

REPLACE BATTERY BY:

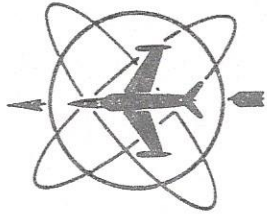
The Standard
 - AIRCRAFT LOG

ASA/SA-1

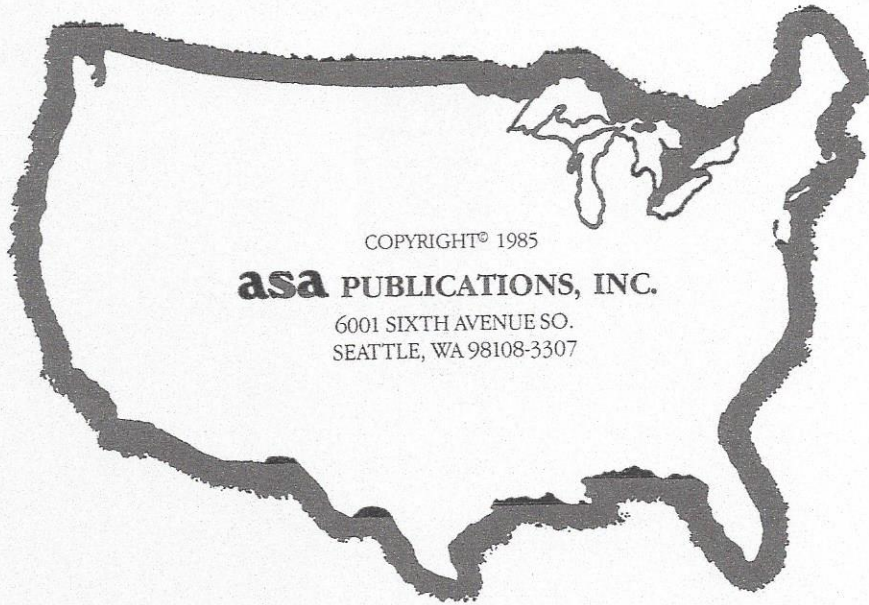
#2

Complete Book #2

#2



MODEL SA-1



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6001 SIXTH AVENUE SO.
SEATTLE, WA 98108-3307

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER CESSNA MODEL 177A SERIAL 17701282
REGISTRATION NUMBER N30484 DATE MFG. _____
ENGINE(S) CURRENTLY INSTALLED.
MFG LYCOMING MODEL 0360-A2F SERIAL ~~17701282~~ 29108-36A
MFG _____ MODEL _____ SERIAL _____
PROPELLER(S) CURRENTLY INSTALLED.
MFG _____ MODEL _____ SERIAL _____
HUB MODEL _____ SERIAL _____ SERIAL _____
BLADE MODEL _____ SERIAL _____ SERIAL _____
BLADE MODEL _____ SERIAL _____ SERIAL _____

The Standard
 **AIRCRAFT LOG**

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-21-92	2093.0		2093.0	<p>Engine reinstalled after air haul.</p> <p>Inspected airframe, controls, cables and trim.</p> <p>Inspected landing gear, serviced wheels, tires and brakes. Repacked all wheel bearings. Serviced battery, checked lights and electrical systems.</p> <p>Replaced all lined hoses in engine compartment.</p> <p>Replaced windshield with a (see Bailey's) tinted windshield. Repaired carb heat box. Replaced induction air filter. See back of book for AD notes. Replaced ELT battery - exp. MAY 1994.</p> <p>certify that this aircraft has been inspected I am an annual inspector and found to be in airworthy condition</p> <p>as per FAR-43 APP D. Lute A. D. Trout #A 19897110</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/1/93	TACK	Time	2191.23	<p>Replaced Right and Left Brake Pads, Replaced Seal in Left Brake, Bleed Brakes, Replaced Upper and Lower Sisson Bushing + Bearing, Replace Right Main Tire, Replace Nose Tire, Replace Seals in N.C.G. STRUT Bleed + Serviced STRUT, Resafetied Right Wing Drain Plug, Unclogged Right Wing Fuel Vent, Packed All wheel Bearings, Service and Lube AIRCRAFT I.A.W. Cessna Service manual.</p> <p>Lute A. D. Trout #A 19897110</p>

DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-1-93	Tach		2191.23	Annual inspection completed this date. opened all access panel checked Airframe for general condition/corrosion. Reinstalled panels. C/W AD 87-20-03 R2 seat tracks. due again next annual. C/W AD 76-07-12 Bendix Mag Sw. due again at 2291.23. AD's checked thru 93-05 I certify that this Airframe has been inspected IAW an annual inspection and was found to be in Airworthy Condition. R. J. Shaw AP 536728913FA

DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/27/93	Tach Time		2209.08	Install New Front Seat Belts And Shoulder harness IAW Service Kit #SK177-48 All Part Furnished in Kit are Cessna Parts. R. J. Shaw AP 36389893

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-1-94	2320.0			<p>Performed 100hr Insp, opened all panels Lubed and Checked Slight Controls, c/w AD 87-20-03 R2 Seat Track And A/O 76-07-12 MAC Switch. Change ELT Battery ops Checked and Installed. <i>Bruno Joubert - A+P36389853</i></p>
6-1-94	2320.0			<p>AD's closed to date I Certify that this Aircraft has been inspected IAW an annual inspection and was determined to be in Airworthy Condition. <i>Yolanda Davis A+P5367189131A</i></p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/1/95	Tach 2479.97	Aircraft 2479.97	TTIS	<p>Performed Annual insp, c/w AD 87-20-03 76-07-12, Installed Electronics International CH7 System 502 337, Engine TTIS 516.97 TSMOH Propeller Governor repaired fuel at 4 lower cond mounts sprayed wings ELT Due by copy through spec for conversion, replaced L/A static Bottle,</p>
7/1/95				<p>I certify that this Aircraft has been inspected in accordance with the <i>the</i> inspection and was determined to be in airworthy condition. <i>Michael Knight 530032461A</i></p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1985 7-24	2507.2			CHANGES RT MAIN TIRE. REMOVED AND REPLACED WITH NEW 80044R FLIGHT EAGLE II Key 1915069
8-28	2537			REPAIRS + REPLACED TUBE - NOSE WHEEL RE-GROSSED BEARINGS AND REINSTALLED. Doy 195069 OWNER Pilot

Instrument Class 1, 2, 3, 4; Radio Ltd.; Accessory Ltd.
 FAA / JAA Approved Repair Station KD3R627L

Pacific Southwest Instruments
 1672 Railroad St., Corona, CA 91720
 Tel. (909) 737-0790 FAX (909) 273-7149



PSI

SERVICEABLE PARTS TAG / FAA FORM 8130-3

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				
6/27/96	Tach 2622.11	Aircraft 2622.11	TTIS	Replaced L/H Brake Linings, Performed Annual inspection, Replaced All Vacuum Hoses for AH & DG, Tightened Top Cables, sprayed Corrosion X on wings, Replaced Vacuum Pump with Sigmatex 10128B S/N 72583H. Check AD's 87-20-03 and 76-07-12, All work performed Int'l C177 S/m D841-7-13 AF 7/1/77. Kedric [Signature]
9/26/96	Tach: 2668.4			REPLACED TACH WITH "NEW PART" P/N DI-112-5025, S/N 6215. SEE YELLOW FORM 8130-3 ATTACHED. NOTE PSI, SET TACH TIME TO THE ORIGINAL TACH READING. TACH TIME EQUALS TOTAL TIME. REWORKED FT. CENTER NOTED IN RECORDS - 561576779AD TRIM OIL

PSI

Pacific Southwest Instruments

1672 Railroad St.
 Corona, CA 91720
 (909) 737-0790
 FAA Repair Station No. KD3R627L
 Class 1 - 2 - 3 - 4



W.O. # 95230

CUSTOMER: AERO WEST

NOMENCLATURE: RECORDING TACHOMETER

PART NO.: 21-117-0001

MANUFACTURER: MITCHELL

SERIAL NO.: 0216

RCVD. DATE: 08/03/96

WORK TO BE PERFORMED: FUNCTIONAL TEST
 COMMENTS: _____

INSPECTION RESULTS: PRELIMINARY:

TEAR DOWN:

Functional Test OK

PARTS USED:

QTY	PART NUMBER	QTY	PART NUMBER	QTY	PART NUMBER

CALIB. SPECS USED

EQUIPMENT USED

Mt. Sides
Standard

RFM
1200 OK
1500 OK
2000 OK
2500 OK
3000 OK
3500 OK
4000 OK
4500 OK
5000 OK
5500 OK
6000 OK
6500 OK
7000 OK
7500 OK
8000 OK
8500 OK
9000 OK
9500 OK
10000 OK

OVERHAUL REPAIR FUNCTIONAL TEST FUNCTIONAL TEST NEW MATERIAL

REPAIRMAN: [Signature]

DATED: SEP 23 1996

INSPECTOR: [Signature]

DATED: SEP 23 1996

The Aircraft Appliance identified above was overhauled, repaired, or functional tested as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this agency under work order number above.

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration			3. System Tracking Ref. No. 95259	
4. Organization Pacific Southwest Instruments 1672 Railroad Street Corona, CA 91720				5. Work Order, Contract, or Invoice No: 95259		
6. Item	7. Description	8. Part Number	9. Elig*	10. Qty	11. Serial Batch Number	12. Status/Work
	RECORDING TACHOMETER	D1-112-5025				NEW MATERIAL
13. Remarks: Item 1 was manufactured by Mitchell. This unit was New Material in accordance with FAA airworthiness regulations. For further details, please see Work Order No: 95259						
Life limited parts must be accompanied by maintenance history including total time/cycles time since new.						
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations, and in respect to the work performed, the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.	20. Authorized Signature <i>Wayne Mueller</i>		21. Certificate Number KD3R627L	
17. Name (Typed or Printed)		18. Date	22. Name (Typed or Printed) Wayne Mueller		23. Date SEP 23 1996	

FA FORM 8130-3

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

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

CHANGERS AT MAIN TIRE. REMOVED AND REPAIRED WITH NEW GEOSYRE FLIGHT EMBLE II

ROY 1715069

REMOVED + REPLACED TUBE. NOSE WITH REG APPROVED BENTONTS AND REINSTALLED.

ROY 1715069

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>altimeter 2712.4 Total Time 2712.4 cert. A. that this (aircraft) (engine) has been inspected in accordance with a ANNUAL (100-HOUR) inspection and was determined to be in airworthy condition. Dated 05-14-97 W.O.# Signed H. A. Temple AP 540548784 IA</p>
9/30/97				<p>Complies with FAR's 91.217, 91.411 & 91.413 Inspected the static system in accordance to FAR 43 appendix "E". Tested the calibration of the ships altimeter per appendix "E". Tested the ATC transponder per FAR 43 appendix "F". Tested the automatic pressure altitude reporting system per FAR 91.217. Regis. No. 30484 AT-50A DATE 9/30/97 Tested to 20,000 ft. SN 27806 Authorized Signature <i>[Signature]</i> Intermountain Aerospace Avionics Q15R146N</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-8-98	27622			<p>Installed CA1600 fuel drain header Tank Joshua Mungu AIP174682</p>
2-10-98				<p>Installed KIK-135A as #2 Comm / GPS in a stand alone vfr only GA in acc- ordance to install manual + as per AC 43.13 1A+2A, connected w/ balance + all required parts. Details a file under WO 4693. Intermountain Aerospace Q15R146N <i>[Signature]</i></p>

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
06-01	2769.7			<p>8/w AD 76-07-12 para 1 (a), (b) + (c). 4/w AD 76-07-AD 87-20-03 R2 para (c) (a) (1-7). RTR T-fitting in header tank vent line, cleaned threads, resealed and reinstalled to stop fuel seep. Replaced L.H main tire. (Perotamer). Tachometer.....^{2769.7} Total Time.....^{2769.7} I certify that this aircraft (engine) has been inspected in accordance with an annual 100 HOUR inspection and was deter- mined to be in airworthy condition. Dated 06-01-98 W.O.#..... Signed: <u>A. Temple</u> AD540548794</p>

