel well. Replaced nose gear forward door. Replaced Prop spinner with new unit, installed new muffler on Right side. Aircraft Test flown and found airworthy.	Ronald Hinchey AEP 1684087IA

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
8-27-93	2554	I certify That This aircraft has been inspected I/A/W an Annual inspection and found airworthy.	Ronald Hindey JA1684087
8-27-93	2652	See check list dated This date for details.	C/W AD 80-20-3
		I certify That This Aircraft has been inspected I/A/W an Annual inspection and found Airworthy.	Ronald Hindey JA1684087

F.A.R. 43.9

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
3-01-94		Performed annual inspection this date. Removed	
TACH 2679.3		all interior + exterior inspection panels and	
TOTAL 2679.3		completed a ^{VISUAL} annual inspection. Lubricated all	
		flight control pivot points, pulleys + rod ends. Cleaned,	
		inspected, + repacked wheel bearings. Replaced	
		all brake linings with new P/N 66-109. Lubricated	
		landing gear pivot points, replaced leaky hose in	
		nose wheel well, + serviced hydraulic reservoir. Performed	
		L.G. retraction inspection - OK. Serviced battery and cleaned	
		battery box. Checked ELT for proper operation - OK.	
		Replaced LANDING LIGHT BULB (RT). REPAIRED BAD WIRE IN LT NAV	
		BULB ASSY. REPLACED L.G. WARNING SWITCH + actuator assy. Replaced	
		FWD. NOSE GEAR DOOR HINGE ASSY. INSTALLED NEW 35 AMP AVIONICS MASTER	
%W AD 87-20-03 SEAT TRACKS, BY INSP. NEXT DUE 3-95.		I CERTIFY THIS AIRCRAFT HAD BEEN INSPECTED IN ACCORDANCE WITH A/AN <u>ANNUAL</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE <u>3-01-94</u> TACH <u>2679.3</u> SMOH	
%W AD 93-05-06 IGN. SWITCH, BY CLEANING + INSP.			
ELT BATTERY DUE 7-94.			
REPLACED BOTH MAIN WHEEL TIRES w/ NEW FCII.			
		SIGNED <u>Arthur G. Ray</u>	
		ARTHUR G. RAY A&P 515569663 IA	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5/19/94	TACH 2737.7	Replaced Nose Gear Actuator, Down Pressure Hose Assy w/new P/N 52889-4-0150. Replaced Main Gear Actuator, Down Pressure Hose Assy w/new P/N 52888-4-0104. Check System Pressure (Within Spec.) Leak Check OK	Perform Retraction Test & William Dwyer A4P481620816JA
5 SEPT 94	TACH 2806.47	INSTALLED PM 1000 INTERCOM, WIRED FOR 2 FORWARD AND 2 AFT POSITIONS, DETAILS OF WORK PERFORMED ARE ON FILE UNDER WORK ORDER #1566 HORIZON AVIONICS CRS #XH2R870L D. O. R.	
10/21/94	TACH 2812.2	Replaced L/G Actuator Hoses Up Cycle only w/new P/N 52888-4-0134 & 52888-4-104. Repaired Carb Air Box Baffle Bracket. Repaired & Adjusted L/G warning throttle micro switch. Performed L/G Retraction test & serviced Reservoir. Replaced ALC Battery S/N 601545940 GILL BATTERY	William Dwyer A4P481620816JA

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751-2671
800-781-COMM

SLN LSP1

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By

Date 29 OCT 74

MAINTENANCE RECORD

F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED

AGENCY & CERTIFICATE

2S

Date: NOVEMBER 17, 1994. A/C Time: 605.6 hours, N Number: N34458
 A/C Make: CESSNA A/C Model: 177RG A/C SN: 177RG0999 W.O. NO: 371
 Removed the following equipment: ARNAV 20 LORAN-C CESSNA NAV/COM
 CESSNA NAV/COM (RT 308) CESSNA MARKER RX (R 402A) CESSNA GLIDE

← not correct time

CESSNA VOR/ILS INDICATOR (IN514B) CESSNA VOR/ILS INDICATOR (IN525)
 Installed the following equipment: BENDIX/KING KMA-24 AUDIO PANEL
 BENDIX/KING KX-155 NAV/COM BENDIX/KING KX-155 NAV/COM BENDIX/KIN
 LS IND.

BENDIX/KING KI-208 VOR/ILS IND. II MORROW 618 LORAN-C
 The installation was performed in accordance with manufacturers
 specifications and is approved for return to service.

The new aircraft empty weight is: 1811.7 lbs.

The new center of gravity is 103.23 inches.

The new moment is: 187023.3

The new useful load is: 988.3 lbs.

NORTHWEST ARKANSAS AVIONICS,
 CRS QNAR051K

Authorized Signature for:
 5404 AIRPORT BLVD., FORT SMITH,

NO.

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
3/30/95	2878.6	Performed 100 HR/Annual Insp. I/A/W FAR 43 App D & Cessna 177RG Maintenance Manual. Replaced Both Wing Tips w/new & Painted. ELT Due Nov 1996. C/W SB 89-1 Revision 3 By Replacing Stabilator Balance Weight Arm Brackets w/new P/N 1732063-1 & 2 P/N 1732064-1 & 2. Rainspection Due Annual 1996. Replaced Engine Light Rheostat + transistor. C/W SB 518A By Insp. Thermostatic Bypass Valve, Nut Is Loose P/N 53E19600 Is On Back order. Installed wear washers at Engine Cowling Southco Studs. Replaced Squat Switch Wires. Repaired Fuel Nose Gear Door. Replaced Engine Air Filter Retainers. Replaced 3 Lower Cowl Mounts, 57444-14. Removed Shimmy dampner, Replaced All Packing, serviced & Reinstalled. App Check Ign. Switch OK. C/W AD 87-20-03 R2 By Insp. Seat tracks, Due Annual 1996. AD 78-09-07 R3 Impulse Coupling Insp. Due 3018 tach. I Certify that This Aircraft was Insp. I/A/W An Annual Insp. & was Determined to Be In Airworthy Condition	
			William Douthett A&P 4816208162A

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
07-03-95		Replaced Landing Gear	Hydraulic
TACH 2899.3		power pack P/N 105932E	S/N AH-1037.
		Serviced Landing Gear system with hydr.	
		switch to 1500 PSI.	
		to service.	
		cur A Ray A+1 515569643	



CUSTOMER COPY

CROWN AVIA.

