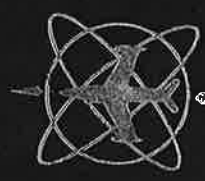


~~#~~ 3

N30915  
AIRFRAME  
LOG #3  
BEGINNING  
10/15/1993  
ENDING  
6/12/2002



*The Standard*

# AIRCRAFT LOG

ASA/SA-1

9-29-94  
Nov. 96

REMARKS

Reason for removal. Work performed. Additional work to be performed upon installation.

Display Inop

- Replace PIN PD120B013-1

Test. burn-in

OK

INSTALLED ON \_\_\_\_\_ DATE \_\_\_\_\_

MAINTENANCE RELEASE

D.O.T. Approval  
No. 42 - 90

**INSIGHT INSTRUMENT CORP.**  
FORT ERIE, ONTARIO L2A 5M1

**Insight**

Product Name: GEM

Manufacturer: INSIGHT

Part No.: 1241

Serial No.: 9092

Software Level: 602D

Mod: T

Total Time: \_\_\_\_\_

Work Order: DZARK AIRCRAFT

Overhaul  Repair  Modification

Previous Certification: June 17/96

FOR D.O.T. USE

The maintenance described has been performed in accordance  
with the applicable standards of airworthiness.

Agnes Lambert  
AMT OR AUTHORIZED INSPECTOR



Dec. 11/96  
DATE

D.O.T. AIRWORTHINESS REPRESENTATIVE

DATE

APPROVED FOR EXPORT

Details of outstanding work and other information on reverse.

MAINTENANCE RELEASE

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER Cessna MODEL 177B SERIAL 177-01543

REGISTRATION NUMBER 30915 DATE MFG. \_\_\_\_\_

ENGINE(S) CURRENTLY INSTALLED.

MFG \_\_\_\_\_ MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_

MFG \_\_\_\_\_ MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_

PROPELLER(S) CURRENTLY INSTALLED.

MFG \_\_\_\_\_ MODEL \_\_\_\_\_

HUB MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_

BLADE MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_

BLADE MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_



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.)
10-15-93	Tach	2898		prop # 1432 Remanded prop B2D34C211 SN 771042 for overhaul by Aircraft Propeller Service, Gary Bollben CRS K02R959K Monticello, Va.
11-10-93	Tach	2898		Re-installed prop SN 771042 after OH- see prop log. Installed a new spinner. Replaced door seal on both cabin doors. Replaced right cabin door arm Assy. + latched + re-installed the door handle. Installed a Sighomes SPA-460 panel mount Inter-Com and connected to pilot + co-pilot outlets only. Re-installed Collins ADF 650 system + VHF 251 Com radio after repair by Spencer Arvinis - release cards are on units - see w.o. Installed new

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>cowd flap hinge &amp; shack mount on left cowd flap.</p> <p>THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADM., AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. <u>8527</u></p> <p>DATE <u>11-10-83</u> SIGNED <u>Gary Bahler</u>  MONTICELLO AVIATION, INC. CRS-KOZ955K <u>Chief Insp</u></p>
8-30-94	Tach	29461		<p>Serviced shimmy damper &amp; checked nose gear play/nose wheel play <u>James McHort</u> AEP 504828995 IA</p>





DATE 1974	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.)
Sept. 29,	1974	Tach	3031.5 hrs.	Aircraft total time 3031.5 hrs.
				Inspected aircraft in accordance with a Universal Check List.
				Lubed and serviced aircraft per Cessna lube chart.
				Complied with recurring AD 85-20-03R2 seat rail & locks per SE 83-6.
				Complied with recurring AD 56-07-12 Bendix switch by checking
				off operation. Checked all switches, lights and radios. Replaced
				beacon lamp 12V aeroflash. Replaced ELT battery Artex P/N 00-10-009
				in Narco ELT 10 serial no 25145. Battery due Nov. 96. Replaced aircraft
				battery with Gill G-35 serial no. G 01561415. Replaced left main tire
				McFrey 6.00X6 6ply Air-Trac. Replaced air filter - P/N BA5505. Replaced
				six cowl mounts P/N T5444-14. Replaced 3" dia Scot aeroducts in
				engine compartment as needed.

