N52878

The Standard

AIRCRAFT LOG

Book 2

Angelo A. Petropolis
2032 Town And Country Dr.
Sierra Vista, AZ 85635-4947

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER Cessna MODEL 177RG SERIAL 177RG1297

REGISTRATION NUMBER N52878 DATE MFG.

ENGINE(S) CURRENTLY INSTALLED.

MFG Cessna MODEL IO-360-A1B6D SERIAL L-17669-51A

MFG MODEL SERIAL

PROPELLER(S) CURRENTLY INSTALLED.

MFG McCauley MODEL B2D34C207

HUB MODEL ~~B2D34C207~~ 775632 SERIAL ~~775632~~ Blade B77653 SERIAL Blade B77686

BLADE MODEL 78TCA-0 SERIAL SERIAL SERIAL

BLADE MODEL SERIAL SERIAL SERIAL

Pitch L1 12.9° H1 27.5° Diameter 78"

The Standard AIRCRAFT LOG

DATE 19~~88~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	8/1/88			tach - 2163 HRS. TSMOH = 714 HRS.
				C/W AD 87-20-03 seats tracks rollersite
				C/W Bendix ignition switch check AD-76-7-12,
				Replaced nose gear down limit switch #
				2070029-1, Replaced all brake linings, re-
				placed both brake discs with chromed ones,
				replaced alternator brushes, replaced starter
				Bendix drive, drive shaft & front bushing. R&R
				# 3 cyl. due to low compression. Repaired
				alternate air door. Dressed & painted prop,
				replaced front nose gear door rubber bushing. Re-
				placed carb. air filter AM107635FP (C294510-0601).
				It is certified that this aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. Ted McCullen A-P1358298 AI

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
8/23/88			
8/23/88			

Aircraft
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make/mod
by Ba
for G.B. D

ONS ABER OF ENTRIES.)	DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4 HRS.	8/23/88				Aircraft Make Cessna Serial # 177RG1297 N 52878
allusite					Installed the following equipment in existing cutouts in accordance with FAR AC 43.13-1A, Chapter 11, Section 2, and manufacturers installation manual.
7-12,					King KT-76A
#					
ne-					Electrical Wiring fabricated and installed per FAR AC43.13-1A, Chapter 11, Section 3, 4, 5, 7, and manufacturers installation manual.
nes,					Aircraft electrical loading in accordance with FAR AC 43.13-1A, Chapter 11, Section 2, Aircraft equipped with a 60 amp. alternator.
tu					Functional tested the installation per FAR 23.1301 and 23.1431.
R&R					Magnetic compass calibration checked per FAR AC 43.13-1A, Chapter 16, Section 5.
ured					The equipment and/or components identified above were installed and inspected in accordance with the current Federal Air Regulations and were found airworthy for return to service. Pertinent detail of the repair work are on file at the agency under work order.
prop.					NO. 51316 DATE 8/23/88 SIGNED Brent J Hudeck
g. Re-					G.B. DuPONT CO., INC. FOR REPAIR STATION 3046
4510-0601)					DuPONT LAPEER AIRPORT, LAPEER, MI 48446 Airframe Class 1 & 3 Radio Class 1 & 2
	8/23/88				I certify that the transponder tests required by F.A.R. 91.172 & F.A.R. 43 Appx. (F) as prescribed in A.C. 43-6 Para. 6a 1-4 & Para. 9 have been complied with, make/model King KT76A by Brent J Hudeck date 8/23/88 for G.B. DuPont Co., Inc., RS3046, Lapeer, MI.
FI					

$200.00
Exchange

Superior Instrument Service, Inc.

6130 Highland Road
PONTIAC, MICHIGAN 48054

EDO Aire

Repair Sta. No. 3754 Class 1, 2, 3, & 4

Customer G.B. Dupont Co.

Inst. Attitude Gyro

Type 5000B-1 Serial 05515E

W.O. 19460 P.O. 3099

- [x] Overhaul
- [x] Serviceable
- [ ] Repair Only
- [ ] Estimate
- [x] Bench Test
- [ ] Unserviceable

Customer Instructions:
Gyro meets all mfg. specs on this date.

Record No. 22431

The Aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

W.O. No. 60882 Date 2-12-97

Signed [signature] Signature of Authorized Person

for

METRO AIRCRAFT INSTRUMENTS, INC.
Certificate No. JY2R943K
OAKLAND-PONTIAC AIRPORT
2135 Airport Rd.
Waterford, Michigan 48327

Mechanic [illegible]

Inspector [illegible]

The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 19768

Date 1-3-97

Released by [illegible] for

SUPERIOR INSTRUMENT SERVICE, INC.
Cert. No. 3754

6130 Highland Road Pontiac, Mich. 48054

SERVICEABLE

METRO AIRCRAFT INSTRUMENTS, INC.
2135 AIRPORT RD. • OAKLAND - PONTIAC AIRPORT
WATERFORD, MICHIGAN 48327 • 810-666-3670

INSTRUMENT DIVISION
F.A.A. Approved Instrument Repair Station No. JY2R943K

Unit Attitude Gyro
Mfg. Sigma Tek Model No. 5000B-36
S/N T57160R T.S.O. 0:00
P/N 23-501-06-16
Overhaul ☑ New ☐ Repair ☐ Functional Only ☐
Mech. Gregory Hooper Inspector RAS
Date 2-12-97
Customer STOCK

DATE 19 88	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/12	2222			Replaced attitude Gyro

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	E

Record No. 2431

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				The static pressure system and altimeter(s) were inspected and tested on ++++/++6+/+6+ to an altitude of +++20+++ thousand feet and found to comply with FAR 91.171. W.O. NUMBER 22672 SIGNATURE Timothy R. Powell MICHIGAN AVIATION CO 1-313-666-3440 NO.3042
				The ATC transponder was tested and inspected on 6/6/89 and found to comply with FAR 91.172. Automatic altitude reporting equipment was tested and calibrated on 6/6/89 in compliance of FAR 43, Appendix E, Paragraph (C). W.O. NUMBER 22672 SIGNATURE Timothy R. Powell MICHIGAN AVIATION CO 1-313-666-3440 NO. 3042

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-3-89		TR- 2347. HRS		ANNUAL INSPECTION
				AIRCRAFT HOISTED FOR RETRACTION
				CHECK - LUBRICATED GEAR SYSTEM
				CLEANED + PACKED WHEEL BEARINGS
				REPLACED LEFT BRAKE PADS - SERVICED
				BATTERY ELT GOOD TO FEB 90
				INSTALLED FUEL STRAINER CABLE KIT
	AD-	87-20-3	C/W	It is certified that this aircraft
		88-12-12	C/W	has been ... compliance
		84-26-2	C/W	with a ANNUAL inspection
				and ... found to be in air
				worthy condition. [signature]
14-89		HRS	2367.1	SHIMMED AND INSTALLED NEW
				PROP SPINNER
				William R Youngs
				A+P 363647124
-90				INSTALLED NEW ELT BATTERY
				EXPIRES 2-92
				William R Youngs
				A+P 363647124

DATE 7-10 1990	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF ENTRIES MUST BE ENDOR MECHANIC OR REPAIR FA
		TACH	2431.7	Hrs. Treat
		—	—	

DATE 7-10 1990	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
		TACH.	2431.7	Hrs. treated AIRCRAFT WITH ACF50

CORROSION BLOCK

TREATMENT CENTER Superior Aviation

7-10-90	3-92
TREATMENT DATE	NEXT TREATMENT DUE
2431.7	N52878
TACH TIME	AIRCRAFT SN OR N NUMBER

№ 3354

I certify that this aircraft has been treated with ACF-50 (Mil-C81309D) to prevent or arrest corrosion. Treatment is effective for 12-18 months, based on environmental conditions. It is recommended that the above be retreated at each annual, or when effectiveness ends – as determined by either time or visual inspection.

Ronald H Brokof — TECHNICIAN'S SIGNATURE

370384004 — A & P NUMBER

SIDE

SEE OTHER

Aircraft N52878

Owner Gary Huffman Hrs 2447

Serviceable Propeller

MAKE McCauley MODEL B2D34C207

New ☐ Overhauled ☒ Repaired ☐ Modified ☐

Serial No. Blades B77653 & B77686

Hub 775632 Blade Dwg. 78TCA-0

The Aircraft and or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work

Order No. 10358 Date 8-16-94

Signed Denny Schuler for

H & S PROPELLER SHOP, INC - Cert. No. MO5R050N

OAKLAND PONTIAC AIRPORT, PONTIAC, MICHIGAN 48054

DESCRIPTION OF WORK ACCOMPLISHED

OVERHAULED AND COMPLIED WITH ALL APPLICABLE AIRWORTHINESS DIRECTIVES AND McCAULEY S.B.

THROUGH A.D. NOTE 89-26-10

~~AND BULLETIN NO.~~ 183

Pitch Setting - HIGH 27.5

LOW 12.9

REVERSE

THIS FORM FOR LOG BOOK RECORD

DATE 19 90	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/16	2447			Prop Overhauled -0- Time
				AD 77-12-6 C/W 5 YEAR

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	EN ME
11-3-90	TR-	2464		Hr
	JACK AIRCRAFT			
	COOLING SYSTEM			C
	REPAIR NOSE COWL			
	BATTERY			INSPC
	INSTALLED STORED			
	AD. 87-20-3			
	AD 90-4-6			

D ALTERATIONS
TIFICATE NUMBER OF
R SPECIFIC ENTRIES.)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS. ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-3-90	TR-		2464 HRS	ANNUAL INSPECTION
				JACK AIRCRAFT FOR GEAR CHECK. LUBED
				GEAR SYSTEM. CLEANED & PACKED WHEEL BEARINGS.
				REPAIR NOSE GEAR DOOR HINGES. CLEAN & SERVICED
				BATTERY. INSPECT STABILIZER ATTACH & WEIGHT.
				INSTALLED STANDBY VACUUM SYSTEM
				AD-87-20-3 SEAT TRACK & STOPS C/W DUE 100 HR
				AD 90-4-6 INSPECTION GALLEON LINES DUE 100 HR
				It is certified that this aircraft [illegible] in accordance with a ANNUAL inspection and was determined to be in air worthy condition. Jud McCullar AD 558298

1

ALTIMETER CORRECTION SHEET

Customer Name: _____ Checked By: C.C. Date: 9-30-91

Unit Part #: 50348-1 Unit Serial #: 46616

TOLERANCES

Initial Altimeter Reading	790
Ending Altimeter Reading	
After Effect	
Case Leak @ 18,000 ft.	ok

Pressure (Hg)	Alt Diff (feet)	Pressure (Mb)	Alt Diff (feet)
28.10	-1105	950	
28.50	-1315	964	
29.00	-840	982	
29.50	-370	998	
29.92	-0-	1013	-0-
30.50	+540	1033	
30.90	+990	1047	
30.99	+980	1049	

SCALE ERROR TEST

Altitude Feet	Scale Error UP	Scale Error DOWN	Altitude Feet	Scale Error UP	Scale Error DOWN
-1000	0		10,000	-25	-5
0	0		12,000	-40	
500	0		14,000	-30	
1000	+5		16,000	-20	
1500	0		18,000	-30	
2000	-5		20,000	0	
3000	0		22,000		
4000	0		25,000		
6000	-10		30,000		
8000	-10	+25	35,000		

FRICTION TEST

Altitude Feet	Altimeter Reads	Altitude Feet	Altimeter Reads
1000	0	10,000	-50
2000	-20	16,000	-40
3000	-5	20,000	-30
6000	-30	25,000	

This altimeter has been tested and is certified for IFR use.

Technician [signature] Work Order #: 11133

for General Aviation Inc., Capital City Airport, Lansing, MI 48906
FAA CRS BCFR459D

SERVICEABLE

METRO AIRCRAFT INSTRUMENTS, INC.
2135 AIRPORT RD. • OAKLAND-PONTIAC AIRPORT
PONTIAC, MICH. 48054-1377 • 313-666-3670
INSTRUMENT DIVISION
F.A.A. Approved Instrument Repair Station No. 3027

Unit: Turn Coordinator 28VDC.
Mfg.: E.G.P. AKC Model No.: G-300A
Ser. No.: 42210-5 Part No.: 42320-0028
T.S.O.: 8:00
Overhaul ☒ New ☐ Repair ☐ Functional Only ☐
Mech.: G.Y. Inspector: DAS
Date: 2-26-91
Customer: Michigan

The Aircraft and/or Component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

W.O. No. 42806 Date 2-26-91

Signed Russell A. Schulte

Signature of Authorized Person

for

METRO AIRCRAFT INSTRUMENTS, INC.

Certificate No. 3027

OAKLAND-PONTIAC AIRPORT

[illegible] 35 Airport [illegible]

Pontiac, Mich[illegible]gan 48[illegible]054-1377

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

AUTOMATIC PRESSURE ALTITUDE REPORTING TESTED IN ACCORDANCE WITH FAR 91.411 AND FAR 43 APPENDIX E ON:
9-30-91 PILOTS ~~CO-PILOTS~~

SIGNATURE W.O.# 11133
FOR FAA APPROVED REPAIR STATION # ECFR459D
GENERAL AVIATION, INC., CAPITAL CITY AIRPORT
LANSING, MICHIGAN 48906

TRANSPONDER P/N KT76A, S/N 48091 WAS INSPECTED AND TESTED ON 9-30-91 AND IS IN COMPLIANCE WITH FAR 91.413 IN ACCORDANCE WITH FAR 43 (F).

SIGNATURE W.O.# 11133
FOR FAA REPAIR STATION ECFR459D GENERAL AVIATION, INC.
CAPITAL CITY AIRPORT, LANSING, MICHIGAN 48906

THE STATIC PRESSURE SYSTEM HAS BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH FAR 43, APT E, PARA B, SW 9-30-91 THE ALT
EEN TESTED AND INSPECTED
ACTS FAR 91.411 IN ACCORDANCE WITH FAR 43 APP E
PILOT'S ALTITUDE 205 EIN 44616 DATE 9-30-91
SIGNATURE
FOR REPAIR STATION ECFR459D GENERAL AVIATION, INC. LANSING, MI. # 11133

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE

AUTOMATIC PRESSURE ALTITUDE REP(
ACCORDANCE WITH FAR 91.411 AND FAR
10/24/91 PILOTS

SIGNATURE
FOR FAA APPROVED REPAIR STATION # E
GENERAL AVIATION, INC., CAPITAL CIT
LANSING, MICHIGAN 48906

The Aircraft and/or Component id
inspected in accordance with curr
tion Regulations and was found
Pertinent details of the repair are c

W.O. No. 44522

Signed
Signature of Author
for

METRO AIRCRAFT IN
Certificate N
OAKLAND-PONTI
2135 Airp
~~Pontiac,~~ Michigan

TERATIONS ATE NUMBER OF ECIFIC ENTRIES.)	DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
					AUTOMATIC PRESSURE ALTITUDE REPORTING TESTED IN ACCORDANCE WITH FAR 91.411 AND FAR 43 APPENDIX E ON: 10/24/91 PILOTS ~~CO-PILOTS~~ SIGNATURE WO# 11133 FOR FAA APPROVED REPAIR STATION # ECFR459D GENERAL AVIATION, INC., CAPITAL CITY AIRPORT LANSING, MICHIGAN 48906

THE STATIC PRESSURE SYSTEM HAS BEEN TESTED AND INSPECTED AND FOUND

The Aircraft and/or Component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

W.O. No. 44522 Date 10-14-91

Signed Russell A. Schulte

Signature of Authorized Person

for

METRO AIRCRAFT INSTRUMENTS, INC.

Certificate No. 3027

OAKLAND-PONTIAC AIRPORT

2135 Airport Rd.

~~Pontiac,~~ Michigan 48054-1377

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-27-92	TR		2588 Hrs	ANNUAL INSPECTION
		CHECKED		ALL CONTROLS & STRUCTURE. SERVICED
		BATTERY		+ BRAKES. AIRCRAFT JACKED &
		RETRACTION		TEST COMPLETED. SERVICED
		HYDRAULIC		RESERVOIR - CLEANED & LUBED
		WHEEL		BEARINGS. ROTATE LEFT MAIN
		TIRE -		INSTALLED NEW CYLINDER HEAD
		TEMP		GAGE & CALIBRATED WITH TEST BOX
		REPAIRED		NOSE DOOR HINGE INSPECT
		SEATS,		TRACKS & STOPS - ELT GOOD TO 2-92
			AD	87-20-3 C/W ON SEAT STOP & TRACK
				90-4-6 COUPLING LINE INSP C/W
		CHECK		MAG SWITCH SOB-91/SN18

This is certify that this aircraft has been inspected in accordance with a Annual inspection and was found to be in airworthy condition.