INSTALLED BY (INSTALLING AGENCY)

P.O. BOX 6601 SPRINGDALE AR 72766
ADDRESS CITY, STATE, ZIP

YINGLING AIRCRAFT

AERO ELECTRIC DISTRIBUTOR

DOUBLE A AVIA.

REGISTERED OWNER

2769 WESTON AL. FAYETTEVILLE AR 72703
ADDRESS CITY, STATE, ZIP

A/C MODEL & TYPE CESSNA 177RG N#

DATE INSTALLED 07-03-95 A/C HOURS WHEN INSTALLED 2899.3

DATE REMOVED A/C HOURS WHEN REMOVED

THIS SECTION TO BE COMPLETED AND SENT TO FACTORY WITH CLAIMED WARRANTY UNIT. INFORMATION MUST BE COMPLETE.

AERO ELECTRIC DOES NOT AUTHORIZE ANY FIELD REPAIRS.

MAINTENANCE RECORD

F.A.R. 43.9

F ON	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
95		Replaced Landing Gear Hydraulic	
28	99.3	power pack P/N 105932E	S/N S/N AH-1037.
		Serviced Landing Gear system with hydr.	
		fluid. Tested pressure switch to 1500 PSI.	
		Aircraft approved for return to service.	
			Arthur D. Ray AFA 515569663

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INSPECTION RECORD

F.A.R. 43.11 - 91.217

ICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7/26/95	2914.3	Replaced FWD Nose Gear Door Hinge LT Only w/NW 2052009-1 & All Bearings 51896-441. William Douthett AP4816208162A
4/3/96	3013.2	Performed 100HR/Annual Insp. I/ANW FAR 43 & Cessna 177RG Maintenance Manual. Adjusted Gear Warning Micro Switch. Replaced Engine Air Filter w/NW BAS705. Replaced All Engine Shock Mounts w/NW J-9613-59. Replaced Radio Light Roostat w/NW 51904-3. ELT Battery Due NOV 96. Pilot Static Recertification Due Oct 96. CLW AD 78-09-07 R3 By Insp. Mag Impulse Coupling Checked OK DAP 3513. CLW AD 87-20-03 R2 By Insp Seat tracks & Pins, Due Annual 97. I Certify that this Aircraft was Insp. I/ANW An Annual Insp & was Determined to be In Airworthy Condition. William Douthett AP4816208162A

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INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

9-3-96

3083 Tach

Installed newly O/H Alternator by Aero Electric S/N A-113052 W.D. #A-129322,
installed new Alternator harness wiring. Test ran for ops check - good.

[Signature] A-57206902 IA

N 34458

MICRODATA AVIONICS, INC.

FAA REPAIR STATION # ~~265-41520823K~~

Altimeter Scale Corrections

ALTIMETER MODEL: Unit 5934PA-1

ALTIMETER SERIAL NO. L531

Alt. Reads	Add Algebraically
	ERROR
0	0
500	-5
1000	-5
1500	-10
2000	-10
3000	-10
4000	-15
6000	-10
8000	-15
10000	-15
12000	-15

Alt. Reads	Add Algebraically
	ERROR
14000	-10
16000	-10
18000	-5
20000	-30
22000	
25000	
30000	
35000	
40000	
45000	
50000	

TESTED BY: *[Signature]*

Date: 102996

THIS AIRCRAFT ALTIMETER AND STATIC
SYSTEM HAVE BEEN TESTED TO MEET
REQUIREMENTS OF FAR 43, APPENDIX E.

W/O NO. 1833 DATE 102996
SIGNED *[Signature]*

ALT: 20K' Unit 5934PA-1 SN: L531
Encoder 20K TCU D120 P2T SN: 47457

THIS AIRCRAFT TRANSPONDER HAS BEEN
TESTED TO MEET REQUIREMENTS OF FAR
PART 43, APPENDIX F.

