

7577V

Cessna[®]



**AIRCRAFT LOG
AND MAINTENANCE RECORD**

N

7577V

SERIAL NO.

~~177240868~~

Cessna®

AIRCRAFT LOG
AND MAINTENANCE RECORD

Record of Cessna 177R 177R 80868 N7577V
Make Model Serial Certificate

With Engine Lycoming T0-360-A1B6D L-15320-51A
Make Model Serial

From MARCH 18 19 76 to _____ 19 _____

Detailing Time From _____ To _____
Hours Hours

Owner _____

Address _____

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT		
					HOURS	10THS			
19									
TACH: 288	W.O. # 3109	6	C/W AD 76-14-8						
DATE: Sept 1, 1976			796 ACTUATOR BOLT AND NUT. And Found						
			to be OK						
I CERTIFY THAT THIS AIRFRAME				TACH 300		3141			
HAS BEEN INSPECTED				DATE 7/21/76					
IN ACCORDANCE WITH				I CERTIFY THAT THIS aircraft					
A 50 hr INSPECTION				HAS BEEN INSPECTED					
AND WAS DETERMINED TO BE				IN ACCORDANCE WITH					
IN AIRWORTHY CONDITION.				A 100 hr ANNUAL					
Danny Schomberg ORANGE COUNTY AVIATION ORANGE COUNTY AIRPORT SANTA ANA, CALIFORNIA ADP1906351				Murray A. Winston ADP184406 ORANGE COUNTY AVIATION ORANGE COUNTY AIRPORT SANTA ANA, CALIFORNIA AD76-7-12 (1)(2)(3)				Tach 350	
								10/15/76	
				Completed OK					

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

Tach 350
 10/15/76
 75 hr inspection
 Danny Schomberg
 ADP1906351

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19	
VOR Receiver operation checked in accordance with FAR 91.25					
Date					
Bearing error					
Place					
Signature					
VOR 1	VOR 2			19	
11-17-76 INSTALL LEFT HAND FUEL CLUSTER - MANIFOLD AIR PRESSURE FUEL PRESSURE GAGE SERIAL # 84525 INSTALLED. CHT PROBE INSTRUMENT ALL CHECKED OK TO DATE Remod. by man FA# 565216369					
TACH 400 W.O. # 3294					TACH 500 W.O. # 3521
DATE 12-6-76				TACH 456 W.O. # 3435	DATE 3/15/77
I CERTIFY THAT THIS <u>Aircraft</u>				DATE 1/28/77	I CERTIFY THAT THIS <u>aircraft</u>
HAS BEEN INSPECTED				I CERTIFY THAT THIS <u>aircraft</u>	HAS BEEN INSPECTED
IN ACCORDANCE WITH				HAS BEEN INSPECTED	IN ACCORDANCE WITH
A <u>100 HR</u> INSPECTION				IN ACCORDANCE WITH	A <u>Annual</u> INSPECTION
AND WAS DETERMINED TO BE				A <u>solu</u> INSPECTION	AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.				AND WAS DETERMINED TO BE	IN AIRWORTHY CONDITION.
<u>Gordon R Campbell</u>				IN AIRWORTHY CONDITION.	<u>Murray A. Wurdaw</u>
AP [REDACTED]				<u>Murray A. Wurdaw</u>	FA 1584406
ORANGE COUNTY AVIATION				<u>FA 1584406</u>	ORANGE COUNTY AVIATION
ORANGE COUNTY AIRPORT				ORANGE COUNTY AVIATION	ORANGE COUNTY AIRPORT
SANTA ANA, CALIFORNIA				ORANGE COUNTY AIRPORT	SANTA ANA, CALIFORNIA
SANTA ANA, CALIFORNIA				SANTA ANA, CALIFORNIA	REPLACED BRAKE LINES + MAIN TIRES
SANTA ANA, CALIFORNIA				SANTA ANA, CALIFORNIA	LAND. + TAXI LIGHTS

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
TACH 550	W.O. # 3594		TACH 600	W.O. # 3672			TACH 643
DATE 4/12/77			DATE MAY 26, 1977				6/13/77
I CERTIFY THAT THIS aircraft			I CERTIFY THAT THIS aircraft				W.O. # 3721
HAS BEEN INSPECTED			HAS BEEN INSPECTED				50 hr insp
IN ACCORDANCE WITH			IN ACCORDANCE WITH				John Stewart
A 50 hr INSPECTION			A 100 hr INSPECTION				211892 hr
AND WAS DETERMINED TO BE			AND WAS DETERMINED TO BE				
IN AIRWORTHY CONDITION			IN AIRWORTHY CONDITION				
Murray A. Wenzel			[Redacted Signature]				
AP [Redacted]			AP [Redacted]				
ORANGE COUNTY AVIATION			ORANGE COUNTY AVIATION				
ORANGE COUNTY AIRPORT			ORANGE COUNTY AIRPORT				
SANTA ANA, CALIFORNIA			SANTA ANA, CALIFORNIA				
			REPLACED R/A COWL FLAP HINGE				
			REBOLDED MAIN GEAR				
			DOWN LOCKS, SADDLES & SWITCHES PER				
			MFG. SERVICE MANUAL				
			RESEALED SHIMMY DAMPENER & SCISSORS PUSHED				
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE					END		

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 ____	REMARKS <small>Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.</small>
Date	Bearing error VOR 1 VOR 2	Place	Signature		
TACH <u>692</u>		W.O. # <u>3841</u>			TACH <u>7450</u> W.O. # <u>3954</u>
DATE <u>7/30/77</u>					DATE <u>9-8-77</u>
I CERTIFY THAT THIS <u>A/c</u>					I CERTIFY THAT THIS <u>AIRCRAFT</u>
HAS BEEN INSPECTED					HAS BEEN INSPECTED
IN ACCORDANCE WITH					IN ACCORDANCE WITH
A <u>100 hr</u> INSPECTION					A <u>50 HRS</u> INSPECTION
AND WAS DETERMINED TO BE					AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.					IN AIRWORTHY CONDITION.
<u>John Stewart 241892 AP</u>					<u>Murray A. Wurdan</u>
ORANGE COUNTY AVIATION					ORANGE COUNTY AVIATION
ORANGE COUNTY AIRPORT					ORANGE COUNTY AIRPORT
SANTA ANA, CALIFORNIA					SANTA ANA, CALIFORNIA
AUTHORIZED FAA					AUTHORIZED FAA
REPAIR STATION # 465-51					REPAIR STATION # 465-51
A.D. <u>77-12-08 DNA to S/N</u>					<u>q/w AD-76-07-12</u>
					<u>Part 1 a.b.c</u>
					<u>switch check OK</u>

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT		ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
				HOURS	10THS	HOURS	10THS	
19								
	TACH <u>840</u> W.O. # <u>4242</u>							
	DATE <u>12/19/77</u>							
	I CERTIFY THAT THIS <u>A/c</u>							
	HAS BEEN INSPECTED							
	IN ACCORDANCE WITH							
	A <u>50 hr</u> INSPECTION							
	AND WAS DETERMINED TO BE							
	IN AIRWORTHY CONDITION.							
	<u>Larry Schumel</u>							
	ORANGE COUNTY AVIATION							
	ORANGE COUNTY AIRPORT							
	SANTA ANA, CALIFORNIA							
	AUTHORIZED FAA							
	REPAIR STATION # 465-51							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE								

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 _____	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error	Place	Signature		
VOR 1	VOR 2				
				19 APR 78	SERVICED ALL FLUID LEVELS, PACK ALL WHEEL BEARINGS, REPLACED BOTH MAIN TIRES, BRAKE DISC + LININGS, REPLACED PROBE ON CHIT + CALIBRATED, REPLACED LT FUEL QUANTITY INDICATOR, C/W AD 76-7-12 ON BENDIX NIAL SW BY OPS CK (OK FOR SERV) RESEAL RT BRAKE + BLED, RESEAL BOTTOM CASTING ON HYD SYS, CLEAN MAIN AIR FILTER, REPLACED SUCTION RELIEF FILTER, SECURED RT CABIN DOOR SEAL, GEAR RETRACTION + EMERGENCY EXTENSION CK, C/W AD 74-20-10 ON LEIGH FLT (BATT %)
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				DATE <u>19 APR 78</u> WORK ORDER NO. <u>2012</u> TECH READING <u>888.4</u> TOTAL TIME <u>888.4</u> SIGNED: <u>Thomas V. Horgan</u> 1A2135863 FOR	
AEROPLACE SERVICE, INC. ADDISON AIRPORT - DALLAS, TEXAS REPAIR STATION NO. _____				DATE <u>18 APR 78</u> WORK ORDER NO. <u>2012</u> TACH. TIME <u>888.4</u> I CERTIFY THE ABOVE MENTIONED REPAIR(S) ARE AIRWORTHY. SIGNED: <u>Thomas V. Horgan</u> 1A2135863 FOR	
AEROPLACE SERVICE, INC. ADDISON AIRPORT - DALLAS, TEXAS REPAIR STATION NO. _____					

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
18 APR 78	ART	HORIZ	OVERHAULED BY	ADDISON INST.			
I CERTIFY THAT THE ALTIMETER + STATICS SYS HAS BEEN CHECKED IAW FAR 91.170. ALTIMETER OVERHAULED + CERT TO 20,000 FT BY ADDISON INST ON 14 APR 78 STATICS SYS TESTED OK 18 APR 78.							
DATE <u>18 APR 78</u> WORK ORDER NO. <u>2012</u> TACH. TIME <u>888.4</u> I CERTIFY THE ABOVE MENTIONED REPAIR(S) ARE AIRWORTHY. SIGNATURE: <u>[Signature]</u> <u>1A2135863</u> FOR							
AIRCRAFT SERVICE, INC. ADDISON AIRPORT - DALLAS, TEXAS REPAIR STATION NO.							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19 ____	
				23 APRIL 79	PACK ALL WHEEL BEARINGS. SERVICE ALL FLUID LEVELS. LUBED ACFT. AD 79-05-02 BY REMOVING FIT BATT. AD 76-07-12 BY GROUND OPS CREW OF MAC SW, GEAR RETRACTION CK, EMERGENCY EXTENSION CK.
DATE 23 APR 79 WORK ORDER NO. 3211 TACH TIME 936.5					
I CERTIFY THE ABOVE MENTIONED REPAIR(S) ARE AIRWORTHY.				DATE 23 APR 79	WORK ORDER NO. 3211
SIGNED: <u>Thomas A. Hansen</u> 1A2135863 FOR				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
AEROPLACE SERVICE, INC. ADDISON AIRPORT - DALLAS, TEXAS REPAIR STATION NO.				TECH READING <u>936.5</u>	TOTAL TIME <u>936.5</u>
SIGNED: <u>Thomas A. Hansen</u> 1A2135863 FOR				AEROPLACE SERVICE, INC. ADDISON AIRPORT - DALLAS, TEXAS REPAIR STATION NO.	

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 <u>80</u>							
Date <u>4/17/80</u>		Tach <u>945.0</u>					
I certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspected and was determined to be in airworthy condition. Other details of this inspection are on file at this facility under work order # _____							
Signed <u>Jack L. Lumm</u>				(10) C.W. SE 78-41 on Throttle control support.			
WESTERN SKYWAYS INC. 3501 LAKEWOOD BLVD. LONG BEACH, CALIF. 90806 APPROVED REPAIR STATION 465-60				(11) C.W. SE 77-36 on manifold press. Improv.			
				(12) C.W. SE 73-21 on Air filter by Replacement.			
				(13) INSPECTED FUEL DIPS for contamination AND INLET SCREEN SECURITY.			
				(14) REPLACED BRUSHES IN LANDING GEAR. PWR pack motor.			
① RESKALCED BOTH FUEL GAY INSPECTION PANELS ② REPLACED BATTERIES (MAGNESIUM) IN ELT. NEW DUE DATE (1/83) ③ REPLACED GYRO CENTRAL FILTER, STATIC SYSTEM TESTED FOR LEAKS FAR 91.170 ④ REPLACED NOSE GEAR OVERCENTER ARM SHOCK PAD PIN 2043006-24. ⑤ ADJUSTED NOSE GEAR UP + DN LOCKING TENSIONS STALO MAINTENANCE MANUAL. ⑥ REPLACED ALTERNATOR MOUNTING BRACKET. ⑦ AD 79-18-05 ON LITH. BATT. ELT IS N/A. ⑧ C.W. AD 76-07-12 ON MAG. SWITCH. CUT OFF OK. ⑨ C.W. SE 78-34 ON ALTERNATOR BRACE.							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 ____	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error	Place	Signature		
	VOR 1	VOR 2			
(15)					C.W. SE73-25 th 1 on trim system, free play ok.
(16)					REPLACED hydraulic fluid in landing gear system.
(17)					Pressure checked Exhaust system and no leaks.
(18)					AD 77-15-10 on Air speed indicator is N/A
(19)					AD 74-24-13 on Altimeter is N/A - ALTIMETER CERTIFIED TO 20,000 FT
1					- END - FAR 91.170
5/1/81					TACH 1,007.5 HRS COMPLETED 100HR. INSPECTION THIS DATE!
					① INSTALLED 3 NEW 6PLY TIRES
					② INSTALLED A NEW MAG/START SWITCH + 2 MATCHING DOOR LOCK TUMBLERS
					③ INSTALLED A NEW DRAIN PLUNGER IN EACH FUEL RESERVOIR TANKS UNDER CABIN FLOOR
					④ REPACKED ALL WHEEL BEARINGS
					⑤ VALENTI, AVIONICS OXNARD, CA. W.O.# 4864 REPLACED Filter + 24VOLT REG. #1 NAV/COM
					⑥ AD COMPLIANCE REAR OF THIS BOOK
					AIRCRAFT IN AIR WORTHY CONDITION, R.F. Austin ACP 1155888

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT	
					HOURS	10THS		
19 81 5/1/81								
<p style="text-align: center;">I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>FAA</u></p> <p style="text-align: center;"><u>and annual</u> INSPECT</p> <p style="text-align: center;">WAS FOUND TO BE IN AIRWORTHY CONDITION. TACH READING <u>1007</u> T.T. <u>1007</u></p> <p style="text-align: center;">S.M.O.H. _____ SIG. <u>A.J. Mercedes</u> DATE <u>1 May 1981</u></p> <p style="text-align: center;"><u>JA424001</u></p>								
8/5/81	① INSTALLED A NEW BATTERY CONTACTER ASSEMBLY							
TACH 1021.3	CESSNA P/N 5-1579-2 ADD. TO BATTERY						R. Austin AP 1155888	
10/27/81	INSTALLED A AERO MECHANISM ENCODING ALTIMETER MODEL 8140B-15							
	S/N 5266 IN PILOTS INSTRUMENT PANEL IN PLACE OF EXISTING ALTIMETER							
	AND INTERFACED WITH CESSNA TRANS PONDER RT-359A. WEIGHT							
	CHANGE NEGIGBLE - SEE FAA FORM 337 BY VALENTI AVIONICS							
	THIS DATE.							R.F. Austin -
								AP 11555888

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

AIRCRAFT LOG

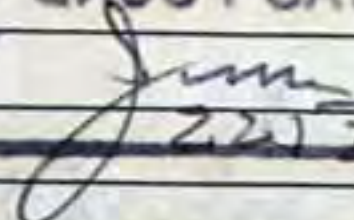
VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
			<p>The transponder tests required by FAR Part 43 appendix F. Transponder meets the F.A.R. Part 43 appendix F.</p> <p>SIGNATURE <i>[Signature]</i> VALENTI AVIONICS 1601 W. 5th Street</p>	<p>19 _____</p> <p style="text-align: right;">DATE 10-27-81 ARS 461-75 Oxnard, CA 93030</p>	<p>Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.</p>
			<p>I certify that the altimeter and static system tests required by FAR 91.170 have been performed. The altimeter has been tested to <u>20000</u> ft. in compliance with FAR 91.36 (B).</p> <p>SIGNATURE <i>[Signature]</i> VALENTI AVIONICS 1601 W. 5th Street</p>	<p>19 _____</p> <p style="text-align: right;">DATE 10-27-81 ARS 461-75 Oxnard, CA 93030</p>	<p>Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.</p>

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 82 1/4/82	TACH 1033.1						
INSTALLED A NEW Left FUEL QUANTITY + OIL PRESS GAUGE CLUSTER. CALIBRATED FUEL QUANTITY CESSNA P/N C669515-0103. INSTALLED A NEW WING TANK SUMP DRAIN IN EACH WING TANK P/N S2020-1 R.F. Austin A&P 1155888							
6/1/82	TACH 1042.3						
PERFORMED 100 HR INSPECTION THIS DATE: ① INSTALLED NEW BRAKE LINING BOTH MAIN WHEEL BRAKES - BLEED BRAKES ② LUBRICATED AIRCRAFT IN COMPLIANCE MAINT. MANUAL ③ ADJUSTED THROTTLE Ldg. GEAR WARNING SWITCH AIRCRAFT IN AIRWORTHY CONDITION. R.F. Austin A&P 1155888							
<p>I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>an annual</u></p> <p>WAS FOUND TO BE IN AIRWORTHY CONDITION. TACH READING <u>1042</u> TT <u>1042</u></p> <p>S.M.O.H. <u>[Signature]</u> SIG. <u>[Signature]</u> DATE <u>1 June 1982</u></p> <p style="text-align: center;">1A 92001</p>							

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

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
				19 <u>83</u>	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
3-18-	83				<p>INSTALLED King KDM 200 DME. Installed in/n/w MANUFACTURER'S INSTRUCTIONS AND AC 43.13-1A AND AC 43.13-2A. WEIGHTS BALANCE and LSW P.M.C.A. LIST REVISED.</p> <p style="text-align: right;">  JIM CHANNEL ISLANDS AVIATION 233 DURLEY AVENUE CAMARILLO, CA 93010 ARS #401-144 </p>
3/21/83					INSTALLED A NEW OVERVOLTAGE ASSEMBLY CESSNA P/N S-2519-1 TO INSTRUMENT PANEL. R.F. Austin 1155888
3/29/83					INSTALLED NEW ECT BATTERY - REPLACEMENT DATE AUG 1985 R.F. Austin 1155888
7/2/83	Tach 1063.8				PERFORMED 100 hr INSPECTION this date: ① GEAR RETRACTION + EMERG EXTENSION CHECKED AIRCRAFT IN AIRWORTHY CONDITION R.F. Austin A&P 1155888

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
<p>I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH: ANNUAL, 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.</p> <p>TACH READING <u>1063</u> T.T. <u>1063</u></p> <p>SIGN <u>A.J. MISEVIG</u> DATE <u>5 July 1983</u></p> <p><u>A.J. MISEVIG IA 424001AP</u></p> <p><u>A.J. MISEVIG</u></p>							
8-1-83	TARH-106610		Completed SERVICE LETTER				SE-79-37 - Replaced CESSNA P/N 2426-6 (ROD END ON HYDRAULIC ACTUATOR MAIN GEAR & ALSO HEAVY DUTY TYPE) Replaced NEW NUT + BOLT, CHECKED RIGGING + GEAR RETRACTION TEST - GOOD - END - <u>[Signature]</u>

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

VOR Receiver operation checked in accordance with FAR 91.25

DATE
1983

Ent and changed all... ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

Date	Bearing error		Place	Signature
	VOR 1	VOR 2		

10/1/83 TACH

1070.4 ① REPLACED AIRCRAFT BATTERY WITH A NEW REBAT R-35 S/N 2D13A09
 ② REPLACED BATTERY CONTACTOR CESSNA P/N 1579A2 MOUNTED ON SIDE OF BATTERY COMPARTMENT - END
 R.F. Austin AP1155888

The transponder tests required by F A R 91-172 have been performed. Transponder meets the requirements of Part 43 appendix F.