Fred McCullough
A1358298

DATE 19 92	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	D ENTRIES MECHAN
10/15	2590			Ben c
				meth
				requ
				Bull
				con
				1-19
				H
				w
				acc
				fil

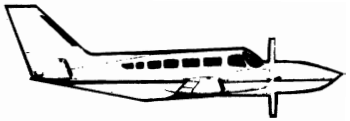
AND ALTERATIONS CERTIFICATE NUMBER OF OTHER SPECIFIC ENTRIES.)	DATE 19 92	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
ON	10/15	2590			Bendix /TCM ignition Switch inspection
SERVICED					method #1. Both Keys work OK – No further
CKED &					requirements needed according to Service
SERVICED					Bulletin (SEB 92-29) Tony attached from 37346-3008
ED & LUBED					Compliance completed on 10/15/92
& MAIN					
ON HEAD					1-18-93 Removed ARC RT-385A NAV/COM
ST BOX					Installed NARCO MK-12E Cessna Replacement
INSPECT					with supplied equipment being used and also
2-92					according to current FAR's. Pertinent Details on
& STOP & TRACK					file at Top Flight Avionics, INC. C.R.S. TFGR831K
INSP C/W					

I hereby authorize the following repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledge on this aircraft to secure the amount of repairs thereto.
We will not be held responsible for loss or damage to the aircraft or articles left in aircraft in case of fire, theft, or any other cause beyond our control.

CUSTOMER APPROVAL _____ DATE _____

McCLELLAN AIRCRAFT MAINTENANCE, INC.

Hangar No. 1 Bishop Airport
Flint, Michigan 48507 Phone (313) 767-3940



№ 14212

MATERIAL USED

QUAN	PART NUMBER AND DESCRIPTION	Price Each	Total Amount
1EA	1732003-6 SKIN		132 00
1EA	1732003-5 SKIN		132 00
2EA	1732024-1-791 TIP	169 00	338
6EA	CR4-2 RIVIT	1 00	6 00
2EA	CR5-4 RIVIT	1 10	2 20
	PAINT & MATERIALS		95 00
	PARTS BROUGHT FORWARD		
	TOTAL PARTS		

Name	Phone	DATE
GARY HUFFMAN		2-2-93
Address	City	CHANGE OIL ☐
Make & Model: C177-RG	Aircraft / Serial No.	CHANGE OIL FILTER CART ☐
Registration No.: 52878	Engine: HRS 2641	INSPECTIONS 50 HOUR ☐
		ANNUAL/100 HOUR PERIODIC INSP. ☐

SERVICE DESCRIPTION	Labor Charge
REPAIRED DAMAGED STABILATOR	
REPLACED UPPER + LOWER SKINS RH.	
REPLACED TIPS.	
STRIP REMAINING PAINT	
PAINT ENTIRE STABILIZER	
BALANCE STABILIZER PER CESSNA S.M.	

QUAN	OUTSIDE WORK	TOTAL
	TOTAL OUTSIDE WORK	
	OIL SOLVENT HYD. FLUID	
	OIL	
	SOLVENT	
	HYD. FLUID	
	TOTAL-OIL-SOLVENT HYD'	

CUSTOMER SALES SUMMARY	
LABOR	1600 00
PARTS	370 58
PARTS TAX	14 82
OIL-SOLVENT	
OUTSIDE WORK	
SHIPPING	
TOTAL AMOUNT DUE	1985 40

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2-2-93	TR	2641	HRS	ANNUAL INSPECTION
				CHECKED ALL CONTROLS + STRUCTURE. SERVICED
				BATTERY + BRAKES - REPLACED R. BRAKE HOUSING
				ASSY. REPLACED NOSE STRUT DOOR HINGES
				CLEAN + LUB WHEEL BEARINGS. LANDING
				GEAR CYCLE COMPLETED + HAND PUMP (EMERGENCY
				OPERATION NORMAL - REMOVED ALUMINUM STABILIZER
				BALANCE WEIGHT ARMS + INSTALLED STEEL
				BKTS PER SEB 89-1 ARI INSPECT SEAT
				RAILS, STOPS + PINS PER AD-87-20-3
				OIL PRESSURE LINE P/CW AD 90-4-6
				84-26-2 P/N/A BRACKET FILTER INSTALLED
				It is certified that this aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. Fred McKelley AI 1358298

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
2-15-93			REPL
			STABILI
			+6. Co
			+ BAL
Aug. 27, 1993			Tach
			Installed 1 PN
Installed New PN			
and PN 0523920 Roll			
Mounting Bracket			
9/25/93			

'S, REPAIRS AND ALTERATIONS RATING AND CERTIFICATE NUMBER OF PAGES FOR OTHER SPECIFIC ENTRIES.)	DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
PECTION	2-15-93				REPLACED TOP + BOTTOM RIGHT HAND
SRUICED					STABILIZER SKINS CESSNA P/N 1732003-5
E HOUSING					+6. COMPLETE TAIL GROUP STRIPPED OF PAINT
ON HINGES					+ BALANCED - 337 SUBMITTED TO FAA
. LANDING					Fred McClellan
BMP (EMERGENCY					A&P 1358298
UMINUM STABILIZER					
STALLOY STEEL	Aug. 27, 1993				Tach 2714.0 HRs
INSPECT SEAT					Installed 1 PN S1093-1 Flap Chaff Button in Left Flap
87-20-3					Installed New PN 0523919 Bushings PN 0523921 Rollers ②
0 904-6					and PN 0523920 Rollers ② in wing Flaps Torqued stabilizer
INSTALLED					mounting Bracket Bolts. Terry Blodgett A&P 368468374
	9/25/93				Installed new Concord Battery
					CB24-11M (CBC 214751)
Mellen					
8298					

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				THE STATIC PRESSURE SYSTEM HAS BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH FAR 43, APP E, PARA(a) ON 2-2-94. THE ALTIMETER(S) HAVE BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH FAR 91.411 IN ACCORDANCE WITH FAR 43, APP E.
				PILOT'S ALTITUDE 20K S/N L 6616 DATE 2-2-94
				CO-PILOT'S ALTITUDE N/A S/N N/A DATE N/A
				SIGNATURE [signature] WO # 12908
				FOR REPAIR STATION ECFR459D GENERAL AVIATION, INC., LANSING. MI
				TRANSPONDER P/N KT-76A, S/N 48091 WAS INSPECTED AND TESTED ON 2-2-94 D IS IN COMPLIANCE WITH FAR 91.413 IN ACCORDANCE WITH FAR 43 (f)
				SIGNATURE [signature] 12908
				FOR FAA REPAIR STATION ECFR459D GENERAL AVIATION, INC. CAPITAL CITY AIRPORT, LANSING, MICHIGAN 48906
				AUTOMATIC PRESSURE ALTITUDE REPORTING TESTED IN ACCORDANCE WITH FAR 91.411 AND FAR 43 APPENDIX E ON:
				2-2-94 PILOTS N/A CO-PILOTS
				SIGNATURE [signature] W/O# 12908
				FOR FAA APPROVED REPAIR STATION #ECFR459D GENERAL AVIATION, INC., CAPITAL CITY AIRPORT LANSING, MICHIGAN 48906

ALTIMETER CORRECTION SHEET

Customer Name: Gary A. Huffman Checked By: [signature] D

Unit Part #: 5934P-1 Unit Serial #: L6616

TOLERANCES

		Pressure (Hg)	Alt Diff (feet)	Pr
Initial Altimeter Reading	720	28.10	-10	
Ending Altimeter Reading	740	28.50	0	
After Effect	—	29.00	+5	
Case Leak @ 18,000 ft.	10	29.50	-20	
		29.92	-30	
		30.50	+10	
		30.90	-15	
		30.99	-20	

SCALE ERROR TEST

Altitude Feet	Scale Error UP	DOWN	Altitude Feet	Scale UP
-1000	+10		10,000	-15
0	0		12,000	-30
500	+20		14,000	-25
1000	+10		16,000	-20
1500	-5		18,000	-30
2000	+15		20,000	-10
3000	+25		22,000	
4000	+10		25,000	
6000	0		30,000	
8000	-10		35,000	

FRICTION TEST

Altitude Feet	Altimeter Reads	Altitude Feet	Al
1000	0	10,000	-
2000	-15	16,000	-
3000	5	20,000	-
6000	-20	25,000	-

This altimeter has been tested and is certified for IFR use.

Technician [signature] Work Order # __

for General Aviation Inc., Capital City Airport, Lansing, MI 48906
FAA CRS ECFR459D

'AIRS AND ALTERATIONS
AND CERTIFICATE NUMBER OF
FOR OTHER SPECIFIC ENTRIES.)

AND INSPECTED AND FOUND
2-2-94 . THE
AND FOUND TO COMPLY
APP E.

DATE 2-2-94
DATE N/A
WO # 12908
, INC., LANSING, MI

WAS
AND IS IN
FAR 43 (F)

12908
ION, INC.
6

IN
E ON:
PILOTS

908

ALTIMETER CORRECTION SHEET

tomer Name: Gary A. Huffman Checked By: [illegible] Date: 2-2-94

Unit Part #: 5934P-1 Unit Serial #: L6616

TOLERANCES

Initial Altimeter Reading	720
Ending Altimeter Reading	740
After Effect	—
Case Leak @ 18,000 ft.	10

Pressure (Hg)	Alt Diff (feet)	Pressure (Mb)	Alt Diff (feet)
28.10	-10	950	
28.50	0	964	
29.00	+5	982	
29.50	-30	998	
29.92	-30	1013	-0-
30.50	+10	1033	
30.90	-15	1047	
30.99	-20	1049	

SCALE ERROR TEST

Altitude Feet	Scale Error UP	Scale Error DOWN	Altitude Feet	Scale Error UP	Scale Error DOWN
-1000	+10		10,000	-15	
0	0		12,000	-30	
500	+20		14,000	-25	
1000	+10		16,000	-20	
1500	-5		18,000	-30	
2000	+15		20,000	-10	
3000	+25		22,000		
4000	+10		25,000		
6000	0		30,000		
8000	-10		35,000		

FRICTION TEST

Altitude Feet	Altimeter Reads	Altitude Feet	Altimeter Reads
1000	0	10,000	-15
2000	-15	16,000	-5
3000	-5	20,000	0
6000	-20	25,000	

This altimeter has been tested and is certified for IFR use.

Technician [signature] Work Order # 12908

for General Aviation Inc., Capital City Airport, Lansing, MI 48906
FAA CRS ECFR4590

INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
SED WITH NAME, RATING AND CERTIFICATE NUMBER OF
CILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

AND ALTERATIONS
CERTIFICATE NUMBER OF
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June 98 MA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-7-95	TACH	2873	HRS	ANNUAL INSPECTION
	CHECKED ALL	CONTROLS + STRUCTURE.		SERVICED
	BATTERY + BRAKES.	CLEANED +		LUBED WHEEL
	BEARINGS.	LANDING GEAR		RETRACTION TEST
	COMPLETED +	HYD		RESERVOIR SERVICED. INSPECT
	SEATS, STOPS +	PINS		PER AD-87-20-3R
	INSPECT HOSE	PER CESSNA		SCB 95-6A REPLACED
	VACUUM FILTER +			RELIEF VALVE FILTER
				It is certified that this aircraft
				has been inspected in accordance
				with a ANNUAL inspection
				and was determined to be in a
				orthy condition. Fred McCullen
				AI 1358298

TESTS, REPAIRS AND ALTERATIONS
ME, RATING AND CERTIFICATE NUMBER OF
ACK PAGES FOR OTHER SPECIFIC ENTRIES.)

N#: 52878 | CHECKED BY: RD | DATE: 4-2-96

UNIT PART #: 5934P-1 | UNIT SERIAL #: L6616

TEST NO. 1 ALTITUDE PRESSURE

ALTITUDE FEET	ALTIMETER READS UP	ALTIMETER READS DN	ALTITUDE FEET	ALTITUDE READS UP	ALTITUDE READS DN
-1000	0		10000	-20	+20
0	+5		12000	-25	
500	+5		14000	-10	
1000	+20		16000	0	
1500	+20		18000	0	
2000	0		20000	+50	
3000	+10		22000		
4000	+10		25000		
6000	+10		30000		
8000	0	+30	35000		

TEST NO. 2 FRICTION

ALTITUDE FEET	ALTIMETER READS	ALTITUDE FEET	ALTIMETER READS
1000	0	10000	-50
2000	-10	16000	-20
3000	0	20000	+20
6000	-10	25000	

TEST NO. 3 TOLERANCES

CASE LEAK 20 FT.

AFTER EFFECT 10 FT.

HYSTERSIS TEST

	20K	35K
50%	+20	
40%	+30	

PRESSURE Hg	ALT DIFF feet	PRESSURE Hb	ALT DIFF feet
28.10	0	950	
28.50	-10	964	
29.00	-10	982	
29.50	-15	998	
29.92	0	1013	
30.50	+10	1033	
30.90	+5	1047	
30.99	0	1049	

This altimeter has been tested and is certified for IFR use.

Technician Roger Dayton Work Order # 2842

General Aviation INC. Capital City Airport, Lansing, MI 48906

AND ALTERATIONS
.D CERTIFICATE NUMBER OF
OTHER SPECIFIC ENTRIES.)

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S, REPAIRS AND ALTERATIONS ATING AND CERTIFICATE NUMBER OF PAGES FOR OTHER SPECIFIC ENTRIES.)	DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
INSPECTION	6-14-97	TACH			3139.6 HRS
STRUCTURE.					ANNUAL INSPECTION PER CHECK LIST AND
ES CLEANED					A.D. SUMMARY. CHECKED ALL CONTROLS + STRUCTURE
S. REPLACED					SERVICED BATTERY + BRAKES CLEANED & LUBED WHEEL
EAR DOOR					BEARINGS. INSPECT CARRY THRU SPAR FOR CORROSION
DS REPLACED					REPLACED COM ANNT'S. REPLACED WORN PINS IN NOSE
DATE. JUNE 98					GEAR STEERING RODS ELT GOOD TO 6-98
K3 & STOPS C/W					AD LIST + COMPLIANCE SHEET ATTACHED
LINES PKW					
					It is certified that this aircraft has been Inspected In accordance with a ANNUAL Inspection and was determined to be in air worthy condition.
					Fred McClellan
lla					AI 1358298
98					

CRS#: ECFR459D
GENERAL AVIATION, INC.
CAPITAL CITY AIRPORT
LANSING, MI 48906

4 19 198

WO# 5253

S/N:

A/C TT: 3228.8 HOBBS:

The static pressure system has been tested and inspected and found to comply with FAR 43, APP E, PARA (a.) Pilots - Date: _____
Co-Pilots - Date: ~~_____~~

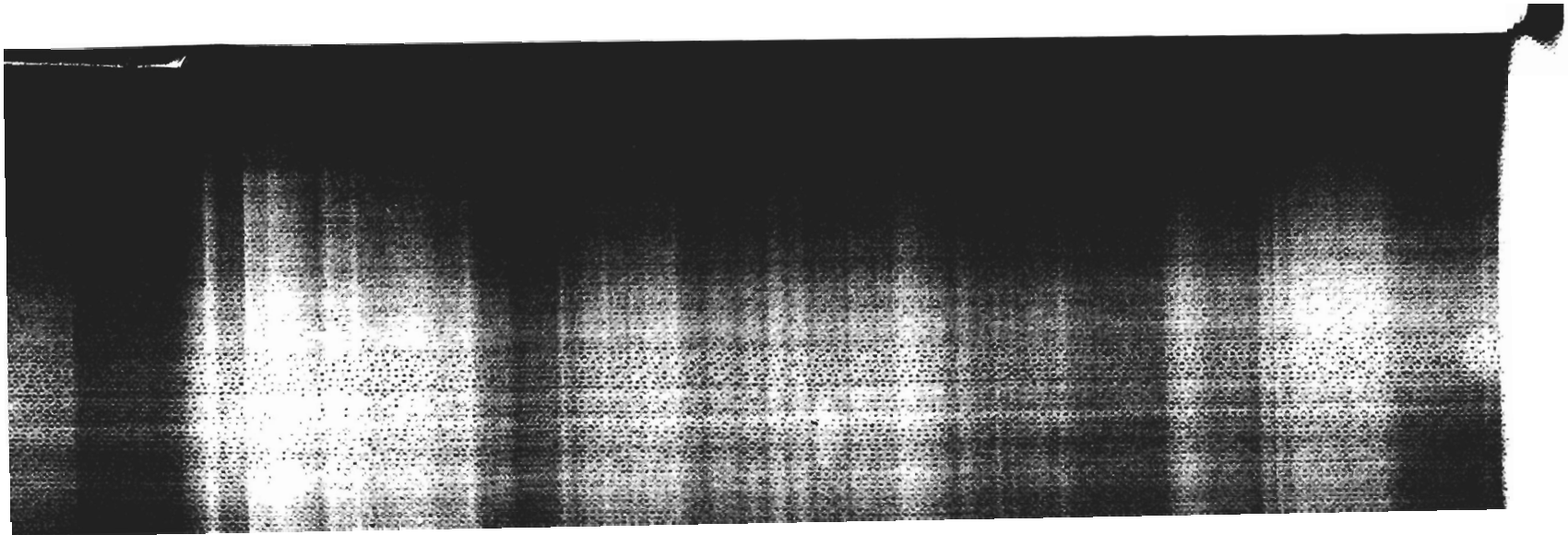
The altimeter(s) have been tested and inspected and found to comply with FAR 91.411 in accordance with FAR43, APP E.
Pilots altitude PN 5934P-1 SN L6616 Date: 4-9-98
Co-pilots altitude PN ~~_____~~ SN ~~_____~~ Date: ~~_____~~

The Automatic pressure altitude reporting tested in accordance with FAR 91.411 and FAR 43 APP E:
Pilots - Date: 4-9-98 Co-pilots-Date: ~~_____~~