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__				<p>Installed repaired muffler and #1 &amp; #3 cyl exhaust stacks by Dawley Aviation. See maintenance release tag dated 9-21-94, work order #40562. Replaced vac reg filter P/W B3-5-1. Replaced alternator/master switch P/W S1843-1 bezel &amp; P/W S1994-1-1 switch. Helinarc cracked carb heat shroud. Replaced baffle seals and fabricated new side baffle plates for engine. Repainted prop. Inspected fuel system and checked fuel strainer &amp; boost pump screens. Cleaned aircraft belly with solvent. Flight and engine instruments operational check-OK. See AD listing in folder.</p>
				<p>DATE 9-29-94 T.T. IN SERVICE 3031.5 I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Michael W. Zornich</i> IA 4395863</p>

**Maintenance Release**

The aircraft, airframe, aircraft engine, propeller or appliance identified below 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 repairs are on file at this repair station under Work Order # 40562

Dated 09-21-94

Inspected By *[Signature]*

Cert. # \_\_\_\_\_

**SERVICEABLE**

Name Iowa Wing & Rotor

Unit muffler

Aircraft Cessna 177 ID# \_\_\_\_\_

Disposition repaired

Reason For Removal \_\_\_\_\_

Removed By \_\_\_\_\_ Date \_\_\_\_\_

A D or Service \_\_\_\_\_

Bulletins \_\_\_\_\_

Work \_\_\_\_\_

Performed \_\_\_\_\_

FAA Certificate No. NJ5R069N

**DAWLEY AVIATION**

140 INDUSTRIAL DR.  
BURLINGTON, WI 53105  
1-800-338-5420

TS



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-25-95	Tach	3081.48	hrs.	<p>Serviced nose struts with fluid &amp; air. Cleaned cowling and belly with solvent. Installed repaired prop governor. See maintenance release tag dated 1-24-95 in engine log. Aircraft was returned to service.</p>

Michael W. Zornich  
ATP 419586163

DATE 1995	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.)
March 20,	1995	Tach	3091.35 hrs.	Aircraft total time 3091.35 hrs.
<p>Replaced left skin panel with new skin panel P/N 1931000-6 Material 2024-73 1025 aluminium. Reinstalled vertical fin and rudder. Torqued bolts and reconnected cables, linkages and wires. Installed fairings and prep skin with alumiprep 33 and alodine 1001. See FAA Form 337. Form submitted to FAA on Mar. 21, 1995. Aircraft was returned to service.</p>				
				<p><i>Michael W. Zernich</i> AIP 419586163</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.)
March 25, 1995			Tach 3091.65 hrs.	<p>Complied with Lycoming Mandatory Service Bulletin 518A by removing P/N 55944 S/N 4103 thermostatic bypass valve and found crimp nut to be very loose. Installed a new Vernatherm Value P/N SL53E19600 serial no 845 mfg 1Q95 Superior Air Parts, Inc. This valve is the new style with larger nut, drilled and roll pin installed. Run-up leak ck-off. Aircraft was returned to service.</p>
				<p>Michael W. Zerisch ATP 41958653</p>

DATE 195	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/8	3113.92			Performed Annual insp 1AW FAR 43 APX D. Replaced windshield, Replaced carpet, checked battery, cables & Tensions, Re-rigged Ailerons To specs. Serviced wheel bearings. Replaced brake pads on Right side. Performed MAINT Test Flight To verify Rigging.
				CW AD 8720-0SR3 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED 1AW AN ANNUAL INSP. AND FOUND TO BE IN AN AIRWORTHY CONDITION Replaced Prop <span style="float: right;">OMWIS</span> Spinner AND <span style="float: right;">APP460151333IA</span> Bulkhead.

DATE 19 <sup>85</sup>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS</b> <small>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)</small>
9/28/95				Installed REX 135 and 451 D.M.E, 337 dated 9/28/95
				<small>Install and/or removal Avionic Components</small>
				<small>As listed in Minor Alteration Form-Date 9/28/95</small>
				<small>Work Order No. 4630, on file at National Jetronics.</small>
				<small>New Aircraft Empty Weight: 1579.8</small>
				<small>New Aircraft EWCG: 104.77</small>
				<small>New Aircraft Useful Load: 938.2</small>
				<small>Signed by <i>Harold Ends</i></small>
				<small>NATIONAL JETRONICS</small>
				<small>10 TERMINAL DRIVE</small>
				<small>EAST ALTON, IL 62024</small>
				<small>FAA Approved Repair Station No. MNZR324B</small>