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
07-08	2796.4			<p>8/w AD 87-20-03 R2 Para c (a) (1-7) - seat tracks 4/w AD 76-07-12 Para 1 (a), (b) + (c) - ignition switch. Installed a factory overhauled O-360-ARF engine S/N L-29108-36A. Replaced all engine compartment hoses with new or rebuilt. Oil cooler hoses are type "R". Cleaned, primed, & painted the engine mount. Installed new engine isolators. Repaired carb heat box. Replaced rusted hardware on fire wall with new. New fuselegs to engine mount bolts installed. Replace RH and upper left wing bolts with new hardware. Replaced all cotings in the oleo strut. Inspected the EAT IAW FAR 91.207 (d). Repacked wheel bearings.</p>

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9-12-00				Inspected & tested ELT per FAR 91.207.
Tach	2881.	5		Greased all wheel bearings, installed new tire
AFTT	2881.	5		and tube on nose wheel, resealed and
				serviced shimmy dampen and shimmed
				torque links. Bled right brake line.
				Replaced one landing light, adjusted flap
				rigging and lubed jack screws. Installed new
				instrument filter and vacuum filter. Replaced
				one rear shock mount.
				see separate AD list

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH A

Annual
INSPECTION AND WAS DETERMINED TO
BE IN AIRWORTHY CONDITION.

Mark [Signature]
SIGNATURE
AI 473629 783
NUMBER

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-9-00				INSTALLED SERVICE KIT SK 177-39D, REDUCED
TACH	2901.6			DIAMETER FUEL CAP MODIFICATION. [Signature]
				AP518405887
10-5-01				GREASED ALL WHEEL BEARINGS. INSTALLED NEW ELT
TACH	2933.4			BATTERY. INSPECTED AND TESTED ELT PER FAR 91.207
AFTT	2933.4			Q'S CHECKED OK. CLEANED AND LUBED ALL CONTROLS.
ENG SMOH	139.0			SERVICED AIRCRAFT BATTERY.
PROP SMH	354.07			
ELT	10-2003			

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH A

ANNUAL
INSPECTION AND WAS DETERMINED TO
BE IN AIRWORTHY CONDITION.

[Signature] IA 518405887
SIGNATURE
NUMBER

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-16-02	2952.7		2952.7	<p>C/W 72-03-03, 183 - Wing Flap drive screws per SE 70-16 (Sup 1+)</p> <p>C/W 76-07-12, Bendix Ign Switch - OK per Funct Check Lett</p> <p>C/W 87-20, A2, Seat tracks & pins - Within limits</p> <p>Checked 1st test DD-06-01 - Fuel strainer - N/A due year instr</p> <p>All other A.D.'s for Airframe N/A or PLW</p> <p>Insp. all pulleys - Cables - hinges - Control systems & surfaces (interior & exterior) including structure for integrity & function & proper travel Insp Landing gear & attach Struc serviced No batt. Lt batt OK to 10-03. Flushed fuel sys & checked fuel shut-off valve. Cleaned fuel sediment screen</p> <p>Insp. Fuselage - Empennage & wings, interior & exterior</p> <p>No Anomaly Found. All points lubed as needed.</p> <p>(Cont. next page)</p>

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10-16-02	2952.7		2952.7	<p>I certify that this Aircraft has been Inspected in accordance with an Annual Inspection & found to be in Airworthy Condition.</p> <p>Ray L. Whittall 1379736 A+P-AI</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-8-2003	Tach 2963	.0		Inspected and tested ELT per FAR 91.207 serviced battery, greased all wheel bearings, cleaned and lubed controls. Installed new Power Flow Systems exhaust kit.
	RFT 2963	.0		
				see separate AD list

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A

Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Mark Ullrich
SIGNATURE
AI 473629783

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Avionics Shop, Inc. FAA Repair Station E11R623Y 798 Airport Loop Twin Falls, ID 83301
 LOG ID# 432 24-October-2003
 N30484 S/N 17701282 CESSNA 177A Cardinal TACH 2965.4 Pg 1/1

Exchanged defective altimeter for Overhauled altimeter p/n 59348-1A-50 s/n 6A046. Performed data correspondence test and adjustment between Trans-Cal encoder s/n 61952 and new altimeter IAW FAR Part 91.217. Certified static system IAW FAR Part 23.1325.

I certify that the altimeter, static and altitude reporting systems test required by FAR Part 91.411 have been performed and found to comply with FAR Part 43 appendix E.

Altimeter #1 s/n 6A046 was tested to 20,000 feet.

The altitude reporting system s/n 61952 was tested to 20,000 feet.