The Transponder(s) was tested and inspected and is in compliance with FAR 91.413 in accordance with FAR 43 (F):
TXP #1 Model # KT-76A SN 48091
TXP #2 Model # ~~_____~~ SN ~~_____~~

Signature Roger Dayton

REPAIRS AND ALTERATIONS ING AND CERTIFICATE NUMBER OF GES FOR OTHER SPECIFIC ENTRIES.)	DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENTR MECH



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				McCLELLAN AIRCRAFT MAINTENANCE, INC. *4270 Torrey Rd. Flint, MI 48507*
				7-18-99 TR: 3419.7 N52878 C-177RG
				Annual Inspection performed. Inspected and lubed all controls and structure. Cleaned and inspected all wheel bearings. Replaced bad cowling mounts. Adjusted gear warning switch. Repaired crossover heat deflector. Replaced air filter element. Directional gyro overhauled by Metro Aircraft Instrument. AD87-20-03R2 seat tracks, CW by inspection. AD93-02-05 fuel injection lines, CW by inspection. Returned aircraft to service.
				IT IS CERTIFIED THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				----------END----------
				William R Youngs
				William R. Youngs A&P 363647124 I.A.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTI ENTRIES MUST BI MECHANIC OR R
1-3-00	3475			C/W AD 99-
NARCO AVIONICS INC.				CENTURY F
SERVICE TAG		2/10		KIT NO N
MODEL # MK12D+		3481		
S/N 75071				SERIAL NO
DATE 2-1-00				MINE
W.O.# 37061 K				
DETACH AND AFFIX TO LOGBOOK				I CERTIFY THAT TH AUTOMATIC PRESSI IN N52878 ACCORDANCE WIT ALTIMETERS TESTED WORK ORDER # 56 PENN AVIC PERKIOMEN V
	2/10/00			
	3481			

'ERATIONS TE NUMBER OF CIFIC ENTRIES.)	DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7	1-3-00	3475			C/W AD 99-24-10 - Installed Pressure & cpx ck-out
					[illegible] RAP144447213
					CENTURY FLIGHT SYSTEMS, INC.
					KIT NO NSD360A-15
					SERIAL NO. NSD2648
					MINERAL WELLS, TX
					I CERTIFY THAT THE ALTIMETES, STATIC SYSTEM, AND AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT IN N52878 HAVE BEEN TESTED AND INSPECTED IN ACCORDANCE WITH F.A.R. 91.411 PART 43 APDX E. ALTIMETERS TESTED TO 20,000 FEET. DATE 2/10/00 WORK ORDER # 5635 AUTHORIZED SIGNATURE [illegible]
					PENN AVIONICS FAA CRS # VFAR714K
					PERKIOMEN VALLEY AIRPORT COLLEGEVILLE, PA
ıled					
ıS					
-					

NARCO AVIONICS INC.

SERVICE TAG MK12bt

MODEL # _____

S/N 75071

DATE 2-1-00

W.O.# 37061k

DETACH AND AFFIX TO LOGBOOK

	2/10	2/10 →
	3481	
2/10/00		
3481		

DATE 2000	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/10	3481			

THE ATC TRANSPONDERS IN AIRCRAFT N 52978 HAVE
BEEN TESTED IN ACCORDANCE WITH F.A.R. PART 91.413 AND
FOUND TO BE IN COMPLIANCE WITH PART 43, APDX F.
MFR. UNIV MODEL 47-26A DATE 2/10/00
WORK ORDER #5635 AUTHORIZED SIGNATURE
PENN AVIONICS FAA CRS # VFAR774K
PERKIOMEN VALLEY AIRPORT COLLEGEVILLE, PA

DATE 19__	RE
2/10/00	

Altimeter Data

MFG UNITED
P/N
S/N
Test Date 2/9/00
Mech.

Scale Error

-1000	-5
0	-5
500	✓
1000	-5
1500	-5
2000	-10
3000	-10
4000	-15
6000	-20
8000	-20
10000	-25
12000	-25
14000	-40
16000	-40
18000	-55
20000	-55
22000	
25000	
30000	
35000	
40000	
45000	
50000	

DATE 2000	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/10	3489			
				THE ATC TRANSPONDERS IN AIRCRAFT N 52828 HAVE BEEN TESTED IN ACCORDANCE WITH F.A.R. PART 91.413 AND FOUND TO BE IN COMPLIANCE WITH PART 43, APDX F. MFR UNIV6 MODEL 47-76A DATE 2/10/00 WORK ORDER #5635 AUTHORIZED SIGNATURE PENN AVIONICS FAA CRS # VFAR774K PERKIOMEN VALLEY AIRPORT COLLEGEVILLE, PA

DATE 19__	RE
2/10/00	

Altime

MFG UNITED

P/N

S/N

Test Date 2/9/00

Mech.

Scale Error

-1000	-5
0	-5
500	✓
1000	-5
1500	-5
2000	-10
3000	-10
4000	-15
6000	-20
8000	-20
10000	-25
12000	-25
14000	-40
16000	-40
18000	-55
20000	-55
22000	
25000	
30000	
35000	
40000	
45000	
50000	

REPAIRS AND ALTERATIONS
TING AND CERTIFICATE NUMBER OF
GES FOR OTHER SPECIFIC ENTRIES.)

HAVE
AND
DX F.
10/00

DATE 19__	RE		TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
2/10/00				

Altimeter Data – Tested to part 43 Appendix E

MFG UNITED
P/N
S/N
Test Date 2/9/00
Mech. [signature]

Aircraft 52878
Time 3481.3
Make CESSNA
Model 177RG
S/N 177RG1297
RT76A
SN 48091

Case Leak AT 18000
Feet/min 20'

Hysteresis

50 %	30'
40 %	15'
After Effects	5'

Scale Error

-1000	-5
0	-5
500	✓
1000	-5
1500	-5
2000	-10
3000	-10
4000	-15
6000	-20
8000	-20
10000	-25
12000	-25
14000	-40
16000	-40
18000	-55
20000	-55
22000	
25000	
30000	
35000	
40000	
45000	
50000	

Encoder Error

UP	DOWN
-40	+50
-50	+50
-50	+50
-40	+60
-30	+60
-30	+60
-40	+60
-30	+70
-30	+70

Friction

1000	10'
2000	10'
3000	10
5000	15'
10000	25'
15000	40'
20000	40'
25000	
30000	
35000	
40000	
50000	

Press. Alt. Diff.

28.10	-1740
28.50	-1340
29.00	-840
29.50	-400
29.92	0
30.50	+540
30.90	+900
30.99	+990

FAA CRS VFAR714K

DATE 00	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/10	3481			
				CRS#: VFAR714K PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 02/10/00 N52878 C-177RG A/C TT: 3,481.3 WO# 5635 CESSNA S/N: 177RG1297 HOBBS:
				1AV. GNS-430/ Removed MK12E/Cessna, Foster RNAV system. Installed in location of removed units one Garmin GNS-430 s/n 96305401. Interfaced GNS-430 to existing mode c encoder. All work performed IAW Garmin GNC-430 installtion manual 190-00140-02 rev D and AC43:13-1A, Chapter 2, Section 3, Par97. Chapter 11, Section 1, Section 2 PAR 424,425,426,427,428,429,430. Chapter 13, Chapter 15 section 1 PAR 750,754. Section 3,4,5,6. The AC-43:13 2A, Chapter 1 PAR 1,2,3 Chapter 2 PAR 21,22,23,27. GPS installed IAW AC20-138 par 7c (2)i,ii,iii (VFR), and referenced STC SA00705WI. This installation pending IFR approval. Calculate new weight and balance, equipment list revised. GNS-430 S/N 96305401
				—(CONTINUED)—

DATE 00	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTIC ENTRIES MUST BE MECHANIC OR RE
2/10				2AV. WX900 STORMSCOPE/ Installed wx900 stor/ aircraft to determine antenna location. Instal document 7B-8060-6104-6 Oct, 92 and AC43:13-1/ Par97. Chapter 11, Section 1, Section 2 PAR 4 Chapter 13, Chapter 15 section 1 PAR 750,754. 2A, Chapter 1 PAR 1,2,3 Chapter 2 PAR 21,22,2 operational. Calculate new weight and balance. WX900 display s/n JNP09905913 WX900 ant JNA12906171 3AV. EDM-700/ Removed existing Cessna EGT ga location JP instruments EDM-700 gauge. Install manual #103, referenced STC SA 2586NM 4AV. NSD-360A/ Removed Exisitng G502A DG. In HSI. Interface HSI to GNS-430. Interface HSI Cessna 300 autopilot. Installed system IAW NS and AC43:13-1A, Chapter 2, Section 3, Par97. 2 PAR 424,425,426,427,428,429,430. Chapter 13, 750,754. Section 3,4,5,6. The AC-43:13 2A, Ch PAR 21,22,23,27. Swing HSI IAW AC 43.13-1A se test system operational. Calculate new weight list. NSD-360 52D136-1333 s/n 14299 —(CONT

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DATE 02	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/10	3481			5AV. PMA7000/G02369-E02330 Removed existing Cessna audio panel. Installed in same location, factory new PS Engineering PMA7000 audio panel. Interface audio panel to existing audio system. Install new pilot & co-pilot & rear seat headphone jacks. Ramp test all audio sources. Installed unit IAW AC43:13-1A, Chapter 2, Section 3, Par97. Chapter 11, Section 1, Section 2 PAR 424,425,426,427,428,429,430. Chapter 13, Chapter 15 section 1 PAR 750,754. Section 3,4,5,6. The AC-43:13 2A, Chapter 1 PAR 1,2,3 Chapter 2 PAR 21,22,23,27, and PS eng document 95260901 rev L. 6AV. / Noted lighting dimmer inop. Troubleshoot problem, found defective transisters on solid state dimmer assy. Replaced same. Ramp test dimmer operational. 7AV. KT-76A/ Performed 24 month transponder/static system certification. Complied with FARS 91.411 & FAR 91.413 and with Part 43 Appendix E para. c. 8AV. ARC300A/ Adjust roll centering on autopilot. Ramp test operational. -----PETER STECZENMOCCER 2439480-----

DATE 2000	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTIC ENTRIES MUST BE MECHANIC OR RI
2/29	3488.7			CRS#: VFAN/14K PENN AVIONICS, INC 767 Collegeville Rc Collegeville, PA 1 1AV. KT-76C/6300 R 6300. Perform 91.41 weight and balance.
2/29	3488.7			THE ATC TRAN BEEN TESTED I FOUND TO BE MPR 4116 WORK ORDER PEN PENNOV

AIRS AND ALTERATIONS AND CERTIFICATE NUMBER OF FOR OTHER SPECIFIC ENTRIES.)	DATE 2000	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
el. Installed	2/29	3488.7			CR5#: VFAR714K 02/29/00 WO# 5666
nel. Interface					PENN AVIONICS, INC. N52878 CESSNA
pilot & rear					767 Collegeville Rd C-177RG S/N: 177RG1297
unit IAW					Collegeville, PA 19426 A/C TT: HOBBS:
1, Section 2					
on 1 PAR					1AV. KT-76C/6300 Remove existing KT-76A. Install in same tray KT-76C s/n
.3 Chapter 2					6300. Perform 91.413 cert, verify mode C correspondence. No change to
nd defective					weight and balance.
est dimmer					
certification.					PETER STELZENMULLER 2439480
ndix E para. c.					
operational.					
	2/29	3488.7			THE ATC TRANSPONDERS IN AIRCRAFT N 52878 HAVE BEEN TESTED IN ACCORDANCE WITH F.A.R. PART 91.413 AND FOUND TO BE IN COMPLIANCE WITH PART 43, APDX F. MFR 6116 MODEL KT-76C DATE 2/29/00 WORK ORDER # 5666 AUTHORIZED SIGNATURE PENN AVIONICS FAA CRS # VFAR714K PERKIOMEN VALLEY AIRPORT COLLEGEVILLE PA

DATE 2000 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-3-00	3493.9		3493.9	C/W ANNUAL INSPECTION PER CESSNA MANUAL. REPLACED WINDSHIELD W/ NEW WT-2150-187. INSTALLED NEW COMPASS PAI-700-28 & MOUNT PACMO-CESSNO. REPLACED SPINNER W/ NEW TCB COMPOSITE # TCB07S2637-16 PER STC & ENCLOSED INSTRUCTIONS. GEAR SWITCH COVER REPLACED & NEW GE 1820 BULBS INSTALLED A/R. INSTALLED OIL TEMP PROBE IN EXISTING EDM-700 SYSTEM, WIRING RUN WITH EXISTING HARNESS. INSTALLED NEW PNEUMATIC FILTERS B3-S-1 & D9-18-1 & NEW SHUTTLE VALVE IN PONCICO FLIGHT SYSTEM W/ ENCLOSED PLUMBING. FLIGHT TEST TO BE C/W. INSTALLED NEW BA-S705 AIR FILTER, EXHAUST SYSTEM INSPECTED. INSTALL NEW 2050018-1 INLET AIR DUCT (INDUCTION) & 2051003-4 OIL COOLER DUCT SEAL. INSTALLED (2) NEW STATIC WICKS C592001-0201 RT WING & LT ELEVATOR. REMOVED & INSPECTED GASCOLATOR STRAINER & ASSEMBLED W/ NEW GASKETS & SEALS. REMOVED & CLEANED L & R INBOARD FUEL TANK ACCESS PANELS & RE-SEALED, NOSE STRUT SERVICED. A/C JACKED & RETRACTION

CONTINUED ↗

DATE 2000 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DE ENTRIES MECHANI
4-3-00	3493.9		3493.9	& EXTER
				& SYS(G
				REPLACED
				BP-102
				ALL CONT
				FITTED T
AD'S	C/W @	THIS	ANNUAL	E
76-07-12	BENDIX 16 SERIES -			OPS & FU
87-20-03R2	SEMI TRACKS & ROLLERS			-INSPECT
97-01-13	HOSES - N/A BY DATE			
99-24-10	PONCICO FLIGHT. INST. SHUTTLE VALV			
ELT BATT DUE 05/02				
90-04-06	-PROP GOV LINE & FITS - INSP.			
				PROPELL

RAPCO™ inc.
REPLACEMENT AIRCRAFT PARTS CO.
HARTLAND, WI MADE IN USA

D9-18-1 Air Filter B3-S-1

Changed at:	Next Change
3494 Hrs.	
Date 4-1-00	4-01 Hrs.

THIS ELT EQUIPPED WITH A
LINE BATTERY PACK P/N BP
REPLACE B
MERL
MERL, INC. 1777
WARNING! DO N

LTERATIONS ATE NUMBER OF PECIFIC ENTRIES.)	DATE 2000 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
PCKN WINDSHIELD	4-3-00	3493.9		3493.9	& EXTENSION, EMERGENCY EXTENSION C/W OK - FLUID SERVICED
91-700-28 &					& SYS (GEAR) LUBED PER CESSNA MANUAL. ALL WHEEL BEARINGS
NEW TCB					SERVICED, BEARINGS INSP'ED & SERVICED. INSTALLED NEW
CLOSED INSTRUC-					BP-1020 ELT BATTERY & TESTED PER FAA 91-407 - OK.
1820 BULBS					ALL CONTROLS, PULLEYS, HINGES, BELLCRANKS & CABLES INSP-
IN EXISTING					ECTED & LUBED. COMPLETE AD LIST ATTACHED THIS BOOK.
EXISTING HOR-	AD'S	C/W @	THIS	ANNUAL	Edward J Gibson A&P 144447213
5-1 & D9-18-1	76-07-12	BENDIX 16 SERIES -			GPS & FUNCT. OK.
TOR W/ EMC-	87-20-03 R2	SERI TRACKS & ROLLERS			- INSPECTED.
STALLED NEW	97-01-13	HOSES - N/R BY DATE			
CTED. INSTALL	99-24-10	PRECISE FLIGHT - INST. SUCTION VALVE & C/W AD TEST.			
2050003-4	ELT BATT DUE	05/02			
STATIC WICKS	90-04-06	- PROP GOV LINE & FITS - INSP.			
REMOVED &					
MBLED W/					
D L & R					
SERVICED,					
STRUCTION					
ED ↗					

Date 04-03-00 T.T. 3493.9 Tach. 3493.9

I certify that this AC/~~Line~~ has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Edward J Gibson

EDWARD J. GIBSON
A&P 144447213 IA

RAPCO™ inc.
REPLACEMENT AIRCRAFT PARTS CO.
HARTLAND, WI MADE IN USA

D9-18-1 Air Filter B3-5-1

Changed at:	Next Change
3494 Hrs.	
Date 4-1-00	4-01 Hrs.

THIS ELT EQUIPPED WITH ALKA-LINE BATTERY PACK P/N BP-1020
REPLACE BY
MAY 02
MERL
MERL, INC. 1777 N. Colony Rd. P.O.Box 188 Meriden, Ct. 06450
WARNING! DO NOT DISCARD BATTERY IN HEAT OR FIRE!