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 96				
May 31	Tach		3220.29	<p>The altimeter system has been tested and found to comply with FAR 91.411 in accordance with appendix E of Part 43.</p> <p>Mfr: <u>KOLLSMAN</u> Type: <u>371K-05</u>  S/N: <u>394</u> Date: <u>5-31-96</u>  Inspector: <u>Ben Schumbrich</u>  Ozark Aircraft Radio Co., Inc.  FAA Repair Station P02R090L</p>
				<p>The transponder system has been tested and found to comply with FAR 91.413 in accordance with appendix F of Part 43.</p> <p>Mfr: <u>COLLINS</u> Type: <u>TDR-950</u>  S/N: <u>2079</u> Date: <u>5-31-96</u>  Inspector: <u>Ben Schumbrich</u>  Ozark Aircraft Radio Co., Inc.  FAA Repair Station P02R090L</p>

OZARK AIRCRAFT RADIO CO  
FAA REPAIR STATION P02R090L PILOT & CO-PILOT  
DATE 5/31/96

Kollsman 371K-05 s/n 394

TEST SET	ENCODER	ALTIMETER	HST	ENCODER	ALTIMETER
-1000	-900	-1010			
0	0	-10			
500	600	500	AMB		
1000	1000	990			
1500	1600	1500	BARO	READING	DIFFERENCE
2000	2000	1995	28.10	-1420	1770
3000	3000	3000	28.50	-1080	1370
4000	4100	4000	29.00	-530	880
6000	6100	6010	29.50	-80	430
8000	8000	8015	29.92	350	0
10000	10100	10050	30.50	825	475
12000	12000	12010	30.90	1215	865
14000	14000	14015	30.99	1305	955
16000	16000	16030			
18000	18000	18015	ACFT	Cardinal	
20000	20000	20040	NH	30915	
22000			XPND	TDR-950 s/n 2079	
25000			BNC		
30000			TACH	3220.29	
35000			IATIS	30.08	
40000			TEMP	74.0 F	
45000			TESTED BY	<u>Ben Schumbrich</u>	
50000					

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.)
1/6/96				TACH TIME <u>3267</u> TOTAL TIME <u>3267</u> Installed new
				JACKED A/C, REMOVED WHEELS, CHECK <u>E.L.T. Batt - next due</u>
				BRAKES, PACK AND INSPECT BEARINGS, <u>Int 8-93 C/w</u>
				REMOVE BATTERY, CLEAN VENT, REMOVE ALL <u>FAR, 91-207d</u>
				INSPECTION COVERS, INSPECT STRUCTURE, <u>E.L.T. insp found ok</u>
				INSPECT CABLES, PULLEYS, AND FAIRLEADS, <u>5 min. Batt standard</u>
				FUNCTION CHECKED ALL CONTROL SURFACES <u>C/w A.D 87-20-03 R<sup>2</sup></u>
				LUBE AS NEEDED, CHECKED ALL LIGHTS <u>By visual insp</u>
				CONDUCT <del>RETRACT TEST</del> ON LANDING GEAR. <u>Installed Reduced DIA.</u>
				I CERTIFY THAT THIS A/C HAS BEEN <u>ANNUAL</u> <u>fuel cap KIT</u>
				INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> <u>fuel cap KIT</u>
				INSPECTION AND HAS BEEN DETERMINED TO BE <u>PN SK177-39D</u>
				IN AN AIRWORTHY CONDITION. <u>Theodore Matthes</u>

IA 20855 71

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/8/96	TACH 3267			Installed new starter contactor #1991A1, new elect fuel pump 476459, new ignition switch p/n C292501-0106 and Diode Assy 0770783-2 new mixture control p/n 93882. Installed new elevator pivot Bearing and bolt per MS2764-6 Bearing and 2ea NAS 1306-17 D BOLT Theodore Matthes #672085571
8/12/96	TACH 3267			Installed Insight GEM 602 Graphic Engine Monitor system per STC SA157NE. See FAA Form 337 dated 8-12-96. W.O. 96G024. Ozark Aircraft Radis C, Inc. CRS #02R090L Ron Schunbush

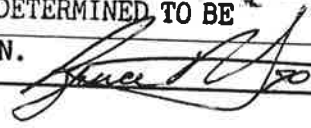
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/19/96	3299.			Installed new carb heat box p/n 1752088-1 new carb heat control cable p/n 51230-19. Engine test run and operational check OK. Theodore Matthes A&P 2085571
11/20/96	3331.			Remove original sun VISORS and install ROB. sun sun VISORS per STC SA 4964NM sun 337 this date 11/20/96 Theodore Matthes A&P 2085571
11/22/96	3331.			C/W Sab 96-2 By inspection of shoulder harness found OK in again in 100 HRS Theodore Matthes A&P 2085571