W/O NO. 1833 DATE 102996
XPONDER MAKE/MODEL RT359A-9433
SIGNED *[Signature]*

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1-97	TACH 3127.3	Replaced Engine Air Filter Assy w/new BA 5710 & Cam Lock Recepticals — William Dooty ADP481620816
7-97	3139.5	Performed 100 HR/Annual Insp. I/P/W FAR 43 & Cessna Maintenance Manual. Replaced RT Front Heater Muff Scott Ducting. Repaired Broken Wire at Throttle Gear Warning Switch. Replaced 3 Fuel Hoses, Gasklater to Fuel Pump, Fuel Pump to servo, Servo to Spider. See Engine log. Replaced LT Base Hinge at FWD Nose Gear Door, Repaired RT Hinge & Replaced Grommet at Center Door Pivot. Replaced Radio Light Transistor. Replaced ELT Battery & tested Due June 1999. Replaced 3 South Co Cowl Recepticals. C/W AD 87-20-03 R2 By Insp. Seat track & Pin Engagement OK Due Annual 98. C/W AD 93-02-05 By Insp. Fuel Injector lines No Defects Due Annual 98. AD 97-01-13 N/A Due to No \$51-10 Hose Installed. Check AD Through Revision 97-09 M Dated 4/28/97. I Certify That This Aircraft Was Insp. I/P/W An Annual Insp. & Was Determined to be In Airworthy Condition William Dooty ADP481620816 IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-3-97	3145.1	Removed Engine & Prop For OVT This Date - William Doughty AIP 481620816 IA
7-29-97	3145.1	Installed OVTed Engine & Prop ^(WP) in this Aircraft this Date. Performed Run Up, Leak Check OK Adjusted Idle & Mixture, Setting All Systems OK. Returned to Service - William Doughty AIP 481620816 IA
3 Oct '97		Replaced FAULTY NAV Antenna cessna PIN 1770003-1 1 ea; 2 ea PIN 1270012-2, Performed RAMP Check; NAV's / LOC / G/S All NORMAL. Also Note W/O# 5019 C.R.S. QUAROSTIK Northwest ARKANSAS AVIONICS
4-30-98	3216.3	Replaced Prop Spinner w/ New Composite Spinner P/N TC B0752637-16 I/A/W STC# SA01164AT See 337 Dated 6-1-98 This Date No Change in Weight & Balance. Replaced Attitude Gyro w/ OVT Unit See 8130-3 tag Opp Check OK. Replaced Alternate Air Door Assy w/ NEW 1650019 William Doughty AIP 481620816 IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-4-98	3237.1	Performed 100HR Annual Insp. I/AW FAR 43 App D & Cessna Maintenance Manual. Pitot Static Recertification Due 10/98. ELT Battery Replacement Due Jun 99. C/W AD 87-20-03 R2 By Insp. Seat Tracks Due Annual 99. C/W AD 93-02-05 By Insp. Fuel Injector Lines No Defects Due Annual 99. Checked ADs through Revision 98-11M Dated 5-25-98. I Certify That this Aircraft was Insp. I/AW as Annual Insp. & was Determined to be in Airworthy Condition — William Worthy #4188162016 FA
		7-17-98 Cessna 177RG s/n 177RG0999 N34458 Removed Cessna 200A autopilot computer (CA-295B) and R C Allen directional gyro (RCA 11A-8). Installed optional Cessna 300A autopilot computer (CA-395A) and Cessna directional gyro (G-502A) in same locations as compenents removed above I A W Cessna Avionics Installation Manual P/N D4548-1-13 Rev. 1 dated 15 Jan 1977. Wt. and Bal. change negligible.
		Autopilots Central, Inc. CM2R747K Authorized Signature: <u>Weldon C. Levey</u>

INSPECTION RECORD
INSPECTION RECORD
F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Each Static Pressure System, Each Altimeter Instrument & Each Automatic PressureAltitude Reporting System has been tested and inspected and found to comply with Appendix "E" of FAR 43, as required by FAR 91.411.

Altimeter #1 SN 531 PN 5934PA-1
#2 SN N/A PN N/A

NORTHWEST ARKANSAS AVIONICS, INC.
5404 AIRPORT BLVD.
FORT SMITH, ARKANSAS 72903

CRS QNAR051K

Date 15 Sept '98

Signature Alan H

The ATC Transponder has been tested and inspected and found to comply with appendix "F" of FAR Part 43, as required by FAR 91.413.

Transponder #1 SN 9433 PN RT-359A
#2 SN N/A PN N/A

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

NORTHWEST ARKANSAS AVIONICS, INC.
FAA CERTIFIED REPAIR STATION NO. QNAR051K
FORT SMITH, ARKANSAS
MUNICIPAL AIRPORT

Date 1 Sept '98 Owner DOUBLE D Aviation
Serial No. L531 Unit ALTIMETER
W.O. No. 5444 Make UNITED Model 5934PAT
General I. A. W.

SERVICEABLE

NORTHWEST ARKANSAS AVIONICS, INC.
FAA CERTIFIED REPAIR STATION NO. QNAR051K
FORT SMITH, ARKANSAS
MUNICIPAL AIRPORT

Date 1 Sept '98 Owner Double 'D' Aviation
Serial No. 9433 Unit TRANSPONDER
W.O. No. 5444 Make ARC Model RT-375A

Remarks TESTED I. A. W. F.A.R. PART
43 APPX (F)

Tech. AK Insp. ARK

SERVICEABLE

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Northwest Arkansas Avionics

5404 Airport Boulevard

Fort Smith, Arkansas 72903

1 Sept 78

CRS QNAR051K

TO: N 34458

Removed LORAN-C Antenna, Installed in
SAME LOCATION, USING EXISTING MOUNTING HOLER
1 pc GPS Antenna CI 405 model -
NO WEIGHT OR BALANCE CHANGE



INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1 July 99	3336.15	Tech; 1200.2 hrs Hobbs. Clean and airpave 1/2; Check control deflections per TCDS check control stops and cable tensions insp retraction system and lube camp service R/H master cylinder w/ M.I.-H-5606 Replace ELT battery and test same next replacement: Jun 2001 Clean insp and repack wheel bearings; insp snat rails, test mag switch, I cert. that this aircraft has been inspected IAW an ANNUAL Inspection and is approved for return to service at this time: SEE separate AD listing <i>WAA/16 A/P 162528784 1A</i>
10-12-99	3372.3	Installed an Pilamatic engine preoiler kit I/A/W STC SA4094NM. See 337 Dated 10-15-99 App. Check & Leak Check OK - Aircraft scheduled for Physical Weighing - William Shorty A1P481600761A

**INSPECTION RECORD
INSPECTION RECORD**

**MAINTENANCE RELEASE
AIRCRAFT WEIGHT & BALANCE**

TYPE AIRCRAFT Cessna

MODEL: 177RG

SERIAL No: 177RG0999

REGISTRATION: N34458

HOURS: 3389.4

HOBBS:

CYCLES:

**New Basic
Aircraft Weight**

1,829.00

Arm

103.18

Moment

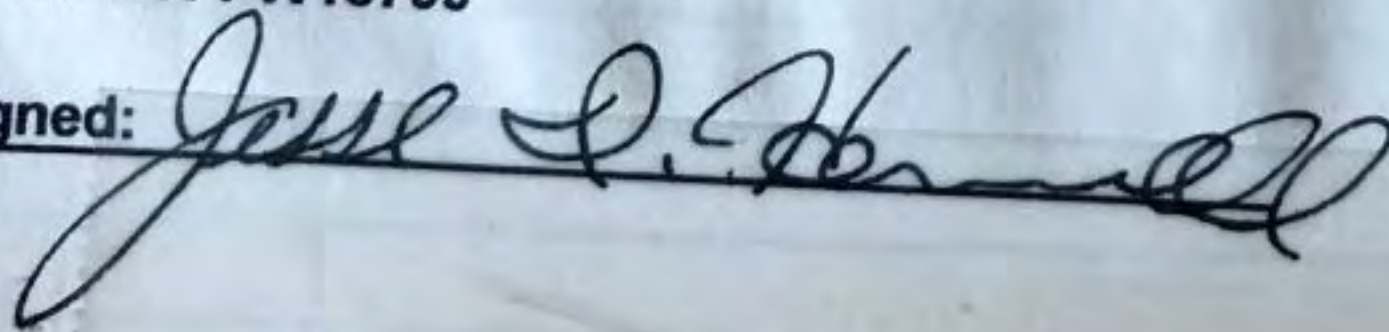
188,715.00

The Aircraft identified above was weight & balanced in accordance with current regulations of the FAR's and is approved for return to service, for the weight and balance work done.

