

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N52578

Aircraft Mfg. CESSNA Model C177R Serial No. 177RG1207

Engine Mfg. LYCOMING Model 10-360-A1B6D Serial No. L-17290-51A

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AERO
TECH PUBLICATIONS INC.
P.O. BOX 6005/FREEHOLD, N.J. 07728
(908) 462-5330



PRODUCT WARRANTY

This product is warranted by Aeroflash Signal to the end user-owner against defective materials or workmanship for a period of two (2) years from the date of purchase. During the warranty period equipment found to be defective will be repaired or replaced (at Aeroflash Signal's option) without charge. The product must be returned, transportation prepaid, with proof of date of purchase to Aeroflash Signal, 1715 W. Carroll Ave., Chicago, IL 60612. The repaired or replaced product will be returned with transportation charges prepaid by Aeroflash Signal.

This warranty does not cover defects in the product caused by neglect, abuse, incorrect application, incorrect wiring, alteration, or repair in any manner outside the Company's factory or authorized service center, or damage caused by the return shipment due to inadequate packaging or mishandling. If the alleged defect is due to any of these causes, the customer will be advised of the findings and asked what action is to be taken. If Aeroflash Signal is requested to repair the product, a repair charge estimate will be prepared and the customer's written permission (purchase order, repair order, etc.) will be necessary to proceed with the repair or return the product "collect."

REPAIR OR REPLACEMENT IS THE EXCLUSIVE REMEDY FOR DEFECTIVE EQUIPMENT UNDER THIS WARRANTY. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT. AEROFLASH SIGNAL SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

In order to place the warranty in effect, the accompanying Warranty Card must be returned to us within ten (10) days of purchase.

Aeroflash Signal
Attn: Warranty Dept.
1715 W. Carroll Ave.
Chicago, IL 60612
1-800-322-2052

Model No. 150-0015 Serial No. _____

Date Purchased 6/14/96 Purchased From AP 1

DETACH BELOW CARD AND RETURN WITHIN 10 DAYS

Prepared by R.T.
Checked by P.G.

AEROFLASH SIGNAL CORPORATION
1715 West Carroll Avenue
Chicago, IL 60612-2503
1-800-322-2052 * 1-312-733-3513

Page 1 of 1
Date: 3/15/1992
Revision Date:
3/15/1992

Wiring Diagrams for Anti-Collision Light(s) and Flasher 150-0015

151-0001 - 14 V.

151-0004 - 28 V.

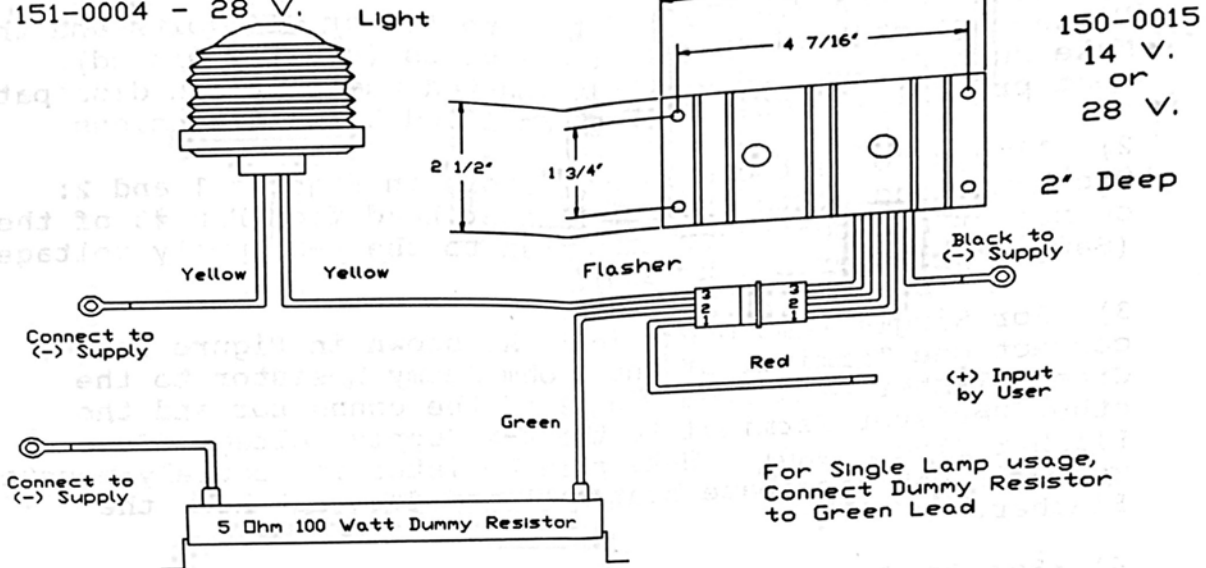


Fig. 1 - Wiring Diagram for Single Light/Dummy Resistor

151-0001 - 14 V.

151-0004 - 28 V.

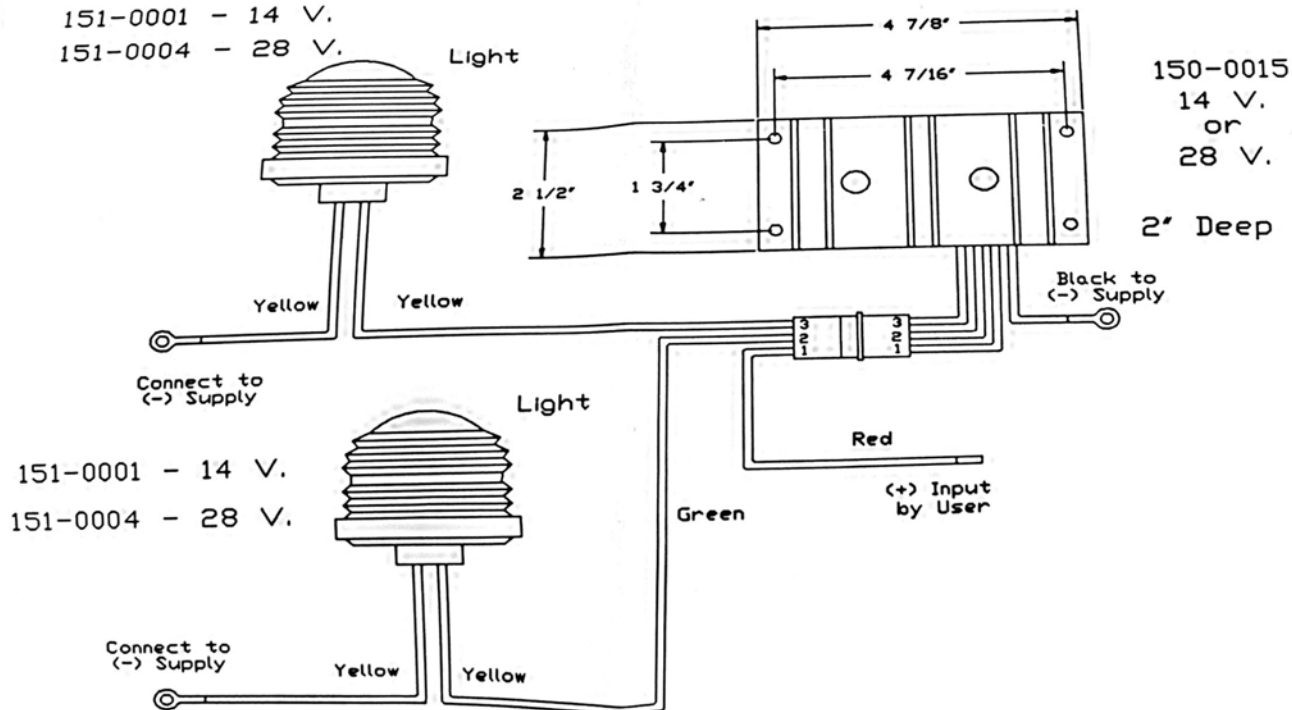


Fig. 2 - Wiring Diagram for Two Lights

Drawing Number: 132-0035

Revision: Original

Drawing Number:
132-0035

Aeroflash Signal Corporation

150-0015 Flasher Instructions

- 1) Connect the Flasher Red Lead to +28 or +14 volts and the Flasher Black Lead to -14 or -28 volts (usually Ground). Make sure Flasher is securely mounted where it can dissipate heat properly. Refer to Figures 1 and 2 for dimensions.
- 2) Always connect one lamp as shown in Figures 1 and 2: One Lamp Lead to the Yellow Flasher Lead from Pin #3 of the connector and the other Lamp Lead to the <-> Supply voltage (Same as Flasher Black Lead).
- 3) For Single Lamp Operation: As shown in Figure 1, connect one Terminal of the 5 ohm Dummy Resistor to the Green Flasher Lead from Pin #2 of the connector and the other Resistor Terminal to the <-> Supply voltage (Same as Flasher Black Lead). Make sure Resistor is securely mounted where it can dissipate heat well and does not heat the Flasher.
- 4) For Two Lamp Operation: Connect Second Lamp as shown in Figure 2. One Lamp Lead to the Green Flasher Lead from connector Pin #2 and the other Lamp Lead to the <-> Supply voltage (Same as Flasher Black Lead).

Prep. by M.W.
 Ckd. by C.A.M.

AEROFLASH SIGNAL
 1715 W. CARROLL AVE.
 CHICAGO, IL 60612-9916
 1-800-322-2052 • 1-312-733-3513

Page 1 of 1
 Date 10-1-88
 Rev. Date

FEDERAL AVIATION ADMINISTRATION/PARTS MANUFACTURER APPROVAL

AEROFLASH P/N

OLD P/N	NEW P/N	G.A.A.C. P/N	DESCRIPTION	INSTALLATION ELIGIBILITY
40-6 40-0027	040-0003	40-6A	24V. - 28V. Halogen Lamp	AA1B, AA5A, AA5B
40-14 40-0010	040-0028	40-14A	12V. - 14V. Halogen Lamp	AA1B, AA5A, AA5B
073-0141 150-0002	SAME SAME	73-154 SAME	Lamp Assy. 12V. - 14V. Single or Dual Flasher	AA1B, AA5A, AA5B AA1B, AA5A, AA5B
151-0001	SAME	A1E	12V. - 14V. Light Assy. Red Lens	AA1B, AA5A, AA5B
152-0003 153-0008 153-0003	152-0007A SAME 153-0008	SAME	12V. - 14V. Power Supply Strobe Assembly	AA1B, AA5A, AA5B AA1B, AA5A, AA5B
073-0270	SAME	VARGA P/N SAME	U-Type Flash Tube Assembly	2150A
152-0003 152-0008	152-0007A	SAME	12V. - 14V. Power Supply	2150A
150-0015	SAME	ROCKWELL P/N DVA - 2	12V. - 14V. or 24V. - 28V. Sgle. or Dual Flasher, DVA-2	112, 112B, 112TC, 112TCA, 114
151-0001	SAME	SAME	12V. - 14V. Light Assy. Red Lens	112, 112B, 112TC, 112TCA, 114
150-0015	SAME	GREAT LAKES P/N DVA - 2	12V. - 14V. or 24V. - 28V. Sgle. or Dual Flasher, DVA-2	2T-1A-1,-2
151-0001	SAME	SAME	12V. - 14V. Light Assy. Red Lens	2T-1A-1,-2
40-6 40-0027	040-0003	CESSNA P/N C17312-1	24V. - 28V. Halogen Lamp	210, 337, 28 Volt Version of 185, 188 206,207
40-14 40-0010	040-0028	C17312-3	12V. - 14V. Halogen Lamp	150, 172, 177, 177RG, 180, 182, 185, 188, 206, 207
73-0165 73-0167	073-0270	C622006-0108	U-Type Flash Tube Assembly	150, 172, 177, 177RG, 180, 182, 188, 206, 207, 210
150-0001	150-0002	C594501-0203	12V. - 14V. Single or Dual Flasher, A1E	150, 172, 177, 177RG, 180, 182, 185, 188, 206, 207, 210
150-0009	SAME	C594501-0204	24V. - 28V. Single or Dual Flasher, A2E	337
150-0010	150-0015	C594502-0102	12V. - 14V. or 24V. - 28V. Single/Dual Flasher, DVA-2	150,172,177,177RG,180,185, 188, 206, 207, 210
151-0001	SAME	C621001-0106	12V. - 14V. Lamp Assy. Red Lens, X1E-6	150, 172, 177, 177RG, 180, 182, 185, 188, 206, 207
151-0006	SAME	C621001-0102	24V. - 28V. Lamp Assy. Red Lens, X2E.	210, 337, 28 volt Version of 206, 207, 185,188
152-0004	152-0007A	C622008-0101	12V. - 14V. Power Supply	150, 172, 177, 177RG, 180, 182, 185, 188, 206, 207,R172,210
152-0006	152-0010	C622008-0102	24V. - 28V. Power Supply	210, 28 volt Version of 185, 188, 206, 207, R182, 150, 172, 177, 177RG,
153-0006	153-0009	C622006-0107	Wing Tip Strobe Assembly	150, 172, 177, 177RG, 180, 182,185, 188, 206, 207,210

Dwg. No.

Revision Letter

Dwg. No
 140 - 0027

Mfg. PRESTOLITE

Part No. ESEBB131A

Serial No. 9619

ESI P/N 02043

Model STARTER DRIVE

Repaired O'haul Tested Recertified

MAINTENANCE RELEASE

The aircraft accessory identified above was repaired and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under:

Work Order No. MO40860

Date 05/09/96

Signed: Thomas B. Parrish



ELECTROSYSTEMS, INC.

P.O. Box 273

205/227-8306

FAX 205/227-8596

FORT DEPOSIT, AL 36032 U.S.A.

F.A.A. APPROVED REPAIR STATION NO. UT2R226L

ESI Form QA-273

Capital Aviation Instrument Corp.

Repair Station No. 0Y1R391K

Manassas Municipal Airport, Manassas, VA 20110, (703) 369-0500

Part No. 671BK010 Ser. No. C104

Name ACTIMETER Mfg. KOLLSMAN

Customer MANASSAS AVIATION CENTER

Address _____

Overhauled EX Checked Calib. Checked Within Mfg's Specs.

Repair TSO Supplied by Customer _____

Other _____

Signed [Signature] Date 7-2-96

SERVICEABLE

MAINTENANCE RELEASE

THE 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 WORK

ORDER NO.

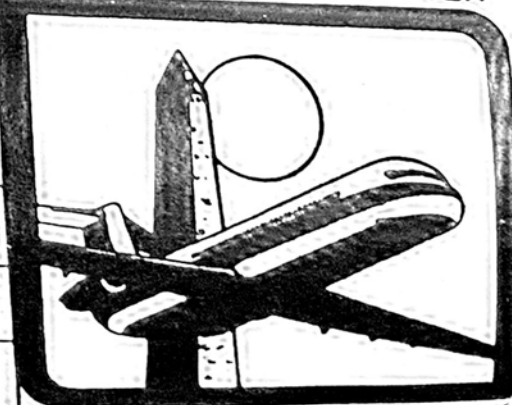
0627-0

DATE

7-1-94

SIGNED



ENCODER		ALTITUDE	SCALE ERROR	FRICTION	CASE LEAK <u>20</u> FT.		
ON	OFF				HYSTERESIS		
					ALT	UP	DOWN
60	+40	-1000	+15		8K	0	+55
60	+40	0	0		10K	-5	+45
60	+40	500	-10		AFTER EFFECT <u>+30</u> FT.		
		1000	+5	25	BARO. SCALE ERROR		
60	+40	1500	-5		28.10	✓	
		2000	+5	30	28.50	✓	
		3000	+5	30	29.00	✓	
-60	+40	4000	+20		29.50	✓	
		5000	+10	30	29.92	✓	
-40	+60	6000	+20		30.50	✓	
-40	+60	8000	0		30.90	✓	
		10000	-5	45	30.99	✓	
-20	+80	12000	-15		ALT S/N <u>C104</u>		
-20	+80	14000	-20		DATE <u>7-1-96</u>		
		15000	-25	55	MECHANIC <u>James R. [Signature]</u>		
-20	+80	16000	-30		INSPECTOR <u>[Signature]</u>		
-20	+80	18000	-20		<input checked="" type="checkbox"/> TEST IN COMPLIANCE WITH APPENDIX E, PART 43 FAA REGULATION		
		20000	-35	65	<input checked="" type="checkbox"/> CALIBRATED WITH A MERCURY BAROMETER		
		22000					
		25000					
		30000					
		35000					
		40000					
		45000					
		50000					

**CAPITAL AVIATION
INSTRUMENT CORP.**

1. UNITED STATES	2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	3. SYSTEM TRACKING REF. NO. D30872
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4. ORGANIZATION CESSNA AIRCRAFT COMPANY CESSNA PARTS DISTRIBUTION DEPT. 702 5800 E. PAWNEE, WICHITA, KS 67218	5. WORK ORDER, CONTRACT, OR INVOICE NUMBER D6059388
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6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
0013	TUBE	2013149 4	VARIOUS	1	N/A	NEW

13. REMARKS
FOR IDENTIFICATION ONLY

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

14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/> 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.
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15. SIGNATURE <i>Linda Eisenhower</i>	16. FAA AUTHORIZATION NO. PC4	20. AUTHORIZED SIGNATURE	21. CERTIFICATE NO.
17. NAME (TYPED OR PRINTED) LINDA EISENHOUR, DOA	18. DATE 06/19/96	22. NAME (TYPED OR PRINTED)	23. DATE

FAA FORM 8130-3

UNITED STATES

AIRWORTHINESS APPROVAL TAG
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

D30872

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

5. WORK ORDER, CONTRACT, OR INVOICE NUMBER
D6053133

6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
0014	CABLE	2060020 115	VARIOUS	1	N/A	NEW

13. REMARKS
FOR IDENTIFICATION ONLY

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
F. O. Dempsey

16. FAA AUTHORIZATION NO.
PC4

20. AUTHORIZED SIGNATURE

21. CERTIFICATE NO.

17. NAME (TYPED OR PRINTED)
FANCY DEMPSEY, DOA

18. DATE
05/31/96

22. NAME (TYPED OR PRINTED)

23. DATE

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
07/19/96	3575.3	3575.3	<p>1) PERFORM 100 HOUR INSPECTION IAW CESSNA MANUAL.</p> <p>2) CW AD 87-20-03R2, SEAT TRACKS, BY PARA "A". NEXT DUE 3675.3 TT, 3675.3 TACH.</p> <p>3) CW AD 76-07-12R1, IGNITION SWITCH, BY PARA "1". NEXT DUE 3675.3 TT, 3675.3 TACH</p> <p>4) REPLACE PAINTING BRAKE + PEDAL INTERCONNECTING CABLES.</p> <p>5) REPLACE 3 COWL MOUNTS</p> <p>6) REPLACE ELT BATTERY. DUE BY 10/98 NEXT REPLACEMENT.</p> <p>7) REPAIR LANDING LIGHT WIRING AT COWL DISCONNECT CONNECTOR.</p> <p>8) OPS CHECK ALL SYSTEMS, ALL OK.</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.</p> <p>G.E. PETERSON, AP 215505025</p>
07/19/96	3575.3	3575.3	<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.</p> <p>Walter M. Wilby, Jr. ATP 226867847 FA</p>
07/19/96	3575.3	3575.3	<p>1) INSPECT ELT IN ACCORDANCE WITH FAR 91.207 FOR BATTERY CORROSION, PROPER MOUNTING, G-SENSOR SWITCH ACTIVATION, AND SUFFICIENT RF OUTPUT, AND FOUND TO BE OPERATIONAL, NEXT DUE BY 31 JULY 97.</p> <p>G.E. PETERSON, AP 215505025</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
10/10/96	3674.5	3674.5	1) PERFORM 100 HOUR INSPECTION IAW CESSNA MANUAL.
			2) CW AD 76-07-12R1, BENDIX IGNITION SWITCH, PARA 1 + TEST.
			NEXT DUE 3774.5 TI, 3774.5 TACH.
			3) CW AD 8720-03R2, SEAT RAILS + ASSY'S, PARA C.
			NEXT DUE 3774.5 TI, 3774.5 TACH.
			4) REPAIR COWL FLAPS BY REPLACING ATTACH RIVETS.
			5) REPLACE TAXI + LANDING LIGHTS, GE 4509.
			6) REPLACE AIR FILTER ELEMENT, BRACKET.
			7) CHANGE BATTERY.
			I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION, AND WAS FOUND TO BE IN AIRWORTHY CONDITION. G.E. PETERSON, AP 21570001
11/29/96	3706.3	3706.3	1) REPLACE RMC TIRE WITH NEW GOODYEAR TIRE.
			2) REPACK RMC WHEEL BEARINGS.
			3) REPLACE BOTH RMC BRAKE PADS.
			4) OPS CHECK OK.
			G.E. PETERSON, AP 21570001
2/17/97	3750.7	3750.7	1) CW AD 97-01-13, FLUID HOSE FAILURE, PARA A. NO
			ENTRY ON SUBJECT HOSE FOUND. G.E. PETERSON, AP 21570001