SIGNATURE *James F. Stepping* DATE 10-21-83
 CHANNEL ISLANDS AVIATION 401-144
 233 Durley Avenue 2149971 Camarillo, CA 93010

I certify that the altimeter system & altitude reporting equipment have been tested and inspected as required by F A R 91.171 and found to comply with appendix E and F of Part 43

Altimeter tested to 20,000 ft.
 signature *James F. Stepping* date 10-21-83
 CHANNEL ISLANDS AVIATION 401-144
 233 Durley Avenue 2149971 Camarillo, CA 93010

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 83 Nov 29 -	TACK 1079.4		Replaced Nose Gear Retraction CK 4x OK				DOWN Magnetic Switch Walter Morgan TA1570369
Aug 6 84	TACK 1155		AIRCRAFT INSPECTED - SERVICED FOR LICENSE REPLACE HOSE NOSE GEAR RETRACT REPLACED HOSE OIL COOLER - AIRCRAFT RETRACT OK - I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY				Walter Morgan TA1570369
OCT 22-84	1169		REPLACED NOSE GEAR - HOSE OK OK				DOWN LOCK SW, RETRACTION 4x Walter Morgan TA1570369

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

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS	
Date	Bearing error	Place	Signature			
VOR 1	VOR 2			19 ____		
Nov	7	84	TACK	1171	-	REMOVE AIT (NEW) REINSTALLED WIRED CORRECTLY - INSTALLED NEW VOLTAGE REG - RUN AMP OK & VOLTS PIC OK <div style="text-align: right; margin-top: 10px;"> <i>W. Mangum</i> TA1570369 </div>
Feb	13	85		1181		MAIN GEAR INSTALLED NEW TIRES & TUBES. <div style="text-align: right; margin-top: 10px;"> <i>Walter Mangum</i> TA1570369 </div>
Jun	17,	85	TACK	1221		REPLACE FUEL PRESSURE GAGE LINE FROM FLOW DIVIDER TO FIREWALL - PRESSURE OK'S OK RUN OK - <div style="text-align: right; margin-top: 10px;"> <i>Walter Mangum</i> TA1570369 </div>
Jan	31	85				

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 85							
7-10-85			See Patco. W.O. 61280				
	Tach 1226.3		<ol style="list-style-type: none"> 1. Replaced the Nose Gear door hinges & rebushed the forward Center Gear door. 2. Installed a new nose gear proximity SW & magnet 3. Installed a new shock pad for the nose gear. 4. Replaced the Right main gear saddle pad & adjusted & fit 5. Replaced the gear motor pressure switch. 6. Installed all new brake linings on RT & LT main. 7. Installed a new nose tire. 8. Replaced the stabilator brackets to the weight arm. 9. Adjusted the stabilator down stop to 5° 10. C/W A.D. 82-11-05 - Loose Dist Gear electrode Gear Electrodes are OK No action required. 11. Installed a new oil cooler & checked for leaks. (4) 				
			By <u>W. J. [Redacted]</u> APP [Redacted]				



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

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			
Date	Bearing error	Place	Signature
	VOR 1 VOR 2		

DATE
19 _____

REMARKS

Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

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

TACH. 1226.3 DATE 7-10-85
 T.T. 1226.3
 ENG. T.T. 1226.3 PROP. T.T. 1226.3
 ENG. T.S.O.H. New PROP. T.S.O.H. New
 W/O 66280 ASD
 MECH. [Signature]
PATTERSON AIRCRAFT CO.
Executive Airport, Sacramento, California. Phone 916/426-8292



7-10-85 ELT REMOVED FROM AIR FOR REPAIRS (SHARK 7 MODEL 7J4-189) PER 91.52
R. Wainman PATCO RSN 4043 INSPECTOR
 8-20-85 ELT REPLACED

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
5-7-86	Removed KDM 700 DME AND CESSNA ADF SYS. INSTALLED FOSTER LORAN LRU 500 AS PER MFOR INSOMAL ATRAL INSITUTIONS AND FAA RULES + NEWS. WTT BAL TO BE UPDATED						Annual Avianca FAA 464-35 Walter Reed
Aug 6-86	TRUCK 1326 - AIRCRAFT INSPECTED AND SERVICED PER CESSNA 100HR CL - REPLACED VAC SYS FILTERS, ENG AIR FILTER, REPAIR COWL HINGE AT SIDE. FLOP MAIN TIRING SWITCH SEATS REPAIR L NAV HT. Adj Stabilizer cables, REPLACE STALL GEAR WARNING UNIT. RETRACTIONS CR'G OK OK Horn OK Emergency OK C/W SE86-5. AIRCRAFT GROUND OPERATED CR'G OK - I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY						Walter Mangan JA1570369

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

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25

DATE

REMARKS

Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

Date: Bearing error: Place: Signature:
 VOR 1 | VOR 2

19__

5-23-87

Tach Time 1382.7

Removed Turn Coordinator S/N 1-763-375 and installed S/N 1-771-450

Ronald B. Fuller AEP [Redacted]

July 16 1987

Tach Time: 1392

Fuel Reservoir, Aircraft fueled - check for leaks - none found

Ronald G. Wanger

AEP [Redacted]

SEPT 1 87

TACK 1405

AIRCRAFT Insp - Serv Per COSNA 100 Hr C/K -

Replaced L Wing Stroke Pump Supply, Replaced N Gear Gammst - Adj Gear Horn Limit Sw Cam Retraction CK's OK, Horn - HTS OK Emer OK, Prop Removed & Overhauled Amer Prop Reinstalled CW 76-07-12 Mag Gen Sw of Aircraft Ground operated & CK's OK I certify this Aircraft has been inspected in accordance with A Annual Inspection and was determined to be Airworthy

Walter M. [Redacted]

1A1570369

JAN 31 88

TACK 1444.1

REPLACEMENT MAIN WHEEL TIRES

Ronald B. Fuller

AEP [Redacted]

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
9-27-88	Tach Time	1453.3					
	Remove Vacuum pump S/N 1.B 1511 and installed S/N 5AA-3126						
	Walter B. Fuller AEP [REDACTED]						
Oct 1 88	Tach 1492		AIRCRAFT INSPECTED & SERVICED PER CESSNA CH -				
			REPLACED 3 CAUL FASTENERS LEFT SIDE REPLACE R BRAKE LINING TURN RETRACTION CK'D OK ENGINE OK HORN OK. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY				
							Walter M. Mandy IA1570369

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

AIRCRAFT LOG N7577V

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19 ____	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
<p>01 July 1989. TACH READS 1526.3 HRS. Repaired Lower SKIN LEFT wing From STATION 54.5 TO STATION 65.75, JUST AFT OF MAIN SPAR. Repaired upper SKIN LEFT wing from STATION 61.0 TO STATION 65.5, ALSO JUST AFT OF MAIN SPAR. Performed THE REPAIR "FLUSH SKIN PATCH" I/A/W CESSNA SERVICE MANUAL STRUCTURAL REPAIRS SECTION. Used FACTORY RIVET PATTERN FOR REPAIR. Removed RIGHT FORWARD SKIN BETWEEN CABIN door & FIREWALL TO REPAIR RIVETS INSTALLED BY A PREVIOUS REPAIR PERSON. REINSTALL upper ENGINE MOUNT FUSELAGE FORMER & THE ATTACHMENT TO CABIN door POST I/A/W CESSNA SERVICE MANUAL STRUCTURAL REPAIR SECTION & AC 43.13-1A SHEET-METAL REPAIR SECTION FOR TYPE RIVETS & REPLACEMENT OF RIVETS USING SCREWS IN STRUCTURAL LOCATIONS, REINSTALLED SIDE SKIN USING FACTORY RIVET HOLES & SPACING, SOME RIVETS WERE REPLACED W/ ONE SIZE OVER FOR FIT IN ENLARGED HOLES. C/W 100HR/ANNUAL INSPECTION & SERVICE THIS DATE I/A/W FJC CHECKLIST & CESSNA SERVICE MANUAL. LH EXHAUST MUFFLER REMOVED FOR WELDING REPAIRS & REINSTALLED. INSTALLED NEW LININGS & DISCS BOTH BRAKES, NEW NOSE TIRE, TUBE, WHEEL ASSY & HUBCAPS, NEW PNEUMATIC FILTER, INSTALLED NEW NOSE gear INDICATOR SWITCH & RIGGED NOSE gear LINKAGE, SWITCH & DOORS, CHECKED GOOD ON gear SWING. CLEANED & LUBED ALL ENGINE, LANDING gear & FLIGHT CONTROLS. ALL wheel BEARINGS cleaned & REPACKED. THIS entry IS CONTINUED ON NEXT PAGE →</p>					

AIRCRAFT LOG

N7577V

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT	
					HOURS	10THS		
19								
01 July 89	ENTIRE CONTINUED —							
	C/W AD78-09-07R3 Impulse coupling within limits next due @ 2026.3 A/C TT. C/W AD 76-07-12 Bendix ignition switch on ground run due @ 26.3 A/C TT. C/W AD 86-19-11 By inserting appendix in POM. C/W AD 87-20-03 R1 by inspecting I/A/W PARM II (C)(a) found L/H outboard track to be cracked, replaced with new track. AD is next due at annual inspection. C/W AD 84-26-02 by cleaning & inspecting due each 100 HRS. Replace each 500 HRS. Replace due @ 1826.0 A/C TT AD 86-24-07 inspected all engine controls found to be previously complied with per SE 79-6. C/W AD 77-12-08 I/A/W Cessna Service Letter SE 76-11 because starter would engage when APU power was applied. ————— END —————							
			DATE 01 July 89	TACH 1526.3		TOTAL TIME 1526.3		
			I certify that this aircraft/engine has been inspected in accordance with a 100 HR ANNUAL inspection and is approved for return to service. Details of this inspection are on file at this agency under work order no. 7417, 7500, 7501					
			Authorized Signature					
			Presno Jet Center	ENGT 1526.3			FAA Approved Repair Station No. 404-12	
			8045 E. Anderson	PROP 1526.3	SUM 121.3			
			Presno CA 93720					

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

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19__	
July 9 1990 Tach Time: 1607.9				19__	Aircraft Inspected IAW Cessna 100 hour check list. Aircraft Jack Landing gear checked. Replaced nose wheel strut cylinder, Resealed nose strut. Installed new ALI Battery tested 121.5. Aircraft serviced IAW Cessna service manual. Aircraft Ground operated checked O.K. I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition. Ronald A. Meyer IA [REDACTED]
June 7 1991 Tach Time: 1694.2					Flapped both main tires. Installed Brake linings on both main wheels. Ronald A. Meyer IA [REDACTED]

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
1991							
Aug 7 1991			Aircraft Inspected I/A/W Cessna 100 hour/Annual				
Tach Time: 1706.7			Check list. Replaced outside and shaft O-Rings on fuel				
Total Time: 1706.7			Caps (L & R) Replaced central & Relief Vacuum filters. Resealed				
			Power Pack manifold valve and Right main Gear down lock cylinder				
			Aircraft jacked Landing Gear System tested - checked O.K.				
			Emergency & warning system - checked O.K. Aircraft treated				
			with ACF 50 Corrosion Block. Complied with A.D. 87-26-02				
			by Replacing Engine Air Filter. A.D. 88-12-12 by Installing				
			hardware to make fuel Strainer bowl work I/A/W Para (A) (3)				
			A.D. 87-20-03er by Inspecting seats & seat tracks. Aircraft				
			Ground operated - checked O.K. I Certify that this Aircraft				
			has been Inspected in accordance with an Annual Inspection				
			and was Determined to be in Airworthy Condition.				
							Ronald C. Major IA [REDACTED]

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

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 ____	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error VOR 1 VOR 2	Place	Signature		

11/19/91 REPAIRED AEROMECH 8140B ENCODING ALI WITH OHC UNIT
 SYSTEM GROUND CHECKED GOOD
 D. W. [Signature] CRP # NR1R3S8K



MARAV, INC. 415/898-2355

MARIN AVIONICS

451 Airport Rd. • Novato, CA 94945

ALTIMETER/STATIC AND ALTITUDE REPORTING EQUIPMENT SYSTEMS HAVE BEEN TESTED AND INSPECTED PER APPENDICES E AND F OF PART 43. AS REQUIRED BY FAR 91.411 CALIBRATED TO 20,000

TRANSPONDER(S) HAVE BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF PART 43 I.A.W. FAR 91.413

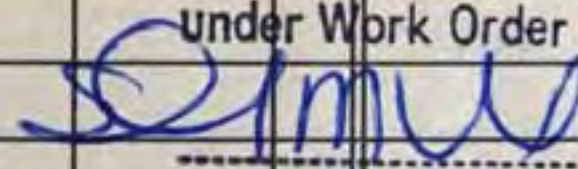
DATE 11/19/91

W.O. # 21967

SIGNED [Signature]

F.A.A. REPAIR STATION CERTIFICATE #NR1R3S8K

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 92							
SEP 5	1754.9		Complied with Following AD - 76-07-12				Bowling SU Next DW
	Total: 1754.9		1854.9 - AD 87-20-03 R1				Scott T. Beck Next DW Next Annual.
			Replaced 7 Cowl Mounts - Replaced Flex Hose				Nose Landing Gear
			Detonation - ELT Battery Replaced - Due Oct 94				Work Starts
			on file.				
<p>I certify that this aircraft N7577U has been inspected in accordance with a Annual inspection on SEP 5, 1992 and was determined to be in an Airworthy Condition. All Airworthiness Directives thru 92-17 complied with. All work on file under Work Order 090292.</p>							
<p> 198532AP XXXXXXXXXX</p> <p>Authorized Signature Certificate Total Time Tech</p> <p>DAN D. WARD</p>							

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

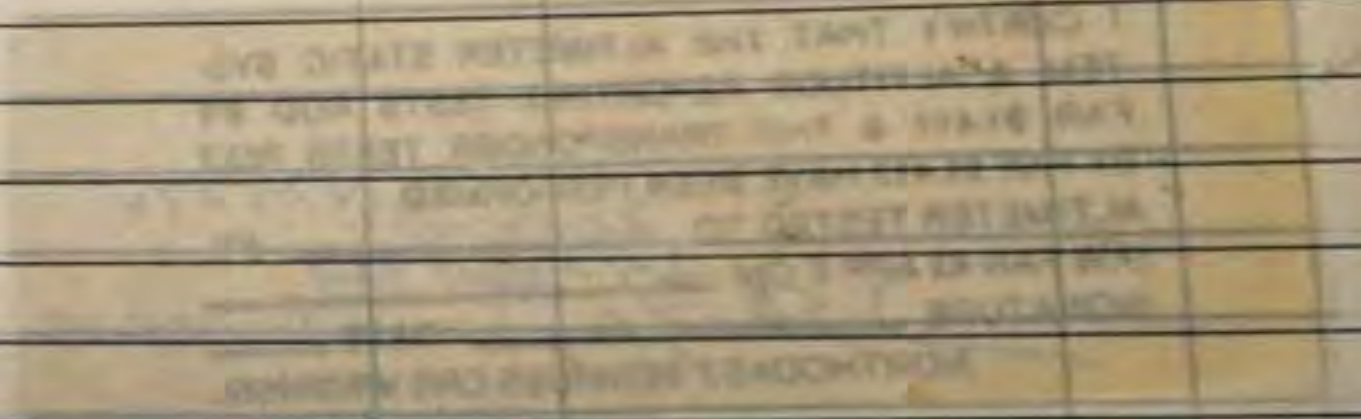
MEMORANDA

ETAD

Date	
9-10-76	ELT BATTERY DUE FOR REPLACEMENT FEBRUARY, 1981.
4-17-80	ELT BATTERYS REPLACED (MAGNESIUM) DUE JAN. 1983
3-29-83	ELT BATTERYS REPLACED. REPLACEMENT DUE AUG 1985 R.F. Quin 1155888
9-5-92	ELT BATTERY REPLACED - DUE OCT 94



DONALD E. PARSONS ATP
CFI A & I 1969906 6/78



AIRCRAFT

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19__	Enter here general data with ref and changes in propeller or engine ALL DATA must bear the endor
Date	Bearing error	Place	Signature		
93	VOR 1	VOR 2			
OCT 16	TACH	1840.6			COMPLIANT WITH ANS P, NEXT D NEXT DUE 194 SW + DIODE DA LIGHT - REPACKED REPLACED AIR BU CROSSOVER PIPE RT OUTBOARD & L HINGE + NOSE G SHEETS ON FILE

SCALE CORRECTIONS

ALTIMETER #1508E
N7577V

Altimeter Reads	ADD	Altimeter Reads	ADD
-1000	-5	12000	+20
0	-	14000	-
500	+20	16000	-
1000	+5	18000	-10
1500	+20	20000	+5
2000	+5		
3000	-		
4000	-5		
6000	-		
8000	+10		
10000	+15		

Repairs - Service Letters -
OR USE OF THIS LOG BOOK,
shown.

- RT TRACK
- SECTOR LIMB
- IGNITION
- RT LANDING
- GEAR SWING
- MUFFLERS &
- REPLACED
- LT COWL FLAP
- K - WORK

has been
Inspection
ned to be in an
Directives thru
work on file

I CERTIFY THAT THE ALTIMETER STATIC SYSTEM & ALTITUDE REPORTING TESTS RQD BY FAR 91.411 & THE TRANSPONDER TESTS RQD BY FAR 91.413 HAVE BEEN PERFORMED. N7577V ALTIMETER TESTED TO 20000 FT. IAW FAR 43 APP E ON 25 FEB 94 SIGNATURE [Signature] DATE 25 FEB 94 NORTHCOAST SERVICES CRS WR3R955L

Date 25 FEB 94 crs WR3R955L
Tested by [Signature]

[Signature] 1985352 1840.6 1840.6
Authorized Signature Certificate Total Time Tach
DAVID M. WARD

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
93	VOR 1	VOR 2		19__	
OCT 16		TACH 1840.6			<p>COMPLIED WITH FOLLOWING AD 87-20-03 R2 SWAY TRACK INS P, NEXT DUE 1940.6, AD 93-02-05 FUEL INJECTOR LINES NEXT DUE 1940.6/OCT 94, AD 93-05-06 GENSETS IGNITION SW + DIODE INSTALLED NEXT DUE 3840.6. REPLACED RT LANDING LIGHT - REPACKED AIR WHEEL BEARINGS, CONDUCTED OIL SWING, REPLACED AIR BOX FLAPPER DOOR; REPLACED BOTH MUFFLERS & CROSSOVER PIPE - REBUILT SHIMMY DAMPER - REPLACED RT OUTBOARD & LT OUTBOARD BRAKE PAD - REPLACED ^{LT} COWL FLAP HINGE & NOSE GEAR DOOR BUSHINGS. GROUNDCKS OK - WORK SHEETS ON FILE.</p>

I certify that this aircraft N 7577V has been inspected in accordance with a Annual inspection on OCT 16, 1993 and was determined to be in an Airworthy Condition. All Airworthiness Directives thru 93-20 complied with. All work on file under Work Order 10/6 93.

[Signature] DA1985352 1840.6 1840.6
 Authorized Signature Certificate Total Time Tach
DA101-1000

I CERTIFY THAT THE ALTIMETER STATIC SYSTEM & ALTITUDE REPORTING TESTS RQD BY FAR 91.411 & THE TRANSPONDER TESTS RQD BY FAR 91.413 HAVE BEEN PERFORMED. N7577V
 ALTIMETER TESTED TO 20000 FT.
 IAW FAR 43 APP E ON 25 FEB 94
 SIGNATURE [Signature] DATE 25 FEB 94
 NORTHCOAST SERVICES CRS WR3R955L



PATTERSON AIRCRAFT COMPANY

SACRAMENTO EXECUTIVE AIRPORT, P.O. BOX 22508, SACRAMENTO, CALIFORNIA 95822

NUT TREE AIRPORT, VACAVILLE, CALIFORNIA 95688

"AIRFRAME"

MAKE & MODEL C-177RG YEAR MFG. 1976 SERIAL 0868 N 7577V

ENGINE MODEL IQ360-A1B6D L.E. No. L-15320-51A R.E. No. B2D34C207 PROP. No. 760935

FAA AIRWORTHINESS DIRECTIVE and SERVICE LETTER COMPLIANCE RECORD

AD or SL Number	AMDMT. #	Subject	Method of Compliance	ONE-TIME	RECURRING	Hours at Compliance	Date at Compl.	Next Comp. Due Date/Hours
70-24-04		Fuel Shutoff valve	N/A by Series	-	-	-	-	-
71-01-03		Cracks in stabilizer ^{angles} attach	N/A by Series	-	-	-	-	-
79-08-03		Electrical System	N/A by S/N	-	-	-	-	-
79-10-14		Fuel tank Venting	N/A by Series	-	-	-	-	-
72-03-03 RB		Wing flap jack screw	N/A by S/N	-	-	-	-	-
74-16-06		Oil pressure gage line	N/A by S/N	-	-	-	-	-
75-07-02		Air Filter seal	N/A by S/N	-	-	-	-	-
76-04-03		ARC PA-500A actuators	N/A by S/N	-	-	-	-	-
76-14-08		Trim Tab Actuator	Inspection found OK..	X		288	Sept. 1, 1976	-
76-21-06		Loss of engine oil	N/A by S/N	-	-	-	-	-
77-12-08		Ext. G.P.O. Receptical	N/A by S/N	-	-	-	-	-
87-20-030		Seat & Track	Visual Insp.		X	1607.9	July 9, 90	1707.9
84-26-02		Engin Air Filter	Replaced		X	1706.7	Aug 7 '91	2206.7
87-20-030		Seat & Track	Visual Insp.		X	1706.7	Aug 7 '91	1806.7
88-12-13		Fuel Strainer bowl	Inspected Headwear to drain	X		1706.7	Aug 7 '91	-
86-19-11		N/A BY S/N	N/A BY S/N					
87-20-0301		SEAT TRACK	Visual Insp		X	1754.9	SEP 5, 1992	1854.9
87-20-0302		SEAT TRACK INSP	Visual Insp		X	1840.6	OCT 16, 1993	1940.6 / OCT 94
93-05-06		GENDES IGN SW	INSP + INSTALL DIODE		X	1840.6	OCT 16, 1993	3840.6
87-20-0301		SEAT RAIL INSP.	INSPECTION		X	1938.0	11-8-95	
F.A.R. 91.171		Altimeter & static System Cert.			X		11-19-91	Ea. 2 Yrs.
FAR 91.172		Transponder Cert.			X		11-19-91	Ea. 2 Yrs.
E.L.T. Battery Pack		Replace			X		9-5-92	OCT 94

"Engine" & Propeller
NUT TREE AIRPORT, VACAVILLE, CALIFORNIA 95688

MAKE & MODEL C-177RG YEAR MFG. 1976 SERIAL 0868 N 7577V
ENGINE MODEL I0360-A1B6D L.E. No. L-15320-S1A R.E. No. 32D34C207 PROP. No. 252182
~~760935~~

FAA AIRWORTHINESS DIRECTIVE and SERVICE LETTER COMPLIANCE RECORD

AD Number	AMDMT. #	Subject	Method of Compliance	ONE-TIME	RECURRING	Hours at Compliance	Date at Compl.	Next Comp. Due Date/Hours
64-16-05		AC Fuel pumps	N/A by Series	-	-	-	-	-
66-06-03		Connecting Rods	N/A by Series	-	-	-	-	-
66-20-04		AC Oil Filters	N/A - Champion ^{installed} CFO 100	-	-	-	-	-
67-22-06	277	Bendix RSA-5 Fuel injectors	N/A by Engine Series	-	-	-	-	-
71-05-02		Lubrication system Insp	N/A by S/N	-	-	-	-	-
71-11-02		Tappet Plungers	N/A by S/N	-	-	-	-	-
73-23-01		Piston Pin Failures	N/A by S/N	-	-	-	-	-
75-08-09		Oil Pump Impellers	N/A by S/N	-	-	-	-	-
75-09-15		Bendix Fuel Flow divider gasket	NA by Part No	-	-	-	-	-
81-18-04 R2		Oil Pump drive Impellers	Replaced Per SB 455A	X		1021.3	8-5-81	-
84-13-05	4886	Crankshaft flange	N/A by Model	-	-	-	-	-
78-07-07 R3		Impulse coupling	Inspected for wear		X	1706.7	Aug 7 '91	2206.7
90-04-06		Governor line	Inspected for leaks		X	1706.7	Aug 7 '91	1806.7
90-04-06 R1		Governor line	Replaced All Aluminum w/Steel	X		1754.9	Sep 5, 92	-
91-14-22		Crankshaft Gear Retaining Bolt	At Eng Overhaul or sudden stoppage			See log Entry		
			32D34C207 SN 752182					
70-04-01	39-939	McCawley Propellers	NA by model	-	-	-	-	-
77-17-09	39-3020	"	NA by model	-	-	-	-	-
82-27-02 R1	39-4544	"	NA by propeller SN	-	-	-	-	-

92-12-05	Piston Pins		See Log Entry
93-11-11	Fuel Pump	Part Not Installed	
93-14-15	Engine Modification	Engine Not Modified	
95-07-01	Connecting Rod Bolts		See Log Entry
95-26-02	Detonation	N/A By Registration	
96-09-10c	Oil Pump Failure		
93-03-05	Fuel Injection Lines		X Every 100HR

Equipment

MAKE & MODEL C-177RG YEAR MFG. 1976 SERIAL 0868 N 7577V

ENGINE MODEL TD-360-A1B6A R.E. No. L-15320-S1A R.E. No. _____ PROP. No. B2D34C207
Ser. No 760935

FAA AIRWORTHINESS DIRECTIVE and SERVICE LETTER COMPLIANCE RECORD

AD or SL Number	AMDMT. #	Subject	Method of Compliance	ONE-TIME	RECURRING	Hours at Compliance	Date at Compl.	Next Comp. Due Date/Hours
79-13-08	39-3507	Airbourse Vac. Pump	NA by SN					
78-09-07	39-4538	Bendix Magnator	Inspection		X	936.5	23 Apr. 79	1436.5
78-18-04	39-3292	"	PCW	X		936.5	4-23-79	
79-12-07	39-3495	"	NA by Model					
79-18-06	39-3606	"	PCW by factory ^{repair} order	X		945.0	4-17-80	
80-17-14	39-3886	"	PCW	X		unkn.	unkn.	
81-11-05	39-4389	"	Inspect rotor gear electrodes for wear	X		1226.3	7-9-85	
84-26-02	39-4966	Paper Element Ind. Air Filter	Replace Filter		X	945.0	4-17-80	1445.0
73-10-02	39-1634	Bendix fuel injection sys	NA - Not ^{repaired or} overhauled					
78-23-10	39-3333	"	NA by parts list No.					
79-21-08	39-3593	"	NA by parts list No					
79-26-03	39-3636	"	NA by parts list No					
74-18-15	39-2068	Leigh ELT's	NA by SN					
74-20-10	39-3104	Leigh ELT's	NA by type batteries					
84-26-02		PAPER ELEMENT IND. AIR FILTER	REPLACED		X	1326.0	8-6-86	1826.0
84-26-02		PAPER AIR FILTER	INSTALLED BRACKET FILTER			1938.0		
78-09-07		IMPULSE COUPLING	INSPECTION		X	1938.0		
81-22-06		Loose Distributor Gear	PCW Identified with "X"					
82-20-01		Impulse Coupling Failure	PCW Identified with "F"					
86-12-07		Imp. Impulse Coupling					Every 500HR	

HardyAire 3501 Lakewood Blvd. Long Beach, California 90808

AD Note Compliance Record

Lt. prop	zone	name	
Rt. prop	dealer	address	
B2D34C207	code	city, St.	
760935	date	serial	177R60868
		eng. L.	I0360-A1136D
		zone	L-15320-51A
		sell code	
		reg. no.	7577V
		eng. R.	
		warr.	