Pertinent details of the weigh are on file at this repair station under

Order No: PW18799

Signed:



Date: 21 Oct 1999

**Repair Station Certificate
Number:** P0UR547Y

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-14-00	3436.3	C/W AD 93-05-06 by installing Kit P/N A3600 & Lubricating contacts I/R/w SEB 91-SR1. Replaced Starter Relay wire coil to switch W/now, diode was previously installed. Next Insp. Due 5436.3 - <i>William D. Smith</i> AIP 481620816 IA

Out of Date order 11/16/2000

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 132 16-November-2000 WO# 1630 HOBBS 1453.9
 N34458 S/N 177RG0999 CESSNA 177RG

Pg 1/1

1. PILOT REPORTED INTERMITTENT ALTERNATOR OPERATION. FOUND WIRE RING TERMINAL AT POSITIVE POST OF ALTERNATOR LOOSE.
2. REMOVED ALTERNATOR TO GAIN ACCESS.
3. FOUND RING TERMINAL LOOSE ON WIRE. CLEANED, SWAGED AND SILVER SOLDERED RING TERMINAL ON POSITIVE WIRE.
4. CHECKED ALTERNATOR FOR DAMAGE BY DISASSEMBLING AFT HOUSING OF UNIT. CLEANED SLIP RINGS AND CHECKED ALL ACCESSIBLE ELECTRICAL COMPONENTS. ALL NORMAL.
5. REINSTALLED ALTERNATOR ON AIRCRAFT. OPERATIONAL CHECK OF SYSTEM WAS NORMAL.
6. PILOT REPORTED HOBBS METER INOP. REPAIRED BROKEN WIRE AT OIL PRESSURE SWITCH AND REPLACED FUSE AT BATTERY COMPARTMENT. HOBBS FUNCTION NORMAL DURING TEST RUNS.

David J Westphal
 A&P 430554968 DAVID J WESTPHAL

11-16-00
 Date

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE



Office (501) 927-1665
Fax (501) 927-3168

P.O. Box 939
1200 Old Missouri Road
Springdale, AR 72765

8-3-00 T.T. 3484.9 Tach 3484.9 N34458 Airframe Log Entry

Performed 100-hr/annual inspection I/AW FAR 43 App. D and Cessna 177RG maintenance manual. Replaced engine air filter element W/new PN BA-5707. Replaced 7 cowl mounts w/new J-7444-14. Replaced RT cowl flap mount W/new J-14290-4. Removed both down lock actuators, replaced all o-rings, reassembled and reinstalled. Serviced power pack W/5606 and performed several successful gear retractions. Replaced RT main tire and tube W/new 15x6.00x6 6ply GYFCII. Replaced gear warning micro switch actuator and adjusted switch. Replaced flex hose at both brake calipers W/new S18109-600 and bled brakes. Replaced RT aft nose gear door turnbuckle linkage and adjusted doors. Removed and tested ELT, reinstalled. ELT battery replacement due **APR 01**. See details of this inspection on invoice # 080300A. **Pitot Static Rectification due Sept. 00**. Checked ADs through rev. 2000-15F dated 7-24-00. See AD listing A/C records. I certify that this aircraft was inspected I/AW an Annual Inspection and was determined to be in airworthy condition.

William Dorothy

William Dorothy A&P 481620816 IA

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE



Office (501) 927-1665
Fax (501) 927-3168

1200 Old Missouri Road
Springdale, AR 72765

1-04-01 Hobbs 1477.0 Total Time 3612.9 N33458 Airframe
Log Entry

Replaced engine tachometer W/new Mitchell RT-11 S/N 12547.
Old tach. time 3612.9, new tach. time 0000.0. Hobbs at this time
reads 1477.0. Time since engine OVH 467.8. Replaced electric
fuel boost pump switch W/new operational check OK.

William Dorothy

William D. Dorothy A&P 481620816 IA



Office (501) 927-1665
Fax (501) 927-3168

1200 Old Missouri Road
Springdale, AR 72765

2-8-01 Tach. 12.7 N34458 Airframe Log Entry

Jacked aircraft and performed gear retraction test. Found broken
wire in nose gear squat switch. Replaced nose gear squat switch
W/new P.N. 602EN67-6B. Performed gear retraction test, no
abnormalities noted. Found both cowl flap hinges badly worn.
Replaced both cowl flap hinges and pins W/new.

William Dorothy

William D. Dorothy A&P 481620816 IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
11/3/2000		out of order date entry	

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 203 03-November-2000 WO# 1614/4 REF# 1614
 N34458 S/N 177RG0999 CESSNA 177RG

Pg 1 / 1

Performed on Model: 177RG0999 Part#: S1391 27 . DISCREPANCY: DEFECTIVE COWL FLAP CABLES
 ACTION: REPLACED COWL FLAP CABLES.

MAINTENANCE RELEASE / RETURN TO SERVICE
 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.

436554968

DAVID J WESTPHAL

Date

Nov-3-00

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERV
11/7/2000		out of date order

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
 LOG ID# 202 07-November-2000 WO# 1614 REF# 1614
 N34458 S/N 177RG0999 CESSNA 177RG

Pg 1 / 3

***** ITEM # 1614-1 CHECK AVIONICS MASTER-INTERMITTENT *****

DISCREPANCY: PILOT REPORTS ENTIRE AVIONICS STACK IS INTERMITTENT. PILOT REPORTS EXCESSIVE NOISE IN AUDIO SYSTEM WHEN PROBLEM IS OCCURING.