SUB-TOTAL this page

TOTAL—Carry forward to next page

JRA EXECUTIVE AIR, INC. 18335 Airpark Rd. • Hagerstown, MD 21742 • CRS-JZRR651K

Date 3/18/97 N 52578 Serial # 177RG1207

Model Cessna 177RG W.O. 9702033

3750.7 Tach
238.4 Hobbs Aircraft stripped and painted. Color
#5 White 496A1 Dk Blue 475F6 Lt Blue
471-C6. Control surfaces balanced. Replaced
2) 1732024-1-791 L & R Stabilator Tips. Replaced
1) 4509 Landing Lt. Replaced cabin door seal

James R. Allen
JZRR651K

JRA EXECUTIVE AIR, INC. 18335 Airpark Rd. • Hagerstown, MD 21742 • CRS-JZRR651K

Date _____ N _____ Serial # _____

Model _____ W.O. _____

3750.7 Tach
238.4 Hobbs

The fuselage identified above was repaired and inspected in accordance w/ current regulations of the FAA and is approved for return to service. Pertinent details of the repair are on file at this

repair station under WO # 9702033

Date 3/18/97 Sig. *James R. Allen*
JRA EXECUTIVE AIR, INC. JZRR651K
HAGERSTOWN, MD 21740

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
4/9/97	3774.0	3774.0	1) PERFORM 100 HOUR INSPECTION IAW CESSNA MANUAL. 2) CLEAN OUT BIRD NEST IN EMPENNAGE. 3) LUBE ALL CONTROL CABLES + PULLEYS, PACK WHEEL BEARINGS. 4) REPAIR ALT AIR DOOR BY REATTACHING SPRING 5) MOVE STARTER CABLE AWAY FROM LH EXHAUST. 6) SECURE FUEL INTERFERENCE MOUNTING CLAMPS ON PUSH ROD TUBES. 7) CW 76-07-12R1, BENDIX IGNITION SWITCH, PARA 1. NEXT DUE 3874.0 TT, 3874.0 TACH. 8) CW AD 87-20-03R2, SEAT BOLTS + SEAT ASSY'S, PARA A. NEXT DUE 3874.0 TT, 3874.0 TACH 9) OPS CHECK ALL SYSTEMS, OK. 10) I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IAW A 100 HOUR INSPECTION, AND WAS FOUND TO BE IN AIRWORTHY CONDITION. G.S. PETERSON, AP 215505025
4/9/97	3774.0	3774.0	I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IAW AN ANNUAL INSPECTION, AND WAS FOUND TO BE IN AIRWORTHY CONDITION. <i>William M. Welch</i> AIP 226867847 IA
4/25/97	3785.5	3785.5	1) REPAIR RT STABILATOR ATTACHMENT DOUBLER BY RE-RIVETING IN PLACE W/AD470-5-8 RIVETS. 2) REPLACE BOTH STABILATOR PIVOT BUSHINGS. 3) REATTACH STABILATOR IAW CESSNA MANUAL. 4) REPLACE OIL COOLER HOSES WITH NEW 111-6 HOSES. 5) REPLACE OIL PRESSURE SENSE HOSE WITH NEW 111-3 HOSE. G.S. PETERSON, AP 215505025

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
6/11/97	3873.0	3873.0	1) PERFORM 100 HOUR INSPECTION. 2) CW AD 76-07-12R1, BENDIX IGN SW, PARA 1. NEXT DUE 3973.0 TT, 3973.0 TACH 3) CW AD 87-20-03R2, SEAT RAILS + SEAT ASSY'S, PARA 1. NEXT DUE 3973.0 TT, 3973.0 TACH 4) REPAIR BAGGAGE DOOR LOCK ASSY BY INSTALLING NEW LOCK TUMBLER ASSY. 5) REPLACE RIVETS IN RT COOL FLAP HINGE. 6) REPLACE BRACKETT AIR FILTER ELEMENT. 7) OPS CHECK ALL SYSTEMS, ALL OK. 8) I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IAW A 100 HOUR INSPECTION, AND WAS FOUND TO BE IN AIRWORTHY CONDITION. G.S. PETERSON, AP 21505025
6-11-97	3873.0	3873.0	1) INSPECT ELT IAW 91.207, OPS CHECK OK PER NOTED RECS. G.S. PETERSON, AP 21505025
6-16-97	3985.6	3985.6	1) OWNER USE OF AIRCRAFT RAN PAST 100 HOUR TIME. 2) PERFORM 100 HOUR INSPECTION IAW CESSNA MANUAL. 3) CW AD 76-07-12R1, BENDIX IGNITION SWITCH, PARA 1. NEXT DUE 4073.0 TT, 4073.0 TACH. 4) CW AD 87-20-03R2, SEAT RAILS + SEAT ASSY'S, PARA 1. NEXT DUE 4073.0 TT, 4073.0 TACH. 5) REPLACE RIGHT COOL FLAP HINGE ASSY. 6) REPLACE BRACKETT AIR FILTER ELEMENT. 7) I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IAW 100 HOUR INSPECTION, AND WAS FOUND TO BE IN AIRWORTHY CONDITION. G.S. PETERSON, AP 21505025
SUB-TOTAL this page			
TOTAL—Carry forward to next page			

UNITED STATES

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

3. SYSTEM TRACKING REF
D51327

4. ORGANIZATION

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

5. WORK ORDER, CONTRACT, OR INVOICE NUMBER
D7085627

6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
0001	LINE TORQ	0442506 2	VARIOUS	1	N/A	NEW

13. REMARKS

FOR IDENTIFICATION ONLY

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

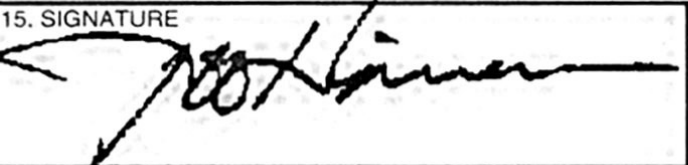
14. NEW NEWLY OVERHAULED

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
08/27/97

22. NAME (TYPED OR PRINTED)

23. DATE

UNITED STATES

FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

3. SYSTEM TRACKING REF.

D51327

4. ORGANIZATION

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

5. WORK ORDER, CONTRACT, OR
INVOICE NUMBER

D7085627

6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
0002	CLEVIS	MS21252 3LS	VARIOUS	1	N/A	NEW

13. REMARKS

FOR IDENTIFICATION ONLY

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

08/27/97

22. NAME (TYPED OR PRINTED)

23. DATE

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				3. System Tracking Ref. No. J98-005	
4. Organization					5. Work Order, Contract, or Invoice Number: 0821		
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Part/Block	12. Status/Work	
1	ENGINE MOUNT	205100-1	C55ND 177RG	1	N/A	Weld Repair	
13. Remarks Weld Repair worn groove in cross cross member, added three bolts to dampen DR16AS per 177-RG maintenance manual para. 18-11. Filler Rod # 60502, HAWT # 705530/ used for repair. All weld E/P/W MIL-STD-2219							
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.							
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> 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) above 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.:	20. Authorized Signature: <i>[Signature]</i>		21. Certificate Number:	
17. Name (Typed or Printed):			18. Date:	22. Name (Typed or Printed): Fred L. Cook		23. Date: 08/04/98	

Synertech

Aviation & Electronics Services

9107-C Industry Drive, Manassas Park, VA 20111

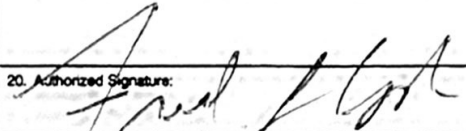
FAA Repair Station No. X1CR425N

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				3. System Tracking Ref. No. 798-005	
4. Organization					5. Work Order, Contract, or Invoice Number: 0817		
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/ Batch Number	12. Status/Work	
1	MILLER SHROUD	2054019- 14	CESSNA 171RS	1	N/A	Weld Repair	
13. Remarks Weld repaired shroud assembly E/P/W mil std-2210 welded numerous cracks, dupl'd doublet on flush patch using KILLAN Rod Heat # 16950							
14. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.							
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> 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) above 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.:	20. Authorized Signature: <i>Frank L Cook</i>		21. Certificate Number:	
17. Name (Typed or Printed):			18. Date:	22. Name (Typed or Printed): FRANK L COOK		23. Date:	

Symertech

Aviation & Electronics Services

9107-C Industry Drive, Manassas Park, VA 20111
FAA Repair Station No. X1CR425N

UNITED STATES		FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				3. System Tracking Ref. No. 598-005	
4. Organization					5. Work Order, Contract, or Invoice Number: 0877		
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/ Batch Number	12. Status/Work	
1	MILLER SHROUD	2054019-14	CESAMP 179RG	1	N/A	Weld repair	
13. Remarks weld repaired shroud possibly E/P/W mil std-2210. welded numerous cracks, replaced doubler and flush patch using MILLER ROD Heat # 16950							
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.							
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> 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) above 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.:	20. Authorized Signature: 	21. Certificate Number:		
17. Name (Typed or Printed):			18. Date:	22. Name (Typed or Printed): FRANK L COOK	23. Date:		

Symertech

Aviation & Electronics Services

9107-C Industry Drive, Manassas Park, VA 20111

FAA Repair Station No. X1CR425N

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED
			TOTAL brought forward from previous page
8/28/97	3997.8		<p>R.R. Lower Scissors and adjusted nose strut extension to 4.81 Inw Cessna S.M. as per the applicable. Op's checked gear oil jacks 4 times Normal. Emergency checked gear. Service Shiny dumper with 560c. Reinstalled no leaks evident at this time. All parts supplied by Customer. All work done JAW S.M. Aircraft Test Flown. Accepted.</p> <p><i>[Signature]</i> AP262552817</p>
11/29/97	4060.9	4060.9	<p>1) REPLACE BATTERY, GILL G-36 NEW. SN G 01771892. G.S. Peterson, AP215105025</p>

Falconhead FBO/ OC Inc.

10/01/98

4083.5 Tach

N-52578

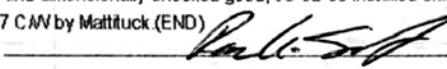

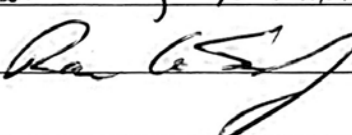
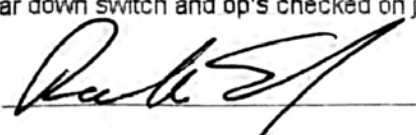
Removed and reinstalled repaired ^{right AS} wing, reassembled and rigged flaps and ailerons IAW Cessna M/M. Torqued and safetied all hardware. (END)

Signature

[Signature]

AP262552817

9998 Wakeham Dr. Manassas, VA 20110 (703-361-7267)

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
Falconhead FBO/ OC Inc.			
10/07/98		4083.5 Tach	N-52578
<p>Completed annual inspection. Removed and replaced spinner and bulkhead IAW STC SA01164AT see 337 form. Replaced o-rings in LH brake cylinder and bleed system. Removed and installed overhauled prop. and governor. Serviced nose gear shimmy damper IAW Cessna MM, reinstalled. Removed and reinstalled repaired engine mount. Removed and replaced central vacuum filter. Removed and replaced rod end and checked rigging on main gear. Replaced shock pad on nose gear, and switch, and rigged gear, ops checked many times checked good. Removed and reinstalled nose forward gear door after repair by synertech and swung gear checked good. Lubricated all control cable pulleys. Removed and replaced RH cowl flap cable. Removed and replaced bad cowl mounts. Removed and replaced nose gear bearing and race. Removed and replaced two static wicks. Readjusted elev. cable tensions IAW Cessna MM and safetied. Re-rigged LH aileron IAW Cessna MM, readjusted stops and push pull rod. Removed and replaced both main wheel outboard bearings and races. Removed and replaced right main tire and tube. Removed and replaced main tube and rotated tire. Removed and replaced main fuel line from selector to electric pump under captains seat. Removed and replaced both main wheel brake linings. Repaired copilots seat back, replacing arms and pins. Removed and replaced battery in ELT and checked good IAW 91.207D, battery due 10/2000. Completed AD research and CAM AD87-20-03R2 visually and dimensionally checked good, 93-02-05 installed clamps, no cracks evident, 78-07-12 functionally checked good, 98-12-07 CAM by Mattituck (END)</p>			
Signature 			AP262552817IA
9998 Wakeman Dr. Manassas, VA 20110 (703-361-7267)			
<p>I certify that this aircraft/engine has been inspected IAW a <u>Annual</u> inspection and was determined to be in airworthy condition at this time. C/W IAW scope and detail form Part 43 F.A.R.'s.</p>			
<p>E.L.T due <u>10/2000</u> E.L.T checked good I.A.W F.A.R. 91.207 Date <u>10/7/98</u> Tach <u>4083.5 TT 4083.5</u> T.S.M.O. Agency <u>Falconhead FBO/OC</u> Signature  # <u>AP262552817IA</u></p>			
10/12/98	4083.7		Tightened loose fitting & manifold gage.  AP262552817
10/13/98	4084.2		Readjusted the landing gear warning horn to 14" Hg manifold press. (Ground Run) Ops checked ok. (END) <u>Valhi B. J.</u> AP 16860.2759
Falconhead FBO/ OC Inc.			
		10/28/98	4089.8 tach
Replaced left gear down switch and op's checked on jacks, checked good.			
Signature 			AP262552817

1. UNITED STATES	2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	3. SYSTEM TRACKING REF. NO. D80673
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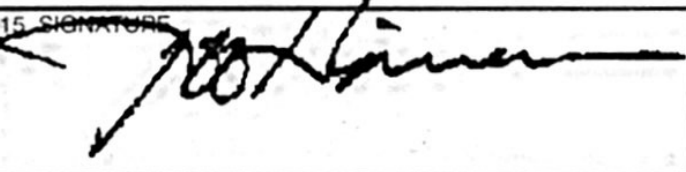
4. ORGANIZATION CESSNA AIRCRAFT COMPANY CESSNA PARTS DISTRIBUTION DEPT. 702 5800 E. PAWNEE, WICHITA, KS 67218	5. WORK ORDER, CONTRACT, OR INVOICE NUMBER D8129260
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6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
0001	GAGE OIL T	SK177 54	VARIOUS	1	N/A	NEW

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

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

14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/> 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.
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15. SIGNATURE 	16. FAA AUTHORIZATION NO. PC4	20. AUTHORIZED SIGNATURE	21. CERTIFICATE NO.
17. NAME (TYPED OR PRINTED) JEFF HINMAN, DOA	18. DATE 12/29/98	22. NAME (TYPED OR PRINTED)	23. DATE

FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

3. SYSTEM TRACKING REF. NO.
D80502

5. WORK ORDER, CONTRACT, OR INVOICE NUMBER
D8129060

CESSNA AIRCRAFT COMPANY
PARTS DISTRIBUTION DEPT. 702
E. PAWNEE, WICHITA, KS 67218

ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
0001	GAGE FUEL	SK177 53	VARIOUS	1	N/A	NEW

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

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

4. **NEW** **NEWLY OVERHAULED**

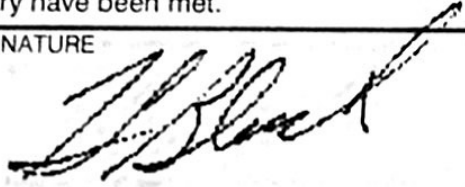
Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

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.

NAME (TYPED OR PRINTED)

DOM BLACK, DOA

18. DATE


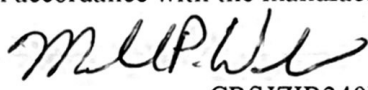





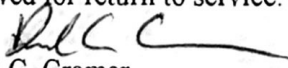
12/28/98

22. NAME (TYPED OR PRINTED)

23. DATE





In all cases, the
 date of an inspection
 in block 1 & 2
 shall be the date
 of the inspection
 unless otherwise
 indicated.