AD Number	Subject	Date & hrs. at compl.	Method of Compliance	1-time	recrng.	Next comp. due. date/hrs	Insp.
76-14-08	trim tab INSP	9/1/76 288	INSP. + OK				
76-07-12	mag switch	9/21/76 300	checked OK		X	400.	
76-07-12	mag switch	10/13/77 793.0	checked OK		X	893.0	
76-07-12	mag switch	4/18/78 858.4	checked OK		X	958.4	
74-20-10	Leigh FLT	4/18/78 858.4	checked OK		X	90 DAYS	
74-05-02	FLT	4/23/79 936.5	removed Lith batt pack		X		
77-17-07		4/18/78 858.4	SIB 589 PART I / SIB 589 PART II				
78-18-01	MAGNETO	4/23/79 936.5	C.W EXCEPT part(D)				
78-09-07	mag impulse	4/23/79 936.5	INSP + OK				
79-18-06	MAG. OVLID BY BENDIK FACTORY	4/17/80 945.0	FACTORY OVERHAUL		X		

(SR)
INSPECTOR

THIS ELT EQUIPPED WITH MERL, INC.
ALKALINE BATTERY PACK P/N BP-1015
APPROVED TSO C-91.

REPLACE BY

~~FEB 10~~ 12

Battery weight: 1.5 lbs.

MERL

MERL, INC. (203) 237 - 8811
1777 N. Colony Rd. P.O. Box 188
Meriden, CT USA 06450



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer CESSNA Model 177RG

Serial 177RG0868 Registration Number 177RG0868

Date of Manufacture _____
N7577V

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

LOG #2 SEE LOG #1

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-8-95	1938.0		1938.0	<p>REPLACED OUTBOARD L.E. SKIN PN 2022015-15 ON L H WING, REPLACED L.E. RIBS AT STA 189.0 & STA 206.0 PMS 1221042-105 & 1221042-93. REPAIRED DENT IN RH TUNNEL WALL PN 2013005-8 BY INSTALLING STAINLESS STEEL DOUBLER, REPLACED NOSE GEAR TRUNION PN 2043071-1, REPLACED FRONT NOSE GEAR DOOR WITH SERVICEABLE USED PART, REPLACED RH GEAR SPRING WITH USED PART # 2044005-3. INSTALLED NEW SEALS & PUCKS IN GEAR SELECTOR VALVE, REPLACED ELT BATTERY NEXT DUE APR 1997. COMPLIED WITH AD 87-20-03 R2 SEAT RAIL INSPECTION, AD 84-26-2 REPLACED AIR FILTER WITH BUCKEY FILTER.</p>

(CONT.)

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
		(CONT.)		REPLACED BEARINGS & RACES IN NOSE WHEEL
				REPAIRED LOWER ENGINE COWL AT RT GEAR DOOR
				PAINTED LH WING L.E AND ENGINE COWL.
				I CERTIFY THAT THIS AIRCRAFT HAS
				BEEEN INSPECTED IN ACCORDANCE WITH
				AN ANNUAL INSPECTION AND WAS
				DETERMINED TO BE IN AN AIRWORTHY
				CONDITION, M. J. McCawley A[REDACTED] IA

Entries must be endorsed with Name, Rating and Certificate Number of Technician at this Facility. (See back pages for other specific entries.)

TACH TIME
FLIGHT
SERVICE

I certify that the Altimeter and static system tests required by F.A.R. Part 91.411 have been performed. The Altimeter was tested to 20,000 feet on 12-20-95

Date

Signature [Signature]

Certificate No. 2506706
for H.A.L. dba East Kansas City Avionics F.A.A.
Repair Station #SK2R164L WO#19912

~~I certify that Transponder Model No. _____ S/N _____ installed in this aircraft has been tested and inspected and found to comply with requirements of F.A.R. 91.413 and is approved for return to service.~~

~~Date _____ Signed _____ Certif. No. _____
For H.A.L. dba East Kansas City Avionics
FAA Repair Station #SK2R164L~~

I certify that Transponder Model No. RT 359A
S/N 7629 installed in this aircraft has been tested and inspected and found to comply with the requirements of F.A.R. 91.413 and is approved for return to service.

Date 12-20-95 Signed [Signature] Certif. No. 2506706

For H.A.L. dba East Kansas City Avionics
FAA Repair Station #SK2R164L WO#19912

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician

Repair

AIRFRAME LOG 177RG0868

2-9-96 1969.5 TACH TIME. REPLACED STARTER AFTER BEING OVERHAULED BY CRS# NV2R045L, P/N MZ4222 AE S/N A-109878, OPS CHECKS OK. REPLACED BATTERY WITH G-35. REF WO# 04-0104963.

APPROVED FOR RETURN TO SERVICE

Signed [Signature] Title AIP [Redacted]

~~Certified Repair Station # [Redacted]~~
RAYTHEON AIRCRAFT SERVICES, INC.
P. O. Box 9162 WICHITA, KANSAS

03

1969.5

WED

DATE 19 <u>96</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
MAY 2	1991.5			<p>Removed ORIGINAL INTERIOR Replaced with CUSTOM INTERIOR MADE FROM MATERIALS PURCHASED FROM ARTEX AND OTHERS TO COMPLY WITH FAR 25.853 AS NEEDED FOR BURN TESTS ECT. SAND X PAINT EXTERIOR TRIM STRIPES. [REDACTED] PAINTED WITH DUPONT CENTARI RED X GRAY FLEET COLORS</p> <p>Edmund McEwenh [REDACTED]</p>

PRINTED)
TIM

ASA. E

SKYCOM AVIONICS, INC.

AIRCRAFT LOG ENTRY

N # 7577U

Description of work done:

Installed overhauled NAV I indicator P/N 1N-525B
45010-2000 } Ramp Check.
S/N 6293 }
ENP

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

Date: 7-1-96 Tach: 2019.1 W.O. 402897 Signed [Signature]

TIMMERMAN FIELD
9305 W. APPLETON AVE.
MILWAUKEE, WI 53225
(414) 463-8180
 F.A.A. No. NC5R062N

CRITES FIELD
501 BLUEMOUND RD.
WAUKESHA, WI 53188
(414) 521-8180
 F.A.A. No. NC5D062N

KENOSHA REGIONAL AIRPORT
9420 - 52ND ST.
KENOSHA, WI 53144
(414) 652-8120
 F.A.A. No. NC52062N

DANE COUNTY AIRPORT
3430 MILLER STREET
MADISON, WI 53704
(608) 246-8180
 F.A.A. No. NC53062N

F.A.A. No. NC5R062N

DATE 19 96	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
Jul 26	2024.7	MAGNETO		<p>DISASSEMBLED CHECKED INTERNALLY REASSEMBLED RE TIMED TO ENGINE. FUEL INJECTOR LINE REPLACED # 3 CYL. AD 96-12-07 IMPULSE COUPLING INSPECTED OK Shawn Mathias IA 395526433 REPLACED MIXTURE CABLE, REPLACED STABILATOR BEARINGS AND ONE BUSHING. REPLACED ALL 4 ENGINE MOUNTS. William R. Binger [REDACTED] REP</p>

WISCONSIN AVIATION
- FOUR LAKES INC.
MAINTENANCE
MADISON, WI 53704

February 1, 1997

Tach 2114

ACTT 2114

N7577V

AIRFRAME LOG

Completed an Annual Inspection this date in accordance with Cessna Inspection Form. All work performed in accordance with Cessna Service Manuals. Reinstalled engine. Lycoming IO-360-A1B6D, S/N L-15320-51A after repair by Heartland Aircraft. Installed used serviceable right aft outboard rib assembly P/N 1221089-38. Replaced L/H & R/H brake linings. Repair cowl flap doors and installed new grommets on door attachments. Installed new detent spring in co-pilots door mechanism. Install vent fairing on lower cabin vent hole. Installed MLG support shells and nose LDG down lock shock pad on nose landing gear down lock. Adjusted landing gear rigging. Install new wiring to nose gear squat switch and down lock switch. Replaced L/H & R/H fuel tank sending units. Replaced vacuum instrument filter and vacuum relief filter. Install exterior data plate. Repaired left forward muffler support bracket and left muffler heat shroud. Replaced EGT probe and gauge in aircraft. Installed new induction filter. Complied with FAR 91.207 rev. D, ELT inspection next due February 98. Complied w/AD 87-20-03 R2 Revision 9/24/90 by seat rail inspection next due February 1, 1998. Installed fuel transducer repaired by instrument rebuild CRS #IP6R621N, W.O. #021494. Installed seat belts and shoulder belts repaired by Aircraft Belts, invoice #039080-IN. I certify that this airframe has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Wm Bummer IA [REDACTED]

— END —

SKYCOM AVIONICS, INC.

AIRCRAFT LOG ENTRY

N # 7577V

Description of work done:

REMOVED RATE GYRO G-300A SN#1-771-450. MARRIED OHC
G-300A SN#788-190 AND EXISTING CA-295 A/P COMPUTER.
PLACARD PANEL 'A/P SYSTEM INOP' DUE TO LACK SERVO
DRIVE. -----END-----

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

Date: 6-20-97 Tach: 2180.5 W.O. 403317 Signed [Signature]

TIMMERMAN FIELD
9305 W. APPLETON AVE.
MILWAUKEE, WI 53225
(414) 463-8180
 F.A.A. No. NC5R062N

CRITES FIELD
501 BLUEMOUND RD.
WAUKESHA, WI 53188
(414) 521-8180
 F.A.A. No. NC5D062N

KENOSHA REGIONAL AIRPORT
~~9420 52ND ST.~~
~~KENOSHA, WI 53144~~
~~(414) 852-8120~~
 F.A.A. No. NC52062N

DANE COUNTY AIRPORT
3430 MILLER STREET
MADISON, WI 53704
(608) 246-8180
 F.A.A. No. NC53062N

1/21/97

AVIONICS, INC. AIRCRAFT LOG ENTRY

N #

7577V

REMOVED AUTOPILOT SERVO P/N 43615-1004 S/N 3305 AND
INSTALLED S/N 1003. RAMP TESTED AUTOPILOT ROLL SYSTEM. ---
-----END-----

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

Date: 7-8-97 Tach: 2183.6 W.O. 403398 Signed [Signature]

TIMMERMAN FIELD
9305 W. APPLETON AVE.
MILWAUKEE, WI 53225
(414) 463-8180
 F.A.A. No. NC5R062N

CRITES FIELD
501 BLUEMOUND RD.
WAUKESHA, WI 53188
(414) 521-8180
 F.A.A. No. NC5D062N

KENOSHA REGIONAL AIRPORT
~~8420 - 52ND ST.
KENOSHA, WI 53144
(414) 852-8120
 F.A.A. No. NC52062N~~

DANE COUNTY AIRPORT
3430 MILLER STREET
MADISON, WI 53704
(608) 246-8180
 F.A.A. No. NC53062N

WISCONSIN AVIATION FOUR LAKES, INC.
MADISON, WI 53704
AIRFRAME LOG

DATE

19

N# 7577V
MODEL # C-177RG
DATE 3/4/98
S/N# 177RG0868

ACTT 2289
HOBBS _____
TACH 2289

ETT 2289
ETSO 351
PTT Unknown
PTSO 765

Repair

Completed an Annual Inspection in accordance with Cessna 177RG, maintenance manual checklist. All work completed in accordance with Cessna 177RG maintenance manual. Installed new cowl lord mounts at the #5, #6 and #8 o'clock position p/n J7444-14. Resecured landing gear warning horn wires to the throttle switch. Installed new scat hose between air filter and air box. Replaced exhaust clamp on #4 cylinder riser with new p/n 0750161-25. Replaced vacuum relief filter with new. Installed new brake hoses on both left and right side p/n S1810-600. Re-sealed windshield with silicone. Installed new ELT battery due again January 00.

Complied with FAR 91.207(d) ELT inspection. O.K. at this time. Complied with AD 87-20-03R2 rev. date 9/24/90 seat track inspection. O.K. at this time, due again 3/99. Run up and ops check good.

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

Paul Chiles IA [REDACTED]

AIRFRAME LOG

N# 7577V
MODEL # C177RG
DATE 11/3/98
S/N# _____

ACTT _____
HOBBS 2154.8
TACH 2373.0

ETT _____
ETSO _____
PTT _____
PTSO _____

Removed existing left muffler and installed overhauled unit from Aerospace Welders p/n 205400-42 (Aerospace Welder, W.O. 24209 CRS# UWDR792L).

Wm. Burns

(A [REDACTED])

— END —

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-249-2189



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

AIRFRAME LOG

DATE
19__

R
T
T

N# 7577V
MODEL # C177RG
DATE 11/3/98
S/N# _____

ACTT _____
HOBBS 2154.8
TACH 2373.0

ETT _____
ETSO _____
PTT _____
PTSO _____

air

Changed contact right and left p/n 10-382585. Changed condenser right and left p/n 10-382807-E. All work done in accordance with Bendix maintenance manual. Removed all spark plugs, cleaned, gapped and tested. Aircraft ran up, ops and leak check O.K.

Gene Thurl
Gene
AP [Redacted]

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-249-2189



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

1577V

DATE 1-7-99

TACH

REPLACED ALTERNATOR DOFF10300J, OVERHAULED
BY ELECTROSYSTEMS, INC, SERIAL NO. 8070274
W.O. NO. M444960, CERTIFICATE NO. UT2RZZ6L
GROUND RUN-UP AND OPSS TEST GOOD.

Wm. B.

IA [REDACTED]

— END —

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-249-2189



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

920-261-4567

AIRFRAME LOG

19

N# 7577V
MODEL # 177RG
DATE 3/12/99
S/N# 0868

ACTT _____
HOBBS 2154.8
TACH 2418.9

ETT _____
ETSO _____
PTT Unknown
PTSO Unknown

Repair

Removed starter p/n MZ4222, s/n A109878 and installed overhauled starter p/n MZ4222, s/n A-89272. Starter overhauled by Prestolite. CRS# TVER117K. Work order #7476, ops check good.

Christopher M. Seader AP [REDACTED]

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-249-2189



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

AIRFRAME LOG

DATE 19
RECORDING
TACH
TIME

N# 7577V
MODEL # 177RG
DATE 5/7/99
S/N# 177RG-0868

ACTT 2444.3
HOBBS _____
TACH 2444.3

ETSO _____
PTT _____
PTSO 919.7

Performed an Annual Inspection on this date in accordance with Cessna 177RG inspection checklist. All work performed in accordance with appropriate maintenance manuals. Replaced the following items: new vacuum relief filter p/n B3-5-1, instrument air filter p/n D9-14-5, serviceable main gear actuator support bracket p/n 1001-10, new cowl flap hinges p/n 2052012-1, new forward nose gear door hinges and attaching parts #2052008-2, 20520008-1, 2052009-1, 2052009-2, S1896-44 and MS20392-3C63, new right nose gear door hinge 2043021-7, clevis MS21523RS, spacer NAS42DD8-12. Removed and installed exhaust system, muffler overhauled and stack repaired by Aerospace Welding, Minneapolis Inc. cert #UWDR792L W.O.#26355 and 27587.

Complied with FAR 91.207(d) ELT inspection, ELT battery due 2000, Jan.
Complied with AD 87-20-03R2 seat track inspection, rev. 9-24-90 next due TT2544.3.

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

AA [Signature] [Redacted] IA

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-249-2189



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

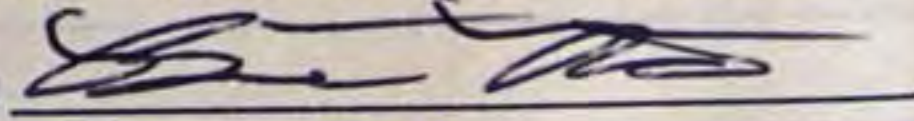
SKYCOM AVIONICS, INC.
AIRCRAFT LOG ENTRY

N # 7577V

Description of work done:

CALIBRATED #2 VOR. R&R #2 NAV/COM. RAMP CHECKED BOTH NAV/COM'S. REMOVED AEROMECH MODEL 8140B-20 SN#1508E. INSTALLED NEW PN#5934P-3 SN#399887. INSTALLED NEW SSD120-30 SN#S37531. TRANSPONDER IS A ARC RT-359A SN# 7625. TESTED SYSTEM TO COMPLY WITH FAR 91.411 AND FAR 91.413. WEIGHT AND BALANCE CHANGE NEGLIGIBLE. -----END-----

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

Date: 5-5-99 Tach: W.O. 40460 Signed 

TIMMERMAN FIELD
9305 W. APPLETON AVE.
MILWAUKEE, WI 53225
(414) 463-8180
 F.A.A. No. NC5R062N

CRITES FIELD
501 BLUEMOUND RD.
WAUKESHA, WI 53188
(414) 521-8180
 F.A.A. No. NC5D062N

DANE COUNTY AIRPORT
3430 MILLER STREET
MADISON, WI 53704
(608) 246-8180
 F.A.A. No. NC53062N

DATE

19

SKYCOM AVIONICS, INC.

AIRCRAFT LOG ENTRY

Description of work done:

N # 7577L

pair

REMOVED CA295B SN#1437 FOR SERVICE. -----END-----

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

Date: 5-27-99 Tach: 2445 W.O. 404628 Signed [Signature]

TIMMERMAN FIELD
9305 W. APPLETON AVE.
MILWAUKEE, WI 53225
(414) 463-8180
 F.A.A. No. NC5R062N

CRITES FIELD
501 BLUEMOUND RD.
WAUKESHA, WI 53188
(414) 521-8180
 F.A.A. No. NC5D062N

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

DANE COUNTY AIRPORT
3430 MILLER STREET
MADISON, WI 53704
(608) 246-8180
 F.A.A. No. NC53062N

DATE

19

SKYCOM AVIONICS, INC.

AIRCRAFT LOG ENTRY

N #

7577N

Description of work done:

REMOVED GLIDESLOPE RX R443B S/N 4472. INSTALL R443B S/N 2371.
RAMP CHECK NORMAL.-----END-----

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

Date: 8-10-99 Tach: 7486 W.O. 404744 Signed Robert D. Gledhill

TIMMERMAN FIELD
9305 W. APPLETON AVE.
MILWAUKEE, WI 53225
(414) 463-8180
 F.A.A. No. NC5R062N

CRITES FIELD
501 BLUEMOUND RD.
WAUKESHA, WI 53188
(414) 521-8180
 F.A.A. No. NC5D062N

DANE COUNTY AIRPORT
3430 MILLER STREET
MADISON, WI 53704
(608) 246-8180
 F.A.A. No. NC53062N

DATE

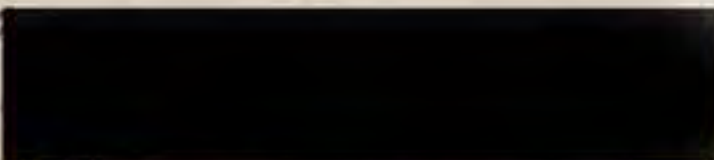
19

ENGINE LOG

N# 7577V
DATE 11/24/99
TACH 2540

Changed oil and filter. Cut filter open and inspected satisfactory. Installed CH48103 filter and serviced with 8qts. Aeroshell 15w50 oil. Ground run-up and leak checked system OK.

Shawn Muthier I.A.



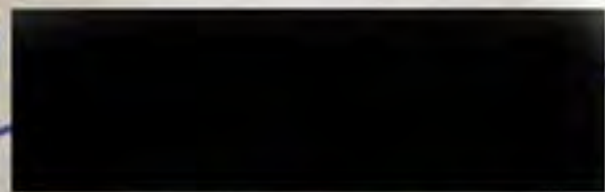
Wis
360
Mac
608

N# 7577V
DATE 11/1/99
TACH 2519.8

AIRCRAFT LOG

Replaced left & right main landing gear actuator support brackets, p/n 2041014-2 & p/n 2041014-1, with used serviceable units and installed new support pin p/n 20410200. Maintenance performed in accordance with Cessna service manual.

Shawn Muthier I.A.



Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-249-2189

Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567



Repaired static system. Checked system as per
FAR 43 Appendix E(a). — EWD —

1-7-00

N757TV

wo# 450

DBR124D *[Signature]*

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-249-2189

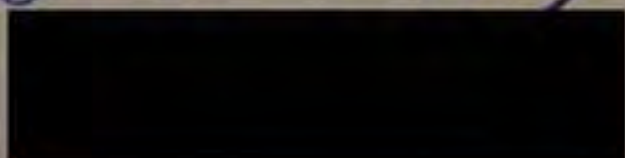


Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

N757TV

Removed 5000F-6 SW#47182F. Installed
Overhauled Unit SW#92880F. Ramp Checked.
WO#414. 1-7-00. ————— EWD —————

Steve W. Wynn



AP

 Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-249-2189



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

DATE
19__

Date 05/28/00
Hobbs 2154.8
Tach 2627.4

N# 7577V
ACTT 2627.4

ETI _____
ETSO 689.4

Completed an Annual Inspection I/AW Cessna 177RG maintenance manual checklist . All work done I/AW Cessna 177RG maintenance manual . Installed new induction filter P/N BA5705 . Installed new ELT battery , expires May 2002 . Repaired broken ground wire of tail Nav light . Replaced vacuum relief filter and central instrument filter , P/N's B3-5-1 & D9-14-5 . Stop drilled small cracks on top rudder cap . Cleaned corrosion from battery box and repainted battery box and cleaned out drain .
CW AD 87-20-03R2 rev date 9/24/90 . Seat Rail Inspection by visual and measurement . Next due at 5/2001
CW FAR 91.207(d)ELT Operation test and inspection . Next due 5/2001

[Handwritten signature]
A.P. [Redacted]

Wisconsin Aviation - Madison
3606 Corben Court

Wisconsin Aviation - Watertown
1741 River Drive

AIRFRAME LOG

N# 7577V
DATE 2/7/00
TACH 2580.5

Installed used serviceable panel light dimmer assembly p/n 1570166-1 with 2 each new transistors p/n 2N3055.