ACTION: PROBLEM DUPLICATED ONCE AND WOULD NOT REOCCUR FOR FURTHER TESTING. VISUALLY INSPECTED AVIONICS MASTER SWITCH AND WIRING. FOUND WIRE TERMINAL CRIMPS THAT HAD BEEN USED WERE INCORRECTLY INSTALLED AND HAD DAMAGED WIRING WHILE CRIMPED. REMOVED EXISTING AVIONICS MASTER WIRING BUSS AND REPLACED WIRING AND TERMINAL ENDS. FOUND THAT BUSS LINE TO ADDED AVIONICS MASTER SW HAD BEEN CONNECTED BY SCREW AND NUT TO TERMINAL CONNECTOR FROM A/C STATER BY-PASS RADIO RELAY. REMOVED HIGH RESISTANCE CONTACT POINT AND CONNECTED NEW WIRING ASSEMBLY DIRECTLY TO A/C BUSS. TIGHTENED SEVERAL SCREWS ON VARIOUS CKT BRKRS THAT WERE LOOSE WHILE ADDING WIRING TO AV MASTER. CHECKED AVIONICS MASTER SWITCH AND FOUND SWITCH TO SHOW SIGNS OF SWITCH WEAR WHICH COULD CAUSE PREMATURE FAILURE, AND REPLACED WITH NEW SWITCH. ADDED TIE-WRAPPS AS NECESSARY TO SECURE AVIONICS WIRING BUNDLE. RETESTED OPERATION AND COULD NOT REDUPLICATE PROBLEM. RAN A/C ENGINE AND NO PROBLEMS NOTED DURING ENGINE RUN-UP. CHECKED BATTERY CONNECTIONS AT BATTERY AND TIGHTENED. A/C WILL NEED TO BE FLOWN TO VERIFY NO FURTHER PROBLEMS. MADE PHONE CONTACT WITH CUSTOMER ON 10-27-00 AND WAS INFORMED THAT ENTIRE BUSS SYSTEM APPEARED TO DROP OFF AT TIMES, INCLUDING HAND-HELD GPS THAT IS CONNECTED TO CIGARETTE LIGHTER. SEE TASK 2 FOR FURTHER DETAILS.

***** ITEM # 1614-2 CHECK A/C POWER BUSS SYSTEM *****

DISCREPANCY: PILOT REPORTS ENTIRE BUSS SYSTEM TO BE INTERMITTENT AT TIMES. NEED TO CHECK ALL CONNECTION POINTS FOR POWER DISTRIBUTION.

ACTION: PHONE CONTACT MADE WITH CUSTOMERS AND WAS ADVISED THAT THE HAND-HELD GPS HAD LOST POWER INTERMITTENTLY AT TIMES WHEN AVIONICS FAILED. CHECKED BUSS CONNECTIONS AND FOUND THAT GPS WAS CONNECTED TO CIGARETTE LIGHTER POWER ADAPTER AND WAS NOT CONNECTED TO AVIONICS BUSS SYSTEM. CHECKED MAIN POWER BUSS CABLE FROM BATTERY COMPARTMENT THROUGH A/C AND FOUND MAIN BUSS CABLE HAD PREVIOUSLY BEEN SHORTING AGAINST COWL FLAP CABLE AND DAMAGED MAIN BUSS CABLE. INFORMED CUSTOMERS OF PROBLEM AND DECISION REACHED TO REPLACE, AND OR POSSIBLY EXTEND MAIN CABLE TO REMOVE DEFECTIVE SECTION OF

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

SIGNATURE — KIND OF INSPECTION - STATUS & DISCREPANCY LIST
CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

11/7/2000

out of date order

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
LOG ID# 202 07-November-2000 WO# 1614 REF# 1614
N34458 S/N 177RG0999 CESSNA 177RG

Pg 3 / 3

XSTR/INSULATOR. RETESTED AND FOUND RADIO BACKLIGHTING OPERATIONAL. FOUND KMA24 AUDIO PANEL HAD NO BACKLIGHTING AND TRACED PROBLEM TO BROKEN WIRE AT TERMINAL STRIP AND REPLACED WITH NEW SPADE CONNECTOR. RETESTED AND AUDIO PANEL BACKLIGHTING NORMAL.

MAINTENANCE RELEASE / RETURN TO SERVICE

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.

Brady N. Terry 11-7-2000
W1NR1050 BRADY N TERRY Date

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
4-12-01	TACH	33.6	Replaced All Brake Linings w/ New 066-30026
Total Time	3646.5		William Dorothy AIP 481620816 IA



Office (501) 927-1665
Fax (501) 927-3168

1200 Old Missouri Road
Springdale, AR 72765

7-24-01 Tach. 65.2 N34458 Airframe Log Entry

Found right brake caliper leaking and cracked at upper and lower fitting bosses. Replaced brake and wheel assys. W/New Cleveland Brake and Wheel Conversion kit # 199-84, I/AW installation instructions and drawing # 50-56.