PROPELLER T.T.S.N. 3493.9. 1046 TTSOV

DATE 2000 19___	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-4-2000	3493.9		3493.9	c/w. Flight Test Part of Precice Flight Stand By Vacuum
				Test Per SVS Manual # AD 99-24-10 & New Compass Deviation
				& Compensation c/w Per Precision Aviation Instructions.
				New Deviation Card Installed. Edward J Bolin A&P 1444422
				Comm Assmelas 2019957

CRS#: VFAR714K 04/21/00 WO# 5791
PENN AVIONICS, INC. N52878 CESSNA
767 Collegeville Rd C-177RG S/N: 177RG1297
Collegeville, PA 19426 A/C TT: HOBBS:

1AV. GNS-430/ The GNS-430 GPS system installed in this aircraft is approved for IFR operations in accordance with the GNS-430 POH supplement dated 4-19-2000 and 337 form dated 4-17-2000.

PETER STELLENMULLER 2439480

DATE 19___	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN SERVICE	D ENTRIES MECHAN

PENN AVIONICS, INC. 767 Collegeville Rd Co
LOG ID# 2019 10-February-2000 WO# 5635/
N52878 S/N 177RG1297 CESSNA C-17

**** ITEM # 5635-1 INSTALL GNS-430 **
Model: GNS-430
ACTION: Removed MK12E/Cessna, Foster R
Garmin GNS-430 s/n 96305401. Interface
IAW Garmin GNC-430 installtion manual
Par97. Chapter 11, Section 1, Section
section 1 PAR 750,754. Section 3,4,5,6
21,22,23,27. GPS installed IAW AC20-13
This installation pending IFR approval.
revised.
GNS-430 S/N 96305401

**** ITEM # 5635-2 INSTALL WX900 SYSTE
Model: WX900 STORMSCOPE
ACTION: Installed WX900 stormscope sys
Installed unit IAW WX900 BFG document 7
3, Par97. Chapter 11, Section 1, Sectio
15 section 1 PAR 750,754. Section 3,4,5
21,22,23,27. Ramp test unit operational
WX900 display s/n JNP09905913
WX900 ant JNA12906171

**** ITEM # 5635-4 INSTALL HSI ****
Model: NSD-360A
ACTION: Removed Existing G502A DG. Inst
GNS-430. Interface HSI heading output t
NSD-360 manual 006-00111-0005 and AC43:
1, Section 2 PAR 424,425,426,427,428,42
Section 3,4,5,6. The AC-43:13 2A, Chapt
AC 43.13-1A section 5; par 927 and 928.
balance, revise equipment list.
NSD-360 52D136-1333 s/n 14299

EPAIRS AND ALTERATIONS
G AND CERTIFICATE NUMBER OF
S FOR OTHER SPECIFIC ENTRIES.)

LEGAL STANDBY VACUUM
) # NEW COMPASS DEVIATION
AVIATION INSTRUCTIONS.
Ford J Bolin A&P 1444721

G1297

lement

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

PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K
LOG ID# 2019 10-February-2000 WO# 5635/1
N52878 S/N 177RG1297 CESSNA C-177RG
Pg 1 / 2

**** ITEM # 5635-1 INSTALL GNS-430 ****
Model: GNS-430
ACTION: Removed MK12E/Cessna, Foster RNAV system. Installed in location of removed units one Garmin GNS-430 s/n 96305401. Interfaced GNS-430 to existing mode c encoder. All work performed IAW Garmin GNC-430 installtion manual 190-00140-02 rev D and AC43:13-1A, Chapter 2, Section 3, Par97. Chapter 11, Section 1, Section 2 PAR 424,425,426,427,428,429,430. Chapter 13, Chapter 15 section 1 PAR 750,754. Section 3,4,5,6. The AC-43:13 2A, Chapter 1 PAR 1,2,3 Chapter 2 PAR 21,22,23,27. GPS installed IAW AC20-138 par 7c (2)i,ii,iii (VFR), and referenced STC SA00705WI. This installation pending IFR approval. Calculate new weight and balance, equipment list revised.
GNS-430 S/N 96305401

**** ITEM # 5635-2 INSTALL WX900 SYSTEM ****
Model: WX900 STORMSCOPE
ACTION: Installed WX900 stormscope system. Skin map aircraft to determine antenna location. Installed unit IAW WX900 BFG document 78-8060-6104-6 Oct, 92 and AC43:13-1A, Chapter 2, Section 3, Par97. Chapter 11, Section 1, Section 2 PAR 424,425,426,427,428,429,430. Chapter 13, Chapter 15 section 1 PAR 750,754. Section 3,4,5,6. The AC-43:13 2A, Chapter 1 PAR 1,2,3 Chapter 2 PAR 21,22,23,27. Ramp test unit operational. Calculate new weight and balance.
WX900 display s/n JNP09905913
WX900 ant JNA12906171

**** ITEM # 5635-4 INSTALL HSI ****
Model: NSD-360A
ACTION: Removed Existing G502A DG. Installed factory new NSD-360 HSI. Interface HSI to GNS-430. Interface HSI heading output to existing Cessna 300 autopilot. Installed system IAW NSD-360 manual 006-00111-0005 and AC43:13-1A, Chapter 2, Section 3, Par97. Chapter 11, Section 1, Section 2 PAR 424,425,426,427,428,429,430. Chapter 13, Chapter 15 section 1 PAR 750,754. Section 3,4,5,6. The AC-43:13 2A, Chapter 1 PAR 1,2,3 Chapter 2 PAR 21,22,23,27. Swing HSI IAW AC 43.13-1A section 5; par 927 and 928. Ramp test system operational. Calculate new weight and balance, revise equipment list.
NSD-360 52D136-1333 s/n 14299

"Commission"), these commodities, technology or software were exported from the U.S. in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited.
For shipping pieces, call 1-800-763-7925

DATE 19__	RECORDING		TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K
LOG ID# 600-- 24-August-2001 WO# 7001/1 AC TT 3628.3
N52878 S/N 177RG1297 CESSNA C-177RG

Pg 1 / 1

**** ITEM # 7001-1 Install FS 450 Fuel Scan Indicator ****
DISCREPANCY: Install FS 450 Indicator
Model: FS-450 Part#: 450000-P Serial#: 3027
ACTION: Install JP instruments Fuel Scan indicator in accordance with STC SA00861SE and JP Instruments fuel flow installation manual Report #400. Interfaced FS 450 to existing Garmin 430 RS 232 ports. Update aircraft weight and balance. Update aircraft equipment list. FAA Form 337 filed this date.

**** ITEM # 7001-2 Install Fuel Scan Transducer ****
DISCREPANCY: Install JP Instruemnts fuel scan transducer
Serial#: 118365
ACTION: Install JP instruments Fuel Scan transducer in accordance with STC SA00432SE and JP Instruments fuel flow installation manual Repoart #400. Install new hose assembly part number 111F417-4S0030 provided by Aerospace Products International under work order A01070150. Leak test satisfactory. Engine run satisfactory. Update aircraft weight and balance. Update aircraft equipment list. FAA Form 337 filed this date.

**** ITEM # 7001-3 Paper work ****
DISCREPANCY: Paperwork
ACTION: Compose and execute FAA form 337, Log book entries, and weight and balance.

8/24/01
IA245377342 Joeseph Budusky Date

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE

KEYS

Date: 2/7/01 N#: 52
Strip, acid etch, alodine, prime
Green and N4059-Gold.

Assembled aircraft after paintin
accordance with D2009-4-13AI
accordance with D2009-4-13AI
controls for proper operation. I
air pressure in tires. Retracted
wing tips, stab-tips, rudder cap,
steel hardware. Installed landin
proper operation. Checked stall
nose gear door hinges. Complie
door window & 3 rear windows
parts.

RATIONS

Pg 1 / 1

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

KEYSON AIRCRAFT REFINISHERS
117 Perimeter Road
Nashua, NH 03063
(603) 598-4526

Date: 2/7/01 N#: 52878 TACH: 3570.6 HOBBS:

Strip, acid etch, alodine, prime & paint with Dupont Imron 5000, N0006-White, N4625-Green and N4059-Gold.

Assembled aircraft after painting. Checked balance of ailerons, stabilator & rudder in accordance with D2009-4-13AF Service Manual. Installed flaps, ailerons & rudder in accordance with D2009-4-13AF Service Manual & lubed all points. Checked all flight controls for proper operation. Installed nose doors. Lubed nose & main gear. Checked air pressure in tires. Retracted gear to check for proper fit & operation. Installed spinner, wing tips, stab-tips, rudder cap, tail cone & all streamline fairings using new stainless steel hardware. Installed landing & navigation lights, strobes & beacons & checked for proper operation. Checked stall warning & pitot heat for proper operation. Replaced nose gear door hinges. Complied with SEB 95-3/Flap Roller Bulletin. Replaced Pilot door window & 3 rear windows using Great Lake Aero Products-part FAA approved parts.

Alan Desrosiers
A/P 2073382

DATE 20 01 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-01	3596		3596	C/W ANNUAL INSPECTION PER CESSNA MANUAL & INSPECTION SHEET. R/C
				JACKED. ALL TIRES REPLACED W/ (2) 15 x 600 x 6 AIRHAWKS ON MAINS &
				500 x 5 ON NOSE. ALL BEARINGS SERVICED. BRAKES SERVICED & NEW LINING S
				ON R/H SIDE. C/W RETRACTION CYCLES - REPLACED & ADJUSTED (FU TEST)
				THROTTLE SWITCH ASSY SA327-1 & 2. ENTIRE GEAR SYSTEM LUBED
				& EMERGENCY EXTENSION C/W. REMOVED PILOTS DOOR & REBUSHED
				W/ ONAN SUPPLIED BEARINGS UWR-2205. INSTALLED NEW DOOR HANDLE
				0517039 ON CO-PILOT DOOR. FUEL SYSTEM, CONNECTIONS SERVICED
				W/ NEW SEAL KIT. NEW B3-5-1 FILTER INSTALLED. NEW BA5316
				FILTER ASSY INSTALLED (REPLACED OLDER UNIT) EXHAUST
				SYSTEM INSPECTED & HEAT SHROUDS. (2) NEW FUEL LINES
				INSTALLED (PRESSURE LINE FROM DIST TO GAGE 624000-3-0450
				& INJECT. TO DIST 624000-4-0172 SYS CK'ED FOR LEAKS.
				INSPECTED SEAT TRACK & ROLLER PER AD 87-20-03 R2 &
				FOUND (2) SMALL CRACKS PILOTS L/H TRACK ON TOP OF RAIL
				@ HOLE RADIATING OUTWARD. INSTALLED (2) NEW SEAT
				STOPS 0713074-7. REPAIRED ENGINE BREATHER R/R.
				INSTALL BAS INC PILOT/CO-PILOT SHOULDER HARNESS & SEAT

DATE 20 01 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTIO ENTRIES MUST BE MECHANIC OR RE
5-3-01	3596		3596	BELT KIT W/
76-07-12	BENDIX IG	SW - OPS & Geof.		ORIGINAL CESS
87-20-03 R2	SEAT TRACKS - INSPECTED.			ELT TESTED
99-24-10	STANDBY VACUUM - REPL.			COMPLETE AI
20-06-01	GASCOUNTOR	N/A.		
T.T. PROP	3596.2			
PROP SOH	1149.2			

ND ALTERATIONS ERTIFICATE NUMBER OF HER SPECIFIC ENTRIES.)	DATE 2001	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
ECTION SHEET. R/C	5-3-01	3596		3596	SEAT KIT W/ INERTIA REELS SEE FORM 337 THIS DATE.
HINGES ON MAINS +	76-07-12	BENDIX IG	SW - OPS + Gnet.		ORIGINAL LEGGING BELTS REMOVED - NO WEIGHT CHANGE.
SEMMOND + NEW LINING S	87-08-03 R2	SEAT TRACKS - INSPECTED.			ELT TESTED PER FAR 91.207(d) + BATT GOOD TO NOV 05/02.
+ ADJUSTED (FU TEST)	99-24-10	STANDBY - VACUUM -		INSPT.	COMPLETE AD LIST ATTACHED.
SEAT SYSTEM LUBED	20-06-01	GEOMATOR	N/A.		
S DOOR + REBUSHED	T.T. PROP	3596.2			
ED NEW DOOR HANDLE	PROP SOH	7149.2			
ECOMATORS SERVICED					
FILLED. NEW BASIC					
UNIT) EXHAUST					
NEW FUEL LINES					
ACE 624000-3-0450					
CK'ED FOR LEAKS.					
2-20-03-R2 +					
ON TOP OF RAIL					
LED (2) NEW SEAT					
BREAKING A/R.					
HINGES + SEAT					

Date 05-03-01 T.T. 3596 Tach. 3596

I certify that this AC/~~engine~~ has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

[illegible] A&P 2632796 IA

INSPECTOR & CERTIFICATE

PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K
LOG ID# 486 29-May-2001 WO# 6724/1
N52878 S/N 177RG1297 CESSNA C-177RG TACH 3603.3

Performed on Model: nsd 360 Part#: 52D136-1333 Serial#: 14299A
. DISCREPANCY: Nav pointer inop on HSI

ACTION: removed HSI model 52D136-1333 s/n 14299A for factory repair. Install factory repaired HSI same unit on . HSI system functionally checks good IAW century FLT system installations manual.

5-29-2001

VFAR714K Peter Stelzenmuller Date

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

5/24/01 Kent Chap to 2647315

SALISBURY AIR SERVICE

DATE: 7/9/01 REGISTRATION: N52878
TACH TIME: 3616.7

Replaced faulty voltage regulator with Electrosystems P/N VR500-0101 I/A/W Cessna service manual. Ran aircraft, checks good. Aircraft approved for return to service.

Richard Ellington
A&P 241498383

DATE 19___	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE

PENN AVIONICS, INC. 767 Collegeville Rd Co
LOG ID# 600 21 August 2001 WO# 70014
N52878 S/N 177RG1297 CESSNA C-177

[illegible]

STS, REPAIRS AND ALTERATIONS
RATING AND CERTIFICATE NUMBER OF
PAGES FOR OTHER SPECIFIC ENTRIES.)

Cessna
ice.

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

PENN AVIONICS INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K
LOG ID# 600 24 August 2001 WO# 70014 AC TT 3628.3
N52878 S/N 177RG1297 CESSNA C-177RG

Pg 1 !

[illegible] Install Insta [illegible] 450 Fuel flow Indicator
DESCRIPTION Install [illegible] 450 Fuel Indicator
Model [illegible] Part [illegible] 450000-[illegible] Serial [illegible]
ACTION Install [illegible] instruments Fuel flow indicator in accordance with STC SA00861SE and IP
Instrument [illegible] Installation manual, Report 1400. Interfaced [illegible] 450 to existing Garmin 430 GS
[illegible] Update aircraft weight and balance. Update aircraft equipment list. FAA Form 337 filed
on date.

[illegible] Install Fuel flow transducer
DESCRIPTION Install [illegible] instruments fuel flow transducer
Serial [illegible]
ACTION Install [illegible] instruments fuel flow transducer in accordance with STC SA00413SE and IP
Instrument [illegible] installation manual, Report 1400. Install new hose assembly part number
[illegible] provided by Aerospace Products International under work order A01070150. Leak test
satisfactory. Engine run at idle. Update aircraft weight and balance. Update aircraft
equipment list. FAA Form 337 filed [illegible] date

[illegible] Fiber work
DESCRIPTION Fiberwork
ACTION Compose and execute FAA Form 337, log book entries, and weight and balance

Sam C Berkey 8/24/01
[illegible] Joseph Budusky Date

Shipping is liability and other terms and/or conditions established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air (the "Warsaw Convention") and/or the Convention on the Contract for the International Carriage of Goods by Road (the "CMR") and/or the Hague Protocol, as in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited. United Parcel Service, Louisville, KY

Hazmat Shipping Notice - Carriage hereunder may be subject to the rules relating to liability and other terms and/or conditions established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air (the "Warsaw Convention") and/or the Convention on the Contract for the International Carriage of Goods by Road (the "CMR") and/or the Hague Protocol, as in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited. For shipping places, call 1-800-782-7892. United Parcel Service, Louisville, KY

N52878

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-4-01	3641.8		3641.8	REPLACED NOSE GEAR STEERING & SHIMMY DAMPENER BUSHINGS
				NAS778035 & SERVICED SHIMMY DAMPENER PER C-177RG
				MANUALS. [illegible] A&P 2632796
11/18/01	3648.7		3648.1	REMOVED WINDSHIELD & INSTALLED NEW AP 329 GT &
				REPAINTED PILOTS DOOR. [illegible] A&P 2632796
1/14/02	3652.8		3652.8	Installed new battery G243
				a note Gilmet 1697914 commercial pilot.
6-12-02	3668.4		3668.4	C/W ANNUAL INSPECTION PER C-177RG MANUAL. ALL INSPT.
				PANELS OPENED & INTERIOR REMOVED A/R. ALL CONTROL MOVEMENTS
				CK'ED & ENTIRE A/C LUBED PER C-177RG MANUAL. NEW BASTIN
				AIR FILTER ELEMENT. (1) NEW 37444-14 COWL MT. REMOVED
				& REPLACED HOSE IN EXHAUST SYS SLIP JOINTS. A/C PLACED
				ON JACKS. ALL WHEEL BEARINGS SERVICED. BRAKES INSPT.
				& SERVICED. ADJUSTED NOSE DOORS & RIGGING PER MAINTENCE
				MANUAL. CYCLED GEAR SEVERAL TIMES, WARNING SYS OK &
				EMERGENCY EXTENSION C/W. ENTIRE GEAR SYS LUBED PER
				MANUAL & FLUID LEVEL CK'ED. NOSE STRUT SERVICED.
				NEW ELT BATT INSTALLED, NEXT DUE 7/04 & ELT TESTED

CONTINUED →

DATE 2002 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENTRIES MECHA
6-12-02	3668.4	CONTIN	UED →	PER F1
				87-20-1
				NO CRA
				CK'ED
				INSPECT
				GASCOLA
				REPAIR
				& (4) B
				AFFECTS
99-24-10		STANDBY V/R		SYS - OPS & LUBE
87-20-03R2		SEAT TRACKS & ROLLERS -
76-07-12R1		BENDIX		16 SWITCHES - OPS
PROP.	T.T.	3668.4		SOH 1221.6

N52878

REPAIRS AND ALTERATIONS
TING AND CERTIFICATE NUMBER OF
GES FOR OTHER SPECIFIC ENTRIES.)