[Handwritten signature]
[Redacted]

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-249-2189

Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567



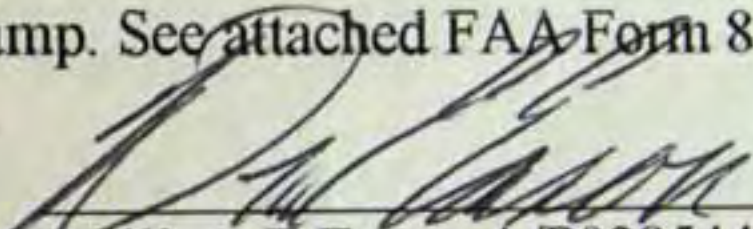
3/31/00

Tach: 2596.1

Eagle East Aviation Inc.
Lawrence Municipal Airport
N. Andover, Ma. 01845

N7577V

- Removed and replaced vacumm pump with overhaul exchange pump. See attached FAA Form 8130-3. Ground run-up proved all functions to be satisfactory at this time.


William E Eason A/P028544835

SERVIC

Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new

14. New
 Newly Overhauled

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

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

15. Signature

16. FAA Authorization No.

20. Authorized Signature

21. Certificate Number

NE5R064N

17. Name (Typed or Printed)

18. Date

22. Name (Typed or Printed)

JEFF SCHMID

23. Date

9/27/09

* (Optional) Installer must cross check eligibility with applicable technical data

DATE

19

REC
TAC
TIME

06-12-2000

TACH: 2633.1

N 7577V

C 177

REPLACED #4 CYLINDER INDUCTION
TUBE WITH NEW GASKETS.
J. J. Woods [REDACTED] AP

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Timmerman Field
Milwaukee, WI

GRAN-AIRE, INC.

F.A.A. APPROVED REPAIR STATION NO. AZOR351C

Phone: (414) 461-3222
Fax: (414) 461-8207

8-15-00 Tach. 2646
 Replaced LH landing gear shell bracket, P/N - 2041030. Landing gear retraction and extension check good.

With respect to the work performed on this aircraft and/or engine identified above, Gran-Aire inspected and/or repaired it in accordance with Federal Aviation Regulations and found it airworthy for return to service. Pertinent details of the repair are on file at this agency under work order no. 8856.

Date 8-15-00

Signed Kerry P. Bethke

DATE

19

Timmerman Field
Milwaukee, WI

GRAN-AIRE, INC.

F.A.A. APPROVED REPAIR STATION NO. AZOR351C

Phone: (414) 461-3222

Fax: (414) 461-8207

Repair

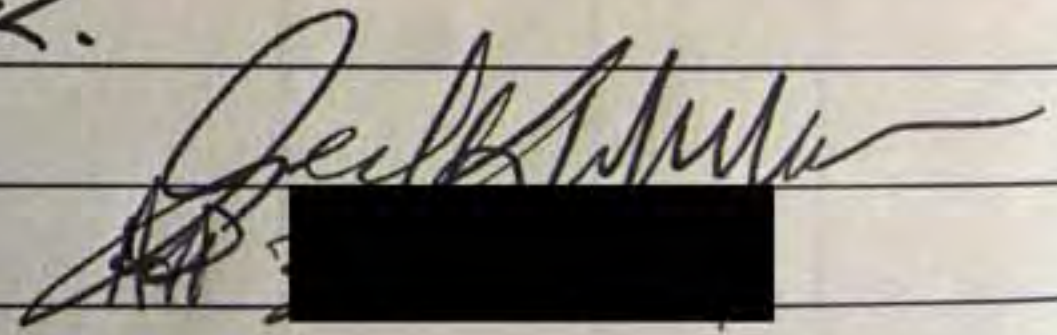
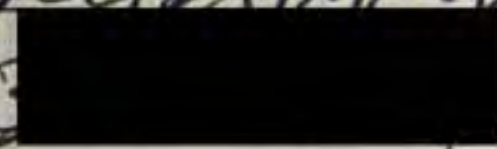
6/27/01 Tach 2681 TTAF 2681

Completed Annual inspection this date. Performed a detailed inspection of wings, tail, cabin, and fuselage sections. Inspected and lubed flight control systems. Replaced both pivot bolts with new for horizontal stabilizer. Checked cable tensions. Jacked aircraft and inspected landing gear system. Checked operation of gear retraction system including emergency extension test. Checked wheels and brakes. Lubed aircraft per maintenance manual. Charged A/C battery. Checked lights and electrical system. Replaced voltage regulator. Replaced vacuum regulator filter. Tested ELT IAW FAR 91.207. Reinstalled after repair due to failed G-switch. Battery good thru 5/02. Replaced LH interior fresh air duct with a new part. C/W AD87-20-03R2 dated 9/24/90 by inspection of seats and seat tracks. Next due 6/02. Performed run-up and checked operation of aircraft systems.

I certify that this aircraft or engine has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Pertinent details of the work performed are on file at this agency under work order no. 9276.

Signed Kerry P. B. [Signature]

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
ACT		N 7577 ✓		5-6-02 1772 086A
TACH	2747.6			INSTALLED NEW BRAKE ROTOR DISC P/N RA 164-30440 LININGS 011-066-3026. BLED BRAKES. INSPECTED + PACKED MAIN WHEEL BEARINGS. INSTALLED NEW RUDDER TIP CAP. BALANCED & CHECKED RUDDER FOUND TO BE OK.

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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06/26/02 N7577V C177RG S/N 177RG0868 TACH 2764.3

Replaced alternator circuit breaker and landing gear circuit breaker. Lubricated landing gear trunions and linkage. Performed landing gear operational check and found to be satisfactory. This aircraft is approved for return to service at this time as to the above work performed.

Jerrod K Whittaker

Jerrod K Whittaker
 A&P [REDACTED]

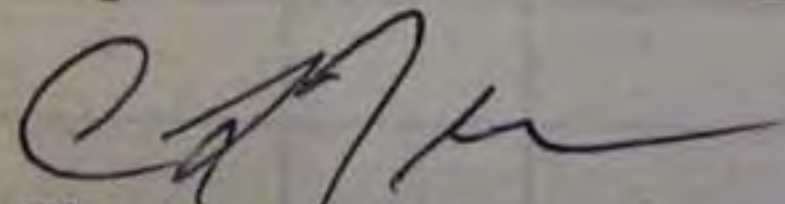
Flight Nebraska Group, 411 Church Rd., Plattsmouth NE 68048

8/2/2002 Tach 2778.1 TT 2778.1

Installed a new windshield p/n 1710000-10. Installed new O' rings in the right main gear down lock. Replaced wheel bearings and races in the left and right main wheels p/n 08125 and 08231. Serviced battery and hydraulic system. Tested and inspected ELT per FAR 91.207. Replace July 03.

Complied with AD 87-20-03R2 by inspection of seat tracks and rollers. Found OK due at next annual inspection. Performed retraction test.

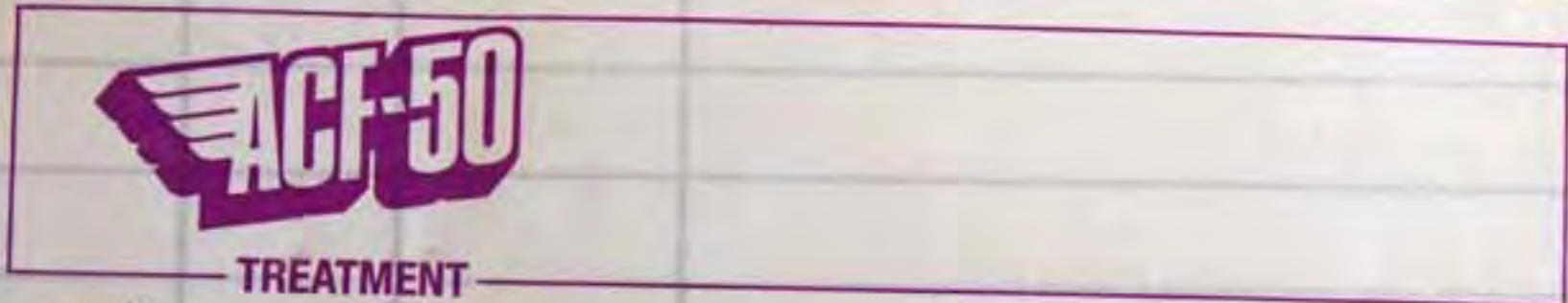
I certify that this aircraft has been inspected in accordance with an annual inspection was determined to be in an airworthy condition.



Charles L. Thompson

A&P [REDACTED] IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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TREATMENT

8/2/02

TREATMENT
DATE

2778.1

TACH TIME

NEXT TREATMENT DATE

N 7587U

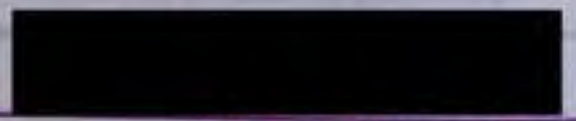
AIRCRAFT SN OR
N NUMBER

06812

I certify that this aircraft has been treated with ACF-50 (Mil-C81309D) to prevent or arrest corrosion. Treatment is effective for a minimum of 12 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.

John B. [Signature]

TECHNICIAN'S SIGNATURE



A & P NUMBER

DAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

JETSUN AVIATION CENTRE / SUX, IA FAA APP. REPAIR STATION CRS# SG7R549J

N7577V

Model: CESSNA 177RG

Date: 8-22-02

S/N: 0868

W.O. 3372

~~HBS-2166-1~~ m.P.

CERTIFIED THE FOLLOWING COMPONENTS TO 20,000FT.

Tech: 2786-3

TRANSPONDER P/N: RT-359A S/N: 7625

ENCODER P/N: SSD120-30 S/N: 37531

ALTIMETER P/N: N/A S/N: 399887

MAINTENANCE RELEASE

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under WORK ORDER 3372.

Date: 8-22-02, Signed: [Signature] For,
Jetsun Aviation Centre CRS#SG7R549J
Sioux City, IA 51110

ALTIMETER CERTIFICATION

Altimeter, Transponder, and Altitude Reporting Equipment tested in compliance with FAR 91.411, FAR 91.413, Part 43, Appendix E, and Part 43 Appendix F. Static System certified per FAR 23.1325. All systems meet requirements. This data filed with Work Order # 3372 at Repair Station #SG7R549J

8-22-02 [Signature]
Date Signature

BECKER AIRCRAFT MAINTENANCE

56395 883 RD

HARTINGTON, NE 687329

Repair

01-24-03 CESSNA N7577V S/N 177RG 0868 2807 HR TACH AND TT.

**INSTALLED NEW SWIVEL JOINT RT MAIN GEAR BRAKE SYSTEM BLEED BRAKES,
SERVICE SHIMMEY DAMPNER, SHIM AND TIGHTEN NOSE GEAR STEARING SYSTEM,
TIGHTEN BOLTS ON HYD POWER PACK SERVICE SYSTEM GEAR RETRACTION CK,
NO HYD LEAKES AT THIS TIME. SERVICE BATTERY, ROTATE MAIN TIRES.**

Roger Presnick 1512377 IA

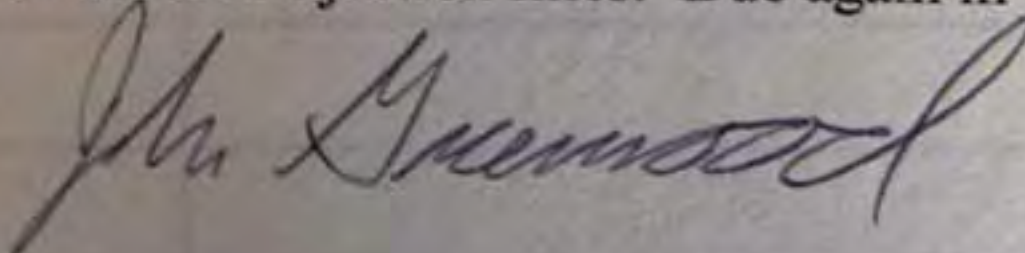
DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair</small>
19 ____				

**Flight Nebraska Group, 411 Church Rd.,
Plattsmouth NE 68048**

April 21, 2003 Tach 2817.1

Removed fuel injection nozzles and cleaned. Complied with AD 2002-26-01 by visual inspection of the fuel injection lines. Due again in 100hr TIS.

John Greenwood
A&P [REDACTED]



DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
19 _____			

Entries must be entered in this Facility. (See back pages for other spots)

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA. 51111 CRS# SG7R549J
 N7577V Model: Cessna 177RG S/N: 0868 TACH: 2823.3 Date: 06-13-03

Certified the following components to 20,000 Ft.

- Altimeter P/N: 5934P-1 S/N: 399887
- Encoder P/N: D120-30 S/N: 37531
- Transponder P/N: RT-359A S/N: 7625

MAINTENANCE RELEASE

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under WORK ORDER 3570.

Date: 06-13-03, Signed: *Mud Patis*
 Jetsun Aviation Centre CRS#SG7R549J
 Sioux City, IA 51111

ALTIMETER CERTIFICATION

Altimeter, Transponder, and Altitude Reporting Equipment tested in compliance with FAR 91.411, FAR 91.413, Part 43, Appendix E, and Part 43, Appendix F. Static System certified per FAR 23.1325. All systems meet requirements. This data filed with Work Order # 3570 at Repair Station

For, #SG7R549J
06-13-03 *Mud Patis*
 Date Signature

DATE

19

BECKER AIRCRAFT MAINTENANCE

56395 881 RD

HARTINGTON NE 687329

8-19-03 N7577V S/N 177RG0868 2825.8 TACH AND A/C TT

JACKED A/C LUBE WHEELS LANDING GEAR GEAR RETRACTION CK CK FUEL SCREEN
INSTALLED NEW ELT BATTERY DUE DATE AUG 05 C/W FAR 91-207 CRASH TEST ELT.
C/W AD 87-20-03R2 SEAT TRACK AND SEAT INSP. SERVICE POWER PACK , BATTERY
AND BRAKE SYSTEM.

I CERTIFY THAT THE AIRCRAFT IDENTIFIED ABOVE HAS BEEN INSPECTED I/A/W CURRENT
FAA REGULATION FOR ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

Rep. [Signature] 8/18/2003 F.A.

DATE

19

Date: 3-18-2004 N#: 7577V Model: Cessna 177RG S/N: 177RG0868 TT: 2853.3

Technician or Repair

Removed the following equipment:

- a. #2 Nav/Com b. #2 nav ind.
- c. LORAN d. Transponder
- e. Audio panel f. turn and bank indicator
- g. Cessna a/p computer CA295b
- h. Cessna roll servo i. Loran antenna

Installed the following equipment:

- a. Garmin GNS 530 Nav/Com/GPS p/n 011-00550-10 s/n 78410300
- b. Garmin GI-106A p/n 013-00049-00 s/n B04-10249
- c. Garmin GMA-340 Audiopanel p/n 011-00401-10 s/n 96268239
- d. Garmin Transponder GTX 327 p/n 011-00490-00 s/n 83716248
- e. Garmin GA 56 Antenna p/n 010-10040-01 s/n 59090410
- f. S-tec System 50 programmer/computer p/n 0131-12-3 s/n 0408-4954E
- g. S-tec T&B 6405-14L s/n 0407-13421G
- h. S-tec Altitude Transducer p/n 0111 s/n 0406-30184
- i. S-tec pitch servo p/n 0107-1-P4 s/n 0407-14933CDEFG
- j. S-tec roll servo p/n 0105-5-R9 s/n 0407-18272CEFG
- k. S-tec GPSS convertor p/n 03976 s/n 0407-6996E/A
- l. S-tec GPSS switch p/n 03975 s/n 0404-2882

over →

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	3-18-		2004	Continued

Installed all equipment in accordance with manufactures installation manuals Garmin p/n 190-00181-02 Rev G, p/n 190-00180-00 Rev C, p/n 190-00149-01 Rev L, p/n 190-00187-02 Rev J.

Installed all equipment in accordance with manufactures installation manuals S-tec p/n ST-196 and ST-901.

Install all equipment per S-tec STC's # SA5225SW-D.

Installed equipment in accordance with AC 43.13-2A chapters 3,11 and 2 sections 21,22,23,25 and 27, and reference to AC 43.13-1B chapters 4,7,11 and 12. Fabricated new wiring harnesses and interfaced into existing wiring. Complied with FAR 91-411, 91-413 transponder, encoder, static system tests.

The continuous electrical load does not exceed 80% of the total alternator capacity.

The GNS-530 system is TSO'd and as installed and tested, meets the requirements of AC 20-138 for IFR flight. The GNS-530 was STC'd by Garmin STC# SA00864WI (Similar Installation).

A copy of the GNS-530 FAA approved flight manual supplement dated 2-18-2004 has been added to the FAA approved flight manual. All equipment was functional tested per manufactures installation manuals and interference tested with existing systems. Computed new weight and balance and updated equipment list. Replaced pilots and copilot instrument panels, installed instrument lights p/n NL318-xx, removed DG p/n 4000B-12 s/n 421470, installed new DG p/n 52D54/ 4000c-1 s/n T61970M, removed, had repaired, and reinstalled airspeed p/n EA-5175 s/n 8476 and VSI p/n 7000 s/n B8757.

over

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	3-18-		2004	CONTINUED

The altimeter, encoder, transponder, static system tests required by FAR 91-411, FAR 91-413, and FAR 91-217 were performed and found to meet the requirements of FAR 43 appendix E and F.

Tested to 20,000 feet.

Altimeter #1 5934p-3 s/n na

Altimeter #2 na s/n na

Transponder #1 GTX-327 s/n 83716248

Transponder #2 na s/n na

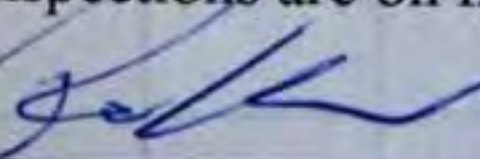
Encoder #1 ssd 120-30a s/n 37531

Encoder #2 na s/n na

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# K15R981Y

The Aircraft, component, identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of these inspections are on file at this repair station under WO# 333.

Signed



Park Rapids Avionics CRS # K15R981Y

DATE
19__

RECORDING
TACH
TIME

Park Rapids Avionics
Repair Station # K15R981Y
Correction Card

Work Order #	333	Date Tested:	18.03.04
Altimeter P/N	5934p-3	Altimeter S/N:	na
Transponder #1 P/N:	GTX 327	Transponder #1 S/N:	83716248
Transponder #2 P/N:	na	Transponder #2 S/N:	na
Encoder P/N:	ssd 120-30a	Encoder S/N:	37531

The following results were obtained in testing for Certification per CFR 14,
 Part 43, Appendix E.

Initial Reading at Ambient for 29.92": 1420'

Scale Error Test

Altitude	Ind. Reads	Altitude	Ind. Reads
-1,000	-1,000	14,000	13,980
0	-5	16,000	15,980
500	500	18,000	17,980
1,000	1,000	20,000	19,980
1,500	1,500	22,000	NA
2,000	2,000	25,000	NA
3,000	3,000	30,000	NA
4,000	4,000	35,000	NA
6,000	5,990	40,000	NA
8,000	7,990	45,000	NA
10,000	9,980	50,000	NA
12,000	11,930		

Repairs and Alterations
 Certificate Number of Technician or Repair
)

BECKER AIRCRAFT MAINTENANCE
56395 883 RD
HARTINGTON NE 68739

Technician or Repair

4-06-04 **N7577V** **S/N 177RG0868** **2856 TACH AND TT**

**INSTALLED ELECTRONICS INTERNATIONAL UBG-16 ENG ANALYZER
I/A/W STC SA00680SE WITH OIL TEMP, ENG GROUND RUN SYSTEM CK OK.
CHANGED OIL AND FILTER SHELL 100W PLUS.**

Nguyen 1812777A

BECKER AIRCRAFT MAINTENANCE

56395 881 RD

HARTINGTON NE. 68739

9-01-04 N7577V S/N 177RG0868 2868.23 TACH AND A/C TT.

JACKED A/C GEAR RETRACTION TEST INSTALLED NEW MAIN TIRES AND TUBES NEW BRAKE LININGS, BALANCE TIRES, CK FUEL SCREEN, INSTALLED FLAP ROLLER KIT BOTH FLAPS, C/W AD 93-02-05 FUEL INJECTORS LINES, C/W AD 87-20-03R2 SEAT TRACKS,

I CERTIFY THAT THE AIRCRAFT/~~NO~~ IDENTIFIED ABOVE HAS BEEN INSPECTED I/AIW CURRENT FAA REGULATION FOR ~~YEAR~~—ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE

Roger Ruchnick 1812777TA

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA. 51111 CRS# SG7R549J

N7577V

Model: Cessna 177RG

S/N: 0868

TACH: 2907.4

Date: 07-12-05

Certified the following components to 20,000 Ft.

Altimeter P/N: 5934P-1 S/N: 399887

Encoder P/N: D120-30 S/N: 37531

Transponder P/N: GTX 327 S/N: 83716248

MAINTENANCE RELEASE

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under WORK ORDER 4033

Date: 7-12-05, Signed: *Mark Peterson*

Jetsun Aviation Centre CRS#SG7R549J

Sioux City, IA 51111

ALTIMETER CERTIFICATION

Altimeter, Transponder, and Altitude Reporting Equipment tested in compliance with FAR 91.411, FAR 91.413, Part 43, Appendix E, and Part 43, Appendix F. Static System certified per FAR 23.1325.

All systems meet requirements. This data filed with Work Order # 4033 at Repair Station

#SG7R549J

7-12-05

Date

Signature

Mark Peterson

DATE

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T
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BECKER AIRCRAFT MAINTANCE
56395 881 RD HARTINGTON NE 68739

11-02-05 N7577V S/N 177RG-0868 2938.3 TACH AND A/C TT.

JACKED A/C LUBE GEAR AND WHEEL BEARINGS, RESEAL RT MAIN GEAR DOWN LOCK CYL, INSTALLED NEW HYD LINE MAIN GEAR DOWN LOCK CYL, SERVICE HYD SYSTEM GEAR RETRACTION CK OK CK GEAR AND STALL WARNING SYSTEM, CK FUEL SCREEN INSTALLED NEW COWL FLAP CONTROLS CABLES AND HINGES, INSTALLED OIL SEPARATOR, SYSTEM I/A/W STC SA02033AT, CK AND LUBE ALL PULLYS AND CONTROL ROD ENDS, C/W AD 2002-26-01 FUEL INJECTION LINES, C/W AD 87-20-03R2 SEAT TRACK INSP. INATALLED NEW ELT BATTERY DUE 12-07 C/W FAR 91-207 CRASH TEST ELT.