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
11-23-98	4105.7		Rescued landing light frame to lower cowling, reinstalled landing lights. (END) <i>Will B</i> AP168602759
11-25-98	4105.7		Landing Light INOP - Deferred and Placarded IAW 91.205 & 91.213(d). Not required. DAY VFR only <i>AP 225356764</i>
12/1/98	4110.0		P.R. bulb ops checked good found OK. <i>Will B</i>
12-31-98	4125.4		INSTALLED CESSNA KIT SK-177-54 OIL TEMP, AND SK-177-53 FUEL QTY, RT. SIDE TANK. RUN UP, LEAK ✓ & OPS ✓ SYS. OK. <i>John E. Hawn AP 226824149</i>
12/10/98	4125.3		Attitude Indicator INOP! deferred and placarded IAW 91.205 & 91.213(d). Limitations VFR ONLY <i>Will B</i> 240645CFE 12/00
1/13/99	4126.3		Instrument post lights and engine gauge lights INOP. deferred and placarded INOP IAW 91.205 & 91.213(d). Limitations DAY VFR ONLY
1/19/99	4126.3		Readjusted Attitude Indicator, Tightened Attitude post light. ALL other instruments & gauges tested above do not have back lighting. Replaced all missing placards. Replaced INOP stickers & Deferred Items removed.
SUB-TOTAL this page			<i>Will B</i> 2262527
TOTAL—Carry forward to next page			

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
TOTAL brought forward from previous page				
			 N52578 06/17/99 Removed and replaced gear squat switch P/N 602EN67-6B. Serviced nose landing gear strut. All work performed in accordance with the manufacturer's recommended procedures. Michael P. Weber Jet Services, Inc.	Jet Services, Inc. 10509 Terminal Rd. Manassas, VA 20110 (703)361-6830 CRSJZIR340L Hobbs: 711.4 W.O. 2913  CRSJZIR340L
			 N52578 06/30/99 Removed and reinstalled manifold pressure gauge after repair by Capital Aviation Instruments under work order 0629-6. All work performed in accordance with the manufacturer's recommended procedures. Michael P. Weber Jet Services, Inc.	Jet Services, Inc. 10509 Terminal Rd. Manassas, VA 20110 (703)361-6830 CRSJZIR340L Tach: 4187.9 W.O. 2913  CRSJZIR340L
			 N52578 11/18/99 Removed and replaced both main tires. All work performed in accordance with the manufacturer's recommended procedures. Michael P. Weber Jet Services, Inc.	Jet Services, Inc. 9998 Wakeman Dr. Manassas, VA 20110 (703)361-6830 CRSJZIR340L Tach: 4239.5 W.O. 3168  CRSJZIR340L
			 N52578 06/14/00 Complied with an annual inspection in accordance with the manufacturer's recommended procedures. Inspected ELT per F.A.R. 91.207(D). No defects noted. Next due: 06/2001. Complied with A.D. 87-20-03 R2 seat track inspection. No defects noted. Next due: 4381.0 Tach. Removed and replaced parking brake cables. Removed lower cowl wire bundle stand off brackets with manufactured brackets. Replaced lower cowl air scoop baffle seal. Replaced 3 ea. static wicks. Removed and replaced nose landing gear door linkage rod ends, bushings, and swivels. Checked door rigging. Installed new southco fasteners and receptacles. Repaired main gear actuator attach frame reinforcement per engineering drawing. (337 form on file). All work performed in accordance with the manufacturer's recommended procedures. This aircraft is approved for return to service. David C. Cramer Jet Services, Inc.	Jet Services, Inc. 9998 Wakeman Dr. Manassas, VA 20110 (703)361-6830 CRSJZIR340L Tach: 4281.0 W.O. 3421  CRSJZIR340L

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TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			 <p>Jet Services, Inc. (703)361-6830 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 07/27/00 Tach: 4295.5 Performed visual inspection of gear. Serviced reservoir. Cycled gear 6 times. No defects noted. Removed and replaced left hand cabin door stop. Fabricated and installed upper cowling oil door latch catch. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 3555</p>
			 <p>Jet Services, Inc. (703)361-6830 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 08/17/00 Tach: 4300.6 Removed and replaced taxi light bulb P/N on GE4509. Removed and replaced 2 ea. courtesy lights. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 3578</p>
			 <p>Jet Services, Inc. (703)361-6830 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 11/02/00 Tach: 4336.2 Removed and replaced ELT battery. Next due: 12/02. Inspected ELT per F.A.R. 91.207(D). No defects noted. Next due: 11/01. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 3676</p>
			 <p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 05/10/01 Tach: 4380.2 Complied with a 100 hour/annual inspection in accordance with the manufacturer's recommended procedures. Complied with A.D. 87-20-03 R2 seat track inspection. No defects noted. Next due: 4480.2 Tach. Complied with A.D. 76-07-12 Bendix ignition switch operational test. No defects noted. Next due: 4480.2 Tach. Inspected ELT per F.A.R. 91.207(D). No defects noted. Next due: 05/02. Removed and replaced brake pads. Removed brake caliper pins. Cleaned housing. Reinstalled pins after lubrication. All work performed in accordance with the manufacturer's recommended procedures. This aircraft is approved for return to service.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 3905</p>

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	TOTAL —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 05/02/02 Tach: 4542.0 Installed snap ring on adjusting screw of pilot's vent window and installed interior upholstery. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 4384</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 07/18/02 Tach: 4566.5 Complied with a 100 hour/annual inspection in accordance with the manufacturer's recommended procedures. Inspected ELT per F.A.R. 91.207(D). No defects noted. Next due: 07/03. Complied with A.D. 76-07-12 Bendix ignition switch operational test. No defects noted. Next due: 4666.5 Tach. Complied with A.D. 87-20-02 R2 seat track inspection. No defects noted. Next due: 4666.5 Tach. Removed and replaced alternator field and battery wires. Removed right hand flap, quadrant, and close-out. Removed and replaced support. Reinstalled close-out, quadrant, and flap. Riggged flap. Fabricated and installed right flapwell inboard close-out panel. Shimmed lower engine mounts. Removed right hand seat belt and installed serviceable unit. Removed and replaced inboard pads on both brake calipers. Removed and replaced landing light bulb. Removed and replaced tail beacon light bulb. Removed and replaced left aileron outboard static wick. All work performed in accordance with the manufacturer's recommended procedures. This aircraft is approved for return to service.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 4463</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 09/23/02 Tach: 4594.8 Cessna 177RG 177RG1207 Removed and replaced nose gear door hinges and pins. Reattached forward nose gear door. Removed and replaced forward gear door rod end. Reattached right hand nose gear door. Replaced all missing hardware on cowl. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 4601</p>
			<p>SUB-TOTAL this page</p>
			<p>TOTAL—Carry forward to next page</p>

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 10/17/02 Tach: 4621.4 Cessna 177RG 177RG1207 Reassembled vent window crank assembly and closed vent window on pilot's door. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>mlp.w</i> Jet Services, Inc. CRSJZIR340L W.O. 4601</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 11/14/02 Tach: 4646.5 Complied with a 100 hour/annual inspection in accordance with the manufacturer's recommended procedures. Inspected ELT per F.A.R. 91.207(D). No defects noted. Next due: 11/03. Removed and replaced ELT battery. Next due replacement: 01/05. Complied with A.D. 76-07-12 Bendix ignition switch operational test. No defects noted. Next due: 4746.5 Tach. Complied with A.D. 87-20-03 R2 seat track inspection. No defects noted. Next due: 4746.5 Tach. Removed and replaced right hand inboard wing and rudder static wicks P/N on ESD-1. Repaired front left outboard baffle attach point. Removed and replaced stabilator trim rod end. Removed and replaced left main tire and tube. Removed and replaced left main wheel bearings and races. All work performed in accordance with the manufacturer's recommended procedures. This aircraft is approved for return to service.</p> <p>Michael P. Weber <i>mlp.w</i> Jet Services, Inc. CRSJZIR340L W.O. 4667</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 12/20/02 Tach: 4703.7 Cessna 177RG S/N 177RG1207 Removed and replaced right hand gear prox switch and magnet assembly P/N on 2070017-6. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>mlp.w</i> Jet Services, Inc. CRSJZIR340L W.O. 4704</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 12/30/02 Tach: 4709.8 Cessna 177RG S/N 177RG1207 Removed and replaced gear down indicator and system press to test switch P/N on S2581-1. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>mlp.w</i> Jet Services, Inc. CRSJZIR340L W.O. 4704</p>
TOTAL —Carry forward to next page			



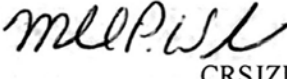

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 01/17/03 Tach: 4715.7 Cessna 177RG S/N 177RG1207 Removed and replaced gear indicator circuit breaker P/N on S-1360-10L. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 4704</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 02/14/03 Tach: 4722.5 Removed and reinstalled muffler after repair by Aerospace Welders under work order 62375. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 4752</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 03/26/03 Tach: 4734.4 Cessna 177RG S/N 1207 Removed and replaced right hand taxi light bulb P/N on GE4596. Repaired and reinstalled right hand taxi light bracket. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 4795</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 04/03/03 Tach: 4738.5 Cessna 177RG S/N 1207 Repaired broken wire on right hand co-pilot's push-to-talk switch. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 4795</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 04/08/03 Tach: 4738.7 Removed and replaced propeller control cable P/N on 565-580-002. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 4816</p>


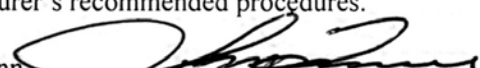
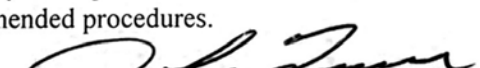
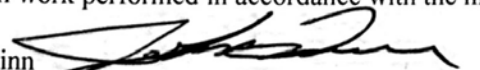
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 05/15/03 Tach: 4746.5 Cessna 177RG S/N 177RG1207</p> <p>Complied with a 100 hour/annual inspection in accordance with the manufacturer's recommended procedures. Complied with A.D. 87-20-03 R2 seat track inspection. No defects noted. Next due: 4846.5 Tach. Complied with A.D. 76-07-12 Bendix ignition switch operational test. No defects noted. Next due: 4846.5 Tach. Inspected ELT per F.A.R. 91.207(D). No defects noted. Next due: 05/04. Removed and replaced bearings, bolts, and bushings for horizontal stabilizer attachments. Removed and replaced left and right landing gear actuator frame bolts. Removed and replaced right outer race and bearing. Removed and replaced right hand and left hand main landing gear wheel outer brake pads. Removed and replaced rudder bonding strap. Repaired right wingtip with sheet metal patch. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P. Weber</i> Jet Services, Inc. CRSJZIR340L W.O. 4836</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 05/30/03 Tach: 4752.7 Cessna C177RG S/N 1207</p> <p>Resealed windscreen. Removed and replaced right hand cabin door stop pin. Removed and reinstalled #1 com radio after repair by Capital Aviation Instruments under work order 11704. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P. Weber</i> Jet Services, Inc. CRSJZIR340L W.O. 4873</p>
<p>SEPTEMBER 15, 2003 TACH: 4756.8 N: N52578</p>			<p>REMOVED AND INSTALLED NEW LH SKIN SECTION BETWEEN ENTRY DOOR FRAME AND FIREWALL. DRILLED HOLE FOR STATIC PORT AND REATTACHED ALL SKIN COMPONENTS FROM ORIGINAL SKIN. ALODINED AND PRIMED NEW SKIN. REF: AC 43.13 1B CHAP. 4 SEC.4 PARA. 4-53 AND 4-57. REMOVED DAMAGED SECTION FROM FWD. LH ENTRY DOOR FRAME AT LOWER HINGE POINT. FABRICATED FRAME REPAIR AND INSERT FROM 0.050 2024T42. ALODINED AND PRIMED. INSTALLED WITH REQUIRED FASTNERS. REF: CESSNA SRM 53-20-00 SEC. 4 PARA. 1-3 FIG 801. AC 43.13 1B CHAP. 4 SEC. 4 PARA 4-55 THRU 4-57. REPAIRED LH ENTRY DOOR FWD CENTER SECTION. REMOVED DAMAGED INTERIOR SKIN SECTION, FABRICATED AND INSTALLED REPAIR DOUBLER FROM 0.040 2024T3. ALODINED AND PRIMED. INSTALLED NEW OVER CENTER HINGE BRACKET. REF: AC43.13 1B CHAP. 4 SEC.4 PARA. 4-55 THRU 4-57.</p>
			<p>ANTHONY HARE AP226152139IA <i>Anthony J. Hare AP226152139IA</i></p>

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 10/17/03 Tach: 4756.8 Cessna 177RG S/N 177RG1207</p> <p>Removed pilot's door for repair. Reinstalled door after repair by Anthony Hare. Removed and replaced door spring. Removed co-pilot's door. Removed and replaced upper and lower hinges. Removed and replaced all co-pilot's door hinge pins. Removed and replaced steel bushing plates on lower starboard bracket. Reinstalled co-pilot's door. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 4908</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 01/23/04 Tach: 4780.3 Cessna 177RG S/N 177RG1207</p> <p>Removed and replaced fuel caps P/N on C156003-0101. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 5065</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 02/03/04 Tach: 4784.3 Cessna 177RG S/N 177RG1207</p> <p>Replaced pilot's and co-pilot's door seals. Installed door chart holder. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 5065</p>
			<p>Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110</p> <p>N52578 02/10/04 Tach: 4789.3 Cessna 177RG S/N 177RG1207</p> <p>Jacked aircraft. Inspected gear, switches, and power pack. No defects noted. Cycled gear 7 times. Power pack stopped and gear up light illuminated. Checked gear warning horn and throttle switch. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 5065</p>

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TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110			
N52578	02/21/04	Tach: 4797.7	
Cessna 177RG	S/N 177RG1207		
Removed and replaced right main tire. Removed and replaced stobe light switch. Jacked aircraft. Cleaned switches. Cycled gear several times. All work performed in accordance with the manufacturer's recommended procedures.			
Michael P. Weber			
Jet Services, Inc.	CRSJZIR340L	W.O. 5163	
Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110			
N52578	04/02/04	Tach: 4816.6	
Cessna 177RG	S/N 177RG1207	ACTT: 4816.6	
Removed and replaced actuator support P/N on 2041014-1. Retraction checks performed. All work performed in accordance with the manufacturer's recommended procedures. Removed and replaced left fuel cap. All work performed in accordance with the manufacturer's recommended procedures.			
Michael P. Weber			
Jet Services, Inc.	CRSJZIR340L	W.O. 5224	
Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110			
N52578	05/01/04	Tach: 4842.1	
Cessna 177RG	S/N 177RG1207	ACTT: 4842.1	
Connected co-pilot's mic and headset wires. All work performed in accordance with the manufacturer's recommended procedures.			
Michael P. Weber			
Jet Services, Inc.	CRSJZIR340L	W.O. 5224	
Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110			
N52578	05/12/04	Tach: 4845.1	
Cessna 177RG	S/N 177RG1207	ACTT: 4845.1	
Complied with a 100 hour/annual inspection in accordance with the manufacturer's recommended procedures. Inspected ELT per F.A.R. 91.207(D). No defects noted. Next due: 05/05. Complied with A.D. 87-20-03 R2 seat track inspection. No defects noted. Next due: 4945.1 Tach. Complied with A.D. 76-07-12 Bendix ignition switch operational test. No defects noted. Next due: 4945.1 Tach. Removed and replaced right elevator tip static wick. Removed and replaced right hand aileron static wick. Removed and replaced taxi light bulb. Removed and replaced cabin heat intake scat tube. Removed and replaced cowl mount on right hand side. Removed and replaced rivets on right hand cowl flap hinge attach area. Removed and reinstalled rivets on right hand flap false spar. Installed right hand flap plug. Adjusted nose gear doors. Retraction checks performed. All work performed in accordance with the manufacturer's recommended procedures. This aircraft is approved for return to service.			
Michael P. Weber			
Jet Services, Inc.	CRSJZIR340L	W.O. 5224	

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 05/24/04 Tach: 4848.8 Cessna 177RG S/N 177RG1207 Hobbs: 1514.1 Rewired co-pilot's audio plug in and push-to-talk connections. Assembled and installed pilot's and co-pilot's headrests. Resealed left wing inboard fuel panel. All work performed in accordance with the manufacturer's recommended procedures. John Quinn  Jet Services, Inc. CRSJZIR340L W.O. 5281
			Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 05/25/04 Tach: Cessna 177RG S/N 177RG1207 Hobbs: 1517.3 Removed and replaced nose gear up switch connectors. All work performed in accordance with the manufacturer's recommended procedures. John Quinn  Jet Services, Inc. CRSJZIR340L W.O. 5281
			Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 07/08/04 Tach: 4882.8 Cessna 177RG S/N 177RG1207 Hobbs: 1557.4 Removed and replaced vacuum pump P/N on RA215CC S/N on A13600 P/N off AA211CC S/N off N00730. Removed and replaced vacuum system filters. Removed and replaced vacuum pump assembly drive pad oil seal. All work performed in accordance with the manufacturer's recommended procedures. John Quinn  Jet Services, Inc. CRSJZIR340L W.O. 5281
			Jet Services, Inc. (703)361-7267 9998 Wakeman Dr. CRSJZIR340L Manassas, VA 20110 N52578 07/24/04 Tach: 4899.9 Cessna 177RG S/N 177RG1207 Hobbs: 1577.0 Jacked aircraft. Cycled gear. Repaired broken wire at the main gear up switch connector. Cycled gear. All work performed in accordance with the manufacturer's recommended procedures. John Quinn  Jet Services, Inc. CRSJZIR340L W.O. 5281
			SUB-TOTAL this page
			TOTAL —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Jet Services, Inc.
9998 Wakeman Dr.
Manassas, VA 20110

(703)361-7267
CRSJZIR340L

N52578

08/08/04

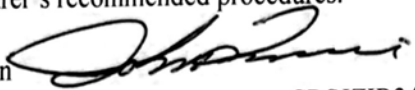
Tach: 4909.5

Cessna 177RG

S/N 177RG1207

Soldered wires onto throttle switch. Adjusted switch. All work performed in accordance with the manufacturer's recommended procedures.

John Quinn
Jet Services, Inc.



CRSJZIR340L

W.O. 5379

White Hawk Aviation
12517 Beverly Ford Road
Brandy Station, Va. 22714

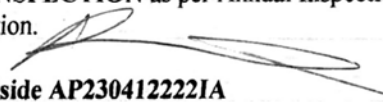
Phone: 540-727-8400
Fax: 540-727-8411

N52578 Cessna C-177RG Serial number: 177RG-1207

Date: 15 October 2004 Tach: 4944.5 TTAF: 4944.5 TTENG: 4944.5 SMOH: 861.00

Lubricated all controls and inspected for freedom of movement, security, and travel limits. Inspected all lights both interior and exterior. Inspected wheels tires and brakes.. Topped brake reservoir with MIL 5606. Repacked all wheel bearings. Serviced shimmy dampener. Replaced BA-5705 induction filter and pneumatic canister and vacuum regulator filters. Inspected seats, seat rails, rollers, pins, and seat belts. Inspected battery and cleaned corrosion off terminals. I certify I have inspected the **ELT SYSTEM** in this airframe, found it meets the requirements of FAR 91.207 (d). Battery due June 2005. AD's searched through 2004-18. C/W AD87-20-03R2, AD76-07-12 and AD2002-26-01.

I certify this aircraft has been inspected IAW **ANNUAL INSPECTION** as per Annual Inspection check list and was determined to be in an **AIRWORTHY** condition.



Kevin Woodside AP230412222IA

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
LOG ID# 2689 24-November-2004 WO# 16914 REF# 16914 CA 11 HOBBS 16547
N52578 S/N 177RG1207 CESSNA C177RG TACH 4965.1
Pg 1 / 1

DISCREPANCY: REPAIR STATIC LEAK.
ACTION: WANTED OPEN STATIC SYSTEM WITH MULTIPLE PROBLEMS. REPLUMED VSI INDICATOR. FOUND CONNECTOR BROKEN OFF ALT STATIC SOURCE VALVE AND VALVE LEAKING. REPLACED CONNECTOR AND REBUILT ALT STATIC SOURCE VALVE. FOUND STATIC HOSE FROM PILOTS SEDE STATIC GUMP NOT CONNECTED. EXTENDED HOSE AND RECONNECTED. FOUND PILOTS SEDE STATIC PORT OPEN. RESEALED PORT. CO-PILOTS STATIC SYSTEM HAS 700 FT PER MINUTE STATIC LEAK. FOUND SPLIT IN STATIC HOSE IN BETWEEN LEFT AND RIGHT STATIC PORTS. REPLACED STATIC HOSE. STATIC LEAK CHECK PASSED.

DISCREPANCY: PERFORM 91.411 413
ACTION: THE ALTIMETER, TRANSPONDER, STATIC, AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AS REQUIRED BY FAR 91.411 AND 91.413 AND MEET THE REQUIREMENTS OF FAR PART 43 APPENDIX E AND F.
ALTIMETER 01 ISSUED TO 01,000 FT S/N C104
ALTIMETER 02 S/N 8Y18K010 S/N C104
TRANSPONDER 01 S/N 41430-1114 S/N 11152
DATA CORRESPONDENCE WAS TESTED TO 20,000 FT

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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.