I certify that the ATC transponder tests and inspections required by FAR Part 91.413 were performed and found to comply with FAR Part 43 appendix F.

Ronnie R. Miller

24 OCT. 03

Repairman certificate 512808230 Ronnie R. Miller Date

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
18-11-04	2984.0			Airworthiness Directives complied with 72-03-03 R3 87-20-03 R2 ADs checked to 2004-19-01
				I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition Ray L. W. 1379736 AI

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Avionics Shop, Inc. FAA Repair Station E11R623Y 105 Joslin Way Twin Falls, ID 83301
 LOG ID# 740 16-August-2005 Pg 1 / 1
 N30484 S/N 17701282 CESSNA 177A Cardinal TACH 2989.3

Removed defective directional gyro and installed overhauled gyro p/n 200-11AL/6406 s/n 21008.
 Functional tested good.

Paul Miller

18 Aug 05

Repairman Certificate 512808230 Ronnie R. Miller Date

11-01-05	2996.0			Replaced ELT battery - Serviced main 40 battery Inspected all cables, cable ends - pulleys, hinges & lubed same checked wheel bearings - brake pads - serviced brake fluid Insp of controls & surfaces - Insp complete Airframe for integrity checked (continued next page)
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Avionics Shop, Inc. FAA Repair Station E11R623Y 105 Joslin Way Twin Falls, ID 83301
 LOG ID# 1031 24-October-2007
 N30484 S/N 17701282 CESSNA 177A Cardinal TACH 3006.6

Pg 1

I certify that the altimeter, static and altitude reporting systems test required by FAR Part 91.411 have been performed and found to comply with FAR Part 43 appendix E.

Altimeter #1 s/n 6A046 was tested to 20,000 feet.

The altitude reporting system s/n 61952 was tested to 20,000 feet.

I certify that the ATC transponder tests and inspections required by FAR Part 91.413 were performed and found to comply with FAR Part 43 appendix F.

Ron Miller

24 OCT 07

Repairman Certificate 512808230 Ronnie R. Miller Date

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
<i>Nov. 1 2007 2007</i>	<i>3007.2</i>		<i>3007.2</i>	<i>Inspection completed this date. Replaced ELT Battery and tested in accordance with 91.207(d). Battery next due December of 2009. Complied with A.D. 77-03-03 R3 by inspection. Complied with A.D. 87-20-03 R2 by inspection. Performed Fiberglass Repair on wing tips and Repainted. Replaced Alternator belt P/N 37A19773-376 with new identical P/N. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in Airworthy condition. Hans Swanson</i>
				<i>END 2758574IA</i>

Oct 9, 08, Tack 3086:

Wheel bearings cleaned and repacked. Brake linings checked. Control surfaces and cables checked, lubed as needed. A/C battery serviced. Two new cowl shock mounts replaced. New seal in fuel shut off valve. Air tires. AD's checked thru 20008-19.
 I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Wilbur Beck A/P 1594383 AT

The ATC transponder was tested & inspected on 10/17/08 & found to comply with FAR 91.413, IAW FAR 43 App. F. Automatic altitude reporting equipment was tested and calibrated 10/17/08 to an altitude of 20 thousand feet & found to comply with FAR 91.411, IAW FAR 43 App.

EPar. (c) 12198 Signature *[Signature]*
 W/O# 12198

AKLAND AVIONICS CO. CRS YOKR329L

TACH 3086-3

N30484

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
<u>2008</u> <u>10/26</u>	<u>3086.6</u>			<u>New Gill Battery installed G024 12973</u> <u>w. Beck A/P 1594383</u>
<u>3-6-09</u>	<u>3096</u>			<u>new Throttle cable installed</u> <u>w. Beck A/P 1594383</u>

Nov. 4, 09, Tack 3118 TT

Wheel bearings and brake linings checked. Bled brakes. Control surfaces and cables checked and lubed as needed. Serviced A/C battery and tires. Replaced cabin heat exchanger. Installed new ELT battery. Replace 12/11. FAR 91.207 test. AD's checked thru 2009-21.

I certify that this A/F has been inspected in accordance with a annual inspection and was determined to be in airworthy condition.