I CERTIFY THAT THE AIRFRAME OR ~~ENG~~ OR IDENTIFED ABOVE HAS BEEN INSPECTED I/A/W CURRENT REGULATION FOR ~~100 HR~~ OR ANNUAL INSPECTION AND APPROVED FOR SERVICE

[Handwritten Signature] 11/2/05



FUNCTIONAL TEST

Phone: (316) (316)
Fax: (316) (316)

Augusta, KS

BECKER AIRCRAFT MAINTENANCE

56395 881 RD.

HARTINGTON NE 688739

1-31-06 N7577V S/N 177RG0868 2949.0 TACH

REMOVED OLD ALT REPAIRED ALL SHIELD WIRES INSTALLED NEW CAPACITORS
ON EXCHANGE ALT. P/N DOFF10300JR S/N 8070274 INSTALLED EXCHANGE
ATTITUDE GYRO P/N 5000F-6 S/N A7078F GROUND RUN CK CHARGING SYSTEM
AND GYRO SYSTEM CK OK.

Roger Rusch
Roger Rusch 17777FA

DATE
19__

TOTAL
TIME IN
SERVICE

Reference of Major Repair or Alteration to
FAA Form AC43-253 by Date, or by Number and the Approving Agency

BECKER AIRCRAFT MAINTANCE
56395 881 RD.
HARTINGTON NE 688739

3-02-06 N7577V S/N 177RG-0868 2973.0 TACH.

**REMOVED RT WING FUEL SUMP TANK REMOVED OLD DRAIN VALVE
INSTALLED NEW DRAIN VALVE INSTALLED SUMP TANK LEAK CK OK.
REMOVED NOSE STRUT INSTALLED NEW UPPER AND LOWER BUSHING
NEW O-RINGS AND SERVICE STRUT.**

Roger Rudolph 1512797IA

DATE
19__

A.C.
NU

BECKER A/C MAINT.
56395 881 RD HARTINGTON NE 68739

11-24-06 N7577V S/N 177RG-0868 3004.0 TACH AND A/C TT.

JACKED A/C LUBE WHEEL BEARINGS AND LANDING GEAR GEAR RETRACTION
C/W AD 2002-26-01 FUEL INJECTOR LINES, C/W AD 87-20-03R2 SEAT TRACKS,
C/W WITH FAR 91-207 TEST ELT. SERVICE BRAKE AND GEAR SYSTEM,
RESEAL AND SERVICE SHIMMEY DAMPNER INSTALLED EXCHANGE MUFFLER,S

CERTIFEY THAT THE AIRFRAME OR ~~ENG~~ IDENTIFED ABOVE HAS BEEN INSP,
I/A/W CURRENT REGULATIONS FOR ~~10~~ HR OR ANNUAL INSP, AND
APPROVED FOR SERVICE

Bojan Kuzubik 1812777FA

Airworthiness Directive
Chronological

BECKER AIRCRAFT MAINTANCE
56395 881 RD.
HARTINGTON NE 688739

3-05-07 N7577V S/N 77RG-0868 3018 TACH

**REMOVE INTENIOR FOR REWORK INSTALLED WINDOWS IN PILOT AND CO-PILOT
CABIN DOOR, INSTALLED NEW DOOR SEALES, INSTALLED NEW LT AND RT FWD SIDE
PANLES INSTALLED NEW PILOT DOOR STOP, INSTALLED NEW CARPET FROM AIRTEX,
PAINT DOOR JAMS AND OTHER PLASTIC SIDE PANELS, INSTALLED REAR AND FRONT SEATS
AFTER REUP-HOLSTER,**

Tom Ruckert 1F12873FA

PRC AVIONICS

Repair Station

#QYKR958X

Correction Card

Work Order	191	Date Tested:	10.2.2007
Altimeter P/N:	5934P-3	Altimeter S/N:	399887
Transponder #1 P/N:	GTX327	Transponder #1 S/N:	83716248
Transponder #2 P/N:	N/A	Transponder #2 S/N:	N/A
Encoder P/N:	SSD120-30A	Encoder S/N:	S37531

The following results were obtained in testing for Certification per CFR 14,
Part 43, Appendix E.

Initial Reading at Ambient for 29.92": 1,230

Scale Error Test

Altitude	Ind. Reads	Altitude	Ind. Reads
-1,000	-1,000	14,000	14,020
0	0	16,000	16,010
500	500	18,000	18,010
1,000	1,020	20,000	20,020
1,500	1,520	22,000	
2,000	2,020	25,000	
3,000	3,020	30,000	
4,000	4,020	35,000	
6,000	6,020	40,000	
8,000	8,020	45,000	
10,000	10,020	50,000	
12,000	12,000		

compliance

Crete Aviation, Crete, NE.

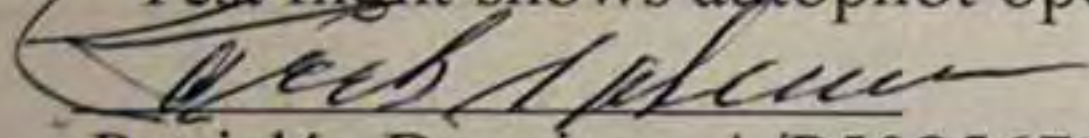
N7577V Tach 3052.2 Date 10/08/2007

Repair wiring on aux power jacks is center pedestal

Adjust autopilot bridal cable on roll servo

Run pitch and roll servos to remove carbon

Test flight shows autopilot operation normal.



Patrick A. Dennison A/P508567103

DATE

19__

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Date 10/2/2007 N7577V Cessna 177RG Tach: 3052.2

The altimeter, encoder, transponder, static system tests required by FAR 91-411, FAR 91-413, and FAR 91-217 were performed. and found to meet the requirements of FAR 43 appendix E and F.

System certified to: 20,000 ft

Altimeter #1: 5934P-3 S/N: 399887

Altimeter #2: N/A S/N: N/A

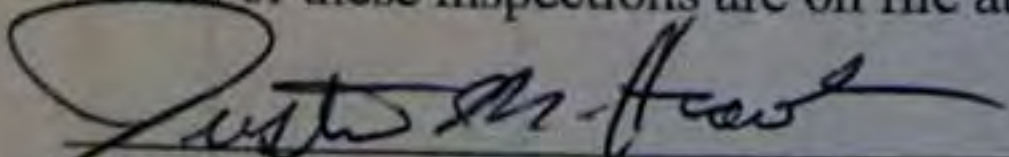
Transponder #1: GTX327 S/N: 83716248

Transponder #2: N/A S/N: N/A

Encoder #1: SSD120-30A S/N: S37531

Encoder #2: N/A S/N: N/A

Details of these inspections are on file at this repair station under WO# 191 Date 10/2/2007



PRC Avionics CRS # QYKR958X

Seite 1

- Addition of Optional Equipment
 - Removal of Optional Equipment
 - Addition of Required-Exchanged for Options
 - Removal of Required-Exchanged for Options
-
- Addition of Optional Equipment
 - Removal of Optional Equipment
 - Addition of Required-Exchanged for Options
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- Addition of Optional Equipment
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- Addition of Optional Equipment
 - Removal of Optional Equipment
 - Addition of Required-Exchanged for Options
 - Removal of Required-Exchanged for Options

Date: 09-27-2007 N#: 7577V Model: Cessna 177RG S/N:177RG0868 TT: 3052.2

Removed Garmin GNS-530 Nav/Com/GPS p/n 011-00550-10 s/n 78410300. Sent to factory for WAAS upgrade. Re-installed upgraded Garmin GNS-530W Nav/Com/GPS p/n 011-01064-40 s/n 78410300, removed GA-56 GPS antenna p/n 011-00134-00 and installed Garmin GA-35 GPS WAAS antenna p/n 013-00235-00. Installed all equipment in accordance with manufactures installation manuals Garmin p/n 190-00357-06 Rev B, p/n 190-00357-02 rev C and STC SA001933LA. Installed equipment in accordance with AC 43.13-2A chapters 3,11 and 2 sections 21,22,23,25 and 27, and reference to AC 43.13-1B chapters 4,7,11 and 12. The continuous electrical load does not exceed 80% of the total alternators capacity. A copy of the GNS-530W FAA approved flight manual supplement Garmin p/n 190-00357-63 Rev. B has been added to the FAA approved flight manual. All equipment was functional tested per manufactures installation manuals and interference tested with existing systems. Weight and balance change negligible, updated equipment list. ICAs see Garmin Document # 190-00357-65 rev a.

Optional
Optional

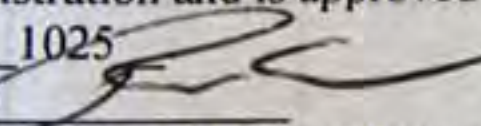
MAINTENANCE RELEASE / RETURN TO SERVICE CRS# K15R981Y

The Aircraft, component, identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of these inspections are on file at this repair station under

Optional
Optional

WO# 1025

Signed



Park Rapids Avionics CRS # K15R981Y

Optional

Removal of Required-Exchanged for Optional

Addition of Optional Equipment

Removal of Optional Equipment

Addition of Required-Exchanged for Optional

Removal of Required-Exchanged for Optional

Addition of Optional Equipment

Removal of Optional Equipment

Addition of Required-Exchanged for Optional

Removal of Required-Exchanged for Optional

Addition of Optional Equipment

Removal of Optional Equipment

Addition of Required-Exchanged for Optional

Removal of Required-Exchanged for Optional

DA

19

BECKER AIRCRAFT MAINTENANCE

56395 881 RD.

HARTINGTON NE. 68739

1-01-08 N7577V S/N 177RG-0868 3062.1 TACH AND A/C TT.

JACKED A/C INSTALLED NEW BEARINGS RACES MAIN AND NOSE WHEEL INSTALLED ALL NEW HYD, LINES ON LANDING GEAR SYSTEM SERVICE SYSTEM GEAR RETRACTION CK BLEED AIR FROM SYSTEM CK WARNING HORN, INSTALLED NEW ELT DUE DATE 2-10 C/W FAR 91-207 TEST ELT. C/W AD 2002-26-01 FUEL INJECTION LINES, AD 87-20-03R2 SEAT TRACKES.

I CERTIFY THAT THE AIRCRAFT/~~ENG.~~ IDENTIFIED ABOVE HAS BEEN INSPECTED I/A/W CURRENT FAA REGULATION FOR ~~100HR~~—ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

Roger Ruschke 1512997 FT

- Addition of Required-Exchanged for Option
- Removal of Required-Exchanged for Option
- Addition of Optional Equipment
- Removal of Optional Equipment
- Addition of Required-Exchanged for Option
- Removal of Required-Exchanged for Option

BECKER FLYING SERVICE INC

56395 881 RD HARTINGTON NE 68739

3-25-09 N7577V S/N 177RG-0868 3101.4 TACH AND A/C TT.

JACKED A/C LUBE GEAR AND WHEEL BEARINGS CK FUEL SCREEN SERVICE

BATTERY ANMD BRAKE FLUID SERVICE HYD POWER PACK, C/W FAR 91-207

TEST ELT, C/W AD 2002-26-01 INSP FUEL INJECTION LINES, C/W AD 87-20-03R2

INSP SEAT TRACKS, CK LUBE ALL CONTROL HINGE AND ROD ENDS.

I CERTIFY THAT THE AIRFRAME OR ~~ENGINE~~ IDENTIFIED ABOVE HAS BEEN INSP I/A/W
CURRENT REGULATION FOR ~~100 HR~~ OR ANNUAL INSPECTION AND APPROVED FOR SERVICE

Regis Ruchnik IP, 17772A

Me

BECKER FLYING SERVICE INC
56395 881 RD HARTINGTON NE 68739

3-26-10 N7577V S/N 177RG-0868 3124.1 TACH AND A/C TT.

JACKED A/C LUBE GEAR AND WHEEL BEARINGS INSTALLED NEW GEAR WARNING
SWITCH GEAR RETRACTION SET SWITCH ON WARNING HORN LUBE ALL FLT CONTROLS
ROD ENDS AND HINGES, INSTALLED NEW ELT BATTERY NEXT DUE 5-2012 C/W FAF
FAR 91-207 TEST ELT, C/W AD 2002-26-01 FUEL INJECTION LINES, C/W AD 87-20-03R2
SEAT TRACKS, RESEAL BOTH BRAKE WHEEL CYL, SERVICE BRAKE AND GEAR FLUID,

I CERTIFY THAT THE AIRFRAME OR ~~ENGINE~~ IDENTIFIED ABOVE HAS BEEN INSP I/A/W
CURRENT REGULATION FOR ~~100 HR~~ OR ANNUAL INSPECTION AND APPROVED FOR SERVICE

Roger Ruschke 1812577 FA

SILVERHAWK AVIATION INC.					DATE	12/23/10	
Lincoln Municipal Airport [LNK]					TACH	3173.4	
SO#	10-15636			SERIAL NO.	752187	AGTT	3173.4
REG.	N7577V	MODEL	B2D34C207	PTSOH	395.3	POH	7-22-02
MAKE	McCauley	PTT	UNK				

Maintenance Record

1. Complied with Annual Inspection per C-177RG maintenance manual. Ground run function and leak check proved good. This propeller is returned to service as airworthy.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 A and was determined to be in an airworthy condition.

Dated 12/23/10 W/O 10-15636

Signed _____

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

ENTERED IN
ERROR

LOG BOOK ENDED

12-23-10



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer CESSNA Model 177RG

Serial 177RG0868 Registration Number N7577V

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR:

TOTAL
TIME IN
SERVICE

Current Weight and Balance Information

DATE

Empty Weight

Empty C.G.

Useful Load

Remarks

~~LOG BOOK
STARTED 12-23-10~~

YEAR:	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty C.G.	Useful Load	Remarks
DATE					

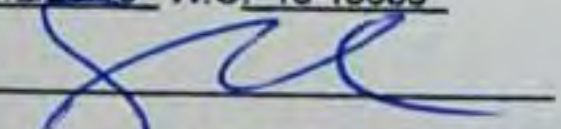
SO#	10-15636	SILVERHAWK AVIATION INC.				DATE	12/23/10
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3173.4
MAKE	Cessna	MODEL	177RG	SERIAL NO.	177RG0868	ACTT	3173.4

Maintenance Record

1. Complied with Annual Inspection per C-177RG maintenance manual. This airframe is not returned to service as airworthy. A list of discrepancies has been given to the aircraft owner.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 A and was determined to be in an **unairworthy condition**.

Dated 12/23/10 W.O. 10-15636

Signed 

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair

YEAR:	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE		
				SILVERHAWK AVIATION INC.	
				Lincoln Municipal Airport [LNK]	
DATE	SO#	11-15774		DATE	02/10/11
	REG.	N7577V		HOUR	3178.8
	MAKE	Cessna	MODEL	177RG	
			SERIAL NO.	177RG0868	

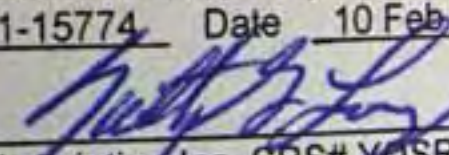
Maintenance Record

1. I certify that the Altimeter, Static and ATC Transponder system tests required by 14 CFR part 91.411 and part 91.413 were performed and found to meet the accuracy requirements of 14 CFR Part 43 appendix E and F. The Altimeter was functionally tested to 20,000 feet.

	P/N	S/N
Altimeter:	5934P-3	399887
Transponder:	011-00490-00	83716248
Encoder:	SSD120-30	S37531

2. Static line has an excessive leak. Traced static leak to loose fittings and a sticking alternate source valve. Tightened fittings in static system and adjusted alternate source valve to bring static leak rate within specifications.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 11-15774 Date 10 Feb 2011

Signed  For,
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

		SILVERHAWK AVIATION INC.			DATE	04/14/11
SO#	11-15814	Lincoln Municipal Airport [LNK]			TACH	3178.8
REG.	N7577V	MODEL	C-177RG	SERIAL NO.	177RG0868	
MAKE	Cessna					

Maintenance Record

1. Removed and replaced #1 and #3 exhaust risers with new P/N 2054002-16 and P/N 2054002-14 in accordance with Cessna 177RG maintenance manual chapters 11-27 and 11-29.
2. Could not verify left muffler is cracked on forward bracket attachment discrepancy. Previously repaired by an unknown source.
3. Could not verify right muffler aft attach bracket / brace is broken discrepancy. Previously repaired by an unknown source.
4. Removed propeller. Removed spinner bulkhead and installed new spinner bulkhead P/N 1750051-1. Reinstalled, torqued, and safetied propeller.
5. Re-safetied left muffler brace bolts at throttle cable bracket as necessary.
6. Replaced exhaust crossover tube heat shield bracket rivets with new P/N AN470AD-6 rivets.
7. Replaced 11 cowl shock mounts with new P/N J7444-14.
8. Replaced left aileron forward and aft rod ends with new P/N S1819-4.
9. Applied chafe protection to stall warning wires on lower skin stringer as necessary.
10. Repositioned fuel vent line in center left wing to provide clearance pass-through edge as necessary.
11. Applied chafe protection to fuel vent line in center left wing at rib pass-through and secured to other fuel lines.
12. Replaced aileron crossover cable pulley in inboard left wing with new P/N MS20220-2.
13. Applied chafe protection to fuel vent lines at inboard rib pass-through in left wing as necessary.
14. Replaced aileron pulley in forward left wing root with new P/N MS20220-2.
15. Applied chafe protection to wires in left wing root aft of aft spar at pass-through as necessary.
16. Replaced left and right wing fuel cap o-rings with new P/N MS29513-338. Checked and adjusted latch mechanisms as necessary.

SO#	11-15814	SILVERHAWK AVIATION INC.			DATE	04/14/11
REG.	N7577V	Lincoln Municipal Airport [LNK]			TACH	3178.8
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868	

17. Removed and replaced right aileron bell-crank with new P/N 1221087-2.
18. Replaced right aileron forward and aft rod ends with new P/N S1819-4.
19. Wrapped wire bundle in center right wing forward of spar with spiral wrap.
20. Stop drilled flap bell crank support stringer crack in right wing.
21. Replaced missing rivet in left upper door plate with new P/N CR3243-4-2.
22. Removed and replaced nose gear forward door hinges with new P/N 2052008-1, P/N 2052008-2, P/N 2052009-1, and P/N 2052009-2. Replaced nose gear forward hinge pins with new P/N MS20392-3C65.
23. Fabricated two patches from 2024T3 aluminum for nose gear forward door cracks. Stop drilled cracks and installed patches using P/N AN470AD-4 rivets and Hysol structural adhesive.
24. Removed and replaced nose gear forward attach turnbuckle ends with new P/N MS21253-3RS and P/N MS21252-3LS. Swung nose gear and verified proper door rigging.
25. Replaced both wing fuel placards with new P/N 1200740-8.
26. Remarked fuel selector placard to be legible.
27. Replaced stabilator trim aft rod end with new P/N S2022-1.
28. No action taken on skin wrinkle above aft baggage door. Replaced upper bulkhead at f.s.188.50 with new P/N 1712101-3. See FAA 8130-3 dated March 22, 2011. Touched up rivets with Matterhorn white paint.
29. Inspected under floor stringer damage and determined no cracking or structural concerns at this time. No further action taken at this time.
30. Inspected stinger wrinkle aft of right main landing gear under connection. No cracking or structural concerns noted at this time. No further action taken at this time.

SO#	11-15814	SILVERHAWK AVIATION INC.				DATE	04/14/11
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3178.8
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868		

31. Removed and replaced battery with new Concorde P/N RG35AXC S/N 40404773 in accordance with Concorde ICA maintenance manual supplement drawing #5-0142 revision J.
32. Could not duplicate right and left main landing gear pivots have play discrepancy.
33. Inspected wings for quick drains and verified that AD 86-19-11 is previously complied with by unknown, time, date, and source. Quick drains are installed on left and right wings.
34. Complied with AD 86-24-07 by inspecting engine control cable rod ends for proper hardware and installation. No discrepancies noted.
35. Complied with AD 87-20-03R2 by inspecting of seat rails and found pilots outboard seat rail out of limits. Installed new pilots outboard seat rail P/N MC2011015-5.
36. Verified AD 97-01-13 is not applicable by log book review and no hoses replaced between March 1995 and February 1997 per CQB96-3.
37. Complied with AD 2000-06-01 by inspecting fuel strainer stand pipe tube for proper length in accordance with SB SEB97-9. No discrepancies noted.
38. AD 2008-26-10 alternate air source is not applicable per SEB 08-5. Logbooks verified no alternate air static source replaced after January 1, 1993.
39. AD 81-15-03 is not applicable by later version of bracket air filter assembly is installed per AD 96-09-06.
40. AD 96-09-06 is previously complied with. Verified proper retainer assembly number is installed. No further action necessary.
41. Installed vertical card compass P/N PAI-700 S/N 75118-14V. Performed compass swing using master compass. Installed compass deviation card on instrument panel.