SKINNY DAMPENER BUSHINGS
MPNER PER C-177RG
#P 2632796
ED NEW AP 329 GT &
A&P 2632796
943
14 COMMERCIAL PILOT.
7RG MANUAL. ALL INSPT.
R. ALL CONTROL MOVEMENTS
177RG MANUAL. NEW BASTIN
44-14 GOVL MT. REMOVED
45 SLIP JOINTS. A/C PLACED
SERVICED. BEARINGS INSPT.
RS & RIGGING PER MAINTENCE
TIMES, WARNING SYS OK &
NTING GEAR SYS LUBED PER
NOSE STRUT SERVICED.
T DUE 7/04 & EGT TESTED
CONTINUED →

DATE 2002	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-12-02	3668.4	CONTINUED →		PER FAR 91.20(d). C/W AD'S 76-07-12R1 BENDIX SWITCH.
				87-20-03R2 SEAT TRACKS & ROLLERS, CRACK IN L/H PILOTS HEAD
				NO CHANGE SINCE LAST INSPECT. 99-24-10 STANDBY VAC SYS.
				CK'ED MOVEMENT & LUBED, LICED CPS. SEB02-2A C/W B4
				INSPECTING HOSES & LINES, ALL OK. COMPLETE AD LIST ATTACHED.
				GASCOLATOR INSPECTED & CLEANED. B3-5-1 VACUUM FILTER INST.
				REPAIRED SHORT IN INT. PANEL LIGHTS, REPLACED (2) TRANSISTORS
				& (4) BULBS. SERVICED NOSE STRUT. COMPLETE AD LIST
				ATTACHED. Edward J. Gibson A&P 2632796
99-24-10	STANDBY VAC SYS - CPS & LUBED.			
87-20-03R2	SEAT TRACKS & ROLLERS - INSPT'ED.			
76-07-12R1	BENDIX 16 SWITCH - CPS & TEST.			
PROP.	T.T. 3668.4	SOH	1221.6	

Date 6-12-02 T.T. 3668.4 Tach: 3668.4
I certify that this A/C ~~engine~~ has been inspected in accordance with an annual/~~100hr~~ inspection and was determined to be in an airworthy condition. Edward J. Gibson

EDWARD J. GIBSON
A&P 2632796 IA

DATE 2002 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10/1				
				I certify that this aircraft has been tested and inspected in accordance with FAR 91.411 and FAR 43 Appendix E and is approved:__ Disapproved: ✓ for return to service. **Date:** 10/1/02 **Date Due;** ____ **W/O USAI** 2-0930-1459 **Signature;** Jeffrey L Bell ALT L6616 **U.S. Aircraft Instruments Inc.** ENG 3514232 **75 Academy Drive** **Hammonton, N.J. 08037** **USAI Form 137 609-567-4495 CRS# U3SR508J**
				I certify that this aircraft has been tested and inspected in accordance with FAR 91.413 and FAR 43 Appendix F and is approved: ✓ Disapproved:__ for return to service. **Date:** 10/1/02 **Date Due:** 10/31/0 **W/O USAI** 2-0930-1459 **Signature;** Jeffrey L Bell SN 6300 **U.S. Aircraft Instruments Inc.** **75 Academy Drive** **Hammonton, N.J. 08037** **USAI Form 138 609-567-4495 CRS# U3SR508J**

DATE 2002 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	D ENTRIES MECHAN
10/23	3696.3			TIGH
				INST
				SYST
				CRS U35
				ALT L66 ENG 35 USA

ECTIONS, TESTS, REPAIRS AND ALTERATIONS
WITH NAME, RATING AND CERTIFICATE NUMBER OF
TY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

t has been tested and inspected in
1.411 and FAR 43 Appendix E and
oved: ✓ for return to service.
W/O USAI2-0930-1459
L Bell

rcraft Instruments Inc.
5 Academy Drive
mmonton, N.J. 08037
609-567-4495 CRS# U3SR508J

aft has been tested and inspected in
91.413 and FAR 43 Appendix F and
roved:__ for return to service.
e: 10/31/0 W/O USAI2-0930-1459
Liffy L Bell

Aircraft Instruments Inc.
75 Academy Drive
mmonton, N.J. 08037
609-567-4495 CRS# U3SR508J

DATE 2002 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10/23	3696.3			TIGHTEN NUMEROUS STATIC LINES ON
				INSTRUMENTS AND STATIC PORTS
				SYSTEM LEAK CHECK GOOD.
				CRS U3SR508J Liffy L Bell

I certify that this aircraft has been tested and inspected in
accordance with FAR 91.411 and FAR 43 Appendix E and
is approved: ✓ Disapproved: __ for return to service.
Date 10/23/02 Date Due: 10/31/04 W/O USAI2-0930-1459
Signature: Liffy L Bell

ALT S/N
L666
ENG S/N
3514232

U.S. Aircraft Instruments Inc.
75 Academy Drive
Hammonton, N.J. 08037
USAI Form 137 609-567-4495 CRS# U3SR508J

AIRS AND ALTERATIONS AND CERTIFICATE NUMBER OF FOR OTHER SPECIFIC ENTRIES.)	DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Pg 1 / 1	4/28/03				**PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K** **LOG ID# 1197 28-April-2003 WO# 8408/1 AC TT 3727.0** **N52878 S/N ~~177RG1207~~ CESSNA C-177RG** **Pg 1 / 1**
Garmin GTX-330 e GTX-330 to ck. Verify Mode C d AC43.13 1B 15, section 17,					**** ITEM # 8408-1 Upgrade Autopilot **** Model: SYSTEM 55 ACTION: Removed existing SYS-50 control head and GPSS converter. Installed factory new STEC SYS-55X contoller. Inetrfaced unit to existing servos. This system is a trim-prompt system. Installed autopilot IAW S-TEC ST-878-C installation manual and STC SA09456AC-D. Ramp test autopilot operational. Calculate new weight and balance revise equipment list. Flight test autopilot operational. Programmer 55X p/n 01192-1-3 s/n 5706AG/AE **** ITEM # 8408-2 Remove ADF, re-locate WX900 **** ACTION: Remove ADF receiver and antenna. Make patch and install for loop antenna. Re-locate WX900 to pilot side panel. Ramp test / flight test operational. VFAR714K Peter Stelzenmuller 4/28/03 Date
73033					
WWD	8-6-0				IAMUNC.
79C					30.
					L/H
					T. MON.
					ADJUSTED NOSE DOORS & COWLING FIT. CK'D FLUID IN POWER PACK. CYCLED GEAR SQUENCE TIMES & LOWERED

CONTINUED →

PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K
LOG ID# 1197 28-April-2003 WO# 8408/1 AC TT 3727.0
N52878 S/N 177RG1297 CESSNA C-177RG

**** ITEM # 8408-1 Upgrade Autopilot ****
Model: SYSTEM 55
ACTION: Removed existing SYS-50 control head and GPSS converter. Installed factory new STEC SYS-55X contoller. Inetrfaced unit to existing servos. This system is a trim-prompt system. Installed autopilot IAW S-TEC ST-878-C installation manual and STC SA09456AC-D. Ramp test autopilot operational. Calculate new weight and balance revise equipment list. Flight test autopilot operational.

Programmer 55X p/n 01192-1-3 s/n 5706AG/AE

**** ITEM # 8408-2 Remove ADF, re-locate WX900 ****
ACTION: Remove ADF receiver and antenna. Make patch and install for loop antenna. Re-locate WX900 to pilot side panel. Ramp test / flight test operational.

4/28/03

VFAR714K Peter Stelzenmuller Date

TESTS, REPAIRS AND ALTERATIONS
ME, RATING AND CERTIFICATE NUMBER OF
ACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Pg 1 / 1

ctory new Garmin GTX-330
. Interface GTX-330 to
ndence check. Verify Mode C
0207-02 and AC43.13 1B
u section 15, section 17,

DATE 2003	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/28/03				PENN AVIONICS, INC. 767 Collegeville Rd Collegeville, PA 19426 VFAR714K LOG ID# 1197 -28-April-2003 WO# 8408/1 AC TT 3727.0 N52878 S/N 177RG1297 CESSNA C-177RG Pg 1 / 1 **** ITEM # 8408-1 Upgrade Autopilot **** Model: SYSTEM 55 ACTION: Removed existing SYS-50 control head and GPSS converter. Installed factory new STEC SYS-55X contoller. Inetrfaced unit to existing servos. This system is a trim-prompt system. Installed autopilot IAW S-TEC ST-878-C installation manual and STC SA09456AC-D. Ramp test autopilot operational. Calculate new weight and balance revise equipment list. Flight test autopilot operational. Programmer 55X p/n 01192-1-3 s/n 5706AG/AE **** ITEM # 8408-2 Remove ADF, re-locate WX900 **** ACTION: Remove ADF receiver and antenna. Make patch and install for loop antenna. Re-locate WX900 to pilot side panel. Ramp test / flight test operational. VFAR714K Peter Stelzenmuller 4-28-03 Date
8-6-03	3739.8		3739.8	C/W ANNUAL INSPECTION PER CESSNA 177RG SERVICE MANUAL. ALL WHEELS REMOVED & BEARINGS CLEANED & SERVICED. BRAKES INSPECTED & FLUID SERVICED. FOUND LOOSE L/H GEAR SADDLE LOOSE - R&R & ADJUSTED PER MAINT. MAN. ADJUSTED NOSE DOORS & CONTROL FIT. CK'D FLUID IN POWER PACK. CYCLED GEAR SEQUENCE TIMES & LOWERED

CONTINUED →

23033
WUD
79C

N52878

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-6-03	3739.8		3739.8	EMERGENCY EXTINGUISH. ALL SAFETY SYSTEMS & WARNING
				CK'TD. LUBED GEAR. GOSCOLITOR CLEANED & SERVICED.
				MUGGLINS INSPECTED & COMPLETE EXHAUST SYSTEM.
				INSTALLED NEW BA 5710 FILTER ELEMENT. NEW VACUUM
				FILTERS INSTALLED B3-5-1 & D9-18-1. INSTALLED NEW
				OWNER SUPPLIED P/A EMSC INSTRUMENT PANEL. ELT
				TESTED PER FAR 91.207(d) & BATT GOOD THRU 7/04. A/C
				BRACKET SERVICED. CLW TAG FOLLOWING AD'S -
				76-07-01 R1 BENDIX 16 SWITCH - OIC
				87-20-03 R2 SEAT TRACKS & ROLLERS - INSPECTED SB836
				99-24-10 PREVENT FUEL - SVS II INST. - INSPT & LUBE
				COMPLETE AD LIST ATTACHED. - END -
				Edward J Gibson A&P 2632796
				PROP T.T 3739.8
				PROP SUM 1293

Date 8-6-03 T.T. 3739.8 Tach. 3739.8
I certify that this AC/~~engine~~ has been inspected in accordance with an annual/~~100hr~~ inspection and was determined to be in an airworthy condition.

Edward J Gibson
EDWARD J. GIBSON
A&P 2632796 IA

DATE 2005	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENTRIES MECHA
03-08-05	3763.4		3763.4	ENGINE
				FACTORY
				INSTALL
				OVERHA
				BY EAS
				INSTALL
				HOSES
				AIR FIL
				(2) NGU
				NOSE G
				S/N 208
				L&R G
				20522
				INSTALL
				SERVICE
				NEW Z
				CENTER
				BOTH

;, REPAIRS AND ALTERATIONS ATING AND CERTIFICATE NUMBER OF 'AGES FOR OTHER SPECIFIC ENTRIES.)	DATE 2005 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
L SAFETY SYSTEMS & WARNING	03-08-05	3763.4		3763.4	ENGINE AND PROPELLER REMOVED FOR OVERHAUL. LYCOMING
OUTLOR CLEANED & SERVICED.					FACTORY RE-MAN ENGINE M/N IO-360-A1B6D S/N RL-258225-1A
PLETE EXHAUST SYSTEM.					INSTALLED. NEW (4) J9613-59 ENGMOUNTS INSTALLED. OIL COOLER
ION EQUIPMENT. NEW VACUUM					OVERHAULED BY SOUTHWEST OIL COOLER. PROP. GOVERNOR OVERHAULED
09-18-1. INSTALLED NEW					BY EAST COAST PROP. NEW McCAULEY B2D34C207-B S/N 040556
TRUMENT PANEL. ELT					INSTALLED. R/H MUFFLER OVERHAULED. ALL NEW ENGINE COMPT.
30 DAY GOODTHRU 7/04. A/C					HOSES INSTALLED (SOME SUPPLIED BY LYCOMING). NEW BA5705
S FOLLOWING AD'S-					AIR FILTER ELEMENT. NEW $1597-1-37.5 AUT. BELT INSTALLED.
CH - OK					(2) NEW $1115-29 COWL MOUNTS INSTALLED. INSTALLED (2) NEW
OLLINS - INSPECTED SB583-6					NOSE GEAR HINGES. LANDING GEAR POWER PACK P/N 988111-01
SVS II INST.-INSPT & LUBE					S/N 208 REMOVED & OVERHAULED BY AIR PARTS OF LOCKHAVEN.
SCHED. - END -					L&R COWL FLAPS REPLACED W/ NEW 2052011-2 & -1 AND NEW
32796					2052012-3 HINGE PINS INSTALLED. (2) NEW FUEL DRAIN TUBES
T. 3739.8 Tach: 3739.8					INSTALLED 2000010-87 & -88. GASCOLATOR CLEANED AND
AC/~~engine~~ has been inspected					SERVICED. THE FOLLOWING BELLY SKINS WERE REPLACED WITH
h an annual/~~100hr~~ inspection					NEW 2011000-7 CTR BELLY, 2012020-13, 2013000-2
~~ned to be in an airworthy~~					CENTER BELLY, 2012068-1 SKIN. 2012081-1 VENT SCOOP.
Edward J. Gibson					BOTH GEAR WELL LINERS 2012070-5 & -6. NEW
EDWARD J. GIBSON A&P 2632796 IA					

CONTINUED NEXT PAGE →

DATE 2005 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
03-08-05	3763.4		3763.4	CONTINUED → MISC STRINGERS & BULKHEADS REPAIRED AS
				REQUIRED W/ RIVITED DOUBLERS. ALL WHEEL BEARINGS CLEAN
				& SERVICED. BRAKES CLEANED & SERVICED. LANDING GEAR
				RESIVOIR FILLED W/ MIL-5606. LANDING GEAR CYCLED
				NUMEROUS TIMES, ADJUSTED PER CESSNA MAINT. MAN.
				FLUIDS RE-SERVICED. NEW (2) KAGO DME & TRANSPONDER
				ANTENNAS' AND AV 569 MARKER ANTENNA INSTALLED.
				MISC ENG COMPT. SEAT HUSG REPLACED A/R. BAFFLING
				REPAIRED & MATERIAL REPLACED A/R. INSTALLED BOTH
				PILOTS SEAT RAILS 2011015-5 & 9. INSPECTED CO-PILOTS
				PER AD 87-20-03R2 PILOTS NEXT DUE @ 4763 & CO-PILOTS
				DUE @ 3863. C/W AD 99-24-10 STAND-BY VAC SYSTEM
				BY INSTALL & INSPECTION. AD 76-07-12R1 BENDIX
				16 SWITCH - OPS & FUNCTIONAL CHECK. COMPLETE AD
				LIST ATTACHED. ALL CONTROL MOVEMENTS CHECKED &
				ENTIRE AIRCRAFT LUBED PER C-177RG MAINT. MAN.
			↓	NEW ELT BATTERY INSTALLED, BP1020, NEXT DUE AT
				11/06 & ELT TESTED PER FAR 91.207(d). NEW

DATE 2005 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	D ENTRIES MECHAN
03-08-05	3763.4		3763.4	CONTINU
				Total
				Date
				I cert
				in ac
				and
				cond