Wilbur Beck A/P 1594383 AT

5113

ALTIMETER SCALE ERROR - BARO SET AT 29.92

ALTITUDE	ERROR	TOLERANCES +/- (feet)	ALTITUDE	ERROR	TOLERANCES +/- (feet)
-1,000	0	20	14,000	+30	100
0	0	20	16,000	-40	110
500	+10	20	18,000	+40	120
1,000	+10	20	20,000	+180	130
1,500	0	25	22,000		140
2,000	-10	30	25,000		155
3,000	-10	30	30,000		180
4,000	-20	35	35,000		205
6,000	-10	40	40,000		230
8,000	0	60	45,000		255
10,000	0	80	50,000		280
12,000	-20	90			
W/O# <u>12856</u>	DATE: <u>5113110</u>		INITIAL: <u>ME</u>		
<u>N30484</u>	<u>TT 3126.4</u>	OAKLAND AVIONICS CRS# XOKR329L			

DATE 19__

The altimeter and the static pressure system was inspected and tested 5113110 & found to comply with 91.411, IAW FAR 43 App. E Par. (a) and (b).

W/O# 12856

Signature [Signature]

OAKLAND AVIONICS CO. CRS XOKR329L TT 3126.4

The ATC transponder was tested & inspected on 5113110 & found to comply with FAR 91.413, IAW FAR 43 App. F. Automatic altitude reporting equipment was tested and calibrated 5113110 to an altitude of 20 thousand feet & found to comply with FAR 91.411, IAW FAR 43 App. E Par. (e).

W/O# 12856

Signature [Signature]

OAKLAND AVIONICS CO. CRS XOKR329L TT 3126.4
N30484

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

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Lahti Aerospace, Inc. 248-762-1836
2971 Sleaford Dr. Waterford, MI 48329

6/10/2010 N30484 Tach time 3131.6 Installed new 2" scat hose for air vents, treated light corrosion on carry thru spar.
Installed new top console for headliner P/N K1706044-3, new forward air vents. -END- IA 2725134 Matt Lahti

Matt Lahti

Oct 20, 2110, Tack 3146

Wheels and bake linings checked. Air tires, control surfaces and cables; checked, lubed as needed, checked aircraft battery. Air nose strut, cleaned stall warning horn.
AD's checked thru 2010-20.

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

Wilbur Beck IA#1594383 AI

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-10-11	3154			INSTALLED NEW GILL BATTERY - D. KIM
10-12-11	3161.9			Removed vertical stabilizer, rudder & horizontal stabilizer to gain access to rear bulkhead. Removed bulkhead P/N 1712105-5 at station 281.48 because of damage at tie down point. Installed serviceable bulkhead using P/N 1712105-5. Reinstalled vertical stabilizer, rudder & horizontal stabilizer. Stabilizer rigged according to Cessna 177 service manual. See 337 dated 10-12-2011 No weight & balance change & is approved for return to service. <i>Samuel Barnes</i> AIP 242644424 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-28-11	3161.9		3161.9	Checked controls, cables, hinges, pulleys, brackets & attachments. Checked landing gear tires, wheels & brake. Cleaned & lubed wheel bearings. Revved tire with air & balanced. Serviced aircraft battery. Checked lights. Replaced wheelstat using P/N 51830-2 for instrument lights. Checked ELT per FAR 91-207 and replaced battery pack dated until Oct 2013. Checked fuel caps, vents, drains & water. Checked & cleaned fuel strainer. Replaced O-ring & gasket in fuel screen. Replaced inst. air filter using P/N AA 19-14-5. Replaced van. reg. filter using B3-5-1. Replaced seat base in knee panel vents. Replaced seat base for wing vents. Replaced door seal for baggage door & pilots door using P/N 51817-1. Replaced spring using P/N 1717053-3 for door stop on co-pilot's door. Replaced shaft using P/N 1511212-6 & plate P/N 0413195-5 with a servicable.

next page 7

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				unit for pilots door. Replaced 3 coil mounts using P/N 57444-14. CIWAD 70-20-04 fuel shutoff valve. CIWAD 76-07-12 function check of mag switch. CIWAD 11-10-09 seat track wear & seat pin engagement. I certify that this aircraft has been inspected in accordance with an annual inspection & is approved for return to service. Samuel Barnes A & P 242 644424 IA
11-4-11	3166.2		3166.2	Replaced PMA 6000M-C audio panel with ^{same} model replacement from PS Engineering due to mop co-pilot intercom Serial number C09106-R07106 David Wylt, private pilot Certificate # 550-72-5139