SUB-TOTAL this page

TOTAL—Carry forward to next page

ITEM: 6
ORDER: 1088328N/LOT: N/A
PN: 0517039-2

DESC: HANDLE
QTY: 1
U/M: EA



1. Approving National Aviation Authority/Country:

FAA/UNITED STATES

AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1088327

4. ORGANIZATION **Cessna Aircraft Company**
Cessna Parts Distribution Dept. 702
5800 E Pawnee, Wichita, KS 67218

5. Work Order/Contract/Invoice Number: **547538**

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
6	HANDLE	0517039-2	172	1	N/A	New

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

PO# 65792

14. Certifies the items identified above were manufactured in conformity to:	19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in block 13
<input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data 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>Billy G. Prichard</i>	16. Approval/Authorization No.: 100129CE	20. Authorized Signature:	21. Approval/Certificate No.:
17. Name (Typed or Printed): BILLY G. PRICHARD, ODARF	18. Date (m/d/y): SEP/21/2005	22. Name (Typed or Printed):	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.

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
7-14-05	T 5029.3	H 1726.4	Removed ELT and installed new battery pack PLW BP-1020 per MERL, INC. Instruction sheet. Next replacement due at AUG 07. Reinstalled ELT and ops checked IAW FAR 91-207(d). OK to continue service. <i>John Saledas ATP 228945469</i> END

 FOR UPS SHIPPING ONLY

White Hawk Aviation
12517 Beverly Ford Road
Brandy Station, Va. 22714

Phone: 540-727-8400
Fax: 540-727-8411

N52578 Cessna C-177RG Serial number: 177RG-1207

Date: 17 August 2005 Tach: 5042.5 TTAF: 5042.5 TTENG: 5042.5 SMOH: 959.00

Lubricated all controls and inspected for freedom of movement, security, and travel limits. Inspected all lights both interior and exterior. Inspected wheels tires and brakes. Topped brake reservoir with MIL 5606. Repacked all wheel bearings. Serviced shimmy dampener. Replaced BA-5705 induction filter and pneumatic canister and vacuum regulator filters. Inspected seats, seat rails, rollers, pins, and seat belts. Inspected battery and cleaned corrosion off terminals. I certify I have inspected the **ELT SYSTEM** in this airframe, found it meets the requirements of FAR 91.207 (d). Battery due August 2007. AD's searched through 2005-15. C/W AD87-20-03R2, AD76-07-12 and AD2002-26-01.

I certify this aircraft has been inspected IAW ANNUAL INSPECTION as per Annual Inspection check list and was determined to be in an AIRWORTHY condition.

Kevin Woodside
Kevin Woodside AP2304122221A

10-13-05	5055.8		Removed and replaced pilot door handle PART # 0517039-2 IAW manufacturers recommended procedures. <i>John Saledas ATP 228945469</i>
12-16-05	T 5066.4		Removed LH brake assembly, installed new M528775-224 packing on puck and reinstalled. Bled LH brake system. Done IAW Cessna 177RG maintenance manual OK to continue service. <i>John Saledas ATP 228945469</i>

SUB-TOTAL this page

TOTAL—Carry forward to next page

ITEM: 10
PN: 0541115-5

1312682

10

QTY: 1
U/M: EA

1. Approving National Aviation Authority/Country:

AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1312682

FAA/UNITED STATES

4. ORGANIZATION Cessna Aircraft Company
Cessna Parts Distribution Dept. 702
5800 E Pawnee, Wichita, KS 67218

5. Work Order/Contract/Invoice Number: 633481

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
10	BOLT	0541115-5	177	1	N/A	New

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

PO# 67760

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.

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.

15. Authorized Signature: *Kenneth E. Wsocki*

16. Approval/Authorization No.: 100129CE

20. Authorized Signature:

21. Approval/Certificate No.:

17. Name (Typed or Printed): KENNETH E. WY SOCKI SR.,

18. Date (m/d/y): ODARF JUL/17/2006

22. Name (Typed or Printed):

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.

DESCRIPTION OF WORK PERFORMED
NATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Previous page

07/27/06 N52578 Tach: 5091.4

Checked all controls for secured wheels, cleaned and packed main tire 15x6x6. Inspected wheel brake reservoirs. Checked and replaced landing light P/N 4509. Removed bird debris from tail cone and treated corrosion on R/H thru spar as required. Removed S-100 as required. Performed S-100 repair on fuselage and installed new tail hook boot. Resecured door seal.

1/AG 91.207 D B. Henry

07/27/06 N52578 Tach: 5091.4

1. Approving National Aviation Authority/Country:		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 1307189	
4. ORGANIZATION FAA/UNITED STATES Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218		5. Work Order/Contract/Invoice Number: 631318			
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
21	WICK	C592001-0201	02	1	N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
PO# 67704					
14. Certifies the items identified above were manufactured in conformity to:			19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in block 13		
<input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data 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>Billy G. Prichard</i>		16. Approval/Motivation No.: 100129CE		20. Authorized Signature:	
17. Name (Typed or Printed): BILLY G. PRICHARD, ODARF		18. Date (m/d/y): JUL/10/2006		22. Name (Typed or Printed):	
				21. Approval/Certificate No.:	
				23. Date (m/d/y):	
User/Installer Responsibilities					
<p>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</p> <p>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.</p>					
FAA Form 8130-3 (6-01)		Installer must cross-check eligibility with applicable technical data.		NSN: 0052-00-012-	

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
7/27/06	5091.4	HOBBS 1807.4	<p>07/27/06 N52578 Tach: 5091.4 Hobbs:1807.4</p> <p>Removed all panels. Checked all controls for security and operation and lubed as required. Removed wheels, cleaned and packed all bearings. Removed and replaced L/H main tire 15x6x6. Inspected wheels and brake linings and reinstalled. Serviced brake reservoirs. Checked all lights for proper operation. Removed and replaced landing light P/N 4509. Removed and replaced wing light P/N 4709. Removed bird debris from tail & wing sections as required. Removed, cleaned and treated corrosion on R/H and L/H fuselage wing root sections, on carry thru spar as required. Removed corrosion under battery box cleaned and treated as required. Performed S/M repair on tail tie down doubler plate strap and installed new tail hook bolt P/N0541115-5. Removed L/H door and performed S/M repair on fuselage lower door hinge section and reinstalled door. Resecured door seal where required.</p> <p><i>Inspected EIT IAW 91.207 D Battery door Aug 07</i></p>
			<p>07/27/06 N52578 Tach: 5091.4 Hobbs:1807.4</p> <p>Removed nose gear door and performed S/M repair on top L/H side. Replaced worn grommet on turnbuckle and reinstalled door on lower cowling. Replaced missing south-co fasteners on cowlings where required. Installed missing static discharger P/N C592001-0201. Installed missing fastener on rudder discharger. Resecured and saftied elevator trim tab bolt. Stop drilled crack on rudder cap. Removed worn exhaust cooling shroud, repaired by Tig welding new stainless steel sections of same thickness at worn section locations and reinstalled with new hardware Troubleshooting of fuel smell in cockpit after take-off. No defects found at this time. C/W AD's 87-20-03, 76-07-12,2002-26-01. I CERTIFY THAT THIS A/C HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>Timothy J. Foltz A&P229191115/IA <i>Timothy Foltz AP 229191115/IA</i></p> <p>ALL WORK Accomplished Per 177RG SERVICÉ MANUAL</p> <p>€ 43:13. <i>Timothy Foltz</i> 229191115/IA END</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTAL brought forward from previous page

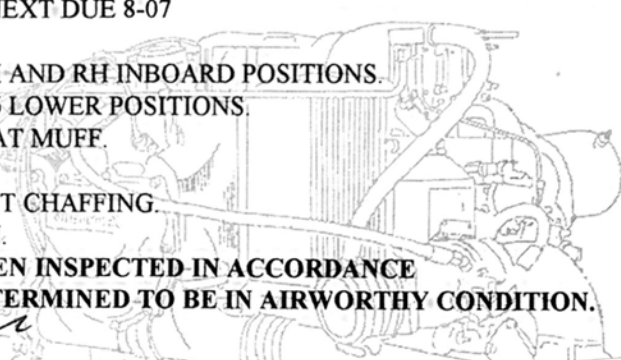
Aero ENGINES

OF WINCHESTER, INC.
615 AIRPORT ROAD #109 • WINCHESTER, VA 22602
(540) 678-1661

DATE: 1-3-07 TACH:5141.2 N52578 S/N: 177RG1207

1. INSPECT AIRCRAFT IAW AN APPROVED CHECK LIST PER CFR 43 APP. D.
2. OPEN ALL ACCESS PANNELS AND LUBRICATE ALL PULLIES, HINGE POINTS, BELLCRANKS, & RODENDS.
3. GREASE NOSE LANDING GEAR.
4. TEST ALL LIGHTS.
5. TESTED ELT IAW FAR 91.207d BATTERY NEXT DUE 8-07
6. SERVICE AND CHARGE BATTERY.
7. INSTALLED 2 STATIC WICKS AT BOTH LH AND RH INBOARD POSITIONS.
8. INSTALL NEW COWL LORD MOUNTS AT 6 LOWER POSITIONS.
9. INSTALL NEW SCAT TUBING AT FWD HEAT MUFF.
- 10 CLEAN BIRD DROPPINGS FROM TAIL.
- 11INSTALL 3-M TAPE ON FLAPS TO PREVENT CHAFFING.
- 12 INSTALL NEW LH DOOR STOP SHEER PIN.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.
JUSTIN BICKLE A&P 160582750 *[Signature]*



White Hawk Aviation
12517 Beverly Ford Road
Brandy Station, Va. 22714

Phone: 540-727-8400
Fax: 540-727-8411

N52578 Cessna C-177RG Serial number: 177RG-1207

Date: 23 March 2007 Tach: 5183.6 TTAF: 5183.6 TTENG: 5183.6 SMOH: 1100.1

Lubricated all controls and inspected for freedom of movement, security, and travel limits. Inspected all lights both interior and exterior. Repaired left nav light and landing light wires. Inspected wheels tires and brakes. Replaced 500X5 nose tire. Topped brake reservoir with MIL 5606. Repacked all wheel bearings. Serviced shimmy dampener. Replaced BA-5705 induction filter and pneumatic canister and vacuum regulator filters. Inspected seats, seat rails, rollers, pins, and seat belts. Repaired cabin door stops. Repaired nose gear down lock switch wires. Inspected battery and cleaned corrosion off terminals. I certify I have inspected the **ELT SYSTEM** in this airframe, found it meets the requirements of **FAR 91.207 (d), Battery due August 2007, AD's searched through 2007-06, C/W AD87-20-03R2, AD76-07-12 and AD2002-26-01.**


I certify this aircraft has been inspected IAW **ANNUAL INSPECTION** as per Annual Inspection check list and was determined to be in an **AIRWORTHY** condition.

Kevin Woodside AP31222551A *[Signature]*

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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	10537 Wakeman Drive Manassas, VA 20110 703-530-7737	23 May 2007 Tach Time 5199.9 Hours Total Aircraft Time 4849.1 Hours N52578
Inspected hardware and attach points. Cleaned post and attaching hardware. Installed ADF (Aeroheat Lifetime Stainless Steel Longwire) per Manufacture's instructions, confirmed attaching points secure.		
Stephen J. Elson A&P 2828334		

CAPITAL AVIATION INST & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
 LOG ID# 4450 25-May-2007 WO# 26702 CA 11 HOBBS 1941.3
 N52578 S/N 177RG1207 CESSNA C177RG TACH 5199.9

Pg 1 / 1

Found #1 radio loose in the rack. Secured and tested both nav 1 and nav 2. Sensitivity and flags levels good and same for both radios. Noted 3 degree VOR error on nav 1, adjusted to 0.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 THE ABOVE WORK ORDER.

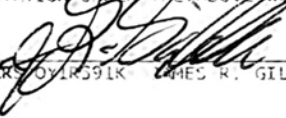

 OY1R391K JAMES R. GILDEA

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
 LOG ID# 4565 20-July-2007 WO# 26917 CA 11 HOBBS 1947.8
 N52578 S/N 177RG1207 CESSNA C177RG TACH 5205.5

Pg 1 / 1

Removed navcom KX 155 P/N 069-1024-42 S/N 20440 and indicator KI 204 P/N 066-3034-02 S/N 20470 for shop evaluation.
 Reinstalled and tested after shop repair.


THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 THE ABOVE WORK ORDER.



 OY1R391K JAMES R. GILDEA

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	10537 Wakeman Drive Manassas, VA 20110 703-530-7737	23 May 2007 Tach Time 5233.6 N52578
Performed 50 hrs oil change filled with 7qts Phillips X/C 20-50W IAW C177 MM. Performed engine run no leaks found ops test good at this time.		
Jason D. Peach A&P 3095131		

	10537 Wakeman Drive Manassas, VA 20110 703-530-7737	23 May 2007 Tach Time 5233.6 N52578
ELT battery due for change, changed ELT battery ops test good. ELT armed and monitored 121.5, ELT not transmitting. Batt change due JAN 2010.		
Jason D. Peach A&P 3095131		

White Hawk Aviation Phone: 540-727-8400
 12517 Beverly Ford Road Fax: 540-727-8411
 Brandy Station, Va. 22714


N52578 Cessna C-177RG Serial number: 177RG-1207

Date: 28 March 2008 Tach: 5236.4 TTAF: 5236.4 TTENG: 5236.4 SMOH: 1152.9

Lubricated all controls and inspected for freedom of movement, security, and travel limits. Inspected all lights both interior and exterior. Inspected wheels tires and brakes. Replaced 15-600X6 right main tire. Topped brake reservoir with MIL 5606. Repacked all wheel bearings. Serviced shimmy dampener. Replaced BA-5705 induction filter and pneumatic canister and vacuum regulator filters. Inspected seats, seat rails, rollers, pins, and seat belts. Repaired cabin door stops. Repaired nose gear down lock switch wires. Inspected battery and cleaned corrosion off terminals. I certify I have inspected the **ELT SYSTEM** in this airframe, found it meets the requirements of FAR 91.207 (d), Battery due February 2010. AD's searched through 2008-3B, C/W AD87-20-03R2, AD76-07-12 and AD2002-26-01.

I certify this aircraft has been inspected IAW ANNUAL INSPECTION as per Annual Inspection check list and was determined to be in an **AIRWORTHY** condition.

Kevin Woodside AP31222551A

	10537 Wakeman Drive Manassas, VA 20110 703-530-7737	05-13-08 Tach Time 5240.2
AD 2008-10-02 N/A aircraft hasn't had alternate static air valve changed since November 19, 2007. No further action required.		
Jason Peach A&P 3093151		

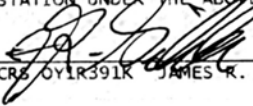
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
 LOG ID# 5259 23-June-2008 WO# 30428 CA 11 HOBBS 1989.5
 N52578 S/N 177RG1207 CESSNA C177RG TACH 5240.2

Pg 1 / 1

Replaced compass and mount. Performed compass swing and replaced compass correction card.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE 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 THE ABOVE WORK ORDER.


 CRS OY1R391K JAMES R. GILDEA

Hagerstown Aircraft Services, Inc.

Certified Repair Station: CRS H5GRO500
 14235 Oak Springs Road, Hagerstown, MD 21742 (301) 733-7604

DATE: 11/28/08 N52578 TACH: 5251.5 W/O # 0810355
 MAKE: Cessna MODEL: 177RG SERIAL: 177RG1207

Made repairs to cabin door areas by installing repairs to both forward door post and replacement of the following parts: 1 hinge, left hand top cabin door p/n 1717002-5, 1 left door latch pin p/n MS20392-2C45, 1 left hand cabin door latch plate p/n 1717048-2, 1 left side forward cabin skin p/n 2013000-11, 1 right side forward cabin skin p/n 2013000-12, 1 left cabin door spring handle p/n 0711016-1, 1 hinge top right hand cabin door p/n 1717002-6. Repainted aircraft as needed. All work was performed in accordance with AC 43.13-1B, the manufactures maintenance manual, and current Federal Aviation Regulations. Aircraft is approved for return to service in respect only to the work performed. See work order for pertinent details.

Signed: Tracey L. Potter 
 Hagerstown Aircraft Services, Inc
 FAA Approved Repair Station H5GRO500

Hagerstown Aircraft Services, Inc.

Certified Repair Station: CRS H5GRO500
 14235 Oak Springs Road, Hagerstown, MD 21742 (301) 733-7604

I certify the altimeter and static systems test required by FAR Part 91.411 have been performed and tested per FAR 43 Appendix E. Pilot side

Altimeter, model United 5934P-1A.56 s/n 7940 was tested to 20,000 feet on 29 JAN 2009

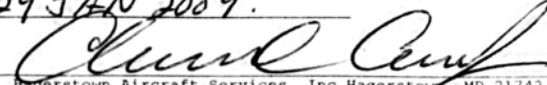
Static system test date 29 JAN 2009

I certify the encoding altimeter was tested in accordance with FAR 43 Appendix E2(c) and found to be in compliance with FAR 91.217(b).