William D. Dorothy A&P 481620816 IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE																								
		MICRODATA ENGINEERING P. O. BOX 285 PRAIRIE GROVE, AR 72753 (501) 761-3420 FAA REPAIR STATION NO. HS2R883K N34458 As Reg By FAR 91.411 & 413 ARC RT-359A SN: 9433 TCI D120-P2-T SN: 47457 United 5934PA-1 SN: L531 THIS AIRCRAFT TRANSPONDER HAS BEEN TESTED TO MEET REQUIREMENTS OF FAR PART 43, APPENDIX F. W/O NO. <u>2258</u> DATE <u>8-16-01</u> TRANSPONDER MAKE/MODEL <u>ARC RT-359A</u> SIGNED <u>[Signature]</u> THIS AIRCRAFT SYSTEM HAS REQUIREMENTS W/O NO. <u>[Blank]</u> SIGNED <u>[Signature]</u>																								
		MICRODATA AVIONICS, INC. FAA REPAIR STATION # 265 HS2R883K Altimeter Scale Corrections ALTIMETER MODEL: <u>United 5934PA-1</u> ALTIMETER SERIAL NO. <u>L531</u> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th style="width: 50%;">Alt. Reads</th> <th style="width: 50%;">Add Algebraically ERROR</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>500</td><td>0</td></tr> <tr><td>1000</td><td>-5</td></tr> <tr><td>1500</td><td>-10</td></tr> <tr><td>2000</td><td>-5</td></tr> <tr><td>3000</td><td>-10</td></tr> <tr><td>4000</td><td>-5</td></tr> <tr><td>6000</td><td>-10</td></tr> <tr><td>8000</td><td>-20</td></tr> <tr><td>10000</td><td>-5</td></tr> <tr><td>12000</td><td>-10</td></tr> </tbody> </table> TESTED BY: <u>[Signature]</u>	Alt. Reads	Add Algebraically ERROR	0	0	500	0	1000	-5	1500	-10	2000	-5	3000	-10	4000	-5	6000	-10	8000	-20	10000	-5	12000	-10
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35000	-90																									
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INSPECTION RECORD

F.A.R. 43.11 - 91.217

CRAFT TIME
N SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE



1665
168

1200 Old Missouri Road
Springdale, AR 72765

8-17-01 Total Time 3688.3 Tach. 75.4 N34458 Airframe Log Entry

Performed annual/100 Hr. insp. I/A/W FAR 43 App. D. and Cessna 177RG Maintenance Manual. C/W AD 87-20-03 R2 by inspection of seat rails, rollers, and pin engagement, no defects noted. C/W AD 96-12-07 I/A/W TCM MSB # 645 by inspection of magneto impulse coupling, no defects noted. Reinstalled mag. W/new gasket and timed to engine @ 25 deg. BTC. Replaced bad part of both wires to throttle position micro switch W/new. Replaced engine air filter W/new BA5705. Replaced instrument air regulator filter W/new B3-5-1. Replaced both fuel caps W/kit SK177-40D, I/A/W SEB92-27. Replaced ELT battery and tested I/A/W FAR 91.207 (d), next battery replacement due date July 2003. Checked ADs through revision 2001-16F dated 8-6-01. See AD compliance report in aircraft records for details of next recurring times. See details of this inspection on invoice # 350. I Certify that this Aircraft was inspected I/A/W an Annual inspection and was determined to be in airworthy condition.

William D. Dorothy A&P 481620816 IA

FAA FORM 8130-3
AIRWORTHINESS APPROVAL TAG
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

UNITED STATES

3. SYSTEM TRACKING REF. NO.
148314

4. ORGANIZATION
**CESSNA AIRCRAFT COMPANY
CESSNA PARTS DISTRIBUTION DEPT. 702
5800 E PAWNEE, WICHITA, KS 67218**

5. WORK ORDER, CONTRACT, OR
INVOICE NUMBER
87877

FAA FORM 8130-3
AIRWORTHINESS APPROVAL TAG
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

UNITED STATES

3. SYSTEM TRACKING REF. NO.
148314

4. ORGANIZATION
**CESSNA AIRCRAFT COMPANY
CESSNA PARTS DISTRIBUTION DEPT. 702
5800 E PAWNEE, WICHITA, KS 67218**

5. WORK ORDER, CONTRACT, OR
INVOICE NUMBER
87877

6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY*	10. QTY	11. SERIAL/BATCH NO	12. STATUS/WORK
2	SEALANT	CMNP022CLASSB1/2	TBV BY IN1 STALLER		C-661868-1	New

13. REMARKS
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

SHELF LIFE EXPIRATION DATE: '00/00'

PO# 80113

LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.

14. NEW ☒ NEWLY OVERHAULED ☐

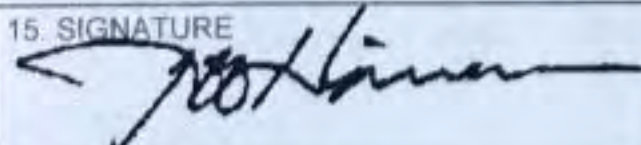
Certifies that the new, or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19.

Return to Service in Accordance with FAR 43.9

Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.

15. SIGNATURE


16. FAA AUTHORIZATION
NO
PC4

20. AUTHORIZED SIGNATURE

21. CERTIFICATE NO.

17. NAME (TYPED OR PRINTED)
JEFF HINMAN, DOA

18. DATE
08/16/2001

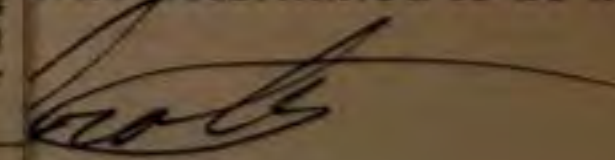
22. NAME (TYPE OR PRINTED)

23. DATE

PANCY LIST
APPROVING AIRCRAFT FOR SERVICE

4458 Airframe Log Entry

**43 App. D. and Cessna
0-03 R2 by inspection of
defects noted. C/W AD
on of magneto impulse
ag. W/new gasket and
bad part of both wires to
placed engine air filter
regulator filter W/new B3-
40D, I/A/W SEB92-27.
R 91.207 (d), next
checked ADs through
pliance report in
g times. See details of
hat this Aircraft was
was determined to be in**



ITEM: 1
ORDER: 148314

ITEM: 2
ORDER: 148314
PN: CMNP022CLASSB1/2
LOT: C-661868-1
DESC: SEALANT
QTY: 1
U/M: EA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE



Office (501) 927-1665
Fax (501) 927-3168

1200 Old Missouri Road
Springdale, AR 72765

11-8-01 Tach. 111.6 Total Time 3724.5 N34458 Airframe Log Entry

Replaced left cabin door handle W/new P/N 0517039-2.
Resealed right fuel cap inspection panel. —

William D. Dorothy A&P 481620816 IA

This image shows a single sheet of white, lined notebook paper. It features horizontal blue or grey ruling lines spaced evenly down its length. A single vertical line runs parallel to the left edge, creating a narrow margin. The paper has a slightly textured appearance with some minor creases and slight discoloration, particularly towards the bottom edge where there's a small tear or fold. The lighting is even, highlighting the texture of the paper.