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

DOOR-C audio panel after
 engineering to address common fx
 fixed 12 12 volt fx relays
 need byldt, Private Pilot
 certificate # 550-72-5139
 door-C audio panel after
 engineering to address inop
 ained a broken trace
 will byldt, Private Pilot
 certificate # 550-72-5139

DATE	RECORDING TACH TIME
19	

THE A	DATE	TRANS	TRANS	ALT PR	LEFT	S/N:	DATE
91.413	11-0						11-05

FAA Approved repair station QCCR389K
 CAROLINA AVIONICS GROUP, LLC
 Ed. 3211.2
 130984

Correction Card

Altitude Scale Error

DOOR# ECC123

TEST PT(F.T)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	-990	30,000	
0	10	35,000	
500	510	40,000	
1,000	1010	45,000	
1,500	1510	50,000	
2,000	2020	55,000	
3,000	3020	60,000	
4,000	4020	65,000	
6,000	6030	70,000	
8,000	8040	75,000	
10,000	10040	80,000	
12,000	12050		
14,000	14060		
16,000	16060		
18,000	18070		
20,000	20080		
22,000			
25,000			

DATE 11-05-12
 ALT. S/N 6A046

Altitude Position Pilot Copilot

Indicator Reading at +25c

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

A 6000N-C audio panel after
 12 Engineering to address comm tx
 replaced 12 12 volt tx relays
 NS
 David Wylot, Private Pilot
 Certificate # 550-72-5139
 12000N-C audio panel after
 12 Engineering to address WOP
 repaired a broken trace
 David Wylot, Private Pilot
 Certificate # 550-72-5139

DATE
 19__

RECORDING
 TACH
 TIME

FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR
 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH
 PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER #1	MAKE: King	MODEL: MT26A	S/N: 7390
TRANSPONDER #2	MAKE:	MODEL:	S/N:
DATE: 11-05-2012	WO: 6047	INSPECTOR: Richard Ellington	

FAA APPROVED REPAIR STATION # QCCR-389K
 CAROLINA AVIONICS GROUP, LLC
 FAR 91.411

ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC
 PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL
 SPECIFICATIONS OF APPENDIX E OF PART 43

LEFT	FEEET	RIGHT	FEEET
	20,000		
S/N: 6A046		S/N:	
DATE: 11-05-2012	W/O 6047	INSPECTOR: Richard Ellington	

FAA APPROVED REPAIR STATION # QCCR-389K
 CAROLINA AVIONICS GROUP, LLC

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

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

to valley king) puller, brackets
 checked landing gear, tires, wheels
 Replaced right left main tire
 tread with air & balanced,
 rts. checked EBT per FAR 91.207
 checked fuel gauges, seats, drains
 replaced w.c. mag filter using
 PNL 12A 09-14-05 Replaced
 5705. Replaced heater for
 5EB-27-01 vertical column
 station controlled circuit
 re-pilots control column &
 next pages?

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-9-12				
checked 12/10/12				
11/10-09				
AD 1219-01				
aircraft. Replaced in accordance with an annual inspection approved for return to service.				
May 81 2013			327.4	Replaced RT Brake Calp rings with ms 28775-224 AT P940 644424 IA
				Bleed system
				Removed C-11 G-35 Battery and installed Concorde Rg-35 ARC
				Walt Brown ATP 2778642

AIRCRAFT LOG

W.O. 130510
 TSO: N/A
 061-01900 WITH NEW O-RING P/N MS28775-
 34635221A

OF (YES)

AIRCRAFT LOG

W.O. 130633
 TSO: N/A
 ROACH FAST STACK HARNESS P/N 7101-0245.
 TALLED NEW PS8000 P/N PMA 8000BT IN
 D. REINSTALLED INTERIOR AND CLOSED
 34635221A

by cables, hinges, pulleys, brackets
 by wheels. Wheelbar, Clevis
 made on night mail
 next page 3