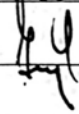

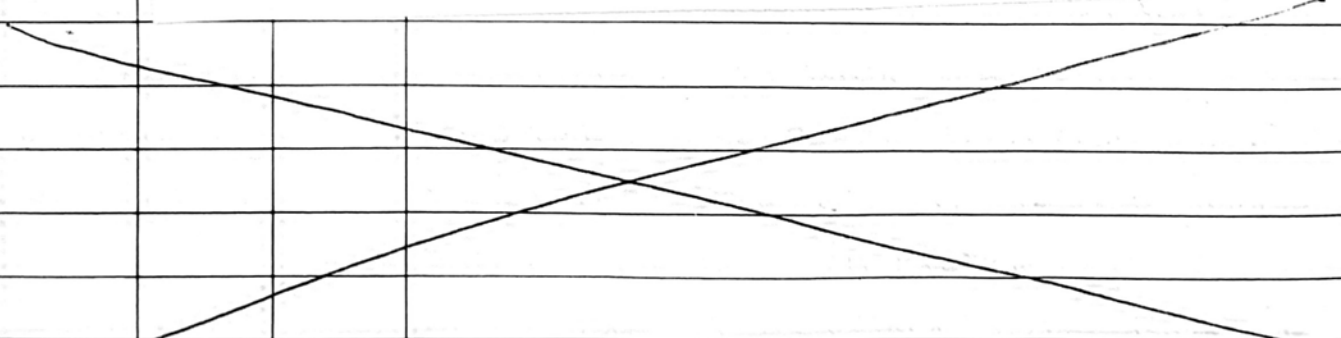
The encoding altimeter, make/model TCE 55D120 serial number A52960 was tested to 20,000 feet on 29 JAN 2009

I certify the transponder test required by FAR 91.413 has been performed and tested per FAR43 appendix F # 1 System

Transponder ARC RT-359A W.O.# 0901020
 Serial Number 11352 A/C N# N52578
 Test Date 29 JAN 2009

Signed: 
 Hagerstown Aircraft Services, Inc Hagerstown, MD 21742
 FAA Approved Repair Station H5GRO500

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
7/15/09	TT 5259.4		TOTAL TACH TIME 5259.4
C177R6	SN 177R6	1207	N52578, 100 hr IASB complete
THIS DATE, OPENED ALL IASB PANELS, REMOVED INFERIOR FOR ACCESS. INSPECTED AIRCRAFT, LUBED ALL ALLEYS AND HINGES.			
CHECKED ALL LIGHTS OK, CHECKED ELEC. SYSTEM, OK, PACKED ALL WHEEL BEARINGS, CLEANED WHEELS AND BRAKES, PERFORMED GEAR RETRACTION TEST OK. REPLACED LEFT MAIN GEAR TIRE AND TUBE. REPLACED ALL BRAKE LININGS, GREASED ALL LANDING GR. FITTINGS. ADJUSTED GEAR HORN. CHECKED ALL ADS. CW AB7-20-03R2, 76-07-12, AD 2002-26-01, I HAVE INSPECTED THE ECT SYSTEM OF THIS AIRCRAFT AND FOUND IT MEETS THE REQUIREMENTS OF FAR 91.207(d) BATTERY AGE FEBRUARY 2010. REPLACED INDUCTION AIR FILTER. REPAIRED ALF-AIR INLET DOOR HINGE. REPAIRED ENGINE BAFFLING, REPLACED BAFFLING SILICONE SEAL. REMOVED SPINNER AND REPAIRED. CHECKED PROP SECURITY. ADDRESS BLADES AND PAINTED. REPLACED BUSHINGS IN NOSE GEAR DOOR HINGES. FABRICATED PATCH FOR FORWARD NOSE GEAR DOOR. REPAIRED TOP COUPLING. INSTALLED ALL NEW SOUTHCO SFORDS. INSTALLED 4 NEW LORD COUL MTS. INSTALLED NEW GROMMET ON NOSE GEAR DOOR TURNBUCKLE. INSTALLED NEW DOOR SFOA SPRINGS (CESSNA P/N 1717053-3) CLEANED OLD DOOR SEALS. REPAIRED DOOR EDGES AND JAMS. INSTALLED NEW DOOR SEALS, ALL DOORS. INSTALLED NEW DOOR WINDOW GLASS, NEW LEFT WINDOW GLASS, NEW BACK SIDE GLASS AND BACK GLASS. INSTALLED NEW L-R DOOR LWR JAMBS (PAUL PLASTICS) L-R WINDOW TRIM (READ) NEW LT SIDE PILOT KICK PANEL. NEW BAGGAGE DOOR OPENING TRIM. REFINISHED ALL PLASTIC. INSTALLED 8 NU LIFE INSTRUMENT LIGHT RINGS ON FLT INSTRS. TACH AND MAP. CONF.			
SUB-TOTAL this page			
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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			<p>INSTALLED ACCORDING TO AC43.13 MINOR MOD. INSTALLED NEW PLACARDS ON PANEL AND CONSOLE. INSTALLED URG DIGITAL 4 PROBE EGT, 4 PROBE CHT, P26FC. SEE ATTACHED 337 AUTOPILOT COMPUTER AND REPAIRED BY "AUTOPILOT CENTRAL".</p> <p>REMOVED HEADLINE FOR ACCESS TO OVERHEAD. REPLACED ALL DUCTING WITH NEW SCAT. CLEANED CARRY THRU AND OVERHEAD SHEET METAL. THEN ZINC CHROMATED. INSTALLED NEW CLOSED CELL FOAM INSULATION ON CEILING AND L-R. PILOTS KICK PANELS. AIRSPEED IND, AIR TURN COORD, AIR DG, AND VSI OVERHAULLED AND REFACED. NEW DR VACUUM CARTRIDGE FILTER INSTALLED. NEW PILOTS OUF BOARD SEAT RAIL REPLACED. STAINLESS SCREW KIT INSTALLED. INSTALLED NEW HINGE (REAR) FOR BAGGAGE DOOR. INSTALLED NEW PILOT SIDE DOOR HANDLE. P/N LT08-53765. INSTALLED NEW COOL FLAP HINGES BOTH SIDES. I HAVE INSPECTED THIS AIRCRAFT IN ACCORDANCE W/ A 100 HR. IASA. AND FOUND IT TO BE IN AIRWORTHY CONDITION.  AP. 436988256</p>
Date: 07/15/09 Time: 5259.4			
I certify that this aircraft has been inspected i/a/w an Annual Inspection & has been determined to be in airworthy condition at this time.			
Frank May, A & P 426239616 IA			
			

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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8-31-09	5262.4		OVERHAULED LF AND RF BRAKE MASTER CYLS, BLEED SYSTEM, INSTALLED NEW ZEEFRODICS VOLTAGE REGULATOR, INSTALLED NEW OVER VOLTAGE SENSOR PN. TOUCHED UP PAINT ON FUSELAGE. INSTALLED LT AND RF SIDE INST. PANEL COVERS.

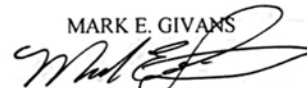
Precision Aerospace Technologies, Inc.

305 Runway Rd. Batesville, AR 72501 (870) 251-2533 (Office) – (870) 251-2561 (Fax)

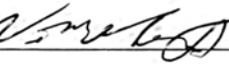
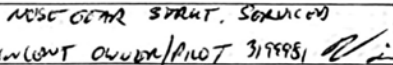
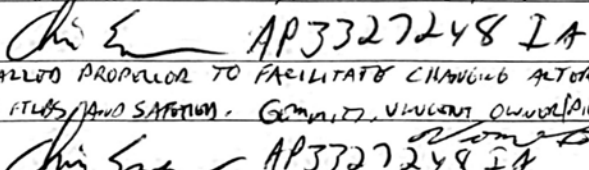
Make	Model	ACFT S/N	N #	TACH	DATE
CESSNA	177RG	177RG1207	N52578	5307.8	NOV 19, 2009

- 1.) INSTALLED CHALLENGER AVIATION PRODUCTS, INC. REUSABLE AIR FILTER STC SA01669CH IN ACCORDANCE WITH CHALLENGER INSTALLATION INSTRUCTION NUMBER 0402 REVISION N, DATED JULY 11, 2008.
 - 2.) CHALLENGER AIR FILTER CLEANING INSTRUCTIONS DATED AUG 31, 2005 REVISION D, DOCUMENT NUMBER 4003, INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, PLACED IN AIRCRAFT RECORDS.
 - 3.) INSTALLED POWERFLOW SYSTEMS, INC IMPROVED PERFORMANCE EXHAUST SYSTEM KIT PFS-13706, STC SA03623AT IN ACCORDANCE WITH POWERFLOW SYSTEMS, INC INSTALLATION INSTRUCTIONS AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS REPORT NUMBER PFS-13752-00, REV C, DATED 05/15/2009.
 - 4.) POWERFLOW SYSTEMS, INC INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, PLACED IN AIRCRAFT RECORDS.
 - 5.) REVISED AIRCRAFT WEIGHT AND BALANCE AND EQUIPMENT LIST.
- IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 6981.

MARK E. GIVANS



CRS # P90R564Y

28 NOV 09	5309.8		SERVICED NLG STRUT WITH MIL-5606 HYDRAULIC FLUID AND AIR IN ACCORDANCE WITH CESSNA MX MANUAL. GEMMIT, VINCENT OWNER/PILOT 3199981 
22 DEC 09	5311.2		REMOVED, CLEANED, INSPECTED, REPAIRED REINSTALLED NOSE GEAR STRUT. SERVICED WITH HYD FLUID/AIR IN MX MANUAL. GEMMIT, VINCENT OWNER/PILOT 3199981 
	5311.2		REMOVED AND REINSTALLED PROPELLOR TO FACILITATE CHANGING ALTITUDE BET. TORQUE TO CU FTLS AND SAFETY. GEMMIT, VINCENT OWNER/PILOT 3199981 

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			TOTAL brought forward from previous page
10 Jan 2010	—	5312.5	REMOVED AND REPLACED CRACKED ACCESS PANEL UNDER RIGHT WING WITH NEW PANEL MOUNTED MIRROR. (WILCO INC WING MOUNTED CONCAVE MIRROR STC SA2791CE) IAW WILCO DRAWING W177107. GEMMIT, VINCENT M OWNER/PILOT 319981 STC PLACED IN AIRCRAFT RECORDS. <i>[Signature]</i>
4 MAR 2010	—	5318.9	REMOVED AND REPLACED ELT BATTERY, ELT OPS CHECK GOOD. NOT TRANSMITTING IN ARMED POSITION, BATTERY CHANGE DUE MAY 2012. GEMMIT, VINCENT M OWNER/PILOT 319981 <i>[Signature]</i>

MAINTENANCE RECORD

Date:	March 1, 2010	Page 1 of 1 Pages	Reg. No	N52578
Aircraft:	177RG	Serial#: 177RG1207	Total Time / Tachometer:	Unknown / 5318.3
Propeller:	McCauley B2D34C207	Serial#: 742821	Total Time / TSO:	Unknown / Unknown

The below listed items were accomplished in accordance with the Cessna 177RG Series Service Manual and other approved or acceptable data as applicable.

Work Order PG-10-20164

[001] Propeller removed this date from Cessna model 177 RG serial number 177RG1207.

Signed *[Signature]*

Central Flying Service, Inc. JAMES ILER CRS No. HBKR587E
 1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150

MAINTENANCE RECORD

Date:	March 9, 2010	Page 1 of 1 Pages	Reg. No	N52578
Aircraft:	177RG	Serial#: 177RG1207	Total Time / Tachometer:	Unknown / 5318.3
Propeller:	McCauley B2D34C207	Serial#: 742821	Total Time / TSO:	5318.9 / 1235.4

The below listed items were accomplished in accordance with the Cessna 177RG Series Service Manual and other approved or acceptable data as applicable.

Work Order PG-10-20164

[001] Propeller removed and then installed after repair by Memphis Propeller Service, Inc., PI4R441M under their work order 17845.

I certify that the above listed items have been completed, and with regard to the above items, that this propeller has been approved for return to service.

Signed *[Signature]*

Central Flying Service, Inc. JAMES ILER CRS No. HBKR587E
 1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150

SUB-TOTAL this page
TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
3 APR 2010			5330.2	REMOVED OF GOODRICH TACH PN 3320-00038 SN 20307
			5330.2	AND REPLACED IT WITH MITCHELL TACH PN DI-112-5023 SN 30768. HOURS ON NEW TACH SPUN TO MATCH OLD TACH
				NO DISCREPANCY IN HOURS BETWEEN THE TWO TACHS.
3-APRIL 10				OPPS CHECK GOOD AIP 3369540 <i>Donald J. [Signature]</i>
<p>DATE 09/03/10 N52578 177RG1207 TACH 5350.4</p> <p>PERFORMED 100 HOUR INSPECTION I/A/W CESSNA 177 SERVICE MANUAL. LUBED ALL WHEEL BEARINGS, NOSE STRUT & FLIGHT CONTROLS. SERVICE HYDRAULIC POWER PACK & INSTALLED ANNUNCIATOR LIGHT, SEE FORM 337 THIS DATE. COMPLETED LANDING GEAR RETRACTION & EMERGENCY EXTENSION CHECKS.. INSTALLED EXHAUST PIPE FAIRING SEE FORM 337 THIS DATE. SERVICED BATTERY, BRAKE RESERVOIRS & FUEL STAINERS, SERVICED INDUCTION AIR ELEMENT. REPL' PRESTOLITE STARTER WITH SKYTECH MODEL 149-NL PMA, PER LYCOMING S.I. 1154. SEE W & B THIS DATE. SEE A.D. LIST THIS DATE FOR COMPLIANCE. Ernest Benker 3472700 AIP</p>				
SEPT 3, 2010				I certify this AIRCRAFT has been inspected in accordance with ANNUAL inspection and is found to be in AIRWORTHY condition at this time. RUSSELL W. JACKSON
TACH: 5350.4				
ITAF: 5350.4				
				<i>[Signature]</i> AD42939157691A
20 NOV 10	5353.5		5353.5	REMOVED HYDRAULIC POWER PACK PART # 1059320
	UNIT FROM QUALITY AIRCRAFT ACCESSORIES INVOICE 111874			SERIAL # AH-8121, INSTALLED NEW POWER PACK PART # 1059320
				SERIAL # AH-12149, OPERATIONAL AND LEAK CHECK GOOD IN ACCORDANCE WITH CESSNA SERVICE MANUAL.
				Ernest Benker AIP 3472700
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	5356.7		5356.	TOTALS brought forward from previous page
12/09/10	5356.1		5356.1	REMOVED ORIGINAL CESSNA STINGER TAIL CONE. INSTALLED "SOBCHUCK" TAIL CONE IN ACCORDANCE WITH "MAPLE LEAF AVIATION LTD" INSTRUCTIONS. CYCLED FLIGHT CONTROLS - OPS CHECK GOOD. UPDATED AIRCRAFT WEIGHT AND BALANCE IN PILOTS OPERATING HANDBOOK (POH) AND MAINTENANCE RECORDS. PLACED INSTRUCTIONS FOR CONTINUED AIRWORTHINESS IN POH AND MAINTENANCE RECORDS WITH 337 IN BACK. Ernest Benker AIP 3472700

MAINTENANCE RECORD

Date:	December 28, 2010	Page 1 of 1 Pages	Reg. No	N52578	
Aircraft:	177RG	Serial#:	177RG1207	Total Time	5356.7

The below listed items were accomplished in accordance with the Cessna 177RG Series Service Manual and other approved or acceptable data as applicable.

Work Order AG-10-10838:

[2700] Installed new auto pilot STEC-30 with roll steering per STC SA09296AC-D dated 11-05-1997.

Installed

- | Name | P/N | S/N |
|--------------------------------|--------------|--------------------------|
| • Turn Coordinator | 01260-1-0-14 | 01260-1044-07014D |
| • Roll Servo | 0105-R2 | 00105-1044-24406-CEFGJ |
| • Pitch Servo | 0107-P5 | 00107-1044-19429-CDEFGJK |
| • Pitch Computer | 01261-3-14 | 01261-1044-06835A |
| • Absolute Pressure Transducer | 0111 | 00111-1041-42135AA |
| • GPSS Remote Interface | 03976 | 03976-1044-11096-E/A |
| • GPSS Remote Switch | 03975 | 03975-1033-06598 |

Removed

- | | | |
|-------------------------------|------------------|----------|
| • Turn and Bank Coordinator | 1394T100-3 (7RZ) | 9011-156 |
| • Auto Pilot Computer CA-395A | 42660-1201 | 6062 |
| • Roll Actuator PA-295B | 43615-1004 | 3155 |

[2701] Installed new 2 each transistors p/n: 2N3055A in instrument back lighting.

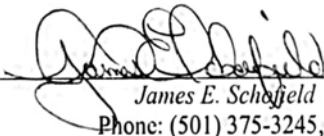
[001] Installed new brake line fabricated from aluminum 5052-0 3/16X.035 tubing under pilots floor board.

Note* Owner Operator removed and installed interior.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202


James E. Schofield
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

SUB-TOTALS this page

TOTALS—Carry forward to next page

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type _____
 Aircraft Serial No. _____
 Aircraft Registration ("N") No. _____
If Engine or Propeller log insert:
 Engine or Propeller Model _____
 Engine or Propeller Serial No. _____

Insert Page No. _____

Page No. **34**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
27 JAN 2011	5359.9		5359.9	REMOVED AIRCRAFT BATTERY. INSTALLED NEW CONCORD RG-35AXC BATTERY IN ACCORDANCE WITH CESSNA SERVICE MANUAL. OPS CHECK GOOD. VINCENT COMMINS, OWNER/PILOT <i>Vincent Commins</i> 3199981
DATE 10-05-11 N52578 CESSNA C177R 177RG1207 TACH 5440.0 T.T. 5440.0 PERFORMED 100 HOUR I/A/W CESSNA 177R SERVICE MANUAL. COMPLETED LANDING GEAR RETRACTION & EMERGENCY EXTENSION CHECKS. LUBED ALL WHEEL BEARINGS, LANDING GEAR ASSY & FLIGHT CONTROLS. REPL' MAIN WHEEL BEARING LM29749 & LM29710 CUPS.. REPL' N/L/G LM67048 BEARING & LM67010 CUP. SERVICED BRAKE FLUID RESERVOIRS, HYDRALIC POWER-PAK & FUEL STRAINER. WASH, RAN & INSPECTED FOR LEAKS. SEE A.D. LIST THIS DATE FOR COMPLIANCE. Ernest Barker ATP 3472700				
05 JAN 2011				I certify this aircraft has been inspected in accordance with ADP 001 inspection and is found to be in AIRWORTHY condition at this time <i>Ernest Barker</i> ADP00139576A1A
06 JAN 2012	HOBBS 5455.5			REMOVE ELECTRONICS INTERNATIONAL SR-8A ENGINE MONITOR. INSTALLED INSIGHT G3 GEM G10C-001 ENGINE MONITOR SERIAL # 1218 AND ASSOCIATED SENSORS. RAN ENGINE FOR OPS AND LEAK CHECK. OPS AND LEAK CHECK (WEIGHABLE) GOOD. NO CHANGE TO WEIGHT AND BALANCE. STC # SA0273401 POSITION IN BACK OF MAINTENANCE RECORDS WITH FORM 337. FLIGHT MANUAL SUPPLEMENT ADDED TO THE PILOTS OPERATING HANDBOOK. <i>Ernest Barker</i> ADP2310711A

AIRCRAFT SN: 177RG-1207

REG: N52578

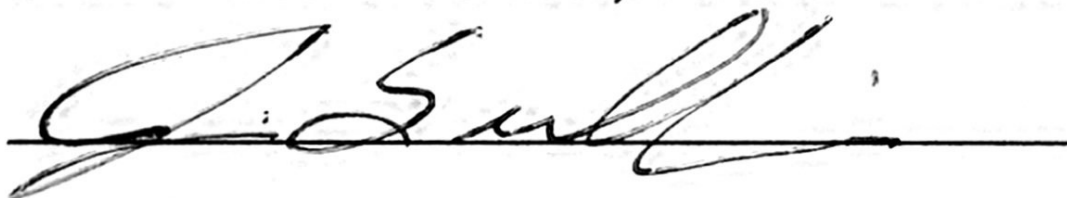
AC TYPE: CESSNA

TOTAL TIME: 5476.5

- Removed glare shield ,recovered in black vinyl and reinstalled.
- Weight & Balance was not affected by this refurbishment.