S, TESTS, REPAIRS AND ALTERATIONS (NAME, RATING AND CERTIFICATE NUMBER OF BACK PAGES FOR OTHER SPECIFIC ENTRIES.)	DATE 2005 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
ONS & BULKHEADS REPAIRED AS	03-08-05	3763.4		3763.4	CONTINUED → SKINS PRIMED, ETCH, ALODINE & RE-FINISHED.
ONS. ALL WHEEL BEARINGS CLEAN					Edward J Gibson A&P 2632796 C
BD & SERVICED. LANDING GEAR					Date 03-08-05 T.T. 3763.4 Tach: 3763.4
.OC. LANDING GEAR CYCLED					I certify that this AC/~~engine~~ has been inspected
TED PER CESSNA MAINT. MAN.					in accordance with an annual/~~100hr~~ inspection
) KA 60 DME & TRANSPONDER					and was determined to be in an airworthy
MARKER ANTENNA INSTALLED.					condition.
USG REPLACED A/R. BAFFLING					Edward J Gibson
SPLICED A/R. INSTALLED BOTH					EDWARD J. GIBSON
-5 & 9. INSPECTED CO-PILOTS					A&P 2632796 C
TS NEXT DUE @ 4763 & CO-PILOTS					
24-10 STANDBY VOR SYSTEM					
J. AD 76-07-12R1 BENDIX					
TIONAL CHECK. COMPLETE AD					
NTROL MOUNTS CHECKED &					
D PER C-177RG MAINT. MAN.					
TALLED, BP1020, NEXT DUE AT					
ER FAR 91.207(d). NEW					

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K

Altimeter Scale Error

Correction Card

TEST PT(FT)	Indicator Reading at +25c
-1,000	-990
0	10
500	510
1,000	1020
1,500	1520
2,000	2020
3,000	3020
4,000	4030
6,000	6030
8,000	8010
10,000	10020
12,000	12020
14,000	14010
16,000	16040
18,000	18050
20,000	20050
22,000	
25,000	

TEST	Indicator Reading at +25c
30,000	
35,000	
40,000	
45,000	
50,000	
55,000	
60,000	
70,000	
80,000	

Altimeter Position	
Pilot	✓
Copilot	

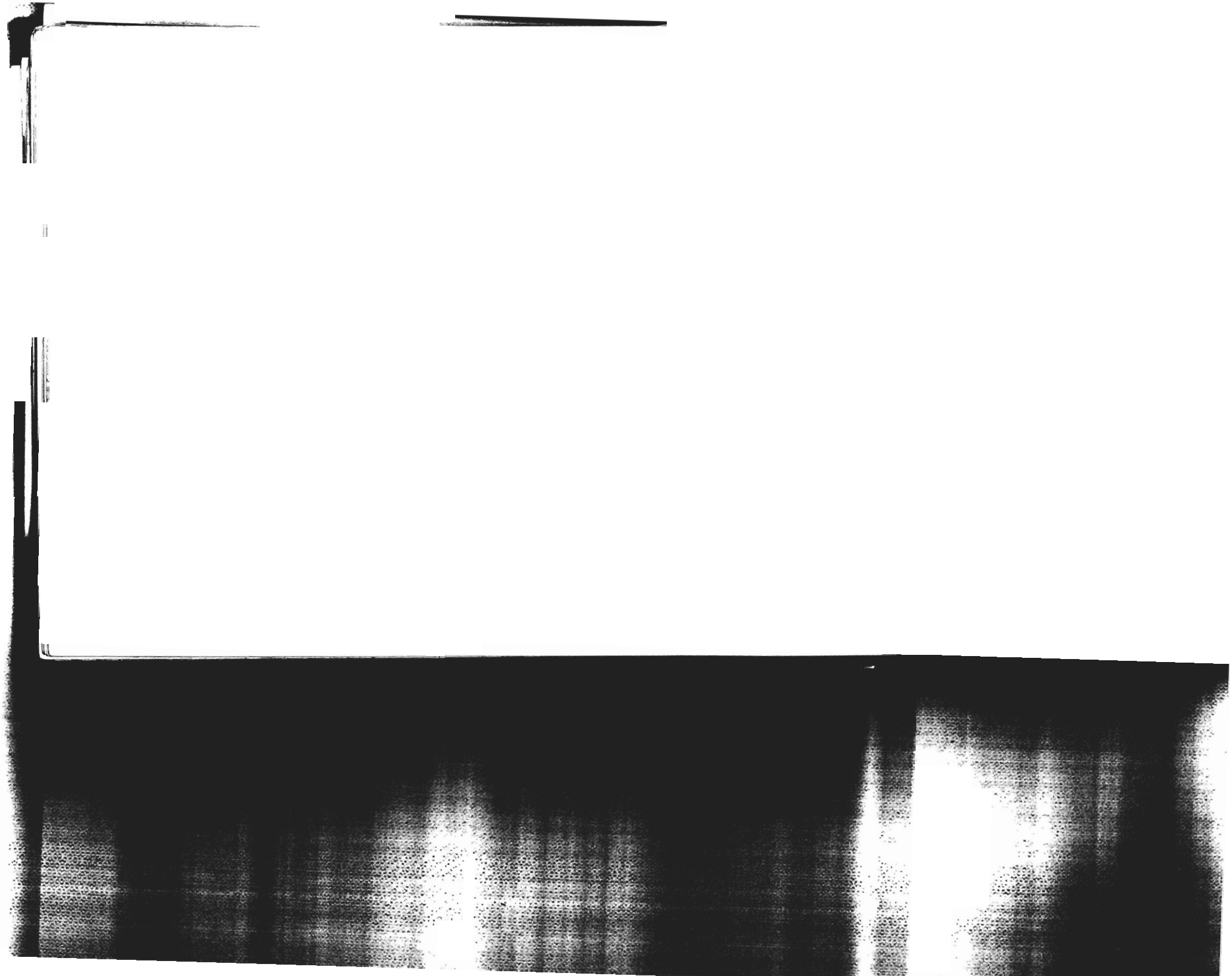
ALT. S/N L6616

DATE 9-20-05

DOC# ECC123

N528778

5TX330
SN84100161



AND ALTERATIONS
) CERTIFICATE NUMBER OF
OTHER SPECIFIC ENTRIES.)

BY FAR
Y WITH

DATE 2005 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-7-05	3770.6			Jacked aircraft. Replaced nose gear door hinge on right side using PN 2052009-2. Adjusted nose gear doors as necessary. Did gear retraction checks normal & emergency extension several times. Checked O.K.
				Samuel Barnes
				A&P 2426444424
1/9/06				AIRBORNE VOR CHECK BZM VOR @ 33 DME
				#1 NAV = 120°
				#2 NAV = 118°
				GR [illegible] 199899 1/9/06

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG	03606
4. Organization Name and Address: FALCON AIRCRAFT ACCESSORIES (480) 396-4211 4610 E. FIGHTER ACES DRIVE MESA, AZ 85215		5. Work Order/Contract/Invoice Number: 5421

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ALTERNATOR	DOFF10300B	TBV BY INSTALLER	1	FA1740A	OVERHAUL

13. Remarks:

OVERHAULED IN ACCORDANCE WITH PUB# D5107-1-13 8/2/93

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:	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.: F8ZR871Y
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): LEN TAYLOR	23. Date (m/d/y): 12/29/05

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

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

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

1. Approving National Aviation Authority/Country: FAA/UNITED STATES

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

3. Form Tracking Number: 1187694

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

5. Work Order/Contract/Invoice Number: 585909

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
8	WICK	C592001-0201	02	1	N/A	New

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

PO# DAVE

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

15. Authorized Signature:

16. Approval/Authorization No.: 1001290E

17. Name (Typed or Printed): KENNETH E. WYSOCKI SR., ODARF

18. Date (m/d/y): FEB/03/2006

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 a[illegible], aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircra[illegible] be flown.

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

---

1. Approving National Aviation Authority/Country: FAA/UNITED STATES

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

3. Form Tracking Number: 1189103

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

5. Work Order/Contract/Invoice Number: 586299

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
19	SEAL	S1817-1	177	00015	30/04	New

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

(N52878)

PO# 18112

14. Certifies the items identified above were manufactured in conformity to:
X 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 19
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:

16. Approval/Authorization No.: 1001290E

17. Name (Typed or Printed): BILLY G. PRICHARD, ODARF

18. Date (m/d/y): FEB/06/2006

20. Authorized Signature:

21. Approval/Certificate No.:

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.

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

DATE 2006	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	3805		3805	
				02/17/2006 Tach: 3805 Replaced alternator with P/N DOFF 10300B; installed regulator P/N C611004-0102; installed Lonestar noise filter. Operational test shows satisfactory. Resealed both brake master cylinders using M828775-110 seal rings, lock o-seals. Bled and serviced both brake systems with 5606. Brake functional test satisfactory. Darrell R. Noble Darrell R. Noble A&P526177036

DATE 2006	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	E M
				04/21/2006 Tach & TTIS: 3813 Inspected aircraft using the Cessna Service as a guide. Lubed all pulleys and bellcranks due 11/06. ELT checked for "G" switch func strength. Control surface travels and tensio L/H aileron adjusted. All wheel bearings cle and repacked. Replaced vacuum pump foar B3-5-1. *Replaced induction air filter elemer* Replaced nose gear actuator hoses. Nose g removed, resealed, tested and reinstalled. actuator link pad. Landing gear retraction t satisfactorily. Replaced static wick on lowe Replaced loose rivets in nose cowl. Baggag replaced by owner/operator. Hobbs meter unit. Replaced master switch with new unit removed, cleaned, inspected and reinstalle rings. Complied with the following A.D.s: 7 inspection and lube; 87-20-03R2 by inspec measurement; 05-14-11 N/A not O/H at th R1 by operation; 06-06-16 crankshaft not biweeklies checked thru 2006-08. I CERTIF AIRCRAFT HAS BEEN INSPECTED IN ACCO *ANNUAL INSPECTION AND HAS BEEN DETI* AN AIRWORTHY CONDITION. Darrell R. Noble Darrell R. Noble IA526177036

IRS AND ALTERATIONS AND CERTIFICATE NUMBER OF FOR OTHER SPECIFIC ENTRIES.)
lled regulator P/N
erational test
cylinders using
erviced both
atisfactory.

DATE 2006	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				04/21/2006 Tach & TTIS: 3813 Inspected aircraft using the Cessna Service Manual checklist as a guide. Lubed all pulleys and bellcranks. ELT battery next due 11/06. ELT checked for "G" switch function and signal strength. Control surface travels and tensions checked and L/H aileron adjusted. All wheel bearings cleaned, inspected and repacked. Replaced vacuum pump foam filter with P/N RA B3-5-1. *Replaced induction air filter element P/N BA 5705.* Replaced nose gear actuator hoses. Nose gear actuator removed, resealed, tested and reinstalled. Replaced nose gear actuator link pad. Landing gear retraction test performed satisfactorily. Replaced static wick on lower rudder position. Replaced loose rivets in nose cowl. Baggage door seal replaced by owner/operator. Hobbs meter replaced with new unit. Replaced master switch with new unit. Fuel strainer removed, cleaned, inspected and reinstalled using new o-rings. Complied with the following A.D.s: 72-03-03R3 by inspection and lube; 87-20-03R2 by inspection and measurement; 05-14-11 N/A not O/H at this facility; 76-07-12 R1 by operation; 06-06-16 crankshaft not listed in tables. A.D. biweeklies checked thru 2006-08. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN *ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN* AN AIRWORTHY CONDITION. Darrell R. Noble Darrell R. Noble IA526177036

Approving National Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 06-289832

Organization Name and Address:

L-3 Communications Avionics Systems, Inc.
Repair Station Certificate No. NN2R037L
5353-52nd Street S.E
Grand Rapids, Michigan 49512-9704

5. Work Order/Contract/Invoice No. 289832

Item	7. Description	8. Part Number.	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/ Work
1	WX-900	78-8060-5960-2	N/A	1	JNP0990591 3	Repaired

. Remarks: **RETURN TO SERVICE**

it complies with pertinent Airworthiness Directives and Service Bulletins.

it was inspected, tested, and meets all specification requirements of Spec. No. 012-10197.001 Rev. E

ork completed on 6/22/06 by V. [illegible]

r work details see Service Work Report # 289832

Note: This certifies that the work specified in Block 12/13 was carried out in accordance with EASA-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Certificate Number EASA.145.4260.

. Certifies that 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.

. Authorized Signature	16. Approval/Authorization No.	20. Authorized Signature: Mark Wright	21. Approval/Certificate No. NN2R037L
Name (Typed or printed)	18. Date (m/d/y)	22. Name (Typed or Printed) MARK WRIGHT	23. Date (m/d/y) 6-22-06

Airworthiness Approval Tag
User/Installer Responsibilities

s 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 ordance 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 /her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

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DATE 2006 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/21/06	3813		3813	Fuel pump manufacturers code : LW-15473 1604. Mandatory service bulletins 548, 548A, + 565 do not apply to the fuel pump currently installed on this air craft based on date of manufacture Angelo A. Petropolis, owner/operator Angelo Petropolis
6/16/06	3828		3828	06/16/2006 Replaced starter with Skytek 149 NL. Replaced engine baffle section around starter. Function test shows satisfactory. Strikefinder removed from instrument panel for repair. Darrell R. Noble A&P526177036
7/7/06	3830		3830	WX-900 Stormscope repaired, retested and re-certified by L3 communications, & returned to service on 6/22/06. Unit re-installed. All internal tests indicate O.K. Angelo A. Petropolis, owner/operator / 527-13-5063 Angelo Petropolis

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	EN ME
7/7/06	Inspected instal owner/operator.			
	10/20/2006 Tach: 3870.4 Replaced alternator lead terminals. Owner/ope battery with Merl P/N BP 2020. ELT checked fo switch function. ELT battery due 11/08. Darrell R. Noble A&P526177036			

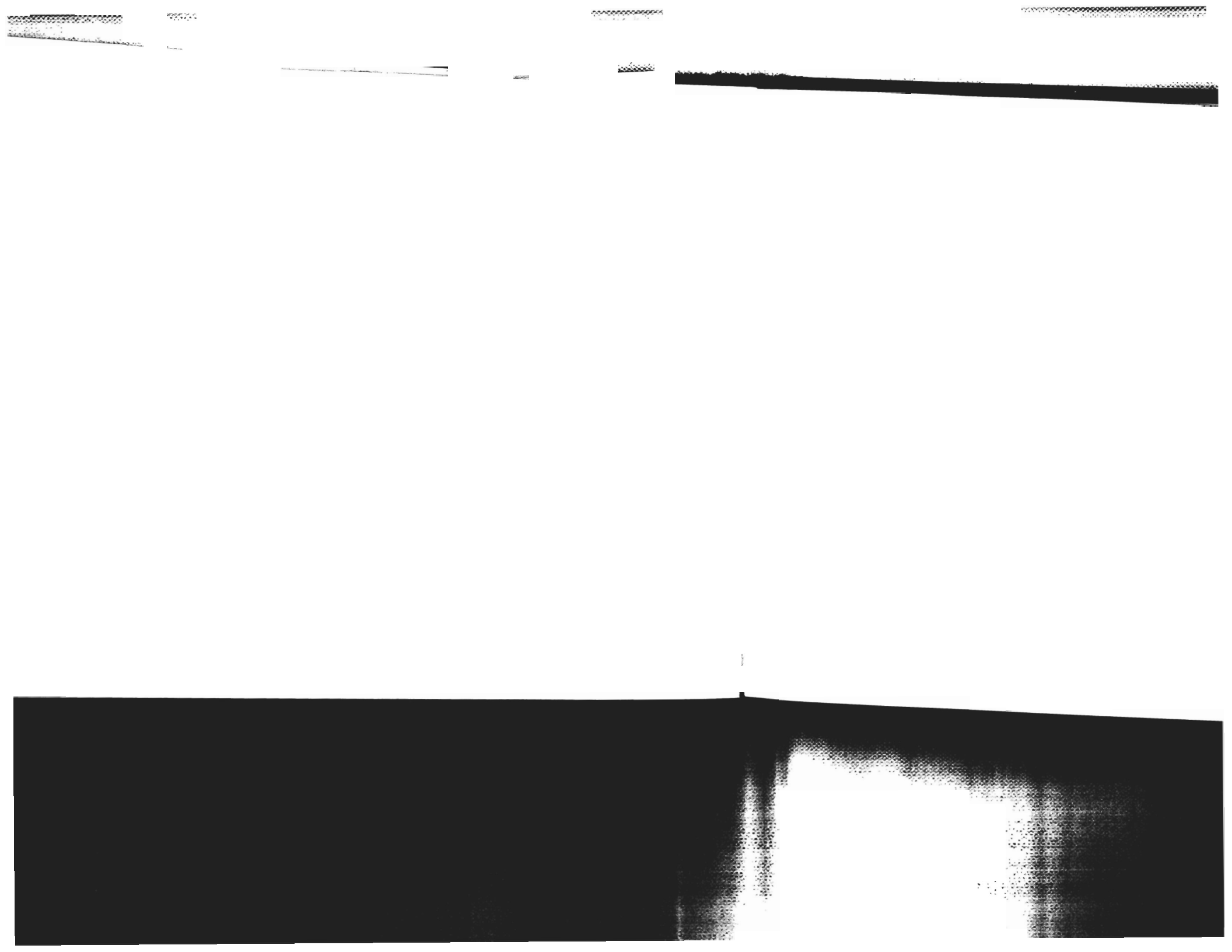
AND ALTERATIONS CERTIFICATE NUMBER OF OTHER SPECIFIC ENTRIES.)	DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
: LW-15473	7/7/06				Inspected installation of WX-900 Stormscope by
bulletins					owner/operator. Darrell R Noble A&P526177036
apply to the					
on this					
anufacture					
a for Aprb Analyzer					
engine baffle					
isfactory.					
repair.					
ired, retested					
munications.					
/06. Unit					
indicate O.K.					
1.13-5063					