SO#	11-15814	SILVERHAWK AVIATION INC.			DATE	04/14/11
REG.	N7577V	Lincoln Municipal Airport [LNK]			TACH	3178.8
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868	

42. Replaced landing light bulb with P/N 4509. Rewired landing light and taxi light switches in accordance with Cessna 177RG maintenance manual wiring diagram drawing #2070001. Operations checked good.
43. Resealed right main landing gear down lock actuator with new o-rings P/N MS 28778-4, P/N MS28775-110, P/N MS28775-113, P/N MS28775-010, and back-up rings P/N S1628-010 and P/N S1628-110. Reinstalled actuator and cycled gear system. Operations check good.
44. Pressure lubed throttle, mixture, and propeller control cables as necessary.
45. Removed nose landing gear assembly. Removed engine from engine mount. Removed engine mount from airframe. Sent engine mount out for repair. Installed repaired engine mount P/N 2051000-1 S-N 139087. Repairs completed by Aerospace Welding Minneapolis, Inc. under W.O. #139087. Installed engine on engine mount. Rerouted all wire bundles and controls and eliminated all known chafing. Installed nose gear assembly on engine mount and rigged in accordance with Cessna 177RG maintenance manual chapter 5-88. Operations checked landing gear retraction and extension and found no discrepancies. Test ran engine to verify operation of controls, accessories, indicating systems, and performance. Operations checked good. All engine mount installation and engine installation done in accordance with Cessna 177RG maintenance manual chapters 11-10 and 11-8.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 11-15814 Date 04/14/11

Signed:  for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

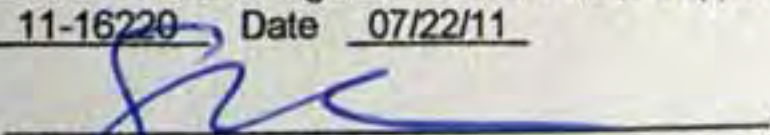
YEAR: _____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

SO#	11-16220	SILVERHAWK AVIATION INC.				DATE	07/22/11
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3197.7
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868		

Maintenance Record

1. Adjusted nose gear uplock roller link rod to allow full retraction of nose gear. Safetied link rod clevis pins. Cycled landing gear thru five fault-free cycles. No discrepancies noted.
2. Set throttle warning switch to 10" mercury as marked from flight.
3. Removed existing sun visors. Installed new customer-provided Plane Plastics sun visors P/N 70277 in accordance with STC number SA00812CH and installation drawing number 70000-177. See applicable FAA 337 form attached.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 11-16220 Date 07/22/11

Signed:  _____, for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

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

SO#	11-16248	SILVERHAWK AVIATION INC.			DATE	07/25/11
REG.	N7577V	Lincoln Municipal Airport [LNK]			TACH	3197.7
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868	

Maintenance Record

1. Performed propeller dynamic balance using ACES Systems Model 2020 Prop-balancer Analyzer in accordance with ACES Systems document 202-OM-01, Rev. 4 dated July 2007. 47.8 grams added at 235 degree position at existing starter ring gear flange bolt. Propeller balanced at 0.04 IPS. Propeller hub placarded with ACES as dynamically balanced.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 11-16248 Date 07/25/11

Signed: _____, for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

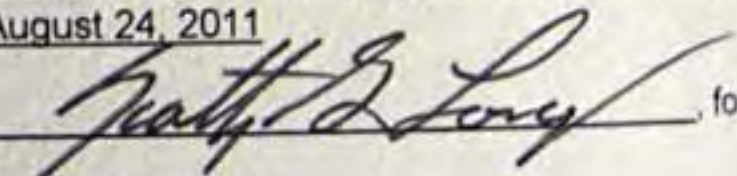
SILVERHAWK AVIATION INC.				DATE	08/24/11	
SO#	11-16340	Lincoln Municipal Airport [LNK]			TACH	3203.6
REG.	N7577V	MODEL	C-177RG	SERIAL NO.	177RG0868	
MAKE	Cessna					

Maintenance Record

1. Installed new Monarch Air & Development, Inc. fuel cap and inlet kit P/N. WW-100-3 in accordance with Monarch Air & Development, Inc. Fuel Cap and Inlet Installation Drawing No. CFC100-WW Rev (B) dated November 07, 1992 Installation Instructions per Supplemental Type Certificate No. SA2458CE date of issuance April 26, 1989. See FAA form 337 dated August 24, 2011 for details.
2. Weight and Balance: There is no change to the weight and balance as the difference is negligible.
3. Flight Manual Supplement: There is no Flight Manual Supplement for this installation.
4. Instructions for Continued Airworthiness: There are no special inspection requirements with this installation, none supplied.
5. Installed two each new fuel quantity placards Cessna P/N. 1200740-8.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 11-16340 Date August 24, 2011

Signed: Scotty G. Long



for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524



Airframe

Logbook

Reg No. N7577V

S/N 177RG0868

Lincoln Municipal Airport
1751 West Kearney Ave.
Lincoln, NE 68524
Lincoln: 402-475-8600
Omaha: 402-422-1122
Toll Free: 800-479-5851
Fax: 402-475-1422

LOG STARTED 12-27-11

PAGE NO. _____

SO#	11-16627	SILVERHAWK AVIATION INC.				DATE	12/27/11
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3219.0
MAKE	Cessna	MODEL	177RG	SERIAL NO.	177RG0868	ACTT	3219.0

Maintenance Record

1. Complied with Annual inspection in accordance with Cessna 177RG SM sec 2 checklist and 14CFR91.409 par A.
2. Complied with A.D.2011-10-09 AMEND. 39-16690 dated June 17, 2011 by inspecting seat rails, seat stops, stop pins, and flanges for wear. No discrepancies noted at this time in accordance with compliance instructions of A.D. This inspection next due in 100HRS (3319.0 HRS tachometer) time or in 12 months, whichever comes first.
3. Removed leaking fuel sump drain at right wing root and replaced with new S2020-2, work done in accordance with Cessna 177RG SM sec 12-12.
4. Repositioned hard line in right LE and applied spy wrap to hard line and ty-wrapped to prevent further chafing.
5. Stop drilled crack on right stabilator tip top prevent/relieve further cracking.
6. Applied cat track grommet to edge that was chafing stab trim tab torque tube to prevent further chafing.
7. Tightened hardware for the stab mount to take out play and re-secured with cotter key.
8. Replaced ELT battery that was corroded with new Merl, Inc. battery pack BP-1015. Need to be replaced by march 14: Function tested and found to be working properly.
9. Tightened Adel clamps and moved Adel clamps that were rubbing on main gear actuator.
10. Installed missing lock rings on upper and lower cowl fasteners (7 total) S1115-9. Work done in accordance with Cessna 177RG SM sec 17-6.
11. Replaced loose rivets in lower cowl near cowl flaps with AN426AD3-3, AN470AD3-3, AN470AD5-5 and CR4313-4-2 rivets. Work done in accordance with Cessna 177RG SM sec 17 and AC43.13-1B chap 4.
12. Applied RTV over screw in baffle seal chafing upper cowl to prevent further chafing. Work done in accordance with Cessna 177RG SM sec 17.
13. Tied up wire bundle aft of fuel strainer, work done in accordance with Cessna 177RG SM sec 11-8.
14. Applied RTV between right cowl flap cable and oil suction screen. Work done in accordance with Cessna 177RG SM sec 11-8.
15. Adjusted flap follow up cable to correct full flaps not indicating 30 degrees. Work done in accordance with Cessna 177RG SM sec 7-6.
16. Reattached rubber strip by circuit breakers, work done in accordance with Cessna 177RG SM sec 3.
17. Applied RTV around fuel reservoir drain cables through structure to prevent chafing, work done in accordance with Cessna 177RG SM sec 12.
18. Repaired torn vent tube in left wing root, work done in accordance with Cessna 177RG SM sec 3.

Page 1 of 2

SO#	11-16627	SILVERHAWK AVIATION INC.				DATE	12/27/11
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3219.0
MAKE	Cessna	MODEL	177RG	SERIAL NO.	177RG0868	ACTT	3219.0

19. Removed worn nose gear side door linkage and replaced with new MS20392-2C11 clevis pins(4), AN42B-10 eyebolts(2), AN42B-13 eyebolts (2), MS21252-3LL fork(2), MS21252-3RS fork (2), in accordance with Cessna 177RG SM sec 5.
20. Removed worn shimmy damper rod, clevis, pin, and spindle bolt and replaced with new 2043014-9 rod, MS20392-3C17 pin, 2043024-1 bolt and serviced shimmy damper in accordance with Cessna 177RG SM sec 17-6.
21. Stop drilled crack and sealed RTV736 sealant. Work done in accordance with Cessna 177RG SM sec 17-6.
22. Stop drilled crack in baffle by fuel servo, work done in accordance with Cessna 177RG SM sec 17-6.
23. Stop drilled crack and sealed using RTV736 sealant, work done in accordance with Cessna 177RG SM sec 17-6.
24. Stop drilled crack and sealed using RTV736 sealant, work done in accordance with Cessna 177RG SM sec 17-6.
25. Removed and replaced induction air filter with new BA5705, work done in accordance with Cessna 177RG SM sec 2. Next due 12/2012 or 3319.0 tachometer
26. Removed and replaced instrument air filter with new B3-5-1, work done in accordance with Cessna 177RG SM sec 2.
27. Removed ship battery, capacity tested at 99%, and reinstalled ship battery.
28. Removed worn plunger in fuel strainer bowl and replaced with new 0756010-11 in accordance with Cessna 177RG SM sec 12. Leak check ok.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 A and was determined to be in an airworthy condition.

Dated 12/27/11, W.O. 11-16627

Signed _____

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

Page 2 of 2

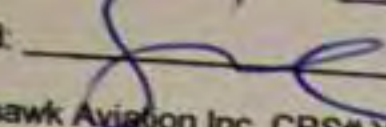
TOTALS - CARRY FORWARD TO NEXT PAGE

SO#	12-16784	SILVERHAWK AVIATION INC.				DATE	02/14/12
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3223.4
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868		

Maintenance Record

- Removed electric auxiliary fuel pump switch P/N S2160-1 and installed a new switch P/N TA201TW-B. Operational check shows normal fuel pump operation 32 PSI. Reference Cessna 177RG maintenance manual section 15.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 12-16784 Date 02/14/12

Signed:  for
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

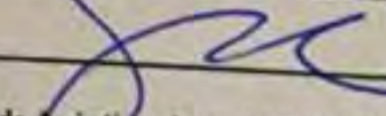
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SO#	12-16759	SILVERHAWK AVIATION INC.				DATE	02/12/12
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3220.3
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868		

Maintenance Record

- Traced Comm 2 has static and is unusable discrepancy to faulty MX300 COM/NAV unit. Removed TKM MX300 P/N MX300 S/N 6015. Weight 6.0 arm 66.8, revised weight and balance sheet.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 12-16759 Date 02/12/12

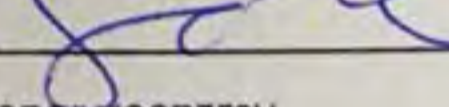
Signed:  for
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	12-16759	SILVERHAWK AVIATION INC.				DATE	02/20/12
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3226.0
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868		

Maintenance Record

- Installed repaired TKM P/N MX300 COM/NAV radio. Unit repaired referencing form 8130 under WO 8729 dated 13FEB2012 by TKM. Installed repaired radio referencing TKM instruction manual MX300 Sec II pg 7. TKM MX300 checks good ground power. Removed temporary weight and balance revision 02202012.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 12-16759 Date 02/20/12

Signed: Scotty G. Long  for
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

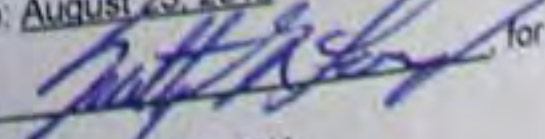
SO#	12-17340	SILVERHAWK AVIATION INC.				DATE	August 23, 2012
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3255.4
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868		

Maintenance Record

AIRFRAME

- Removed original engine oil cooler P/N. 8406J, S/N. unknown. Installed "Overhauled" oil cooler P/N. 10599A, S/N. 1303 see FAA form 8130-3 from TURNAIR LLC form tracking number Z4UR1087 dated June 15, 2012. No change in Weight and Balance, weight change is negligible. Reference Field Approved FAA form 337 dated August 23, 2012 for details.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 12-17340 Date: August 23, 2012

Signed: Scotty G. Long  for
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	12-17339	SILVERHAWK AVIATION INC.				DATE	August 23, 2012
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3255.4
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868		

**Maintenance Record
AIRFRAME**

1. Complied with Cessna Service Bulletin SEB-27-01-R02 dated April 20, 2012 Installation of control column internal glide attach screw instructions by removing incorrect unsafetied attach screw and installing and safetying one each P/N. MS35265-48 screw on copilot control column. Operations check good.
2. Removed broken right aft support P/N. 2054030-2 from engine exhaust muffler and installed new support P/N. 2054030-2. Reference Cessna 177RG Maintenance Manual Section 11.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 12-17339 Date: August 23, 2012

Signed: Scotty G. Long  for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

FOR
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ME

SO#	12-17712	SILVERHAWK AVIATION INC.				DATE	01/17/13
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3262.7
MAKE	Cessna	MODEL	177RG	SERIAL NO.	177RG0868	ACTT	3262.7

Maintenance Record

1. Complied with Annual Inspection per Cessna 177RG service manual section 2.
2. Complied with 12 month battery capacity check per Concorde ICA Maintenance Manual Supplement Section 8, C, ii and found battery to fail at 80% C1 after second test.
3. Complied with visual inspection of pilot and co-pilot seat rails in accordance with A.D. 2011-10-09 (Amendment 39-16690) dated June 17, 2011 and found no discrepancies at this time. Next due Dec. 2013 or at 3362.7 hours TIS.
4. Removed Brackett induction air filter P/N BA-5705 and replaced with new air filter P/N BA-5705 per Brackett installation instructions I-194 dated 3-16-94.
5. Removed and replaced vacuum regulator filter P/N B3-5-1 per Parker Installation Instructions SI300-17 dated Jan. 2007. Next due at 3362.7 hours TIS.
6. ELT removed for repair and pilot elects to take aircraft as is. Reference CFR Title 14 FAR 91.207 paragraph (f)(10)(ii)(i) placarded panel "ELT NOT INSTALLED". New ELT on order for field approval.
7. Pilot elects to take aircraft as is. No action taken regarding sealing aft bulkhead.
8. Verified that left NACA cooling duct is routed correctly.
9. Removed cracked tire P/N: 505C66-1 S/N: 40252123. Installed new nose tire P/N: 072-312-0 S/N: 2135500193. Serviced to 33 psi referencing Cessna 177RG service manual section 5A.
10. Removed right tank drain and replaced with new P/N: S2020-2 referencing Cessna 177RG service manual section 12.
11. Removed central air filter P/N RAD-9-14-5 and replaced with new P/N AAD9-14-5 referencing Tempest replacement instructions.
12. Removed and replaced torn heater cross-over ducting P/N SCAT 12. Referencing Cessna 177RG Service Manual section 11.
13. Removed and replaced glare-shield lamps with new P/N GE53 referencing Cessna 177RG service manual section 16.
14. Tied up GPS coax to relieve chafing aileron cable aft of firewall.
15. Troubleshoot wiring and found ground wire cut to fuel selector light. Reconnected ground wire to a ground location. Fuel selector light ops check good. Referencing Cessna 177RG service manual section 16.
16. Stop drilled cracks in forward baffling.
17. Removed right heater muff and sent it out for repair. Repair of heater shroud done by Aerospace Welding Certificate UWDR792L on Jan. 14, 2003 work W.O. 150534, Form Tracking No. 150534. Reinstalled overhauled shroud P/N 2054017-1. Referencing Cessna 177RG service manual section 11.

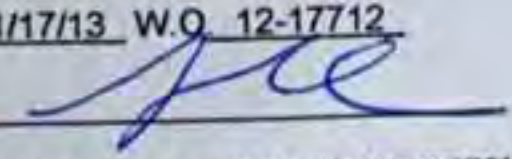
Page 1 of 2

SO#	12-17712	SILVERHAWK AVIATION INC.				DATE	01/17/13
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3262.7
MAKE	Cessna	MODEL	177RG	SERIAL NO.	177RG0868	ACTT	3262.7

18. Removed right exhaust and sent it out for repair. Muffler repaired by Aerospace Welding Certificate UWDR792L on Jan. 14, 2003 work W.O. 150533, Form Tracking No. 150533. Reinstalled overhauled muffler P/N 2054000-38. Referencing Cessna 177RG service manual section 11.
19. Stop drilled crack on lower right skin around firewall with #40 drill bit.
20. Removed wasp nest from left wing aft of spar.
21. Removed battery P/N: RG-35AXC S/N: 40404773 for capacity check. Replaced with new P/N: RG-35AXC S/N: 40533635. Referencing Cessna 177RG service manual section 16.
22. Installed chafe tape under right wing root fairing to eliminate fretting.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 A and was determined to be in an airworthy condition.

Dated 01/17/13 W.O. 12-17712

Signed 

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

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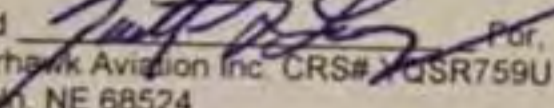
SO#	13-17904	SILVERHAWK AVIATION INC.			DATE	03/08/13
REG.	N7577V	Lincoln Municipal Airport [LNK]			HOUR	3262.7
MAKE	Cessna	MODEL	177RG			
		SERIAL NO.	177RG0868			

Maintenance Record

1. I certify that the Altimeter, Static and ATC Transponder system tests required by 14 CFR part 91.411 and part 91.413 were performed and found to meet the accuracy requirements of 14 CFR Part 43 appendix E and F. The Altimeter was functionally tested to 20,000 feet.

Altimeter:	P/N	S/N
Transponder:	5934P-3	399887
Encoder:	011-00490-00	83716248
	SSD120-30	S37531

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 13-17904 Date 8Mar2013

Signed:  for
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

OR
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SO#	13-17851	SILVERHAWK AVIATION INC.			DATE	March 7, 2013
REG.	N7577V	Lincoln Municipal Airport [LNK]			TACH	3262.7
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868	

**Maintenance Record
AIRFRAME/AVIONICS**

DURACEL DLIX 3NB 54R CHANGE

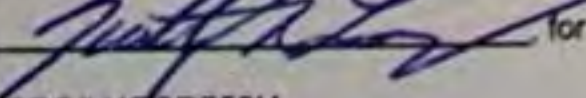
- Removed the existing Leigh Systems, Inc. Sharc 7 (Cessna) Emergency Locator Transmitter and installed a new Ameri-King AK-451-2D, 121.5 MHz/406MHz Emergency Locator Transmitter with new antenna, crew remote activation switch and buzzer/sonalert.
- Removed original installation Leigh Systems, Inc. Sharc (Cessna) ELT P/N. C589510-0209, S/N. unknown, coax and antenna. The original ELT mount location, mounted directly to the aircraft skin was not reused due to lack of structural strength; stated as unacceptable reference page 26 paragraph 2.2.1.1 Ameri-King Installation and Operation Manual for the Model AK-451-() Series 406 MHz ELT Document Number IM-451 Rev NC-4.1e dated November 30, 2008.
- Installed one (1) each new Ameri-King ELT P/N. AK-451-2D, S/N. 20284 and rack assembly with the included hardware at FS: 202.50 on the aft avionics equipment shelf. Installed one (1) each new ELT whip antenna P/N. 451017-1B, S/N. none installed with the included hardware at FS:196.00 (original location), with new prefabricated coax provided by the manufacturer. Installed the crew remote ELT activation switch P/N. 450004, S/N. none with remote audio buzzer monitor P/N. 451018, S/N. none with the included hardware and placards on the copilots side instrument panel FS:75.50. Reference Ameri-King Installation and Operation Manual for the Model AK-451-() Series 406 MHz ELT Document Number IM-451 Rev NC-4.1e dated November 30, 2008. The manufacturer provided ELT to crew remote switch cable/harness was routed along an existing wire bundle.
- Updated the aircraft equipment list and weight and balance to reflect the newly installed equipment.
- Electrical load analysis is not required, this ELT is not interfaced to the aircraft buss for power. (Self Contained Stand Alone Operation).

SO#	13-17851	SILVERHAWK AVIATION INC.			DATE	March 7, 2013
REG.	N7577V	Lincoln Municipal Airport [LNK]			TACH	3262.7
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868	

- Flight Manual Supplement: There is no Flight Manual Supplement for this installation.
- Instructions for Continued Airworthiness: Provided a copy of the Instructions for Continued Airworthiness Ameri-King Operation and Instructions for Continued Airworthiness (ICA) Manual for the Model AK-451-() Series 406 MHz ELT Document Number ICA-451 Rev NC-1 dated October 24, 2008 or latest revision for details.

Reference Field Approved FAA form 337 dated March 07, 2013 for details.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 13-17851 Date March 7, 2013

Signed: Scotty G. Long  for
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#					March 13, 2013	
REG.	N7577V	SILVERHAWK AVIATION INC. Lincoln Municipal Airport [LNK]			TACH	3262.7
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868	

Maintenance Record

- Removed interior non-structural trim plastics. Trimmed and installed new interior non-structural plastics P/N K1715053-1, K1715043-8, K 1715043-7, K1706044-7, K2015003-1, K2015002-1, K1715041-2, K1715058-5, K1715058-6, K2015014-7, and new placards P/N 1705037-3, 1205037-3, 1205085-9, and 1705033-2. Work done referencing Vantage Plane Plastics installation guide and the Cessna Model 177RG Series Service Manual Section 3.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 13-17853 Date: March 13, 2013

Signed: Scotty G. Long  for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

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SO#	13-18118	SILVERHAWK AVIATION INC.			DATE	May 21, 2013
REG.	N7577V	Lincoln Municipal Airport [LNK]			TACH	3267.3
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868	

Maintenance Record
Airframe/Avionics

- Performed Nav database update reference Garmin GNS400 Pilots Guide P/N. 190-00140-00. Cycle 1306 Exp: 27 Jun 2013.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 13-18118 Date: May 21, 2013

Signed: Scotty G. Long  for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	13-18251	SILVERHAWK AVIATION INC.			DATE	07/01/13
REG.	N7577V	Lincoln Municipal Airport [LNK]			TACH	3287.4
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868	

Maintenance Record

- Troubleshoot high voltage light on to failed alternator. Removed alternator P/N DOFF10300J S/N F081899 and installed overhauled alternator P/N DOFF10300J S/N H-N060026. See Hartzell Technologies FAA Form 8130-3 dated 6-4-2013. High voltage light became intermittent. Replaced voltage regulator P/N DGR6 S/N 80123737 with new voltage regulator P/N DGR6 S/N 80K10520 ref C-177RG service manual section 1-6-12C. Ops check good.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 13-18251 Date: 07/01/13

Signed: Scotty G. Long  for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	13-18373	SILVERHAWK AVIATION INC.			DATE	August 16, 2013
REG.	N7577V	Lincoln Municipal Airport [LNK]			TACH	3288.7
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868	

Maintenance Record
Airframe

- Installed new tail beacon light switch P/N. TA201-TW-B, operation check good. Reference the Cessna Model 177RG Service Manual Section 16.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 13-18373 Date: August 16, 2013

Signed: Scotty G. Long  for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	13-18429	SILVERHAWK AVIATION INC.				DATE	08/27/13
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3291.8
MAKE	Cessna	MODEL	C-177RG	SERIAL NO.	177RG0868		

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Maintenance Record

1. Replaced over-voltage sensor P/N C593001-0101 S/N unknown with new P/N C593001-0101 S/N 80J38912 ref C-177RG SM sec 16. Run up check good.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 13-18429 Date 08/27/13

Signed: _____ for
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	14-18818	SILVERHAWK AVIATION INC.				DATE	February 03, 2014
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3302.8
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868	ACTT	3302.8

Maintenance Record Airframe

1. Complied with Annual Inspection reference the Cessna 177RG Series Service Manual Section 2.
2. Complied with ELT 12 Month/Annual Inspection Check ELT P/N. AK-451, S/N. 20284 passed with no discrepancies noted reference FAA Accepted ICA dated March 06, 2013 and Title 14 CFR Part 91.207 Paragraph (d) Items 1-4. ELT battery date: December/2017.
3. Complied with main aircraft battery capacity check Concorde battery P/N. RG35AXC, S/N. 40533635 passed at 93% with no defects noted. Reference the Concorde Battery Component Maintenance Manual Document Number 5-0171.
4. Installed new airframe mounted engine induction air filter P/N. BA5707 reference Brackett Air Filter Document I-2.
5. Installed new vacuum regulator filter P/N. B3-5-1 reference Airborne Air Fuel Products Installation Instructions SI300-10 Revision C.
6. Installed new left wing fuel sump drain P/N. S2020-2. No leaks noted. Reference the Cessna 177RG Service Manual Section 12.
7. Performed minor repair replaced loose/smoking rivet on inboard bottom side of left wing with new rivet same part number as removed; P/N. AD20470AD4-4 reference AC43.13-1B Chapter 4. Section 4.
8. Installed locally fabricated replacement hydraulic brake/gear line from like material with double flares as original (Part unavailable from Cessna at this time) in the mid fuselage near the fuel boost pump under the copilot seat. No leaks noted at this time. Reference AC43.13-1B Chapter 9, Section 2 Hydraulic Fluid lines and fittings and the Cessna 177RG Series Service Manual Section 5.
9. Installed new ELT antenna BNC coaxial connector P/N. CBS722 reference AmeriKing AK451 ELT Install Manual Number IM-451 Revision NC-4.1e dated Nov 30 2008.