A record of this Work scope is on file under Aviation Interior Services Inc. Work Order # 413

Aviation Interior Services, Inc. CRS# 1ANR029B



Authorized Signature

3598107

Certificate #

3/30/2012

Date

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type _____
 Aircraft Serial No. _____
 Aircraft Registration ("N") No. _____
If Engine or Propeller log insert:
 Engine or Propeller Model _____
 Engine or Propeller Serial No. _____

Insert Page No. _____

Page No. 36

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			40745	TOTALS brought forward from previous page
				REMOVED ELT BATTERY. REPLACED INSTALLED ELT BATTERY
				PART# BP-1020, ELT OPS CHECK GOOD. NOT TRANSMITTING
8 MAY 2012			5480.1	IN "ARMED" POSITION. BATTERY CHANGE DUE AUG 2014.
				NEWLY CERTIFIED, UNLICENSED / OWNER/PILOT 3199981
<p><u>FLYING CAVIATION</u> 501-207-2301 AVIATION SERVICES 501-207-3427 Date: 10/18/12 N52578 Tach: 5513.9 Hobbs: 5520.3 Cessna 177R S/N 177RG1207 TT:5513.9</p>				
<p>Performed 100 hr inspection IAW Cessna 177R service manual. Completed landing gear retraction and extension checks, and emergency extension checks. Replaced both main landing gear tires, repacked all wheel bearings. Inspected brakes and serviced, brake fluid reservoir, and hydraulic power pack reservoir. Lubed all pulleys and cables as required. Complied with Cessna service bulletin SEB-27-01. This aircraft is under group B. Installed new MS35265-48 screw in co pilots yoke and safety wired. Complied with AD 2011-10-09 seat tracks and pins by inspection. ELT checked IAW FAR 91.207(d) ops check good. Battery due Aug 2014. All AD's checked through today's date. I certify this aircraft has been inspected IAW a 100 hr inspection and found to be in airworthy condition at this time.</p>				
<p>Paul Maglothin A&P 3549117 IA <i>Paul Maglothin</i></p>				
<p><u>FLYING CAVIATION</u> 501-207-2301 AVIATION SERVICES 501-207-3427</p>				
<p>10/18/12 N52578 Tach: 5513.9 Hobbs: 5520.3 Cessna 177R S/N 177RG1207 TT:5513.9</p>				
<p>I certify this aircraft has been inspected IAW and annual inspection and found to be in airworthy condition at this time.</p>				
<p>Paul Maglothin A&P3549117 IA <i>Paul Maglothin</i></p>				
				REMOVED AND REPLACED 4 ENGINE LOGS MOUNTS
25 OCT 2012			5521.2	INSTALLED PART NUMBER J-9613-59 AT ALL POSITIONS
				Paul Maglothin A&P 3549117 IA

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type _____
 Aircraft Serial No. _____
 Aircraft Registration ("N") No. _____
If Engine or Propeller log insert:
 Engine or Propeller Model _____
 Engine or Propeller Serial No. _____

Insert Page No. _____

Page No. 37

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	HOURS TAPE OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12 NOV 2013	5572.8		5572.8	PERFORMED 100 HR INSPECTION IAW CESSNA 1776 SERVICE MANUAL DATED 1 OCT 75, CHANGE 4 2 OCT 75. COMPLETED LANDING GEAR RETRACTION, EXTENSION AND EMERGENCY EXTENSION CHECKS, REPLACED ALL WHEEL BEARINGS, SERVICED BRAKE FLUID AND HYDRAULIC POWER PACK RESERVOIRS. LUBRICATED ALL PULLEYS AND FLIGHT CONTROLS AS REQUIRED. REPLACED BOTH VACUUM FILTERS WITH RANCO PART NUMBERS RA109-18-1 AND RA103-5-1. ELT CHECKED IAW FAR 91.207(D), OPS CHECK GOOD, BATTERY DUE AUG 2014. COMPLETED WITH AD AD 2011-10-09 SEAT TRACKS AND DINS - BY INSPECTION. ALL ADS CHECKED THROUGH TODAY'S DATE. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW A 100 HR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME. Paul Magallon AIP 354917 ASSISTED BY VINCE GOMMUT OWNER/PILOT
24 Aug 2014	5598.9		5598.9	REMOVED OLD ELT BATTERY. INSTALLED NEW ELT BATTERY PW 1020 IAW CESSNA 1776 SERVICE MANUAL CH 4 DATED 2 OCT 92 PG 16-38. OPERATIONAL CHECK GOOD IAW PGS 16-36 AND 16-38. VINCE GOMMUT A/P 319981 NEW BATTERY DUE SEP 2016.

FAA Form 8130-3 (02-14)

Insert Page No.
 Aircraft Type
 Aircraft Serial No.
 Aircraft Registration (N) No.
 # Engine or Propeller log insert:
 Engine or Propeller Model
 Engine or Propeller Serial No.

Insert Page No.
 Aircraft Type
 Aircraft Serial No.
 Aircraft Registration (N) No.
 # Engine or Propeller log insert:
 Engine or Propeller Model
 Engine or Propeller Serial No.

DATE	TIME IN SERVICE	TOTAL TIME ON ENGINE	HOURS OF REPAIRING METED TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
6 Feb 2014			5616.0	INSTALLED SOBCHUK RAM AIR SCOOP PART# RAI C177 SERIAL # RS/W-005 OVER INDUCTION FILTER (TO RECOVER LOST MANIFOLD PRESSURE) IAW SOBCHUK INSTRUCTIONS. ENGINE <u>WILL NOT</u> BE OPERATED WITH MANIFOLD PRESSURE HIGHER THAN AMBIENT. <i>Vincent</i> AIP 319981 VINCENT COMMINS
				IN FLIGHT CHECK CONFIRMS MANIFOLD PRESSURE DOES NOT EXCEED AMBIENT PRESSURE UP TO 10,000 FT. <i>Vincent</i>
13 Dec 2014	5619.2		5619.2	PERFORMED A 100HR INSPECTION IAW CESSNA 177RG SERVICE MANUAL DATED 1 OCT 75, CH 4 2 OCT 95. COMPLETED LANDING GEAR RETRACTIONS, EXTENSION AND DIMER EXTENSION CHECKS, REPAIRED ALL WHEEL BEARINGS, SERVICED BRAKE FLUID AND HYDRAULIC POWER PACK RESERVOIRS. LUBRICATED ALL PULLEYS AND CABLES AS REQUIRED. REPLACED BOTH STABILATOR BEARINGS WITH PART NUMBER MS276411-6. ETC CHECKED IAW FAR 91-207(D), OPS CHECK GOOD, BATTERY DUE SEPT 2016. COMPLIED WITH AD 2011-10-09 (SEAT TRACKS), NO DEFECT NOTED. ALL AD'S CURRENT THROUGH TOWERS DATA I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW A 100HR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME. VINCENT COMMINS <i>Vincent</i> AIP 319981
				I certify this aircraft has been inspected IAW an Annual inspection and found to be Airworthy at this time. Paul Mastelloni AIP 3549117 IA

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type _____

Aircraft Serial No. _____

Aircraft Registration ("N") No. _____

If Engine or Propeller log insert:

Engine or Propeller Model _____

Engine or Propeller Serial No. _____

Insert Page No. _____

Page No. 39

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	HOURS EACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	5619.2		5619.2	TOTALS brought forward from previous page
1 Jun 2016	5658.3		5658.3	PERFORMED A 100-HR INSPECTION IAW CESSNA 172RG SERVICE MANUAL PART 1 OCT 75, CH 4 2 OCT 95. COMPLETED LANDING GEAR RETRACTION AND EMERGENCY EXTENSION CHECKS. REPACKED ALL WHEEL BEARINGS, SERVICED BRAKE FLUID AND HYDRAULIC POWER-PAK RESERVOIRS. LUBRICATED ALL PULLEYS AND CABLES AS REQUIRED. ELT CHECKED IAW FAR 91-207 (d) OPS CHECK GOOD, BATTERY AUE SEPT 2016. COMPLIANT WITH AD 2011-10-09 (SEAT TRACKS), NO DEFECT NOTED, COMPLIANT WITH CESSNA SEL 57-03 (SPAR CAP INSPECTION), NO DEFECT NOTED. REMOVED 4509 LANDING LIGHT WITH MAINTPK 4509. ALL ADS CURRENT THROUGH THIS DATE. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW A 100-HR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME. Vincent Gemmiti A/P 3199981
1 Jun 2016	5658.3		5658.3	I certify this aircraft has been inspected I.A.W. an Annual Inspection and found to be airworthy at this time. Paul Magelto A/P 3549117 I.R.
19 Jun 2016	5663.7		5663.7	REMOVED LANDING AND TAXI LIGHTS. INSTALLED WHEELS P36PIL LANDING AND P36PIT TAXI LIGHTS IAW CESSNA 172RG SERVICE MANUAL AND WHEEL INSTALLATION INSTRUCTIONS. APPROVED UNDER PMA # PQ 0610NE, APPROVED MODEL LIST AML-140212 REV 4. OPS CHECK GOOD Vincent Gemmiti A/P 3199981

Logbook insert page

Enter in all applicable information to be inserted in
 Aircraft Type
 Aircraft Serial No.
 Aircraft Registration ("N") No.
 Engine No.
 Propeller No.
 Engine or Propeller Serial No.

Aircraft Type
 Aircraft Serial No.
 Aircraft Registration ("N") No.
If Engine or Propeller log insert:
 Engine or Propeller Model
 Engine or Propeller Serial No.

Insert Page No.

Page No. 40

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	SECTION RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			5681.4	TOTALS brought forward from previous page
25 SEP 2016	5681.4		5681.4	REMOVED BOTH MLG TIRE TUBES, INSTALLED TWO NEW LEAK-PROOF 15/600-6 TUBES. REINSTALLED MLG TIRES IN OPPOSITE DIRECTION FOR WEAR. CLEANED, INSPECTED, GREASED MLG WHEEL BEARINGS. ALL WORK DONE IAW CESSNA 177RG SERVICE MANUAL CH4 VINCENT COMMINT A/P 3199981 DATED 20 OCT 1995. <i>[Signature]</i>
16 OCT 2016	5688.3		5688.3	REMOVED OLD ELT BATTERY, INSTALLED NEW MERL BP-1020 ELT BATTERY. ELT OPS CHECK GOOD, NOT TRANSMITTING IN "ARMED" POSITION. NEXT BATTERY CHANGE DUE NOV 2018. VINCENT COMMINT A/P 3199981 <i>[Signature]</i>
18 FEB 2017	5696.5		5696.5	PERFORMED A 100HR INSPECTION IAW CESSNA 177RG SERVICE MANUAL DATED 1 OCT 75, CH4 (2 OCT 95). COMPLETED LANDING GEAR RETRACTION AND EMERGENCY EXTENSION CHECKS. REPAIRED WHEEL BEARINGS, SERVICED 11V0 RESERVOIR. LUBRICATED PULLEYS AND CABLES AS REQUIRED. ELT CHECKED IAW FAR 91-207(D) OPS CHECK GOOD, BATTERY DUE NOV 2018. COMPLIANT WITH AD 2011-10-09 (SEAT BELTS) NO DEFECT NOTED. COMPLIANT WITH CESSNA SER 57057-03 (SPAR CAP INSPECTION) NO DEFECT NOTED. ALL ADs CURRENT THROUGH THIS DATE. INSTALLED ENHANCED FLIGHT BM-AIK2 AIRFRAME INTERFACE KIT FOR BATTERY MINOR MAINTENANCE CHANGE IAW ENHANCED FLIGHT INSTRUCTIONS AND 14CFR 11 AND 21.93(A). I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW A 100HR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME. VINCENT COMMINT A/P 3199981 <i>[Signature]</i>
				I certify this Aircraft has been inspected IAW an Annual Inspection and Found to be Airworthy at this time. <i>Paul Magister</i> AIP 3549117 IA

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Processing Number 411928	
4. Organization Name and Address: Aerospace Turbine Rotables Inc. 1919 E. Northern St Wichita, KS 67216-2430 US Ph: (316) 943-6100, Fax: (316) 943-2917 FAA Approval Holder: NV2R045L				5. Work Order, Contract or Invoice Number WO143959		
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number	11. Status/Work	
1	Hydraulic Power Pack	105932-E	1.00	36515	OVERHAULED	
12. REMARKS Overhauled and certified IAW the documents listed. Full details of work performed held on work order.			Manuals Used: Manual ID: PRESTOLITE OE-A1, Type: AM, Rev: 0, Rev Date: 2/2/1982, Manual ID: PP-322, Type: OHI, Rev: 0, Rev Date: 2/2/1982			
6 NOV 2019						
"Certifies that the work specified in Block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 approval number EASA.145.4033."						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.			
13b. Authorized Signature:	13c. Approval Authorization No:	14b. Authorized Signature: <i>Wally Bell</i>		14c. Approval/Certificate No: NV2R045L		
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yy):	14d. Name (Typed or Printed): Wally Bell		14e. Date (dd/mmm/yyyy): 04/Sep/2019		
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a 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.						

Enter all applicable information
 to be inserted in
 Aircraft No.
 Engine No.
 Propeller No.
 Address No.

Aircraft Type
 Aircraft Serial No.
 Aircraft Registration ("N") No.
Engine or Propeller log insert:
 Engine or Propeller Model
 Engine or Propeller Serial No.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
19 APR 2019	5724.9		5739.9	I certify this aircraft has been inspected IAW an annual inspection and found to be in airworthy condition at this time Paul Magelton AIP 3549117 IA
6 NOV 2019	5750.8		5750.8	REMOVED HYDRAULIC POWER PAK FOR INTERNAL LEAKS, INSTALLED OVERHAULED POWER PAK PART# 105932 SW 36515. REPLACED ALL O-RINGS IN MAIN AND NOSE LANDING GEAR ACTUATORS. JACKED AIRCRAFT AND SWUNG GEAR FIVE TIMES, NO DEFECTS, OHS CHECK GOOD. ALL WORK DONE IN ACCORDANCE WITH CESSNA SERVICE MANUAL DATED 100275, CHG 4 (2 OCT 95). VINCE GEMMILL AIP 3194181
25 APR 2020	5762.2		5762.2	NEW CESSNA RC-35AXC BATTERY INSTALLED. PERFORMED A 100HR INSPECTION IAW CESSNA SERVICE MANUAL DATED 100275, CH4, REV11. COMPLETED LANDING GEAR RETRACTION AND EMERGENCY EXTENSION CHECKS, INSPECTED AND LUBRICATED WHEEL BEARINGS, LUBRICATION CABLES AND PULLEYS AS REQUIRED. ELI TESTED IAW 91.207(A) CAS CHECK GOOD, BATTING NLS & DEC 2020. COMPLETED WITH AD 2011-10-07 (SEAT PANS) NO DEF. IS COMPLIANT WITH CESSNA SEL 57-03 AND 57-09, NO DEFECT NOTED. ALL AD CURRENT THROUGH THIS DATE. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW A 100HR INSPECTION AND FOUND TO BE AIRWORTHY AT THIS TIME. VINCENT GEMMILL AIP 3194181
25 APR 2020	5762.2		5762.2	I certify this aircraft has been inspected IAW an annual inspection and found to be in airworthy condition Paul Magelton AIP 3549117 IA.

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type _____

Aircraft Serial No. _____

Aircraft Registration ("N") No. _____

If Engine or Propeller log insert:

Engine or Propeller Model _____

Engine or Propeller Serial No. _____

Insert Page No _____

Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				

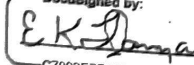
Aviation Plus Services LLC
262-656-1260
Aviationplusllc.com

01/18/2021 N52578 Tach 5746

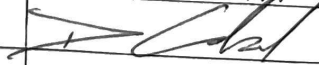
Repaired engine mount center support bracket by welding crack and adding a doubler. Work done in accordance with AC43.13-1A Chpt 4 Section 5 welding.


Robert Russell 3411885IA

02/10/2021 N52587 CESSNA 177RG SERIAL # 177RG1207 TACH: 5746.3
TRANSPONDER DUE MARCH 2021 ELT BATTERY DUE MARCH 2023, FUNCTION OK.
AIRCRAFT OPENED FOR INSPECTION IAW CESSNA MAINTENANCE MANUAL AND PART 43. THE FOLLOWING REPAIRS DONE IAW THE MANUAL AND PART 43.
BRAKE HOSES HAD BEEN REPLACE WITH SOLID LINES, LINES REMOVED AND REPLACED WITH RUBBER HOSES PER CESSNA PARTS MANUAL. SB97.7 COMPLIED WITH BY FABRICATING AND INSTALLING A GROUND WIRE FOR THE HEATED STALL WARNING VANE. ENGINE MOUNT CENTER SUPPORT BRACKET REMOVED AND REPAIRED BY AVIATION PLUS SERVICES LLC DUE TO CRACK, BRACKET REINSTALLED. NOSE GEAR TOP STRUT BOLT AND NUT REPLACE WITH NEW HARDWARE. STABILATOR REMOVED, CO-PILOT BUSHING AND BOLT REPLACED WITH FACTORY NEW PARTS AND STABILATOR REINSTALLED. STABILATOR COUNTERWEIGHT BOLTS REPLACED. BATTERY BOX REMOVED TO CLEAN AND ZINC CHROMATE CORROSION ON BELLY SKIN, BATTERY DRAIN TUBE REPLACED. PILOT SEAT REMOVED DISSASSEMBLED AND ARTICULATING MECHANISM REPAIRED, SEAT REASSEMBLED AND REINSTALLED. TWO RIVETS ON TOP ENGINE REMOVED DUE TO BEING LOOSE, NEW RIVETS INSTALLED. PAINT ON STABILATOR LEFT WING REPAIRED AND REPAINTED. AD'S CHECKED THROUGH TRITON AVIATION DATA AND ARE ALL CURRENT AT THIS TIME, AD 2011-10-09 (SEAT TRACK) CHECKED PER AD, DUE AT 5846.3. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND IS AIRWORTHY AT THIS TIME.

DocuSigned by:

C7903E7EA67CA29...

E.K. FLANIGAN AP3061803IA FOR KILO AVIATION LLC

02-23-21	HOBB5 5785.7	1668.0	5748.8	N52587 C177RG S/N 177RG1207
				Serviced 24 Brake system with MG-H-5606
				Iaw CESSNA 177 SERVICE MANUAL CH 2-9 & 5-59.
				 AP36173441A

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type

Aircraft Serial No.

Aircraft Registration ("N") No.

If Engine or Propeller log insert:

Engine or Propeller Model

Engine or Propeller Serial No.

Insert Page No.

Page No. 38

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	HOURS IN OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
6 OCT 2014			5616.0	<p>INSTALLED SOBCHUK RAM AIR SCOOP PART# RAE C177 SERIAL# RS/W-005 OVER INDUCTION FILTER (TO RECOVER LOST MANIFOLD PRESSURE) IAW SOBCHUK INSTRUCTIONS. ENGINE <u>WILL NOT</u> BE OPERATED WITH MANIFOLD PRESSURE HIGHER THAN AMBIENT. <i>[Signature]</i> A#P 3199981 VINCE GUMMITT</p> <p>IN FLIGHT CHECK CONFIRMS MANIFOLD PRESSURE DOES NOT EXCEED AMBIENT PRESSURE UP TO 10,000 FT. <i>[Signature]</i></p>
13 DEC 2014	5619.2		5619.2	<p>PERFORMED A 100HR INSPECTION IAW CESSNA 177RG SERVICE MANUAL DATED 1 OCT 75, CH 4 2 OCT 95. COMPLETED LANDING GEAR RETRACTION, EXTENSION AND OTHER EXTENSION CHECKS. REMARKED ALL WHEEL BEARINGS, SERVICED BRAKE FLUID AND HYDRAULIC POWER PACK RESERVOIRS. LUBRICATED ALL PULLEYS AND CABLES AS REQUIRED. REPLACED BOTH STABILATOR BEARINGS WITH PART NUMBER MS27641-6. ELT CHECKED IAW FAR 91-207(D), OPS CHECK GOOD, BATTERY DUE SEPT 2016. COMPLIED WITH AD 2011-10-09 (SEAT TRACKS), NO DEFECT NOTED. ALL AD'S CURRENT THROUGH TODAY'S DATE I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW A 100-HR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME. VINCENT GUMMITT <i>[Signature]</i> A#P 3199981</p> <p>I certify this aircraft has been inspected IAW an Annual inspection and found to be Airworthy at this time. Paul Mastretta A#P 3549117 IA</p>

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- A-frame log
- Engine log
- Propeller log
- Aviation log

Aircraft Type _____
 Aircraft Serial No. _____
 Aircraft Registration ("N") No. _____

If Engine or Propeller log insert:
 Engine or Propeller Model _____
 Engine or Propeller Serial No. _____

Insert Page No. _____

Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				


Aviation Plus Services LLC
 262-656-1260
 Aviationplusllc.com

01/18/2021 N52578 Tach 5746


Repaired engine mount center support bracket by welding crack and adding a doubler. Work done in accordance with AC 43 13-1A Chpt 4 Section 5 welding.