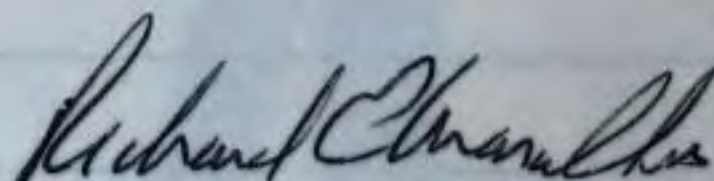
INSPECTION RECORD

01-04-02 N34458 C-177RG S/N 177RG0999 Tach: 130.5, TTAFE: 3743.4, SMOH & SPOH: 598.3.

1. Completed a 100-hour inspection I/A/W FAR 43 Appendix D & Cessna Service Manual.
2. Complied with AD 87-20-03 R2 Seat Tracks by visual inspection.
3. Inspected ELT I/A/W FAR 91.207(D), battery due: 07-03.
4. Replaced ignition/magneto switch with new C292501-0106.
5. Replaced pitot heat switch with new S2160-1.
6. Replaced main vacuum filter with new D9-14-5.
7. Replaced nose gear hydraulic line with new S3465-3-0150.
8. Adjusted throttle control for cushion.

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

Windsong Aviation
11915 Airport Way
JEFFCO Airport
Broomfield, CO 80021
303-469-5858


Richard E. Marcellus
A&P508115035IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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02-20-02

34458

TACH:124.6
HOBBS:827.2

1. Removed and replaced landing light P/N 4509. Opps. Test good

WINDSONG AVIATION

11915 Airport Way

JEFFCO Airport

Broomfield CO.80021

303-469-5858

A&P 542159924
Shawn Gorham

Shawn Gorham

06-12-02

N34458

Tach: 227.9

Hobbs: 1747.5

DA

1. Performed a 100hr. inspection in accordance with FAR 43 Appendix "D" and the Cessna Maintenance Manual.
2. C/W AD87-20-03R2 Seat tracks and seats by visual inspection.
3. C/W AD93-02-05 Fuel injection lines and clamps by visual inspection.
4. Removed and replaced left hinge on nose gear door lower cowling with new P/N 2052009-1.
5. Removed and replaced lower cowl mount with new P/N J7444-14.
6. Removed and replaced pilots fresh air scat tubing with new.
7. Resealed nose strut with new seals P/N SK172-1 serviced strut with MIL-H-5606 and nitrogen replaced valve with new P/N S1827-1.
8. Inspected ELT in accordance with FAR 91.207 "d" battery due: 07/03.

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

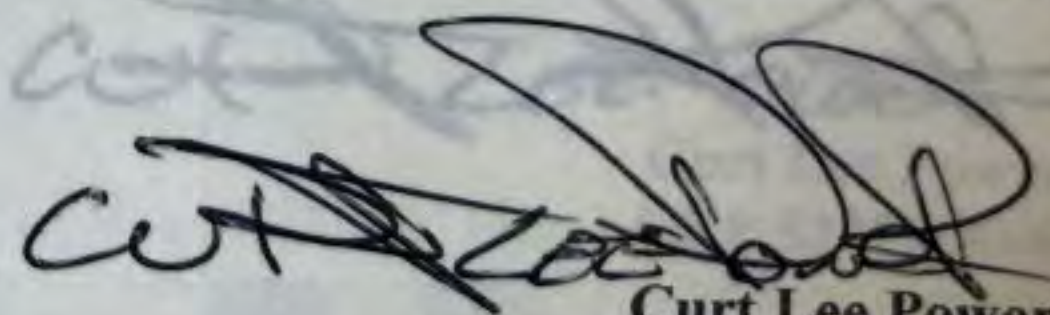
WINDSONG AVIATION

11915 Airport Way

Jeffco Airport

Broomfield, CO. 80021

303-469-5858



Curt Lee Power
A&P 528770866

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

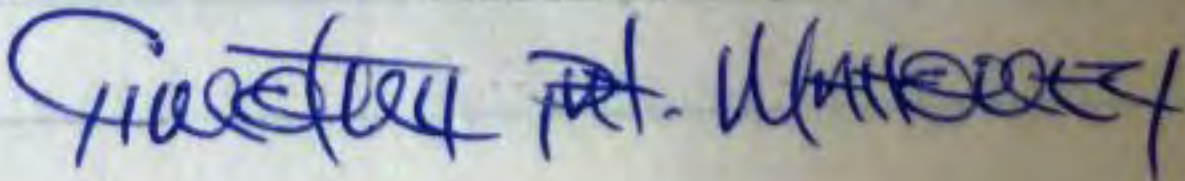
7-18-02

Removed Apollo model 618 Tora receiver and ARC model 514R nav indicator. Installed King model KLN-90B GPS in provided radio panel space at station 15" in accordance with manufacturer's Installation Manual and the acceptable methods, techniques and practices contained in AC 43.13-2A. The King KLN-90B GPS was installed as a "STAND-A-LOVE, VFR ONLY SUPPLEMENTAL NAVIGATION SYSTEM." Interfaced GPS to Altitude Encoder. Installed Dantec OAT/P alt instrument in right side panel. Interfaced OAT/P alt instrument to Altitude Encoder. Performed ground test evaluations and operational checks of installed units IAW with manufacturer's specifications and AC 20-138 para 8c(2)(iv)(F). Placarded GPS with "GPS LIMITED TO VFR USE ONLY" placard. Aircraft weight & balance change is negligible. FAA Form 337 submitted.