Page 1 of 2

10. Adjusted throttle/gear warning horn reference the Cessna 177RG Series Service Manual Section 5.
11. Installed three new Cam-Loc retainer/clips P/N. S1115-9 on upper and lower cowls reference the Cessna 177RG Series Service Manual Section 11.
12. Serviced nose gear strut reference the Cessna 177RG Series Service Manual Section 5.
13. Installed new plastic overhead cabin headliner cosmetic cover Cessna P/N. K1706044-7 reference the Cessna 177RG Series Service Manual Section 3.
14. Installed new #3 cylinder head temperature sensor P/N. P102-18MM. Operational check good. Reference Electronics International Installation instructions.
15. Complied with A.D. 2011-10-09 Amendment 39-16690 effective date June 17, 2011, seats/seat rails inspection. No discrepancies noted. Next inspection due in 100 hours, 3402.8 hours tach time or 12 calendar months whichever occurs first.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an airworthy condition.

Dated February 03, 2014 W.O. 14-18818

Signed _____

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

Page 2 of 2

SUB-TOTALS THIS PAGE
TOTALS - CARRY FORWARD TO NEXT PAGE

SILVERHAWK AVIATION INC.				DATE	March 25, 2015	
SO#	15-20157	Lincoln Municipal Airport [LNK]		TACH	3356.0	
REG.	N7577V	MODEL	177RG	SERIAL NO.	177RG0868	
MAKE	CESSNA				ACTT	3356.0

- Maintenance Record Airframe**
1. Complied with Annual Inspection reference the Cessna 177RG Series Service Manual Section 2.
 2. Complied with ELT 12 Month/Annual Inspection Check ELT P/N. AK-451, S/N. 20284, Hex ID AE26499CO5C72FI with no discrepancies noted reference FAA Accepted ICA dated March 06, 2013 and Title 14 CFR Part 91.207 Paragraph (d) Items 1-4. ELT battery date: December/2017.
 3. Complied with main aircraft battery capacity check Concorde battery P/N. RG35AXC, S/N. 40533635 passed at 97% with no defects noted. Reference the Concorde Battery Component Maintenance Manual Document Number 5-0171.
 4. Installed new vacuum regulator filter P/N. B3-5-1 reference the Cessna 177RG Service Manual Section 15.
 5. Re-secured parking brake cable reference Cessna 177RG Service Manual Section 5.
 6. Performed minor repair. Drilled out rivets on right #1 flap bell crank, fabricated L-bracket from aluminum, like material and original thickness. Installed bracket to right #1 flap bell crank lower support rib using Hysol P/N. U000701 and new screws, washers and lock nuts. Operational checked with no discrepancies noted. Reference the Cessna 177RG Service Manual Section 7, and Section 17.
 7. Removed #1 and #3 exhaust pipes, sent #1 exhaust off for repair. Installed #3 exhaust using new seal P/N. 77611. Installed "Overhauled" #1 exhaust P/N. 2054002-14, S/N. 163073 see FAA form 8130-3 form tracking number 163073 Aerospace Welding Minneapolis Inc. dated March 11, 2015 for details. Reference the Cessna 177RG Service Manual Section 11.
 8. Installed new AN4-3A bolt and hardware onto right muffler aft support reference the Cessna 177RG Service Manual Section 11.
 9. Installed new engine induction intake filter P/N. BA-5705 reference the Cessna 117RG Service Manual Section 11.
 10. Installed new Adel clamp hardware on left cabin heat cable to engine mount P/N. MS21919WDG3 and P/N. MS21919WDG14 x1 reference the Cessna 177RG Service Manual Section 11.
 11. Installed new grommet P/N. MS35489-34, pin P/N. MS20392-2C17 and washer P/N. S1450-3-12-032 at the nose gear forward spade door to nose gear attach point reference the Cessna 177RG Service Manual Section 5.
 12. Installed new ring terminal at taxi light and secured wiring reference Cessna 177RG Service Manual Section 16.
 13. Tightened left stabilator attach bolt reference the Cessna 177RG Service Manual Section 8.
 14. Installed one (1) each new grease zerk P/N. AS15001-3-P on right main landing gear reference the Cessna 177RG Service Manual Section 5.

Page 1 of 2

15. Set/adjusted flap cable tensions reference the Cessna 177RG Service Manual Section 7.
16. Complied with A.D. 2011-10-09 Amendment 39-16690 effective date June 17, 2011; seats/seat rails inspection. No discrepancies noted. Next inspection due in 100 hours, 3456.0 hours tach time or 12 calendar months whichever occurs first.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per Title 14 CFR Part 91.409 (a) (1) and was determined to be in an airworthy condition.

Dated: March 25, 2015 W.O. 15-20157

Signed:  for

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

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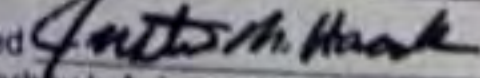
SILVERHAWK AVIATION INC.				DATE	03/05/15
SO#	15-20175	Lincoln Municipal Airport [LNK]		HOUR	3356.1
REG.	N7577V	MODEL	177RG		
MAKE	Cessna	SERIAL NO.	177RG0868		

Maintenance Record

1. I certify that the Altimeter, Static and ATC Transponder system tests required by 14 CFR part 91.411 and part 91.413 were performed and found to meet the accuracy requirements of 14 CFR Part 43 appendix E and F. The Altimeter was functionally tested to 20,000 feet.

Altimeter:	P/N	S/N
Transponder:	5934P-3	399887
Encoder:	011-00490-00	83716248
	SSD120-30	S37531

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 15-20175 Date Mar 5 2015

Signed:  For,
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	14-19676	SILVERHAWK AVIATION INC.				DATE	November 6, 2014
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3338.0
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868		

DATE

Maintenance Record Airframe

1. Pilot reports landing light circuit breaker trips/opens. Traced landing light circuit breaker trips/opens to chaffed landing light wire under engine cowl. Repaired chaffed wires, operational check good reference the Cessna 177RG Service Manual Section 16.
2. Performed roll centering adjustment to STEC system 50 control head reference the STEC Flight line Maintenance Manual for system 50 rate based autopilots.
3. Leveled turn coordinator and performed roll centering adjustment to STEC system 50 control head referencing the STEC Flight Line Maintenance Manual.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 14-19676 Date: November 6, 2014

Signed: *Justin M. Haack* for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

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SUB-TOTALS THIS PAGE

TOTALS - CARRY FORWARD TO NEXT PAGE

DATE

SO#	14-19676	SILVERHAWK AVIATION INC.				DATE	November 6, 2014
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3338.0
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868		

Maintenance Record Airframe

1. Pilot reports landing light circuit breaker trips/opens. Traced landing light circuit breaker trips/opens to chaffed landing light wire under engine cowl. Repaired chaffed wires, operational check good reference the Cessna 177RG Service Manual Section 16.
2. Performed roll centering adjustment to STEC system 50 control head reference the STEC Flight line Maintenance Manual for system 50 rate based autopilots.
3. Leveled turn coordinator and performed roll centering adjustment to STEC system 50 control head referencing the STEC Flight Line Maintenance Manual.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 14-19676 Date: November 6, 2014

Signed: *Justin M. Haack*, for
 Silverhawk Aviation Inc. CRS# YQSR759U
 Lincoln, NE 68524

SO#	15-21132	SILVERHAWK AVIATION INC.				DATE	01/05/16
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3370.0
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868		

Maintenance Record Airframe

1. Complied with visual inspection of left and right wing lower main spar cap per Cessna SEL-57-03 dated 19 Nov 2015 and found no discrepancies at this time. Inspection next due Jan 2016 or at 3470.0 hours TIS.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 15-21132 Date: January 5, 2016

Signed: *[Signature]*, for
 Silverhawk Aviation Inc. CRS# YQSR759U
 Lincoln, NE 68524

SO#	16-21472	SILVERHAWK AVIATION INC.				DATE	03/03/16
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3372.4
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868		

Maintenance Record Airframe

1. Removed damaged battery P/N RG35-AXC S/N 40533635 and replaced with new P/N RG35-AXC S/N 40791721. Work done referencing Cessna 177RG Maintenance Manual Section 16.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 16-21472 Date: March 3, 2016

Signed: Justin M. Haack *Justin M. Haack*, for
 Silverhawk Aviation Inc. CRS# YQSR759U
 Lincoln, NE 68524

SO#	16-21472	SILVERHAWK AVIATION INC.				DATE	March 4, 2016
REG.	N7577V	Lincoln Municipal Airport [LNK]				TACH	3372.4
MAKE	CESSNA	MODEL	177RG	SERIAL NO.	177RG0868		

Maintenance Record Airframe

1. Installed new main aircraft battery negative ground strap P/N. 041-2007-1 reference the Cessna 177RG Service Manual Section 16.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 16-21472 Date: March 4, 2016

Signed: *[Signature]*, for
 Silverhawk Aviation Inc. CRS# YQSR759U
 Lincoln, NE 68524

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Aviation Plus LLC

262-656-1260

Aviationplusllc.com

03/30/2016 N7577V Tach 3376 TTAF 3376

Replaced air filter element. Replaced fuel hoses in engine compartment. Replaced flexible baffle seal. Shimmed lower engine mounts. Replaced top cowl aft Southco fasteners. Removed damaged condenser from alternator. Repositioned air/oil separator. Installed Maple Leaf exhaust fairing to lower cowl, 337 filed. Replaced downlock arm bumper strip. Replaced nose cam thru-bolts. Rigged nose gear. Replaced throttle warning switch & smoothed cam. Replaced o-rings in main gear actuator. Replaced main gear hydraulic hoses. Replaced o-rings in left brake swivel. Replaced o-rings in left gear leg upper brake connection. Replaced o-rings in right hydraulic downlock. Flipped main tires for wear. Replaced left wheel inner hub w/serviceable hub. Replaced right brake pads. Repaired dual warning horn box by replacing output capacitor. Replaced cabin speaker. Replaced cabin door seals & door pins. Replaced left forward stabilator weight arm bracket w/steel bracket. Replaced missing flap buttons. Replaced belly vent scoop. Repaired dome light wirings & replaced bulb. Replaced right courtesy light lens. Tightened control yoke to shaft screws. ELT checked per FAR91.207(d). C/W AD11-10-09, seats & rails, visual & dimensional check, due 100 hrs/annually. C/W AD15-19-07, injector lines & supports, visual inspection, due 100 hrs. All routine items checked per inspections sheets. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Robert Russell
Robert Russell 3411885IA

TACH OF RECORDING METER TIME

Avionics Services International. 4317 Maher St. Laredo Texas 78041 (956)7258898 CRS S78R151N

Date: Apr 7, 2016 Aircraft /Model/S/N N7577V/177RG/0868

GARMIN GNS530W P/N 011-00550-10 S/N 78410300 WAS UPGRADE TO MAIN SW 5.20 IAW GARMIN SERVICE BULLETIN NO. 1461 REV. -A NOV. 24 2014.
GARMIN GNS530W P/N 011-00550-10 S/N 78410300 WAS UPGRADE TO SW WAAS VERSION 5.00 AND GPS SOFTWARE 5.0 IAW SERVICE BULLETIN NO. 1225 REV B MAY 10 2013.
A/C TOTAL TIME 3386.9

THE AIRCRAFT & APPLINCE IDENTIFIED WAS REPAIR AND/OR INSPECTED IN ACCORDANCE WITH CURRENT PART 43 OF THE FEDERAL AVIATION REGULATION AND IS APPROVED FOR RETURN TO SERVICE.

Workorder No.: 5710 Date: Apr 7, 2016 Signature *[Signature]*

ASI- 4 Rev. E



222 Airport Drive, Lockhart, TX 78644
512-398-3439


Tach 3450.8 N7577V Date 08/23/2016
Removed wiring from bus bar and cleaned connections and reinstalled wiring. Disconnected nose gear steering and checked rudder and rudder trim rigging. Found OK. Rigged nose gear steering IAW Cessna Service manual. Adjusted nose gear bungee in (shorter) 2.5 turns. Installed bungee and tightened jam nut and installed cotter pin. Jacked aircraft and swing gear. Found OK. Taxied aircraft. Found OK.

[Signature]
A&P 3279628

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DATE	DESCRIPTION OF WORK PERFORMED – SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME
TOTALS BROUGHT FORWARD FROM PREVIOUS PAGE				



222 Airport Drive, Lockhart, TX 78644
512-398-3439

Tach 3456.2 N7577V Date 09/15/2016

Removed cowling and jacked aircraft. Found safety switch wiring chaffed on landing gear. Repaired wiring and secured with new service loop. Swing gear 3 times. Gear operational check OK. Re-racked GPS. Cut open wiring harness under panel. Cleaned connections at external power relay for avionics master. Tightened connections at GPS breaker. Checked connections on buss bar. Swing gear, GPS operation in normal at this time.

A&P 3279628



**BISON
AVIATION**

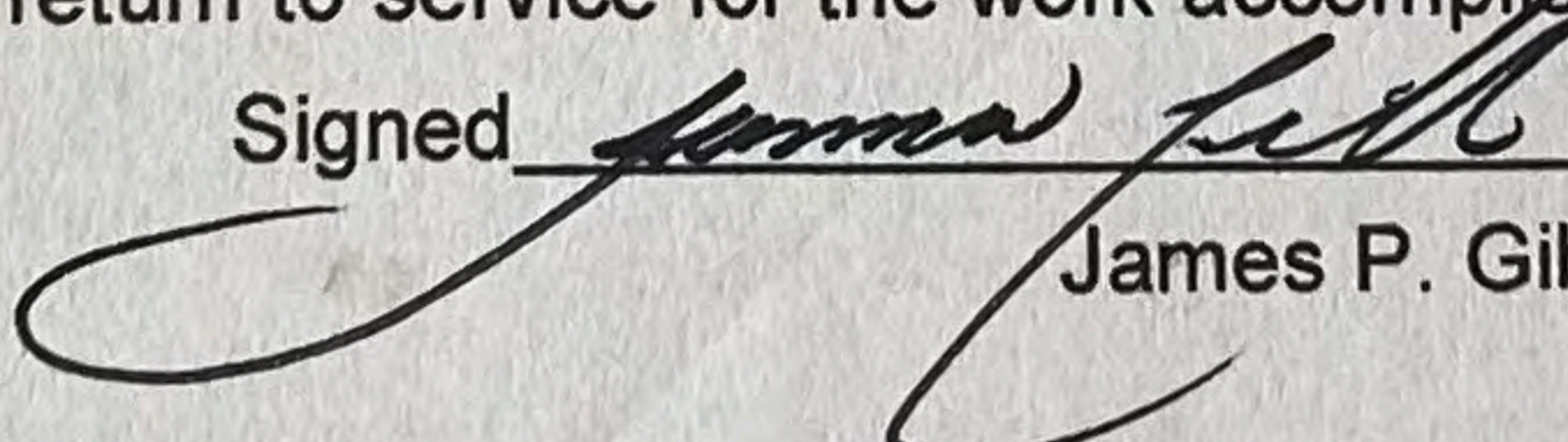
*Toll Free: 888-SOS-BISON
Local: 210-876-JETS*

12/19/2016 N7577V Cardinal Airframe Logbook

Tach: 3494.0

Complied with existing AD visual inspection and log book reseach. AD 2011-10-09 is complied with and is well within tolarence. AD 97-01-13 is NA due to no replacement of specified parts installed by factoy or field approval. AD 2011-10-09 is due again at tach 3594.0 or 12 months from this inspection.

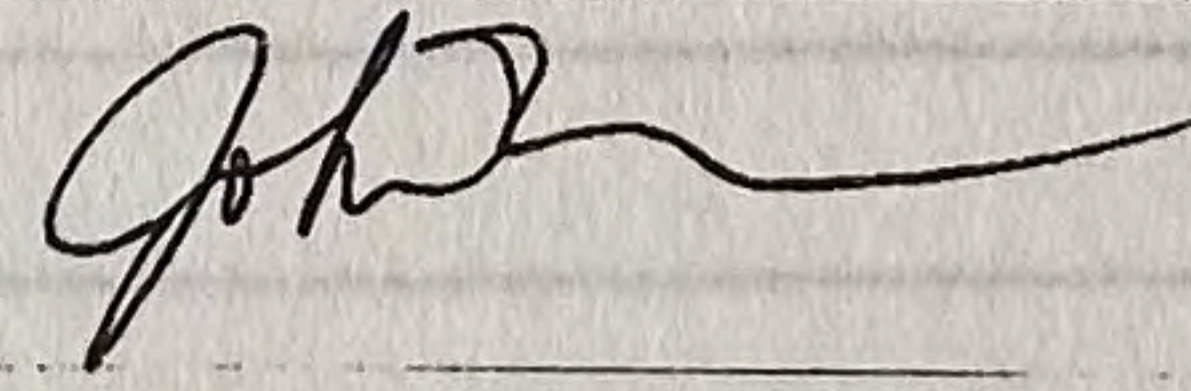
The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Signed  _____
James P. Gibbs - A&P 3584134IA

Shop@BisonAviation.com / www.BisonAviation.com

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TOTALS – CARRY FORWARD TO NEXT PAGE

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TOTALS BROUGHT FORWARD FROM PREVIOUS PAGE				
CRYSTAL AVIONICS, LLC 1746 Entrance Drive New Braunfels, TX 78130-2742 FAA CERTIFICATED REPAIR STATION YVCR493Y				
Registration	N7577V	HOBBS		
Model No.	177RG	TACH		
Serial No.	177RG0868	WORK ORDER # 1984		
INSTALLED GARMIN GTX345 TRANSPONDER P/N 010-01216-01 S/N 3EG004844 IN ACCORDANCE WITH INSTALLATION MANUAL 190-00734-10 REV 8 DATED SEPTEMBER 2017 AND STC SA01714WI WITH APPROVED MODEL LIST. INSTALLED GARMIN G5 ELECTRONIC FLIGHT INSTRUMENT S/N 4JQ006301 IN ACCORDANCE WITH STC INSTALLATION MANUAL 190-01112-10 REV 3 DATED AUGUST 2016 AND STC SA01818WI WITH APPROVED MODEL LIST.				
The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with manufacturer's instructions. Pertinent details of this repair are on file at this repair station under the referenced Work Order Number: 1984				
Date:	Authorized Signature: 			
	2-8-2017			

Tach

CRYSTAL AVIONICS LLC
 1746 Entrance Dr.
 New Braunfels, Texas 78130
 (830) 526-3838
 FAA Repair Station YVCR493Y

N: 7577V
 Date: 2-8-2017
 FAR 91.411

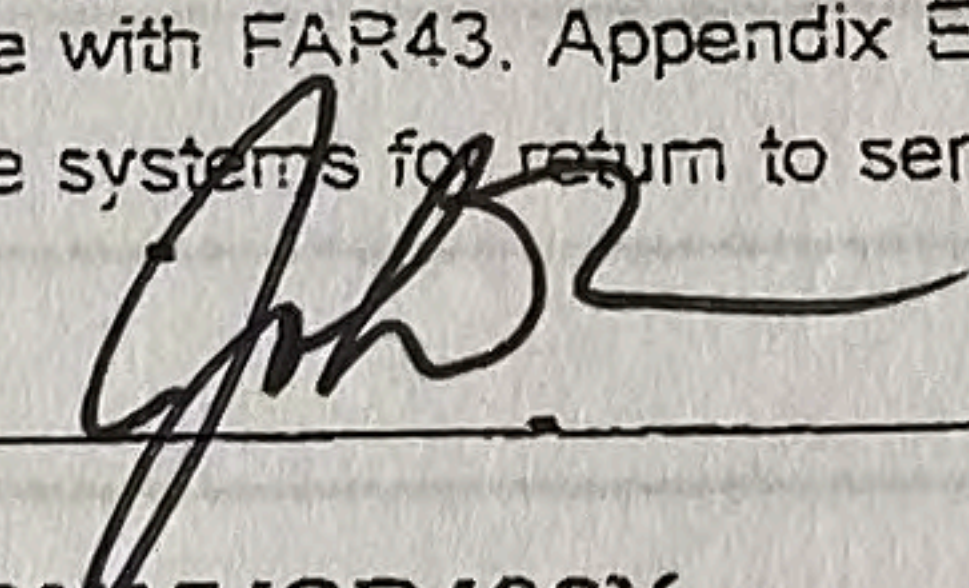
Details of this inspection are filed under Repair Station Work Order No: 1984

System Tested To: 20,000 FT

Pilot's Altimeter: P/N: 5934P-3 S/N 399887 Tested To: 20,000 FT

Co-Pilot's Altimeter: P/N: N/A S/N N/A Tested To: N/A FT

I certify that the Altimeter & Altitude reporting equipment test and inspections required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E. I found these systems to be in Airworthy Condition and Approve these systems for return to service.

Date: 2-8-2017 Signature: 

FAA CERTIFIED REPAIR STATION YVCR493Y

CRYSTAL AVIONICS LLC
 1746 Entrance Dr.
 New Braunfels, Texas 78130
 (830) 626-3838
 FAA Repair Station YVCR493Y

N: 7577V
 Date: 2-8-2017
 FAR 91.413

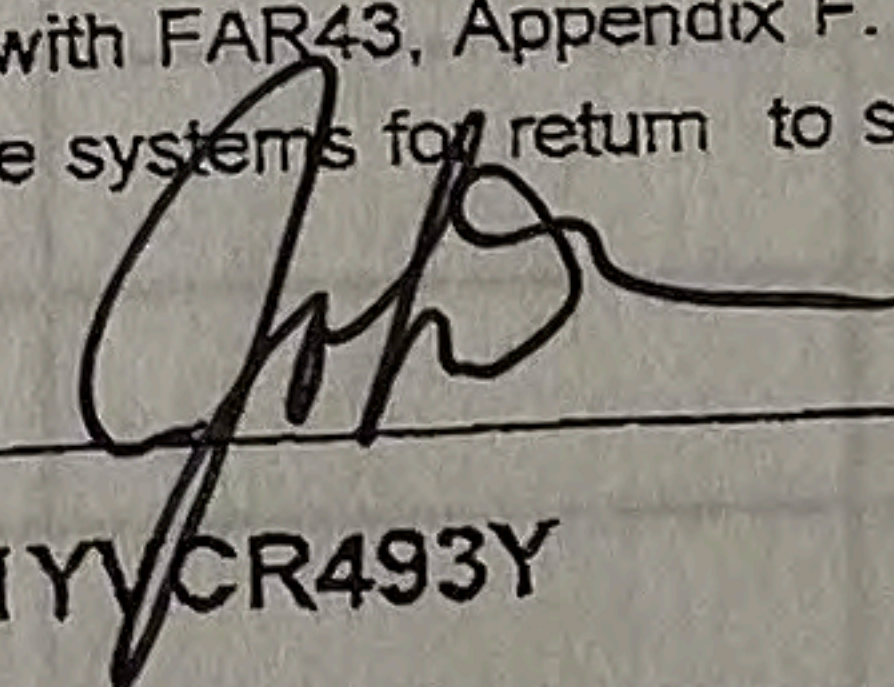
Details of this inspection are filed under Repair Station Work Order No: 1984

Automatic Pressure Reporting System Tested To: 20,000

No. 1 Transponder: Model: GTX345 S/N 3EG004844 Tested On: 2-8-2017

No. 2 Transponder: Model: N/A S/N N/A Tested On: N/A

I certify that the ATC Transponder reporting equipment and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F. I found these systems to be in Airworthy condition and approve these systems for return to service.