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19				
				Replaced bearings for left main gear checked & serviced newly having checked lights checked ELT gear FAR 91-307 gear replaced battery date 21st December 2015 checked fuel gauges, vents, alternator. checked & replaced fuel strainer replaced plug gages for gauges & the wing PALM 20756010-11. Replaced mat air filter using AA89-14-5. Replaced rear suspension B3-5-1 (P/N 0.76-07-12) mounted sheet of metal aircraft 21/12/15-10-17 prop of seat track wear & seat pin engagement verify that this aircraft has been inspected in accordance with an annual inspection & is approved for return to service John E. Gulte 402065630 FA

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

page door seal and installed new
 seal P/N ADS 1200-402-23 in
 with manufacturers installation and
 PVA tag is in the aircraft records
 David Light Private Pilot
 558-72-5139

FAR 91.413
 ALTITUDE REPORTING EQUIPMENT AND STATIC
 PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL
 SPECIFICATIONS OF APPENDIX E OF PART 43

ALTITUDE CERTIFIED TO

LEFT	FEET	RIGHT	FEET
	20000		
S/N:	6A046	S/N:	
DATE:	1-6-2015	WO:	6823
		INSPECTOR:	Richard Ellingson

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

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F AND APPENDIX E PARAGRAPH C.			
TRANSPONDER #1	MAKE:	MODEL:	S/N:
	King	KT76A	7390
TRANSPONDER #2	MAKE:	MODEL:	S/N:
DATE:	WO:	INSPECTOR:	
1-6-2014	6823	Richard Ellingson	

FAA APPROVED REPAIR STATION # QCCR-389K

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

DATE	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.
5/20/15	3314.0	Weight & balance equipment list updated, CMLA N 70-34-04 final check made by insp. CMLA N. 76-03-12 function check of mag units. CMLA N 71-10-04 inspection of seat track wear & seat pin engagement. Verify that the rivet hardware inspection is accordance with annual inspection is approved for return to service. <u>James Danner</u>
		Replaced L & R cabin door seals with T-85590 Neoprene sponge seals <u>David Wyluf Aviate Pilot</u> ATD 24264424TA 550-720-5139

17247 pages

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

AIRCRAFT LOG

W.O. 150809
TSO: N/A
GARMIN IN ACCORDANCE WITH STC SA01933LA-
ING COAX CABLE. INSTALLED NAVWORX
THIS TIME. REMOVED AND INSTALLED NEW AI

34635221A

AIRCRAFT LOG

W.O. 150109
TSO: N/A

34635221A

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE
11-19-15	3363.6	1532.09

CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.

AIRCRAFT LOG

AERO SERVICES, INC.
DATE: 11-19-15 REG. # N30484 SER. # 17701282 W.O. 150158
TACH: 3363.6 HOBBS: N/A TSN: 3363.6 TSO: N/A
REMOVED STARTER AND INSTALLED NEW SKYTEC STARTER P/N 149-NL S/N FN-401597 IAW INSTALLATION
INSTRUCTIONS-OPS CHECK GOOD.
NEW WEIGHT AND BALANCE INFORMATION:
NEW EMPTY WEIGHT 1532.09
NEW E.W.C.G. 105.23
NEW MOMENT 161220.54
NEW USEFUL LOAD 967.91
ROBERT F. MCDOWELL III

34635221A

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	COMPLIANCE METHOD

AIRWORTHINESS DIRECTIVES
CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	
3-7-16	3401.8	3401.8	Checked restrike cables, hinges, pulleys, brackets with the main engine. Checked landing gear, tires, wheels & brakes. Replaced fuel filter and bearing. Serviced with fluid. Serviced main engine battery. Checked in oil pump & pump. Serviced with fluid. Serviced main engine battery. Checked lights. Replaced bulb for landing light using 8154509. Checked (PT) per EPR 91-207 and replaced battery. Jettisoned fuel. Submarine 2018. Checked fuel caps, vents, drain valves. Checked & cleaned fuel strainer. Replaced engine injector. Replaced intake air filter using 8009-14-5. Replaced one way filter using 8555-1. Retorque stabilizer bolts. 410.00. 70-3-9-04 fuel shutoff valve by insp. 411.00. 76-07-13 function report of mag outlet 21110.00 4-10-09 insp. of restrike wear & restrike engagement. 411.55. 57-03 wing lower main spar cap by inspector. No marks noted. Seat report

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