10/20/2006 Tach: 3870.4
Replaced alternator lead terminals. Owner/operator replaced ELT battery with Merl P/N BP 2020. ELT checked for signal strength, G switch function. ELT battery due 11/08.
Darrell R Noble
Darrell R. Noble A&P526177036

DATE 2006 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/12	3895.4			N52878 12/12/2006 Tach: 3895.4 Installed new master switch Cessna P/N S1994-1-1. Replaced alternator overhauled by Kelly Aerospace P/N DOFF10300BR S/N G082802. Replaced alternator wiring terminals. Operation shows normal. Darrell R Noble Darrell R. Noble IA526177036
12/16	3899.2			N52878 12/16/2006 Tach: 3899.2 Removed alternator, P/N DOFF10300B; S/N G082802, overhauled by Kelly Aerospace for inoperative condition. Darrell R Noble Darrell R. Noble IA526177036

DATE 2007 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
1/13	3899.2		
2/16	3912.1		

RATIONS E NUMBER OF IFIC ENTRIES.)	DATE 2007 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	1/13	3899.2			01/13/2007 Tach: 3899.2 Leaking nose gear shock strut disassembled, inspected, and repaired as outlined in sections 5A-91 & 5A-92 of the Cessna Service Manual. Installed new O-rings P/N MS28775-228 (AN6230-6) and P/N MS28775-329 (AN6227B-32). Nose gear strut filled with MIL-H-5606G hydraulic fluid and pressurized with nitrogen to 38 psi, as specified by the Cessna Repair Manual. Inspected for leaks. Strut repair performed by Angelo A. Petropolis, Private Pilot 527139063. Alternator replaced with Kelly overhauled unit P/N DOFF10300B, S/N G122145. Replaced OV relay with Zeftronics P/N V25101. Operational test shows satisfactory. Darrell R. Noble Darrell R. Noble A&P526177036
or					
Kelly					
	2/16	3912.1			Date: 02/16/2007 Tach: 3912.1 Hobbs: 114.9 Removed Astrotech LC-2 Chronometer and installed Davtron M800-28 Chronometer S/N 21919 utilizing existing 28V supply protected by 1 A fuse. Ops check OK. ---------- [signature] — A&P 3022499



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				05/17/2007 Tach & TTIS: 3937.5 Inspected aircraft using the Cessna Service Manual checklist as a guide. Lubed all pulleys and bellcranks. ELT battery next due 11/08. ELT checked for "G" switch function and signal strength. Control surface travels and tensions checked. Replaced main gear tires with Goodyear Flight Custom III. Replaced all brake linings w/RA66-105 and piston o-rings. Brakes bled and serviced with 5606. All wheel bearings cleaned, inspected and repacked. Replaced vacuum pump foam filter with P/N RA B3-5-1.Serviced aircraft battery. Replaced induction air filter element P/N BA 5705. L/H down lock actuator removed, resealed, tested and reinstalled. Landing gear retraction test performed satisfactorily. Replaced loose rivet in nose cowl. Fuel strainer removed, cleaned, inspected and reinstalled using new o-rings. Owner/operator repaired various plastic interior pieces. Owner/operator replaced fresh air vent hoses with scat tubing and replaced ceiling insulation with dense foam insulation. Installed gear motor operating light connected at pump motor input. Form 337 submitted this date. Complied with the following A.D.s: 72-03-03R3 by inspection and lube; 87-20-03R2 by inspection and measurement; 76-07-12 R1 by operation. A.D. biweeklies checked thru 2007-09. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. Darrell R. Noble Darrell R. Noble IA526177036

DATE 2007	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/17	3937.6			Date: 05/17/2007 Tach: 3937.6 Remove Garmin GTX330 transponder and perform software update to Version 4.06 per Garmin Software Bulletin #0626. Bench check unit for proper operation. Reinstall unit. Authorized signature: Alan L. Brown SOUTHWEST AEROTECH 1800A AIRPORT AVE SIERRA VISTA, AZ 85635 FAA CRS #W8ER629Y
8/1	3974.3			Shimmy dampener serviced per Cessna service manual section 2-26 & 5-71. All O-rings replaced. No leaks. ~~Returned to service~~ Angelo A. Petropolis, owner/operator Private Pilot / Owner Cert. # 527-13-9063 Angelo A. Petropolis
8/01/2007		Inspected		shimmy damper seal replacement & service and found work conforms to Service Manual instructions. Darrell R. Noble 526177036 A&P

DATE 2007	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTI ENTRIES MUST B MECHANIC OR F
8/25	~~3987.6~~ 3987.7			Date: 08/25/07 Tach: 3987.7 PS Engineering au by manufacturer by Adjusted unswitche All work accomplisl Authorized signatu Southwest AeroTec 1800A Airport Ave. Sierra Vista, AZ 85 FAA Certified Repa Ph: 520-459-3640
8/25	3987.7			Airframe: 08/25/2007 Tach: Replaced neopren Darrell R. Noble A

EPAIRS AND ALTERATIONS IG AND CERTIFICATE NUMBER OF ES FOR OTHER SPECIFIC ENTRIES.)	DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	2007				
	8/25	~~3987.6~~			Date: 08/25/07
		3987.7			Tach: 3987.7
n software update to					PS Engineering audio panel PMA-7000M-S, S/N G02369-E02330 repaired
Bench check unit for					by manufacturer by installing new transmit select switch under W.O.# 10736.
					Adjusted unswitched audio line volume from autopilot with resistance inline.
					All work accomplished under W.O.# 7168.
					Authorized signature:
					Southwest AeroTech
					1800A Airport Ave.
					Sierra Vista, AZ 85635
					FAA Certified Repair Station W8ER629Y
					Ph: 520-459-3640 Fax: 520-459-3647
ervicel per	8/25	3987.7			Airframe:
1a/ section					08/25/2007 Tach: 3987.7
11 O-rings					Replaced neoprene chafe strip on nose gear link.
. ~~Returned~~					
Petropolis, owner/operator					Darrell R. Noble A&P526177036
nt. # 527-13-9063					
placement & service					
nstructions.					
Noble 526177036 A&P					

DATE 2007 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/26	4004.1			Date: 09/26/2007 Tach: 4004.1 Removed PS Engineering PMA 7000 audio panel for return to factory for repair. Factory replaced top PCB, tested to full specifications and issued new S/N G02369-J09175 under W.O# 10841. Reinstalled and operational check OK. Further details on file under W.O.# 1186. Authorized signature: [signature] Southwest AeroTech 1800A Airport Ave. Sierra Vista, AZ 85635 FAA Certified Repair Station W8ER629Y Ph: 520-459-3640 Fax: 520-459-3647

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE

DATE 2008 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/27	4014.4		4014.4	

Beegles
Aircraft Service, Inc.
Quality Service Since 1946

GREELEY, CO
REPAIR STATION BX4R092M
(970) 353-9200

02-27-08 Hobbs 230.20 Tach 4014.40 N52878 sn 177RG1297

Disassembled aircraft: LH & RH wings, stabilator, and rudder previously removed by Air Transport, Inc. Removed engine, propeller, interior as required, nose gear assembly, and main landing gear springs. Repaired fuselage: Repaired RH upper firewall pn 2013101-2 at Station 59.00. Replaced upper firewall stiffener pn 2013046-1 at Station 59.00. Replaced RH upper firewall gusset pn 1713104-7 at Station 59.00. Replaced LH upper firewall gusset pn 1713104-7 at Station 59.00. Replaced RH upper engine mount stringer pn 1713006-1 at Stations 59.00 to 75.00. Replaced LH upper engine mount stringer pn 1713006-9 at Stations 59.00 to 75.00. Replaced RH lower engine mount stringer pn 1713003-4 at Stations 59.00 to

Continued next page —>

DATE 2008 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/27	4014.4		4014.4	Continued from previous page ↓

75.00. Replaced LH upper engine mount fitting pn 1713007-1 at Station 59.00. Replaced RH upper engine mount fitting pn 1713007-2 at Station 59.00. Replaced LH forward side skin pn 2013000-11 at Stations 54.00 to 75.00. Replaced RH forward side skin pn 2013000-12 at Stations 54.00 to 75.00. Replaced RH outboard floorboard pn 2013001-4. Replaced stand-by vacuum control cable pn 50040. Replaced stall warning circuit breaker pn 11-03941. Replaced engine mount assembly pn 2051000-1 sn K4911 from Kosola & Associates, Inc. CRS# HE4R229M WO# 34911. Repaired RH wing - replaced: Rib pn 1221040-131 at Station 26.00, Lower trailing edge skin pn 1722002-10 at Stations 26.00 to 136.00, Upper trailing edge skin pn 1722002-2 at Stations 26.00 to 136.00, and Close-out skin pn 1722002-5 at Stations 26.00 to 40.00. Repaired stabilator - replaced: LH leading edge skin pn 1732003-19. Performed painted static balance. Results: 17.50 inch lbs. Range is -5.00 to 18.10 inch lbs. Repaired RH flap - replaced: Inboard skin pn 1221007-20 and Outboard skin pn 1221007-22. Reassembled aircraft: Reinstalled LH & RH wings. Routed and reconnected all electrical, plumbing, and control cables. Reinstalled RH flap and RH aileron. Rigged flap and aileron system. Performed operational check. Reinstalled stabilator assembly with new attaching hardware. Checked stabilator rigging. Performed operational check. (Rigging not affected). Reinstalled rudder with new attaching hardware.

Continued next page →

DATE 2008 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/27	4014.4		4014.4	Continued from previous page

Performed operational check to rudder system (Rigging not affected). Performed pitot static leak check in accordance with Barfield 1811F-D. Reinstalled interior as required. Replaced wing root fresh air scat ducting. Installed Maple Leaf Aviation Limited STC # SA01386NY by installation of fiberglass reinforced plastic nacelle fairing (exhaust fairing) pn EP5001-001 in accordance with DOT approved Maple Leaf Installation Drawing Number EP5003 (Cessna 177RG Aircraft) and EP5004 dated August 8, 2001. See FAA 337 dated 02-27-08. Repaired nose landing gear: Disassembled, cleaned, and inspected. Replaced lower fork and tube assembly pn 2043000-201. Replaced pin/base plug pn 0841200-56. Resealed nose gear assembly with seal kit pn SK172-1F. Reassembled nose gear assembly with new attach hardware. Replaced steering bellcrank bolt pn AN5-31A. Replaced valve body pn S1827-1. Serviced with Mil-5606 hydraulic fluid and nitrogen charge. Replaced wheel assembly pn D30500. Replaced tire Goodyear FSII 5.00x5x4ply. Replaced axle tube pn 0543003, axle spacers (2) pn 0543037-1, and ferrule (2) pn 0543001. Disassembled, cleaned, and inspected drag brace assembly. Replaced drag brace bushing pn NAS77-5-40 and bolt pn 2043015-6. Reinstalled nose gear assembly with new attach bolts pn NAS464-6LA33 and up-lock spring pn 1414116-2. Reinstalled drag brace, replaced forward attach bolt pn 2043015-5, bushings (2) pn NAS27-5-34, aft bolts (2) pn NAS464-5-33, and bushings (2) pn NAS77-5-024.

Continued next page →

DATE 2008 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/27	4014.4		4014.4	Continued from Previous Page ↓

Replaced shock pad pn 2043006-24. Replaced lock spring pn 2043010-2. Repaired main landing gear: Replaced LH gear spring pn 2041005-3. Replaced RH gear spring pn 2041005-4. Replaced LH pivot pn 2041030-12. Replaced RH pivot pn 2041030-13. Replaced sector gear pn 2081001-10. Replaced RH brake disc pn 164-30615-1. Replaced LH brake line pn 2000010-2. Replaced RH tire Goodyear FCII 15.00x6x6 ply. Rigged landing gear system: Assembled main landing gear system with new attach hardware. Performed gear system rigging. Performed several retraction and extension cycles. Adjusted LH & RH main wheel alignment. Reinstalled Lycoming IO-360-A1B6D sn RL-25822-51A after repairs from Western Skyways, Inc. CRS# WS9R575J WO# 22351. Torqued and saftied mounts as required. Routed and reconnected all lines, hoses, electrical, and controls. Reinstalled existing baffles and mounts. Replaced muffler pn 2054000-38 after overhaul from Aerospace Welding Minneapolis, Inc. CRS# UWDR792L WO# 113267. Replaced muffler pn 2054000-42 after overhaul from Aerospace Welding Minneapolis, Inc. CRS#

UWDR792L WO# 113266. Reinstalled McCauley governor Model # C290D3K/T12 sn 773749 after overhaul from Redline Aviation CRS# R62R296Y WO# 281. Installed per Lycoming Service Instructions #1438A. Installed overhauled vacuum pump Model 215CC sn 55656 from Aero Accessories, Inc. CRS# YV4R688M WO# 58145. Verified service instruction 1508A, proper magneto hold down clamp. Serviced with Aeroshell 80 non-

Continued next page →

DATE 2008	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/27	4014.4		4014.4	Continued from previous page ↓

detergent oil. Pre-oiled, test run, and checked for leaks. All systems, temperatures, RPM's, and pressures normal. Installed new McCauley propeller Model # B2D34C207-B/G-78TCA-0 sn 071546. Torqued and saftied as required. Repainted aircraft repairs as required: repainted forward fuselage, RH wing, RH flap, RH aileron, and stabilator with Imron 5000 White # N0006, Green # N4625, and Gold # N4059. Performed painted static balance check to RH aileron. Results: 14.30 inch lbs. Range is 10.00 to 19.50 inch lbs.

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

LIMITED TO THE WORK PERFORMED

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.

Work Order # 10,799 CRS BX4R092M

Signed Scott Vannatel

2/27	4015.4		4015.4	

Date 2-24-08 Tach 4015.4 N 52878

Performed operational test flight in accordance with FAR 91.407 Paragraph (b).

Signed Vernon K Moss IA 263006482

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2008 2/27	4015.4		4015.4	

Advanced AeroTechnologies Group, LLC 622 Ed Beegles Lane Greeley/Weld County Airport Greeley, CO
LOG ID# 509 27-February-2008 WO# 674/1
N52878 S/N 177RG1297 CESSNA 177RG **Pg 1 / 1**

**** ITEM # 674-1 24 Month Inspection ****
DISCREPANCY: 24 Month Inspection
ACTION: This aircraft's Pitot/Static system has been inspected and tested in accordance with FAR part 43 Appendix E, and have been found to comply with FAR 91.411.
Leak rate 85 ft/min. Tolerance 100 ft/min. Pitot heat test good.
General condition good. Debris, Moisture, Obstructions Clear.
Tested by George Aikens Cert. 2732175 Date 02/27/2008.
This aircraft's Altimeter and Altitude reporting equipment have been inspected and tested in accordance with FAR 43 appendix E and F and have been found to comply with FAR 91.411
Tested in-house
Pilots Altimeter s/n L6616 tested to 20,000 ft. Altitude.
Altitude Encoder p/n AK350 tested to 20,000 ft. Altitude.
Tested by George Aikens Cert. 2732175 Date 02/27/2008.
This aircraft's ATC transponder system have been inspected and tested in accordance with FAR 43 appendix F and have been found to comply with FAR 91.413
Transponder GTX330 p/n 011-00455-00 s/n 84100161
Tested by George Aikens Cert. 2732175 Date 02/27/2008.

Signed CRS# Y5AR767X George Aikens 02/27/08
Date

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2008 3/11	4028.4		4028.4	

Date: 03/11/2008
Tach: 4028.4

Performed Garmin software service bulletin 0740 Rev. A to upgrade GNS 430W main software to version 3.00 and GPS software to version 3.0. New approved airplane flight manual supplement 190-00356-03 Rev. A dated 11/20/07 inserted. Further details on file under W.O.# 1309.