C. E. Olson
Freedom Avionics Co.
CRS # FDR221K

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
7-22-02		N34458	Tach Time :282.3 Hobbs :1813.6
1. Replaced right landing light with new landing light P/N(Q4509).			
WINDSONG AVIATION			
11915 Airport Way			
Jeffco Airport			
Broomfield, Co. 80021			
Thomas K. McGowan			
A&P505964914			
Aug. 15 2002		Cessna 177RG	Tach 327.1
S# 177RG0999		AFTT 3940.0	
Tested ELT IAW FAR 91.207 Battery due July 03. C/W AD 87-20-03R2 seat & seat rail insp. Replaced Lt. main tire & tube with new. Replaced landing & taxi lamps with new. Aircraft was insp. IAW a <u>annual</u> insp. and was determined to be in an airworthy condition.			
WINDSONG AVIATION			
11915 Airport Way			
Broomfield CO. 80021			
(303) 469-5858			
Timothy P. Mahoney			
AP522064076IA			
			

INSPECTION RECORD

09-12-02

N34458

Tach: 351.5

DATE

AIRC
IN

1. Replaced landing light with new, GE4509.
2. Repaired co-pilot PTT switch wiring as needed.

Windsong Aviation
303-469-5858

Richard E. Marcellus
Richard E. Marcellus
A&P508115035

09-17-2002 N34458 Tach Time 354.6

Removed and replaced windscreen LP Aero Plastic Inc. part # 329.

Coby Cox A&P 522552306

Coby Cox

Executive Air
maintenance

11675 Airport Way, Hangar B-11D, Broomfield, CO 80021
Date: 11/07/02 Tach: 372.7 N34458

Replaced gear position switch part #2070029-1 with used part, replaced worn retainers, part# 1732039-1, bolts part # NAS1306-17D and bushings part# 1712156-1 in stabilator hinge point. Replaced nose gear door hinges and rods, eye bolts and clevis's, repaired, nose doors with doublers, replaced right main and nose tire. All done in accordance with Cessna Service manuals, swung gear several times, all ops checks satisfactory. Aircraft returned to service.

-----END-----

Richard S. Cave

Richard S. Cave

A&P5233372853

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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11675 Airport Way, Hanger B-11D, Broomfield, CO 80021

Date: 02/11/03 A/C Reg: N34458 Hobbs: Tach: 417.9

Airframe

Removed landing gear power pack, sent out for overhaul by Kelly Aerospace, work performed under work order #6034 reinstalled power pack, jacked aircraft, cleaned, inspected and replaced all worn parts in nose gear retraction system as required, see invoice #2298 for all parts, replaced, rigged nose gear in accordance with Cessna Service Manual paragraph 5-88 steps 1-33, system operational. Check satisfactory, aircraft returned to service.

-----END-----

Mechanics Name(print): Richard S Cave Certificate # A&P523332853

Mechanics Signature

Richard S Cave

4/10/2003 Tach 448.1 Replaced starter with New M26H
weight and balance amended James E. Gunnar
A+P504702860

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

9-5-2003 Tach Time 488.0 Total Time 4100.9

Serviced and inspected this aircraft in accordance with Cessna 177RG service manual. Cleaned and repacked wheel bearings. Tightened control yoke connections. Serviced brake reservoirs. Removed and replaced vacuum relief filter. Patched crack in tail cone assembly. Removed and replaced air filter element. Installed patch on fuselage belly at transponder antenna mount. Removed and replaced Pilots left seat rail with serviceable part. Removed and replaced ELT battery, next due 10-2005. Inspected ELT in accordance with FAR 91.207 par c, d.

Complied with AD 87-20-03 by visual inspection, next due 9-2004.

I certify that this aircraft has been inspected in accordance with an Annual inspection and has been determined to be in an airworthy condition at this time.

Wayne Diggs 458046805 IA

Wayne Diggs

INSPECTION RECORD

F.A.R. 43.11 - 91.217

E	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
104		Pre buy insp completed, checked All AD's
		Are complied with. Aircraft was Found to be
		in Airworthy Condition
		Kevin Bowman App
		459276065

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Stellar Performance Aviation

209 S. Stellar Parkway

Chandler AZ 85226

PH480-785-7722 Cell 480-283-3045

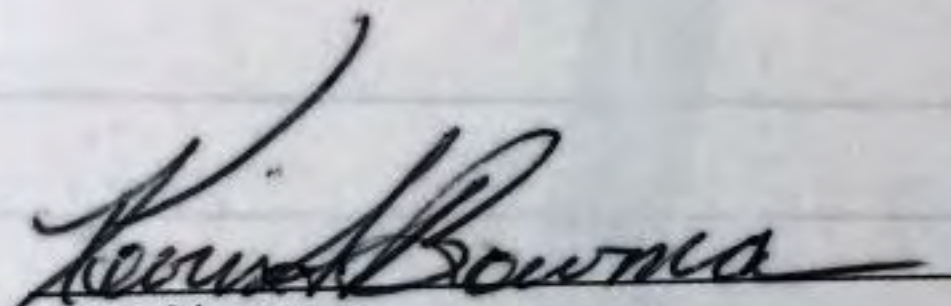
A\C Tail Num: N34458

Tach Time: 505.7

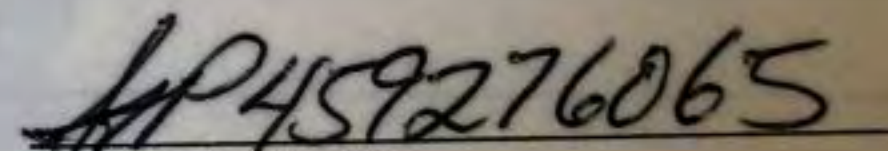
Date: 02/10/2004

Removed and resealed the main fuel strainer in accordance with the Cessna Service Manual,
leak and operational check O.K.

---END---



A&P Signature


Certificate Number

F.A.R. 43.11 - 91.217

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Stellar Performance Aviation
209 S. Stellar Parkway

Chandler AZ 85226
PH480-785-7722 Cell 480-283-3045

A\C Tail Num: N34458

Tach Time:
Date: 3/25/04

Removed and replaced EGT probe part number 86255

---END---

James McV
A&P Signature

31686635 A51
Certificate Number