 Robert Russell 3411885IA

02/10/2021 N52587 CESSNA 177RG SERIAL # 177RG1207 TACH: 5746.3
 TRANSPONDER DUE MARCH 2021 ELT BATTERY DUE MARCH 2023, FUNCTION OK.
 AIRCRAFT OPENED FOR INSPECTION IAW CESSNA MAINTENANCE MANUAL AND PART 43. THE FOLLOWING REPAIRS DONE IAW THE MANUAL AND PART 43.
 BRAKE HOSES HAD BEEN REPLACE WITH SOLID LINES, LINES REMOVED AND REPLACED WITH RUBBER HOSES PER CESSNA PARTS MANUAL. SB97.7 COMPLIED WITH BY FABRICATING AND INSTALLING A GROUND WIRE FOR THE HEATED STALL WARNING VANE. ENGINE MOUNT CENTER SUPPORT BRACKET REMOVED AND REPAIRED BY AVIATION PLUS SERVICES LLC DUE TO CRACK, BRACKET REINSTALLED. NOSE GEAR TOP STRUT BOLT AND NUT REPLACE WITH NEW HARDWARE. STABILATOR REMOVED, CO-PILOLT BUSHING AND BOLT REPLACED WITH FACTORY NEW PARTS AND STABILATOR REINSTALLED. STABILATOR COUNTERWEIGHT BOLTS REPLACED. BATTERY BOX REMOVED TO CLEAN AND ZINC CHROMATE CORROSION ON BELLY SKIN, BATTERY DRAIN TUBE REPLACED. PILOT SEAT REMOVED DISSASSEMBLED AND ARTICULATING MECHANISM REPAIRED, SEAT REASSEMBLED AND REINSTALLED. TWO RIVETS ON TOP ENGINE REMOVED DUE TO BEING LOOSE, NEW RIVETS INSTALLED. PAINT ON STABILATOR LEFT WING REPAIRED AND REPAINTED. AD'S CHECKED THROUGH TRITON AVIATION DATA AND ARE ALL CURRENT AT THIS TIME, AD 2011-10-09 (SEAT TRACK) CHECKED PER AD, DUE AT 5846.3. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND IS AIRWORTHY AT THIS TIME.

DocuSigned by:

 C7903E7EA67CA29...

E.K. FLANIGAN AP3061803IA FOR KILO AVIATION LLC

02-23-21	HOBBS 5785.7	1668.0	5748.8	N52587 C177RG S/W 177RG1207
				SERVICED BY BRAKE SYSTEM WITH
				IAW CESSNA 177 SERVICES MANUAL CH 29
				
				AP 3061803IA

Logpac™ insert page

Fill in all applicable information


To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type Cessna C177
 Aircraft Serial No. 177RG-1207
 Aircraft Registration ("N") No. N52578
If Engine or Propeller log insert:
 Engine or Propeller Model _____
 Engine or Propeller Serial No. _____

Insert Page No. _____

Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
3/1/21			5757.8	Bleed brakes & serviced w/M-1 S606A. J. W. 3499627 A+P
 A/C: N52578 CESSNA 177RG S/N: 177RG1207 TACH: 5761.9 REMOVED S-TEC AUTOPILOT COMPUTER, SHIPPED TO FACTORY FOR REPAIR. REINSTALLED REPAIRED AUTOPILOT COMPUTER P/N 01260-1-0-14 S/N 01260-1044-07014D REMOVED DG P/N 1U262-005-20 AND INSTALLED OVERHAULED EXCHANGE DG P/N 1U262-005-20 S/N 8586G. The Maintenance described above was performed and inspected IAW current FAA regulations and is approved for return to service, with respect to the work performed. Details on file at this facility under work order N52578-032821. Signature: <i>[Signature]</i> 04/10/21 CRS: LIIR297K				
			N52578 9/10/2021 Tach: 5812.4	Replaced failed gear down sensor reed switch with Hamlin 59020-010 IAW AC 23-27, section 7(c)(3). Criteria of 2(a), 7(a), and 7(b) met. Safety considerations evaluated under 5(b). Performed gear retractions and extensions five times. Ops check satisfactory. <i>[Signature]</i> AIP 3205314
			11-17-21 Tach 5831.2	↳ Replaced brake pads A/n RA066-30026 Cleaned and lubed brake pins, caps Check good. - end - <i>[Signature]</i> AIP 3205314

Logbook insert page

Fill in all applicable information

to be completed by

Engine log

Propeller log

Engine log

Propeller log

Engine log

Aircraft Type

Aircraft Serial No.

Aircraft Registration (N) No.

Engine or Propeller log insert:

Engine or Propeller Model

Engine or Propeller Serial No.

Insert Page No.

Page No.

DATE	TIME IN FLIGHT	TOTAL TIME ON WING	TACH OR RPM COUNT	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				A/c N5257B CESSNA 177RG SN 177RG1207 TACH: 5835.
				4 total 5785.7
				REMOVED AND REPLACED RIGHT BRAKE CYLINDER AND SERVICE HYDRAULIC SYSTEM FOR BRAKES TAU MANUFACTURER SPEC'S.
				12/9/21
				ALVIN GASQUE AIP# 2723898
				N 5257B C-177RG SN: 177RG-1207 TACH = 5813.6
				Replaced master Solenoid with STS-M12 PN: 80T15628. operations check OK.
				J Purin AIP 3406015 10/14/21
				(next page)

Fill in all applicable information:

To be inserted in:

- ✓ Airframe log
- ✓ Engine log
- ✓ Propeller log
- ✓ Accessory log

Aircraft Type
 Aircraft Serial No.
 Aircraft Registration ("N") No.
R Engine or Propeller log insert:
 Engine or Propeller Model
 Engine or Propeller Serial No.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SHOWN ON LOG	TACH OR RECOVERING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4-8-22	5844.4		5844.4	<p>TOTALS brought forward from previous page</p> <p>487022 N52578 Cessna 177RG S/N 177RG1207 Tach 5844.4 Hobbs: 5785.7 AFTT: 5844.4</p> <p>Performed Annual Inspection IAW FAR 43 Appendix D</p> <ol style="list-style-type: none"> 1 Checked wheels and brakes. Greased wheel bearings. 2 Checked stall horn. 3 Checked and lubricated flight controls as required. 4 Performed gear retraction extension and emergency ext. Checked gear horn. Greased landing gear system. 5 Replaced stabilator bushings P/N 1712156-1. 6 Replaced right brake line P/N 200010-1. Replaced o-rings MS28775-110, MS28778-3, and MS28775-017. Bled brakes and leak checked. 7 Checked and cleaned fuel screens. 8 Tested FLT IAW 91.207(d), Battery due March 2023. 9 C/W 2011-10-09 seat rails by insp. Due again Tach: 5944.4 or next annual. 10 Ground run, taxi check satisfactory. <p>I certify that this airframe has been inspected IAW an Annual Inspection and was determined to be in an airworthy condition.</p> <p>Signature: <i>Michael R. Bley</i> AAP3205314IA 4/8/2022</p>

04-22-2022	Cessna 177RG	SN 177RG1207	Tach 5864.7	N52578	<p>Installed new Air Trac tire 15X6.00-6 with new Aero Classic inner tube. Cleaned and repacked bearings. Serviced with air and installed on aircraft.</p> <p>Signed <i>John J. [Signature]</i> Cert#AP2706321</p>
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5/15/2023	N52578	Cessna 177RG	S/N 177RG1207	Tach: 5907.6	AFTT: 5907.6	<p>Performed Annual Inspection IAW FAR 43 Appendix D</p> <ol style="list-style-type: none"> 1 R&R manifold pressure gauge for overhaul P/N 6333 H.38 S/N 161285. 2 R&R Garmin GNS530W for repair. S/N 23820818. 3 Installed overhauled prop governor C290D3-K/T12 S/N 771184. 4 R&R prop for overhaul at Sensenich B2D34C207-B S/N 742821. 5 Checked wheels and brakes. 6 Checked stall horn. 7 Checked and lubricated flight controls as required. 8 Performed gear retraction/extension and emergency ext. Checked gear horn. Greased landing gear system. 9 Checked and cleaned fuel screens. 10 Tested FLT IAW 91.207(d). Replaced battery BP-1020. Due June 2025. 11 Replaced garter filter ARB3-5-1. 12 Replaced cowl mount receptacle SK2003-14A. 13 Replaced fuel gascolator nut MCS1573-3 and gasket MC0756009-8. 14 C/W 2011-10-09 seat rails by insp. Due again Tach: 6007.6 or next annual. 15 Ground run, taxi check satisfactory. <p>I certify that this airframe has been inspected IAW an Annual Inspection and was determined to be in an airworthy condition.</p> <p>Signature: <i>Michael R. Bley</i> AAP3205314IA 5/15/2023</p>
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1. Approving Civil Aviation Authority/Country:
FAA/United States

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

3. Work Order Number: 19117
4. Work Order Contract/Task Order Number: 19117
5. Status/Work: OVERHAULED

4. Organization Name and Address:
Kelley Instruments, Inc. 4131 W. May St. Wichita, KS 67209
Repair Station OP2R065L

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:
1	Manifold/Fuel Pressure	6333 H.38	1	161285

12. Remarks:

Complete Tear Down, Cleaned, Calibrated, Assembled, Functional Tested & Certified

Final Tested and Certified Per Manual: 6100

13a. 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 12.

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.

13b. Authorized Signature:

13c. Approval/Authorization No.:

14b. Authorized Signature:
Nicholas K. Ellis

14c. Approval/Certificate No.:
OP2R065L

13d. Name (Typed or Printed):

13e. Date (dd/mmm/yyyy):

14d. Name (Typed or Printed):
Nicholas K. Ellis

14e. Date (dd/mmm/yyyy):
APR 26 2023

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.
When 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations to the user/installer before the aircraft may be flown.

Work Order

No. 153317
Date: 4/24/2023



Kelley Instruments, Inc.
4131 May
Wichita, KS 67209-2838
(316) 945-7171 * (800) 835-1054 * Fax (316) 945-7386

F.A.A. C.R.S OP2R065L

Part Name: Manifold/Fuel Pressure Part No. 6333 H.38 Serial No: 161285
Manufacturer: United Instruments, Inc. PO No: 52578 Customer: Chesapeake Sport Pilot
Customer Discrepancy:

Work Status Repair Overhaul & Cert F.T. & Cert Warranty

Preliminary Inspection: Inspector: Nicholas Ellis *NE*
Out Of Calibration

In-Process Inspection: Inspector: Nicholas Ellis *NE*
Dirty Mechanism - Needs Cleaned & Calibrated

Hidden Damage Inspection: Inspector: Nicholas Ellis *NE*
None

Work Performed: Inspector: Nicholas Ellis *NE*
Disassembled, Cleaned, Assembled, Calibrated, FT & Cert Per Manual 6100

Service Bulletins, Modifications:
N/A

Recorded Parts:

Qty Part Number Description

Final Inspection (Certificated Repairman): Nicholas K Ellis Final Inspection Date APR 26 2023

8130-3 Issued Yes No

Work Order
153317

1. Approving National Aviation Authority/County: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. System Tracking Ref. No. RMA 163134977
---	---	---

4. Organization: GARMIN International 1200 E 151st Olathe, KS 66062	Certificate No. G6XR582Y	5. Work Order Contract/Invoice Number: RMA 163134977
--	---------------------------------	--

6. Item: 1. GNS530W,Blk	7. Description:	8. Part Number: 011-01064-00	9. Quantity: 1	10. Serial Number: 23820818	11. Status/Work: REPAIRED
--------------------------------	-----------------	--	--------------------------	---------------------------------------	-------------------------------------

12 Remarks: Confirmed the return issue. Replaced Right rotary switch to correct return issue 1. Replaced Snapdomes to correct return issue 2. Updated software to the latest version. Aligned unit for optimum performance. Master cleared unit. Unit passes all tests and is operating within normal limits. Unit acquired satellites. OK to return to Service.

The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev- BD, Revision Date 9/27/2022.

Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view Garmin's web site at www.garmin.com for any update or product information.

13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in condition for safe operation
 Non-approved design data specified in block 12
N / A

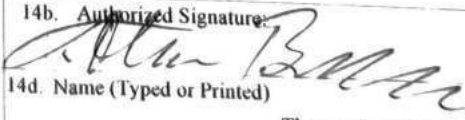
13b. Authorized Signature
N / A

13d. Name (Typed or Printed)
N / A

13c. Approval/Authorization No:
N / A

13e. Date (dd/mmm/yyyy)
N / A

14a. 14 CFR 43.9 Return to Service Other regulations specified in Block 12
 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 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.

14b. Authorized Signature:


14d. Name (Typed or Printed)
Thomas Baldwin

14c. Approval/Certificate No.:
G6XR582Y

14e. **03 Mar 2023**
Date (dd/mmm/yyyy)

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article
 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 aircraft engine(s)/article(s) from the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer before the aircraft may be flown
 Statements in Block 13a and 14a 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

AUTHORISED RELEASE CERTIFICATE

Certificat Libérateur Autorisé

EASA FORM 1

Formulaire 1 de l'EASA

1. Approving competent Authority/Country
Autorité Compétente/Pays
DIRECTION GENERALE DE
L'AVIATION CIVILE
FRANCE

2.

3. Form Tracking Number
N° de repère du Formulaire

22 / 114909 / NKE / N / B



4. Organisation Name and Address :
Nom et Adresse de l'Organisme :



MANUFACTURE FRANÇAISE DES PNEUMATIQUES MICHELIN

Place des Carmes Déchaux
63000 CLERMONT-FERRAND
FRANCE

5. Work Order / Contract / Invoice
Bon de commande / Contrat / Facture
2312T00017

6. Item / <i>Item</i>	7. Description / <i>Description</i>	8. Part No. / <i>N° de pièce</i>	9. Qty / <i>Qté</i>	10. Serial No. / <i>N° série</i>	11. Status / Work / <i>Etat / Travaux</i>
N/A	5.00-5/6/120	072-312-0 	1	2312T00017 	NEW

12. Remarks
Remarques

Norme(s): ETSOC62d, TSOC62e
ETSOC62d Approval Number: EASA.210.892, TSOC62e LODA Approval Number: TF/sn/8/14/2008-416

'This document has been issued according to an approved computer generated signature procedure'
'Ce document a été émis selon une procédure approuvée de signature électronique'

13a. Certifies that the items identified above were manufactured in conformity to :
Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux :

approved design data and are in a condition for safe operation
données de conception approuvées et sont en état de fonctionner en toute sécurité

non-approved design data specified in block 12
données de conception non approuvées spécifiées dans la case 12

14a. Part 145.A.50 Release to Service
Approbation pour remise en service
Selon Partie 145.A.50

Other regulation specified in block 12
Autre réglementation précisée en case 12

Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service.
Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la partie 145 et qu'au vu de ces travaux, les pièces sont considérées prêtes à la remise en service.

13b. Authorised Signature
Signature autorisée

13c. Approval/Authorisation Number
Numéro d'agrément/d'autorisation
FR.21G.0100

14b. Authorised Signature
Signature autorisée

14c. Certificate/Approval Ref. No
N° du Certificat/Agrément

13d. Name / *Nom*
UTAI Wised

13e. Date (dd mmm yyyy) / *Date (jj mmm aaaa)*
12 Nov 2022

14d. Name / *Nom*

14e. Date (dd mmm yyyy) / *Date (jj mmm aaaa)*

USER/INSTALLER RESPONSIBILITIES / *Responsabilités de l'utilisateur/Installateur*

This certificate does not automatically constitute authority to install the item(s)
Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s)

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1
Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1.

Statements in blocks 13a and 14a 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.

Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.

Fill in all applicable information

Aircraft Type _____

Inspection Page No. _____

Aircraft Serial No. _____

Aircraft Registration ("N") No. _____

If Engine or Propeller log insert:

Engine or Propeller Model _____

Engine or Propeller Serial No. _____

Page No. _____

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED—
				SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

AERO INDUSTRIES, INC
 5745 Huntsman Rd.
 Richmond Intl Airport, VA 23250-2411

Date - September 28, 2023
 Make - Cessna
 M/N - 177RG
 S/N - 177RG1207
 Reg # - N52578
 Total Time 5934.9

Enter in: airframe / eng / prop records

Complied with AD2023-02-17, amendment 39-22324, Paragraph (h) dated March 20, 2023, eddy current inspection of carry-thru spar lower cap kick area I/AW SEL-57-09R1, Step 7 dated Aug 3, 2020.
FOUND NO CORROSION OR CRACKS

Remaining actions of AD2023-02-17, step (i), application of protective coatings, is the responsibility of Chesapeake Sport Pilot.

The maintenance described above was inspected in accordance with current FAA regulations and the aircraft / component is approved for return to service, with respect to the work performed. Details of this inspection are on file at this repair facility under work order 72142, dated September 26, 2023

Certificate
 BIER466C

Signature Deborah Sue Werner
 Deborah Sue Werner
 Eddy current Level III

*Copy of this report was forwarded to FAA per reporting reqmts
 11/14/23 39.13 2. (k) Art Wall*

12/1/2023 N52578 Tach: 5935.0

1. C/W AD 2023-02-17 Carry-thru spar by eddy current inspection, IAW SEL-57-09R1. See previous log entry for eddy current. Applied zinc chromate and Cor-Ban after eddy current inspection.
2. Replaced overhead speaker P/N A52FC.
3. Replaced nose tire with new 5.00-5 6-ply.
4. Installed engine preheater supplied by owner.
5. R&R manifold pressure gauge for overhaul at Kelley Instruments, invoice #120802.

Yhoofa Bailey A#P 3205314

1/24/24 N52578 Tach: 5941.7

Replaced right main tire with Air Trac
 15x600-6 6 ply, tube with 15x600-6 XAIAE.
 Ops check ok. —
 Hannah Lagns A#P 3689545

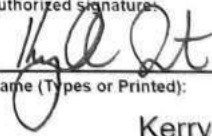
1. Approval Authority: Civil Aviation Authority Country: FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 000571113
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4. Organization Name and Address:  MidContinent® INSTRUMENTS+AVIONICS	9400 E. 34th Street N. Wichita KS 67226 FAA CRS OL2R061L	5. Work Order/Contract/Invoice Number: 000571113
---	--	---

6. Item:	7. Description:	8. Part number:	9. Quantity:	10. Serial number:	11. Status/Work:
1	Attitude Gyro	23-501-06-16 5000B-36	1	T36045J	Overhauled

12. Remarks:
THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.
ALL WORK WAS PERFORMED REF. MANUAL # 86M024 / Change No. 1 / 4 Nov 2010
 INCOMING MOD STATUS: N/A
 OUTGOING MOD STATUS: N/A

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to service <input type="checkbox"/> Other regulation specified in Block 12 <small>Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.</small>
---	---

13b. Authorized signature:	13c. Approval/Authorization No.:	14b. Authorized signature: 	14c. Approval/Certificate No.: FAA CRS OL2R061L
13d. Name (Types or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Types or Printed): Kerry Burt	14e. Date (dd/mmm/yyyy): 15/Jan/2024

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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 aircraft engine (s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by user/installer before the aircraft may be flown.