Authorized signature: David Isaak

Southwest AeroTech
1800A Airport Ave.
Sierra Vista, AZ 85635

FAA Certified Repair Station W8ER629Y
Ph: 520-459-3640 Fax: 520-459-3647

INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
WITH NAME, RATING AND CERTIFICATE NUMBER OF
TY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

05/17/2008 Tach & TTIS: 4052.5
Inspected aircraft using the Cessna Service Manual checklist as a guide. Lubed all pulleys and bellcranks. ELT battery next due 11/08. ELT checked for "G" switch function and signal strength. Control surface travels and tensions checked. Re-rigged rudder trim system in accordance with service manual instructions. . Owner/operator replaced R/H brake swivel fitting P/N 1280111-1. Brakes bled and serviced with 5606. Replaced landing gear throttle switch P/N S2224-1 and adjusted in accordance with service manual instructions. Replaced squat switch P/N 602EN67-6B and adjusted in accordance with service manual instructions. Landing gear retraction test performed satisfactorily. Replaced vacuum pump foam filter with P/N RA B3-5-1.Serviced aircraft battery. Replaced induction air filter element P/N BA 5705. Fuel strainer removed, cleaned, inspected and reinstalled using new o-rings. Installed fuel quantity transmitter using new gasket after repair by Instrument Rebuild of Sequim WA. Replaced the engine oil with larger unit Model number 10599R, S/N 3521 overhauled by Pacific Oil Cooler Service, Inc. La Verne, CA in accordance with instructions Report #4 and drawings No. 1 through 5 of STC SE2741NM. See form 337 dated 06/23/2008. Complied with the following A.D.s: 72-03-03R3 by inspection and lube; 87-20-03R2 by inspection and measurement; 76-07-12 R1 by operation. A.D. biweeklies checked thru 2008-12. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Darrell R. Noble IA526177036

Darrell R Noble

DATE 2008	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/20	4053.5		4053.5	

4053.50 6/20/08

CESSNA CARDINAL 177G N52878 S/N:1297 TACH: DATE:[redacted]
REMOVED A/P COMPUTER 55X & SENT UNIT TO S-TEC FOR OVERHAUL UNIT WAS OVERHAUL UNDER W.O. No.14566/57529 INSTALLED UNIT BACK IN A/C & RAN OPERATIONAL TEST IAW S-TEC INSTALLATION MANUAL & S-TEC OPERATIONAL MANUAL, A 8130-3 FORM WERE PROVIDED. NO WEIGHT & BALANCE CHANGE.
SONORA AVIONICS INC. DBA
SOUTHWEST AVIONICS NYRR723K

8/2	4071.2		4071.2	Nose strut / Nose gear assembly serviced per Cessna service manual. Resealed with Cessna seal kit PN SK172-1F Replaced Schrader valve body & core with new pn S1827-1. Serviced with Mil-5606 hydraulic Fluid and nitrogen charge to 38 psi. No leaks. Angelo A Petropolis / Angelo A. Petropolis Owner operator / Private pilot Cert # 3204074
8/2/08				Inspected strut assembly & reseal of 08/02. Operational check satisfactory with no leaks noted. Darell R Noble A&P 526177036

DATE 2008	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/19	4102.6		4102.6	Replaced ELT battery with MERL P/N BP-1020. Switch function satisfactory. ELT functional on comm receiver set to 121.5 Angelo Petropolis; Owner/operator ~~Pilot Certificate~~ P. Cert # 3204074
10/16				Jeppeson database (Americas) updated to cycle 0811 by Sw Aerotech in Garmin 430W. ~~Pilot Certificate~~
11/21	4102.6		4102.6	11/21/2008 Tach: 4102.6 Inspected owner's installation of ELT battery and tested for signal strength, and G switch function showing normal operation. ELT battery next due NOV 10. Installed Tanis bolt type cylinder preheater P/N TAS104 FAA-PMA in number 3 cylinder using Tanis instructions. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS: Inspect leads for security at every 100 Hr or annual inspection so they do not vibrate during operation and break over time. Darrell R Noble Darrell R. Noble A&P526177036

IONS UMBER OF ENTRIES.)
P/N
rt # 204074
0811

DATE 2008 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/23	4103.0		4103.0	Replaced aircraft battery with Gill P/N G-242
				FAA PMA Approved. Battery activated by
				dry charge with specified electrolyte (1.285 sp gr).
				Then charged per activation instructions provided
				by manufacturer to stable on charge voltage.
				Angelo A. Petropulis; Owner/operator Cert # 3204074

DATE 2009 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	4116.2		4116.2	

Date: 01/29/2009
Tach: 4116.2

Complied with A.D. 2008-26-10 by inspection of alternate static source selector valve. N/A by part number.

David Isaak A&P 3022499

Date: 01/29/2009
Tach: 4116.2
Installed provisions for Zaon XRX PCAS in accordance with Zaon owner's manual. Installed provisions for PCAS interface with portable Garmin GPS and interfaced PCAS with audio panel. Power provided through inline 3A fuse from avionics buss. Updated GNS430W main software to v.3.10 per Garmin SB 0808 Rev. B and GPS software to v.3.11 per Garmin SB 0818 Rev. A. Updated GNS430W terrain database to 08T2 per Garmin SB 0820. EDM700-4C, S/N 12123, software factory upgraded for memory data and plasma display replaced under J.P.I. W.O. #RMA26173. Operational checks OK. Work accomplished under W.O.#'s 1499 and 1500.

Authorized signature: _____ David Isaak

Southwest AeroTech
1800A Airport Ave.
Sierra Vista, AZ 85635

FAA Certified Repair Station W8ER629Y
Ph: 520-459-3640 Fax: 520-459-3647

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DATE 2009 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	4118.5		4118.5	

Date: 02/04/09
Tach: 4118.5

Removed existing 40A avionics master breaker/switch and installed new 40A breaker/switch, P/N W31M-40. Operational check OK. Work accomplished under W.O.# 1507.

Authorized Signature: _____ David Isaak

Southwest AeroTech
1800A Airport Ave.
Sierra Vista, AZ 85635

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

atic source selector valve. N/A by part number.

A&P 3022499

er's manual. Installed provisions for PCAS interface with portable
through inline 3A fuse from avionics buss. Updated GNS430W main
.3.11 per Garmin SB 0818 Rev. A. Updated GNS430W terrain
tware factory upgraded for memory data and plasma display replaced
nplished under W.O.#'s 1499 and 1500.

__ David Isaak

DATE 2009 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	4118.5		4118.5	

Date: 02/04/09
Tach: 4118.5

Removed existing 40A avionics master breaker/switch and installed new 40A breaker/switch, P/N W31M-40. Operational check OK. Work accomplished under W.O.# 1507.

Authorized Signature: _____ David Isaak
Southwest AeroTech
1800A Airport Ave.
Sierra Vista, AZ 85635

FAA Certified Repair Station W8ER629Y
Ph: 520-459-3640 Fax: 520-459-3647

7/01	4152.4		4152.4	Replaced 90 durometer landing gear shock pad P/N: 2Ø43ØØ6-24 per instructions specified in 5-44 of the Cessna service manual. Bonded using 3M EC2216 adhesive. Angelo A. Petropolis; Owner/operator ~~Angelo Petropolis~~ Cert #3204074 Darrell R Dolch A&P 526177036

DATE 2009 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
07/12/2009 Tach & TTIS: 4152.4				

Inspected aircraft using the Cessna Service Manual checklist as a guide. Lubed all pulleys and bellcranks. ELT battery next due 11/10. ELT checked for "G" switch function and signal strength. Control surface travels and tensions checked. Landing gear retraction test performed satisfactorily. Replaced vacuum pump foam filter with P/N RA B3-5-1. Replaced Brackett induction air filter assembly with Challenger reusable filter kit. See Form 337 dated 07/10/2009. Replaced 3 each Tanis Heater probes on cylinders #1, 2and 4. Replaced Tanis Heater pad heater on oil sump. Replaced Tanis Heater harness. Functional check shows normal operation. Fuel strainer removed, cleaned, inspected and reinstalled using new o-rings. Replaced stock exhaust system with Power Flow tuned exhaust system, see form 337 dated 07/10/2009. Weight and Balance Data revised. Replaced lower engine mounts with Lord P/N J-9613-59 and torqued. Complied with the following A.D.s: 72-03-03R3 by inspection and lube; 87-20-03R2 by inspection and measurement;

76-07-12 R1 by operation. A.D. biweeklies checked thru this date. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Darrell R. Noble

Darrell R. Noble IA526177036

OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
DORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
R FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

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DATE 2009	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				08/01/2009 Tach: 4164.2
				Replaced tachometer shaft with P/N S2550-2. Operational test shows normal operation.
				Darrell R Noble
				Darrell R. Noble A&P526177036

Date: 08/25/2009
Tach: 4164.2
Removed Century HSI model NSD-360, S/N 14299A, for overhaul. Unit overhauled by Pacific Southwest Instruments under W.O.# 237787. Reinstalled and operational check OK. All work accomplished under W.O.# 1614 on file at this repair station.

Authorized Signature: Alin L. Brian

Southwest AeroTech
1800A Airport Ave.
Sierra Vista, AZ 85635

FAA Certified Repair Station W8ER629Y
Ph: 520-459-3640 Fax: 520-459-3647

DATE 2009 19__	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

08/28/2009 Tach: 4170.3

Removed and replaced prop governor for overhaul/ repair by Warner Propeller & Governor, Tucson AZ. Engine runup shows satisfactory operation with no leaks noted.

Darrell R. Noble A&P526177036

N52878 Airframe
Cessna 177RG S/N 177RG1297

520-682-2999

Actt: **Tach: 4203.8** **Hobbs:446.7**

Complied with AD 87-20-03R2 Seat and seat track inspection. Next due @ Nov. 2010. Complied with SEB07-5 Pilot seat secondary seat stop per kit instructions for Mod. "K".
This aircraft and/or component identified above was repaired and/or inspected IAW applicable maintenance manuals and current Federal Aviation Regulations and is approved for return to service for the work accomplished. Pertinent details are on file with Tucson Aeroservice Center. **W.O. MA-09-2508**

Date: 20 November 2009 Signed: Don Hart AP/IA 2804641

REPAIRS AND MAJOR ALTERATIONS TO
HE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

520-682-2999

ch: 4203.8 Hobbs:446.7

ction. Next due @ Nov. 2010. Complied with SEB07-5 Pilot seat

ired and/or inspected IAW applicable maintenance manuals and
r return to service for the work accomplished. Pertinent details
2508

l:
Don Hart AP/IA 2804641

DATE 2010 19	TOTAL TIME IN SERVICE
	4222.7
	4222.7

REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
THE APPROVING AGENCY.

GARMIN GTX 330 S/N 84100161

I CERTIFY THAT THE TRANSPONDER IDENTIFIED ABOVE HAS BEEN CHECKED PER F.A.R. 91.413 AND FOUND THAT IT COMPLIES WITH ALL REQUIREMENTS OF F.A.R. 43 APPENDIX F, AND IS APPROVED FOR RETURN TO SERVICE UNDER WORK ORDER # 1702. DATE COMPLETED 2/22/10.
NEXT CHECK DUE: 02/2012
AUTHORIZED SIGNATURE _____ FOR:

SOUTHWEST AEROTECH
1800A AIRPORT AVE
SIERRA VISTA, AZ 85635
FAA CERTIFIED REPAIR STATION W8ER629Y
PHONE: 520-459-3640 FAX: 520-459-3647

UNITED 5934P-1 S/N L6616

AMERI-KING AK-350 S/N 3514232

I CERTIFY THAT THE ALTIMETER AND ENCODER IDENTIFIED ABOVE HAVE BEEN CHECKED PER F.A.R. 91.411 AND FOUND THAT THEY COMPLY WITH ALL REQUIREMENTS OF F.A.R. 43 APPENDIX E, AND ARE APPROVED FOR RETURN TO SERVICE UNDER WORK ORDER # 1702.
MAX ALTITUDE: 20,000 FT
DATE COMPLETED: 2/22/10 NEXT CHECK DUE: 02/2012.
AUTHORIZED SIGNATURE _____ FOR:

SOUTHWEST AEROTECH
1800A AIRPORT AVE
SIERRA VISTA, AZ 85635
FAA CERTIFIED REPAIR STATION W8ER629Y
PHONE: 520-459-3640 FAX: 520-459-3647

DATE	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.
2010 19 5/22/10	4272.0	Complied with AD 76-07-12 function check Pilot #3204074

08/05/2010 Tach & TTIS: 4304.8
Inspected aircraft using the Cessna Service Manual checklist as a guide. Lubed all pulleys and bellcranks. ELT battery next due NOV 10. ELT checked for "G" switch function and signal strength. Control surface travels and tensions checked. Landing gear retraction test performed satisfactorily. Replaced vacuum pump foam filter with P/N RA B3-5-1.Serviced aircraft battery. Induction air filter element serviced by Angelo Petropolis cert# 3204074. Fuel strainer removed, cleaned, inspected and reinstalled using new o-rings. Repaired crack in leading edge of L/H wing tip. Complied with the following A.D.s: 72-03-03R3 by inspection and lube; 87-20-03R2 by inspection and measurement; 76-07-12 R1 by operation. A.D. biweeklies checked thru this date. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.
Darrell R. Noble IA5261770361 Darrell R. Noble

DATE 2010 19	A. D. NUMBER	TOTAL TIME IN SERVICE	INSPECTIONS, TESTS, REPAIRS, ALTERATIONS E.
10/27/10		4332.7	Date: 10/27/2010 Removed Com 2 (Narco MK-12D) and sent to Narco for repair on 10/18/2010. Unit repaired by Narco on their WO #207722. Reinstalled on 10/27/2010 and ramp checked operation. OK. All work accomplished under and recorded on W.O.# 1786 on file at this repair station. Authorized Signature: Alin L. Bron Southwest AeroTech 1800A Airport Ave. Sierra Vista, AZ 85635 FAA Certified Repair Station W8ER629Y Ph: 520-459-3640 Fax: 520-459-3647
			(P/N BP-1020)
11/20/10		4339.4	E.L.T. Battery replaced. Function checked per manufacturers instructions (MERL) after installation. Test satisfactory. Next battery replacement due 11/2012. AR Amy [illegible] Pilot #3204074
11/26/2010		ELT 4339.4	checked for signal strength, corrosion and G switch function per FAR. Operational checks show satisfactory. Next ELT inspection due 11/2011. Darrell R Dobbs A&P; 1A526177036

NARCO AVIONICS INC.
SERVICE TAG
MODEL MK12DT
S/N 23071
DATE 10-22-10
W.O.# 30520C
DETACH AND AFFIX TO LOGBOOK

DATE 19__	A. D. NUMBER	TOTAL TIME IN SERVICE	

INSPECTIONS, TESTS, REPAIRS, ALTERATIONS

12/04/2010 Tach: 4344.6
Replaced alternator with Plane Power P/N AL24-F60, S/N 4F-103802 in accordance with installation instructions. Aircraft weight and balance data revised. Operational check shows normal function.
Darrell R Noble
Darrell R. Noble A&P3513071

FOR	N	30	60	E	120	150
STEER	1	31	60	91	122	150
FOR	S	210	240	W	300	330
STEER	180	210	240	270	301	330

DATE 1 /3/ 2010 SWAT

Date: 01/03/2011
Tach: 4345.8
Removed PAI vertical card compass P/N PAI-700, S/N 38398 and installed PAI vertical card compass P/N PAI-700 S/N 74294. Performed compass swing in accordance with data containecd in AC43.13-1B Section 3. Posted compass correction card in A/C and copy with this log book entry.
All work accomplished under and recorded on W.O.# 1810 on file at this repair station.

Authorized Signature: Alvin L. Brown Alvin L. Brown

Southwest AeroTech
1800A Airport Ave.
Sierra Vista, AZ 85635

FAA Certified Repair Station W8ER629Y
Ph: 520-459-3640 Fax: 520-459-3647

DATE 2011	A. D. NUMBER	TOTAL TIME IN SERVICE	
			INSP
			Date: 01/
			Tach: 434
			Removed
			DME-890
			W.O.# 18
			Authorized
			Southwes
			1800A Air
			Sierra Vist
8/27		4393.6	Replac
			shock
			instruc
			Cessna
			3M EC
			owner/o
8/27		4393.6	Induc
			serviced
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n A/C and

pair station.

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	INSPECTIONS, TESTS, REPAIRS, ALTERATIONS
2011			
			Date: 01/21/2011 Tach: 4349.0 Removed Narco DME-890 S/N 10318 and installed servicable Narco DME-890 S/N 16023. All work accomplished under and recorded on W.O.# 1823 on file at this repair station. Authorized Signature: Alvin L. Brown Alvin L. Brown Southwest AeroTech 1800A Airport Ave. Sierra Vista, AZ 85635 FAA Certified Repair Station W8ER629Y Ph: 520-459-3640 Fax: 520-459-3647
8/27		4393.6	Replaced 90 durometer landing gear shock pad P/N: 2043006-24 per instructions specified in 5-44 of the Cessna service manual. Pad bonded using 3M EC2216 adhesive. Angelo A. Petropolis Owner/operator Angelo ~~Petropolis~~ Cert #3204074
8/27		4393.6	Induction air filter element serviced per Challenger Air filter instructions Angelo A. Petropolis Owner/operator Angelo ~~Petropolis~~ Cert #3204074

DATE 19	TOTAL TIME IN SERVICE	INSPECTIONS, TESTS, REPAIRS, ALTERATIONS

Sierra Vista Aviation Services, LLC
4535 Via Viento
Sierra Vista, AZ 85635
520-22-1759
svas@cox.net

N52878 Cessna 177RG S/N 177RG1297
09/24/2011 Tach: 4393.6
09/24/2011 Tach & TTIS: 4393.6
Inspected aircraft using the Cessna Service Manual checklist as a guide. Lubed all pulleys and bellcranks. ELT battery **next dye** ~~**NOV 12**~~ 02/13 ELT checked for "G" switch function and signal strength. Control surface travels and tensions checked. Landing gear retraction test performed satisfactorily. Replaced vacuum pump foam filter with P/N RA B3-5-1. Replaced inboard passenger seat rail with McFarlane P/N MC2011015-8 using a combination of screws and rivets. Fuel strainer removed, cleaned, inspected and reinstalled using new o-rings. Replaced nose gear door bushings and plastic bearings. Complied with the following A.D.s: 72-03-03R3 by inspection and lube; 2011-10-09 by inspection and measurement; 76-07-12 R1 by operation. A.D. biweeklies checked thru this date. I CERTIFY THAT THIS **AIRCRAFT** HAS BEEN INSPECTED IN ACCORDANCE WITH AN **ANNUAL** INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Darrell R Noble

Darrell R. Noble IA3513071

DATE 19__	TOTAL TIME IN SERVICE	ITEM — MFG NA