Date: 2-8-2017 Signature: 

FAA CERTIFIED REPAIR STATION YVCR493Y

SUB-TOTALS THIS PAGE			
TOTALS – CARRY FORWARD TO NEXT PAGE			

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222 Airport Drive, Lockhart, TX 78644
512-398-3439



222 Airport Drive, Lockhart, TX 78644
512-398-3439

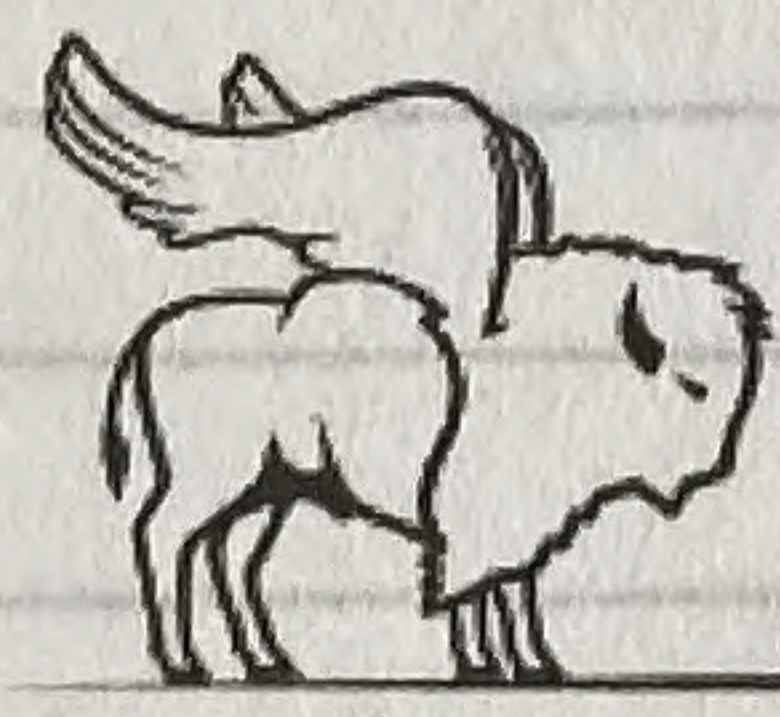
Tach 3521.1 N7577V 04/19/2017
Performed annual inspection IAW Cessna Service Manual. ELT tested IAW FAR 91.207(d). ELT battery due 12/2017. Checked brakes and serviced with 5606. Checked cables and lubed pulleys. Replaced right main tire with Goodyear Flight Custom III. Serviced all tire pressures. Replaced both vacuum filters. Replaced nose gear actuator flex lines with P/N AE3663231E0150 and AE3663231E0134. Checked gear rigging. Serviced gear reservoir with 5606. Performed gear retract and emergency extension tests. Replaced air filter element. Replaced one cowling SouthCo receptacle. Replaced one landing light bulb, P/N 4509. Checked tach and found to read 160-200 low at all speeds. Manifold pressure/fuel pressure gauge repaired by AISS. See 8130 tag for details. Replaced light bulb in engine instrument cluster. Removed and installed fuel selector valve after repair by McFarlane Aviation. See previous log entry. Leak and operational check OK
-----Continued-----

Tach 3521.1 N7577V 04/19/2017
C/W AD 93-05-06 by installation of switch kit A-3650-2 and lubrication of contacts, next due 5521.1, AD 11-10-09 by visual check on seat track, rollers and lock pins and by dimensional check of seat track holes and roller housings, next due 3621.1/annual. I certify that this airframe has been inspected IAW an annual inspection and found to be in airworthy condition at this time.

[Signature]
A&P/IA 3279628



Date: April 14, 2017 Part Number: 0716613-5
Time in Service Unknown hrs
This Fuel Selector valve was disassembled, cleaned, inspected, repaired, and pressure leak tested using Cessna Model 177RG Series Service Manual and McFarlane Aviation Products procedures. Replaced seals, and other components as listed on Job Order # 47844. Fluorocarbon O-rings per McFarlane FAA-PMA, Cessna parts, and industry standard hardware were used. This valve was determined to be acceptable for return to service for work completed.
[Signature]
Ben Strahm Certificate # A&P 3053050



BISON AVIATION

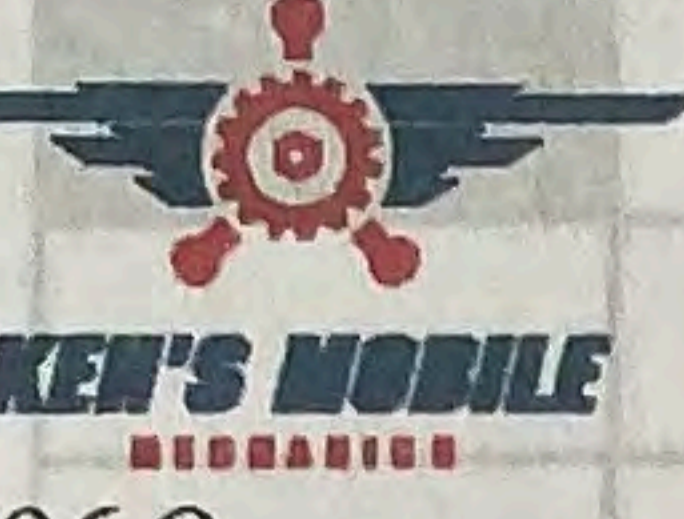

Toll Free: 888-SOS-BISON
Local: 210-876-JETS

6/12/2017 N7577V Cessna 177RG Airframe Logbook

Hobbs: 3558.5
Removed and replaced 15x6.00x6 LH main tire with new.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Signed *[Signature]*
Cody Strack 3801769AP

DATE	DESCRIPTION OF WORK PERFORMED – SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME
 Tach 3596.8 Removed Cessna engine gauge clusters, tachometer, Cessna manifold pressure gauge and Electronics International Engine Monitor indicator and wiring. Installed new instrument panel cover. Installed J. P. Instruments EDM 900 Primary Engine Data Management System IAW STC SA01435SE. Installed ammeter shunt P/N 159920 on bottom of glove box, oil pressure sensor, P/N 159936A, S/N 11216, on center upper firewall, manifold pressure sensor, P/N 159934A, S/N 11204, on upper left firewall, fuel pressure sensor, P/N 159935A, S/N 5978, on center upper firewall, RPM sensor for Bendix 3000 series magneto, P/N 420808 on magneto, oil temperature sensor, P/N 400509, OAT sensor, P/N 400510 on bottom of left wing aft of pitot tube, (4) EGT probes, P/N M-111 and (4) CHT probes, P/N 5050 and Remote Alarm Light Unit, P/N 790547, S/N 62730, installed on pilots instrument panel. -----Continued-----	222 Airport Drive, Lockhart, TX 78644 512-398-3439 N7577V 12/01/2017 Installed J. P. Instruments fuel flow transducer 700900-1, IAW STC SA00432SE. K-factor is 212501. Removed Cessna fuel quantity transmitters and installed Cies Frequency fuel quantity transmitters CC284022, S/N C438 and C439 IAW STC SA02511SE. Installed new 2 amp circuit breaker on main buss. Wired both fuel quantity transmitters IAW Cies installation manual. Calibrated fuel system and entered data in JPI-900 fuel table. Fuel table data is as follows: Left tank – 74, 82, 92, 208, 125; Right tank – 74,82,93,110,129. Weight and balance change is negligible. Replaced right brake caliper with serviceable unit P/N C-30018. Replaced oring with MS28775-224. Installed new fittings and installed new hose. Bleed and service right brake system with 5606. Replaced ELT batteries. Tested ELT IAW FAR 91.207(d). Batteries due 12/2022.			
 Tach 3626.7 Performed annual inspection IAW Cessna Service Manual. ELT tested IAW FAR 91.207(d). ELT battery due 12/2022. Checked brakes and serviced with 5606. Checked cables and lubed pulleys. Serviced all tire pressures. Replaced both vacuum filters. Serviced gear reservoir with 5606. Performed gear retract and emergency extension tests. Replaced air filter element. Replaced 2 cowling SouthCo receptacle. Replaced 4 Southco fasteners. Replaced avionics master switch with new circuit breaker/switch. Operational check OK. Replaced propeller control cable with McFarlane MCC299506-0105. Rigged system. Checked power outlet. 12v to center pin. Adjusted ailerons for slight left turning tendency. Lengthened left aileron rod 1 turn and shortened right aileron rod 1 turn. Replaced one adel clamp. Replaced 8 floor tristruds. -----Continued-----	222 Airport Drive, Lockhart, TX 78644 512-398-3439 N7577V 04/13/2018 C/W AD 11-10-09 by visual check on seat track, rollers and lock pins and by dimensional check of seat track holes and roller housings, next due 3726.7/annual. Aircraft is released for check flight of ailerons per FAR 91.407. I certify that this airframe has been inspected IAW an annual inspection and found to be in airworthy condition at this time.			
<p>Tach: 3626.7 N7577V 04/13/2018</p> <p>conducted maintenance check flight after a/c from adjustment. All flight controls operated normally.</p>				
<p style="text-align: right;">SUB-TOTALS THIS PAGE</p> <p>TOTALS – CARRY FORWARD TO NEXT PAGE</p>		<p>A&P/IA 3279628</p>	<p>ATP 3366235</p>	


DATE	DESCRIPTION OF WORK PERFORMED – SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME
TOTALS BROUGHT FORWARD FROM PREVIOUS PAGE				

 222 Airport Drive, Lockhart, TX 78644
512-398-3439

Tach 3751.2 N7577V Date 12/05/2018
Removed AmeriKing ELT 451 system and installed ACK E-04
ELT system, S/N 25929. Installed switch unit in co-pilot's panel.
Mounted on shelf aft of baggage compartment. Installed new
antenna. Ran new cable from switch to ELT. Ground test
operational. Weight and balance change is negligible.

[Signature]
A&P 3279628

2DC88 ACA92 FFBFF
ACK Technologies Inc
Model E-04 ELT

 222 Airport Drive, Lockhart, TX 78644
512-398-3439

Tach 3826.2 N7577V 06/19/2019
Performed annual inspection IAW Cessna Service Manual. ELT
tested IAW FAR 91.207(d). ELT battery due 10/2023. Checked
brakes and serviced with 5606. Checked cables and lubed pulleys.
Serviced all tire pressures. Serviced gear reservoir with 5606.
Performed gear retract and emergency extension tests. Replaced air
filter element. Repaired nose gear door. Installed nose gear door
bushings. Paint nose gear door. Painted exhaust fairing. Replaced
nose tube. Serviced nose strut with 5606 and nitrogen. Installed
new landing gear up light cover. Replaced one cowling shock
mount. Removed artificial horizon. Removed STec directional
gyro. STec 50 autopilot modification ST901 removed by Pippen
York. Removed ST901 converter, GPSS switch and associated
wiring. Removed vacuum system from aircraft. Moved turn
coordinator from co-pilot's panel to pilot's panel. Installed Garmin
G5 HSI indicator, S/N 4JQ019004, GMU-11, P/N 010-01788-01,
in left wing tip, GAD-29, P/N 010-01172-11, S/N 5DL005678,
under instrument panel on left side wall of fuselage IAW STC
SA01818WI. -----Continued-----

ACCEPTED OR SERVICEABLE

Equip M-M: STec 50 prog/comp ACN# Hand carried
S/N D408-484E

Work Order No. 17552 Date 6-03-19
Signed [Signature] Cert No CRS FMR327K

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

PIPpen-YORK INC. dba A FLYING MACHINE COMPANY
GILLESPIE COUNTY AIRPORT FREDERICKSBURG, TX. 78624
FAA C.R.S. #MZR327K 503-997-8205

 222 Airport Drive, Lockhart, TX 78644
512-398-3439

Tach 3826.2 N7577V 06/19/2019
C/W AD 11-10-09 by visual check on seat track, rollers and lock
pins and by dimensional check of seat track holes and roller
housings, next due 3926.2/annual. I certify that this airframe has
been inspected IAW an annual inspection and found to be in
airworthy condition at this time.

[Signature]
A&P/IA 3279628

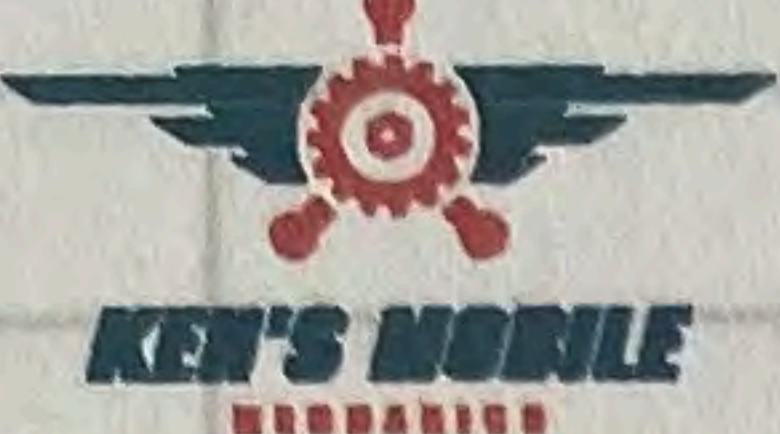
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1. Approving Civil Aviation Authority / Country FAA / UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3. AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number AA I088N-0000			
4. Organization/Name and Address YV4R688M FAA-PMA PQ1206CE Aero Accessories, LLC 2208 Air Park Drive, Burlington, NC 27215		5. Work Order / Contract / Invoice Number I088N-0000			
6. Item 1	7. Description Fuel Pump	8. Part Number LW15473	9. Quantity 1	10. Serial Number 088N27	11. Status / Work OVERHAUL
12. Remarks OVERHAULED IN ACCORDANCE WITH THE FOLLOWING FAA APPROVED PROCESS(ES): 203-6-1010 Rev. I dated 11/02/2011 CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER EASA.145.5682					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return To Service <input checked="" type="checkbox"/> Other Regulation Specified in Block 12 Certifies that unless otherwise specified in block 12, then work identified in block 11 and described in block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval / Authorization No.:		14b. Authorized Signature <i>Kim Clear</i>	
13d. Name (Typed or Printed)		13e. Date (dd/mm/yyyy)		14c. Approval/Certificate No. YV4R688M	
				14d. Name (Typed or Printed) Kim Clear	
				14e. Date (dd/mm/yyyy) 09/Jul/2019	
User / Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to instal the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					
FAA FORM 8130-3 (2-14)				NSN 0052-00-012-9005	

DESCRIPTION
SIGNATURE & CERTIFICATE


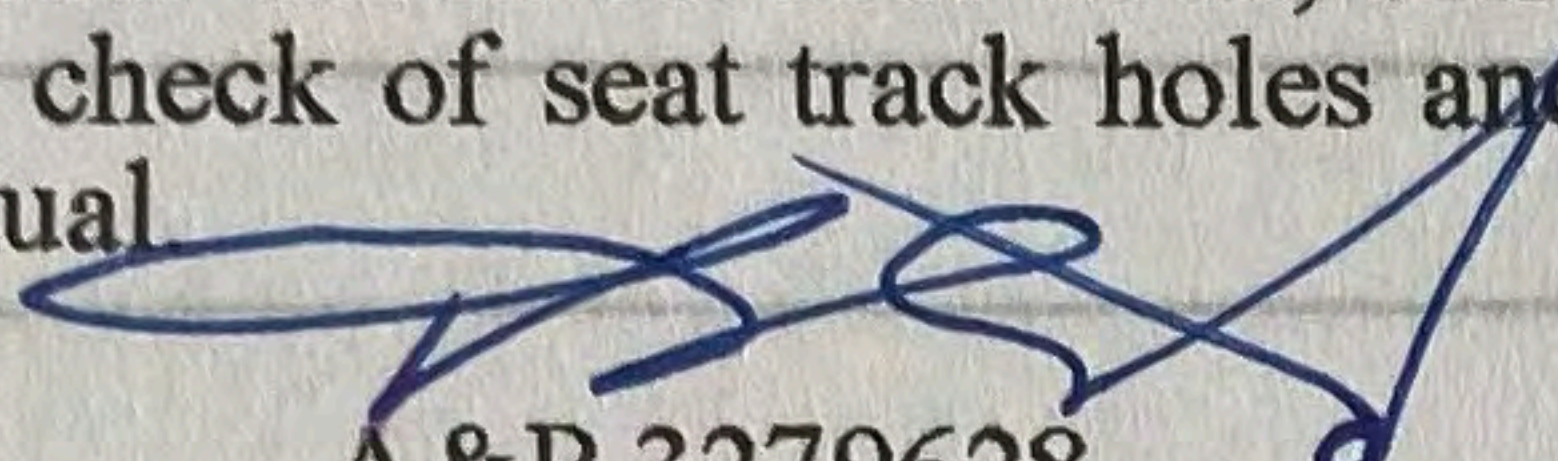

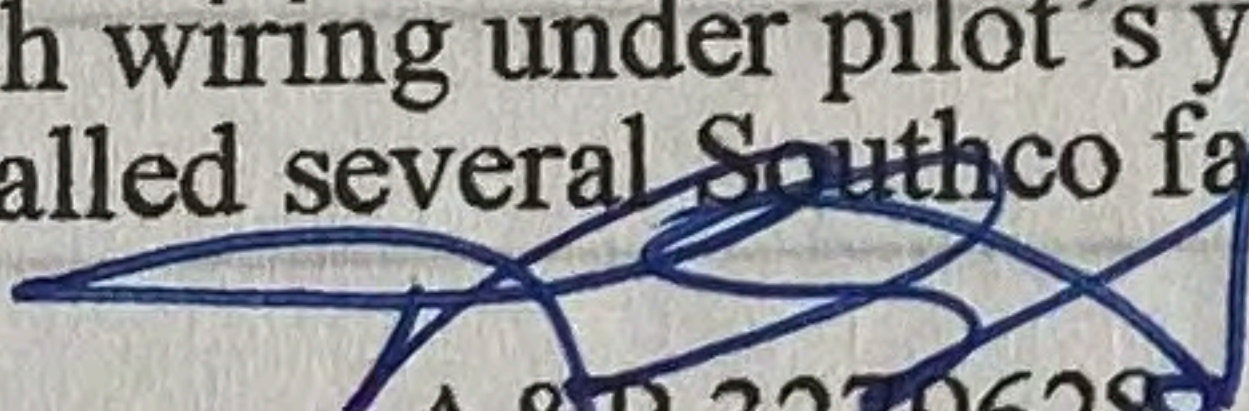
DATE

TOTALS BROUGHT

 222 Airport Drive, 512-3
Tach 3916.5 N7577V
Replaced engine driven fuel pump with P/N LW15473, S/N 088N27. Installed w Operational and leak check OK. Rep Replaced one Southco fastener. Installed AD 11-10-09 by visual check on seat track and by dimensional check of seat track next due 4016.5/annual
A&P 3279628

 222 Airport Drive, Lockhart, TX 78644 512-398-3439
Tach 3988.8 N7577V Date 03/05/2020
Repaired wiring to T&B and #1 CDI indicators. Bleed right brake and service brake systems with 5606. No leaks noted. Removed headliner cleaned and visually inspected carry thru spar. No corrosion
Installed
Secured
shock n

AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 10/31/2019 10:52:37 AM
Airmotive LLC Drive N.E. Washington 98223		EASA#EASA.145.6542 REPAIR STATION# P32R748N	5. Work Order/Contract/Invoice Number: JO# IOANT
9. Quantity:	10. Serial Number:	11. Status/Work:	
4232-2	1 EACH	68B OVERHAULED	
OVERHAULED AND TESTED IAW PRECISION AIRMOTIVE SERVICE MANUAL 15-600. CABLE SERVICE BULLETINS AND AD'S COMPLIED WITH TO DATE. S HELD ON FILE IN REFERENCED JO (SEE BLOCK 5). PRECISION AIRMOTIVE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR SERVICE UNDER EASA PART-145 APPROVAL NUMBER: EASA.145.6542 ASSEMBLY PRESERVED FOR SHORT TERM STORAGE.			
14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			

DATE	DESCRIPTION OF WORK PERFORMED – SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME
TOTALS BROUGHT FORWARD FROM PREVIOUS PAGE				
<div style="display: flex; align-items: center;">  <div style="text-align: center;"> <p>222 Airport Drive, Lockhart, TX 78644 512-398-3439</p> </div> </div> <p>Tach 3916.5 N7577V Date 08/28/2019 Replaced engine driven fuel pump with OH Tempest fuel pump, P/N LW15473, S/N 088N27. Installed with new gasket and orings. Operational and leak check OK. Replaced air filter element. Replaced one Southco fastener. Installed 3 Southco retainers. C/W AD 11-10-09 by visual check on seat track, rollers and lock pins and by dimensional check of seat track holes and roller housings, next due 4016.5/annual  A&P 3279628</p>				
<div style="display: flex; align-items: center;">  <div style="text-align: center;"> <p>222 Airport Drive, Lockhart, TX 78644 512-398-3439</p> </div> </div> <p>Tach 3988.8 N7577V Date 03/05/2020 Repaired wiring to T&B and #1 CDI indicators. Bleed right brake and service brake systems with 5606. No leaks noted. Removed headliner, cleaned and visually inspected carry thru spar. No corrosion noted. Replaced all CAT hoses with new SCAT hoses. Installed headliner. Heated and molded copilot's side of headliner. Secured PTT switch wiring under pilot's yoke. Replaced 2 cowling shock mounts. Installed several Southco fastener retainers.  A&P 3279628</p>				
<p style="text-align: right; margin-right: 50px;">SUB-TOTALS THIS PAGE</p> <p style="text-align: center; margin-top: 10px;">TOTALS – CARRY FORWARD TO NEXT PAGE</p>				