000571113



Final Work Order

8800 E 34th Street N.
Wichita KS 67226
USA

FAA CRS OL2R061L

Page 1 of 2

MANUFACTURER Attitude Gyro	SERIAL NUMBER T36045J	SALES ORDER NUMBER	AR NUMBER
MANUFACTURERS PART NUMBER 23-501-06-16	MODEL NUMBER 5000B-36	QUANTITY 1	
MANUFACTURER Sigma-Tek	CUSTOMER ITEM NUMBER	SERVICE PERIOD	
CUSTOMER	CUSTOMER PO NUMBER	CHARGES	

REASON FOR REMOVAL:

PRELIMINARY INSPECTION:

- SEALS BROKEN COVER DAMAGED NAMEPLATE DAMAGED CONNECTOR DAMAGED
- GLASS DAMAGED DIAL DISCOLORED AIR PORTS DAMAGED HIDDEN DAMAGE INSPECTION REQUIRED

INCOMING MOD STATUS: N/A

FINDINGS:

PRELIMINARY INSPECTOR: Christian L Ferris

DATE: December 5, 2023

FAILURE ANALYSIS:

DESCRIBE IN DETAIL:

Needs standard overhaul.

WORK & INSTRUCTIONS:

SPECIAL INSTRUCTIONS:

- NEW OVERHAUL MODIFIED
- WARRANTY REPAIR REPAIR WARRANTY OVERHAUL
- FUNCTIONAL TEST RETURN AS IS

INPUT: Air

PANEL TILT:

LIGHTING: N/A

WORK ACCOMPLISHED:

Disassembled, cleaned, inspected, and repaired as necessary using parts listed. Reassembled and inspected in accordance with manufacturers specifications. Unit is overhauled.

REF. MANUAL # 86M024 / Change No. 1 / 4 Nov 2010

OUTGOING MOD STATUS: N/A

TECHNICIAN:	Tony Duong	DATE:	January 12, 2024
SHOP INSPECTOR:	Christian L Ferris	DATE:	January 12, 2024
FINAL INSPECTOR:	Kerry Burt <i>[Signature]</i>	DATE:	January 15, 2024



9400 E. 34th Street N.
Wichita KS 67226



PARTS USED:

PART DESCRIPTION	QUANTITY
Rotor Edo Hg	1
Filter	1
Gasket, Bezel (Non-Flagged Units)	1
Bezel	1
23-501-06-16 Dial Kit	1
O-Ring, 0.070, 0.114 ID, EPDM	1
Bottom Plate, Assy	1
Gasket	1
Bearing, See Notes	2
Bearing, Ball, R6, Oil	1
Bearing, R4 used in NP & Repair	1
Bearing	2

000571113



Final Work Order

FAA CRS OL2R061L

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type _____
 Aircraft Serial No. _____
 Aircraft Registration ("N") No. _____
If Engine or Propeller log insert:
 Engine or Propeller Model _____
 Engine or Propeller Serial No. _____

Insert Page No. _____

Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 7649 11-March-2024 WO# 27897
 N52578 S/N 177RG1207 CESSNA 177RG

Pg 1 / 2

- The following equipment was removed: Davtron 903 DVOR, CI503 Splitter, CI1102 Splitter, KMA24 Audio Panel, PM1000111 ICS, KN62A DME, and KX155 Nav/Com. The following equipment was installed: ps Engineering PMA8000G Audio Panel, Garmin GNC215 Nav/Com with appropriate splitters, and Comant CI122 Com Antenna. All work was accomplished IAW AC43.13-1B/-2B Chapters 2 & 3, and GNC215 & PMA8000G Installation manuals utilizing manufacturer's supplied hardware. All wiring/cabling used for installation purposes meets or exceeds the following specifications: (M17/29, and/or M17/60) - coax; (M2759, M27500, and/or M81044) - wire. All circuit breakers used for installation purposes were of the Klaxon, Potter/Brumfield, and/or Mechanical Products variety. All of the above installed equipment was functionally tested and was found to perform its intended function with no adverse effects on other aircraft systems. Weight and Balance change recalculated. Equipment List revised.
 - FOUND LIGHTING WIRES GROUND TO DIMMER AND SHORTED TO GROUND. RING LIGHTS NOT INSTALLED IN MANNER TO FACILITATE FUTURE SERVICE. REWIRED RING LIGHTS AND REMOVED ALL SHORTS FROM SYSTEM. REPLACED TWO BLOWN TRANSISTORS. OPS CHECKED GOOD.
 - REPAIR HOBBS METER. FOUND OLD CLOCK WIRE CAPPED PREVENTING CONNECTION TO OIL PRESSURE SWITCH. CONNECTED WIRE TO OIL PRESSURE SWITCH. OPS CHECKED GOOD.
 - COM RECEIVER SENSITIVITY ISSUES. DURING CHECKOUTS, COM #2 HAS WEAK RECEIVER SENSITIVITY AND NOSIE INTERFERENCE. TROUBLESHOT PROBLEM TO BE CAUSE BY INSIGHT G3 INSTRUMENT S/N 01218 EMITTING NOISE ON LOWER VHF MHZ FREQUENCIES PARTICULARLY AROUND THE 122 MHZ RANGE. CONFIRMED PROBLME WITH JT @ INSIGHT AS BEING AN INTERNAL FAULT RELATED TO A SINGLE FREQUENCY OSCILLATOR OF OLD DESIGN (UNIT NEW IN 2009). RECONFIGURED BOTH COM'S TO TOP ANTENNAS LEAVING BOTTOM COM ANTENNA UNCONNECTED. THIS CONFIGURATION HAS LITTLE TO NO AFFECT TO THE DEFECTIVE G3 INSTRUMENT. PLAN IS TO HAVE G3 INSTRUMENT SHIPPED TO INSIGHT IN JUNE DURING ANNUAL INSPECTION FOR UPGRADE AND THEN RECONFIGURATION OF ANTENNAS WITH COM #2 CONNECTED TO BELLY COM ANTENNA. NO FURTHER ACTION TAKEN.
 - PERMANENTLY REMOVED DME AND DVOR. REFERENCE W&B REVISION.

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 7649 11-March-2024 WO# 27897
 N52578 S/N 177RG1207 CESSNA 177RG

Pg 2 / 2

- CORRECTED GTX345 WIRING. RELOCATED TCI ENDCODER AND REWIRED TO GTX345 TRANSPONDER. FOUND GTX345 INSTALLATION NOT IN COMPLIANCE WITH GARMIN STC. REPLACED RG58 COAX WITH RG400 AND CORRECTED WIRING AS NEEDED. GTX345 NOW IN COMPLIANCE WITH GARMIN STC #SA01714WI.
 - REPLACED DETERIORATED VACUUM LINES WITH NEW HOSES. OPS CHECKED GOOD.
 - FOUND GROUNDS STACKED IN A HIGH RESISTIVE CONFIGURATION. FABRICATED GROUND POINTS AND REGROUNDED SYSTEMS AS NEEDED. OPS CHECKED GOOD.
 - REMOVED 5000B-36 AI AND INSTALLED OVERHAUL/EXCHANGE 5000B-36 AI S/N T36045J. OPS CHECKED GOOD.
 - FOUND INSIGHT G3 NOT WIRED FOR RS232 GPS INPUT. INTERFACED AS NEEDED. IN COURSE OF WORK, SEVERAL WIRES PULLED FROM CRIMPED PINS. PINS FOUND CRIMPED WITH NON-APPROVED CRIMPER. REPLACED PINS AS NEEDED.
 - THIS MODEL AIRCRAFT IS SPEC'D TO HAVE A DUAL VOICE COIL SPEAKER INSTALLED; FOUND SINGLE VOICE COIL SPEAKER. DISCONNECTED AUDIO FROM AUDIO PANEL AND RETAINED AUDIO FOR GEAR ALERT. OPS CHECKED GOOD.
 - REPAIRED BROKEN DEFROST DUCT.
 - REPLACED CIGARETTE LIGHT WITH AUX POWER JACK. OPS CHECKED GOOD.
 - REWIRED HIGH VOLTAGE LAMP TO FACILITATE FUTURE PANEL REMOVAL AND SECURED TO INSTRUMENT PANEL. OPS CHECKED GOOD.
 - REWIRED PILOT YOKE DISCONNECT WITH A NEW CPC-9 CONNECTOR DUE TO WIRES BREAKING OFF OF OLD CONNECTOR. OPS CHECKED GOOD.
 - REPLACED P5001 CONNECTOR ON GNS530W AND REMOVED UNUSED WIRING TO GI106A AS NEEDED.
 - INSTALLED TYE WRAP MOUNTS AND SECURED WIRING TO PREVENT INTERFERENCE WITH FLIGHT CONTROLS.


 Todd Adams

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 09.17.24.02.51.58
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4. Organization Name and Address: Lamar Technologies, LLC 14900 40 th Ave. NE, Marysville, WA 98271	(PQ2242NM)	5. Work Order/Contract/Invoice Number: 1306
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1.	Voltage Regulator, 14V	DGR6-1	1 Ea.	81130601 thru 81130675	New

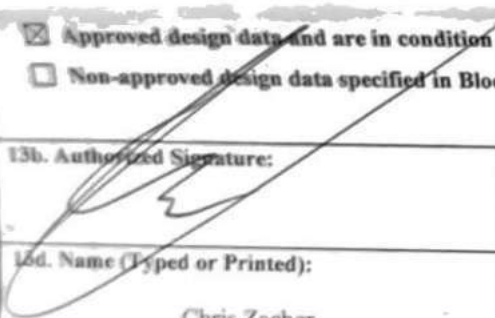
12. Remarks:
AIRWORTHINESS APPROVAL

13a. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in condition for safe operation.
 Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 12

Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 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.

13b. Authorized Signature: 	13c. Approval/Authorization No.: PQ2242NM	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): Chris Zacher	13e. Date (dd/mmm/yyyy): 17/Sep/2024	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a 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.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority: Country FAA/UNITED STATES	2		3. Form Tracking Number: 162897		
4. Organization Name and Address Aerotech of Louisville, Inc. 2209 Watterson Trail Louisville, KY 40299			5. Work Order, Contract, or Invoice Number: W/O: 162897		
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	FORD ALTERNATOR	DOFF10300J	1	S/N D122366	OVERHAULED
12. Remarks <p style="text-align: center;"> This item was OVERHAULED by Aerotech of Louisville, Inc. on W/O # 162897 Dated 28/FEB/2025 FAA Approved repair station number PU4R453M. OVERHAULED unit per overhaul manual SGA-1000 </p>					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation; <input type="checkbox"/> Non-approved design data specified in Block 12			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 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.		
* 13c. Authorized Signature		13c. Approval/Authorization No.	14b. Authorized Signature: 		14c. Approval/Certificate No: PU4R453M
* 13c. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): MIKE EVANS		14e. Date: (dd/mm/yyyy): 28/FEB/2025
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article..					
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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 13a and 14a 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.					

Aerotech of Louisville Inc.

2209 Watterson Trail

Louisville, KY 40299

FAA Certified Repair Station # PU4R453M

Ford SGA-1000 Alternator Maintenance Release

Model <u>14V 60A</u>	Part No. <u>DOFF10300J</u>	Serial No. <u>D122366</u>
Work Order No. <u>162897</u>	Technician <u>Pat Newland</u>	Date <u>28/FEB/2025</u>

This unit was disassembled, cleaned, inspected, reassembled, and tested in accordance with current manufacturer's overhaul manual specifications and in accordance with current F.A.A. regulations concerning this unit.

The Following Parts Have Been Replaced (All Other Parts Are Serviceable)

Qty.	Part#	Desc.	Qty.	Part#	Desc.	Qty.	Part#	Desc.
1	ES4118	BRUSH SET						
1	ES4113	RECTIFIER						
1	X-4612	DE BEARING						
1	X-4130	CE BEARING			MAJOR OVERHAUL			

In some instances F.A.A. approved P.M.A. parts are used other than the original manufacturer's

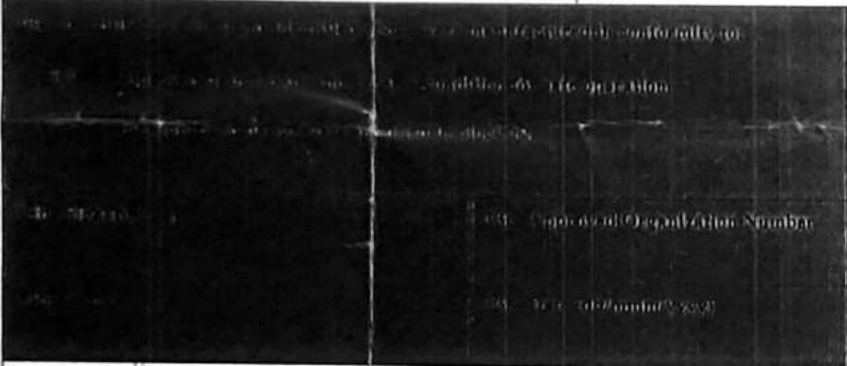
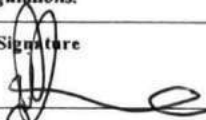
AD Notes

AD No.	Int.	Method of Compliance	AD No.	Int.	Method of Compliance

Service Bulletins Complied With

This unit is approved for return to service

Signature  Date 28/FEB/2025

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. (YYMMDD-XNN) 240528-122	
4. Organizations Name and Address INSIGHT INSTRUMENT CORPORATION 599 INDUSTRIAL DRIVE PORT ERIE, ONTARIO, CANADA L2A 5M1				5. Work Order/Contract/Invoice LANCASTER AVIONICS INC.		
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1	G3 Graphic Engine Monitor	610C-001	1	1218	REPAIR	
12. Remarks REPLACED BATTERY, MAP SENSOR AND HOSE. PERFORMED GEN C/N011 - SPADAB SPECTRUM MOD. ERASED PROCUTOR, LOADED V 3.28 SOFTWARE. RECALIBRATED AND CONFIGURED. TESTED AS PER C10 C-11A REV 4 RMI-63.						
				14a. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
				14b. Signature 		14c. Approved Organization Number 42-90
				14d. Name Don Bruege		14e. Date (dd/mmm/yyyy) 28 / MAY / 2024
(Previously form 24-0078)				Important: See notes		
Installer Responsibilities						
This certificate does not constitute authority to install.						
Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.						
Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type _____
 Aircraft Serial No. _____
 Aircraft Registration ("N") No. _____
If Engine or Propeller log insert:
 Engine or Propeller Model _____
 Engine or Propeller Serial No. _____

Insert Page No. _____

Page No. _____

DATE	TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
4/25/2025 N52578 Tach: 6055.0				
Replaced oil pressure gauge P/N 444678 with overhauled unit, S/N 250378. Swapped left and right tires per owner request. Replaced all brake pads. Ground run, taxi check satisfactory.				
<i>Hannah Legno ATP 3689545</i>				
5/29/2025 N52578 Tach: 6067.7				
Inspected baggage door, baggage door hinge, baggage door latch, strike plate, and lock. Function tested door, door lock, and applied pressure to inside of door. Door remained latched and locked. Checked area round baggage door, left side empennage, vertical fin, rudder, and stabilator for any signs of damage. No damage noted.				
<i>Michael W. Bailey ATP 3205314</i>				
N52578 6/25/2025 Tach: 6069.7 Hobbs: 5931.2				
1. Replaced ELT battery BP-1020. Tested ELT IAW FAR 91.207(d). Battery replacement due August 2027.				
2. Replaced forward nose gear door turnbuckle attachment hardware, including washer S1450-3-12-032, AN393-17, and grommet MS35489-34.				
3. Installed owner-supplied baggage door panel. Replaced baggage door joint ball S2104-1.				
<i>Michael W. Bailey ATP 3205314</i>				

Logpac™ insert page

Fill in all applicable information

To be inserted in:

- Airframe log
- Engine log
- Propeller log
- Avionics log

Aircraft Type

Aircraft Serial No.

Aircraft Registration ("N") No.

Is Engine or Propeller log insert:

Engine or Propeller Model

Engine or Propeller Serial No.

Insert Page No.

Page No.

TOTAL TIME	TOTAL TIME	TACH OR RECORDING	DESCRIPTION OF WORK PERFORMED— OF PERSON PERFORMING WORK																																																																																																														
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">1. Approving Civil Aviation Authority/Country FAA/United States</td> <td style="width: 50%; text-align: center;"> AUTHORIZED RELEASE CERTIFICATE <small>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</small> </td> <td style="width: 30%;">3. Form Tracking Number 9754488</td> </tr> <tr> <td colspan="2">4. Organization Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</td> <td>5. Work Order/Contract/Invoice Number 6276328</td> </tr> <tr> <td>6. Item 110</td> <td>7. Description BALL JOINT</td> <td>8. Part Number S2104-1</td> <td>9. Quantity 1</td> <td>10. Serial Number N/A</td> <td>11. Status/Work New</td> </tr> <tr> <td colspan="6">12. Remarks AUTHORIZED RELEASE DOCUMENT PO#: POP16379-AF</td> </tr> <tr> <td colspan="3">13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.</td> <td colspan="3">14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.</td> </tr> <tr> <td colspan="2">13b. Authorized Signature <i>Terry Weeks</i></td> <td>13c. Approval/Authorization No. PC4</td> <td>14b. Authorized Signature</td> <td colspan="2">14c. Approval/Certificate No.</td> </tr> <tr> <td colspan="2">13d. Name (Typed or Printed) TERRY WEEKS</td> <td>13e. Date (dd/mm/yyyy) 18/Jun/2025</td> <td>14d. Name (Typed or Printed):</td> <td colspan="2">14e. Date (dd/mm/yyyy):</td> </tr> <tr> <td colspan="6" style="text-align: center;">User/Installer Responsibilities</td> </tr> <tr> <td colspan="6"> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a 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.</p> <p><small>FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005</small></p> </td> </tr> <tr> <td colspan="6" style="text-align: center; height: 20px;"><i>Airframe</i></td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="3"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">1. Approving Civil Aviation Authority/Country FAA/United States</td> <td style="width: 50%; text-align: center;"> AUTHORIZED RELEASE CERTIFICATE <small>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</small> </td> <td style="width: 30%;">3. Form Tracking Number 9754488</td> </tr> <tr> <td colspan="2">4. Organization Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</td> <td>5. Work Order/Contract/Invoice Number 6276328</td> </tr> <tr> <td>6. Item 100</td> <td>7. Description WASHER</td> <td>8. Part Number S1450-3-12-032</td> <td>9. Quantity 1</td> <td>10. Serial Number N/A</td> <td>11. Status/Work New</td> </tr> <tr> <td colspan="6">12. Remarks AUTHORIZED RELEASE DOCUMENT PO#: POP16379-AF</td> </tr> <tr> <td colspan="3">13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.</td> <td colspan="3">14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. 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