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.)
5-27-97	3389.2		3389.2	REMOVED ENGINE, O-360-A1FG, S/N L-15404-36A. INSTALLED OEM REMANUFACTURED ENGINE, O-360-A1FG S/N RL-2580736A IAW CESSNA SERVICE MANUAL. ENGINE INSTALLED USING NEW ENGINE MOUNTS, HARDWARE AND ALL HOSES AND LINES. ENGINE SERVICED WITH AEROSHELL 100 MINERAL OIL. REINSTALLED ORIGINAL PROPELLER. REPLACED ALL BRAKE LININGS WITH NEW 66-10500 LININGS. REMOVED AND REPLACED BRAKE LINE FITTING WITH NEW OEM PART 1713267 ON LEFT BRAKE. REMOVED AND REPLACED FUEL TANK DRAINS WITH NEW P/N S2020-2. REMOVED AND REPLACED BRAKE HOSE WITH NEW P/N S1810-550

CONTINUED



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.)
<u>CONTINUATION</u>				
				TACH TIME <u>3389.2</u> TOTAL TIME <u>3389.2</u>
				JACKED A/C, REMOVED WHEELS, CHECK
				BRAKES, PACK AND INSPECT BEARINGS,
				REMOVE BATTERY, CLEAN VENT, REMOVE ALL
				INSPECTION COVERS, INSPECT STRUCTURE,
				INSPECT CABLES, PULLEYS, AND FAIRLEADS,
				FUNCTION CHECKED ALL CONTROL SURFACES
				LUBE AS NEEDED. CHECKED ALL LIGHTS
				<del>CONDUCT RETRACT TEST ON LANDING GEAR.</del>
				I CERTIFY THAT THIS A/C HAS BEEN
				INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u>
				INSPECTION AND HAS BEEN DETERMINED TO BE™
				IN AN AIRWORTHY CONDITION.


  
 70 AP 167428974

DATE 1997	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.)
7/27	3444.39		55.19	Changed oil & Filter, Pulled oil Sample, Service w/ 8 qts 20w-50 & Ch 48110 Filter. Run up leak check okay. <i>AMWTS</i> <i>APP46015133</i>
2-15	3477.			REMOVED FUEL CAP ACCESS PLATES, DRILLED OFF QUICK DRAIN ATTACH PLATES. CLEANED + REASSEMBLED WITH NEW SEALANT. CLEANED OFF CORROSION AROUND LEFT <div style="text-align: right;"><i>OVER</i></div>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-15	-CONT.			LEFT QUICK DRAIN. PRIMED & PAINTED. REGLUED RT. DOOR SEAL. SERVICED NOSE STRUT WITH NITROGEN.  LM AIP352502262
12-19	-97			INSTALLED OVERHAULED ALTERNATOR PN C611501-0102 OPERATIONAL CHECK ELECTRICAL SYSTEM.  LM AIP352502262

N30915

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

Mueller Avionics Inc. CRS #QYVRO44J  
 Model # 371K-05 S/N \_\_\_\_\_  
 Altimeter and Altitude reporter tested in accordance with para. (c) Part 43app."E" for compliance with F.A.R. 91.411  
 Date 5/21/98 Signature [Signature]  
N30915

DATE .... May 21 1998 .....  
 MODEL .... T.P.R. 950 .....  
 SERIAL # ... 2079 .....  
 Transponder tested in accordance with Part 43, Appendix "F" for compliance with FAR 91.411.  
 SIGNATURE [Signature] .....  
 MUELLER AVIONICS, INC.  
 FAA REPAIR STATION #QYVRO44J N30915


Mueller Avionics, Inc., CRS#QYVRO44J				
SN #	P/N <u>371K-05</u>			
ALT. FT.	Corrected Altitude	ALT. FT.	Corrected Altitude	
1000	+10	16000	+50	
0	0	18000	+50	
500	+10	20000	+40	
1000	0	22000	<del>X</del>	
1500	0	25000		
2000	0	30000		
3000	+10	35000		
4000	+10	40000		
6000	+10	45000		
8000	+30	50000		
10000	+20	Hys 50%		+20
12000	+10	Hys 40%		+10
14000	+30	Zero		+10
Date	<u>5/21/98</u>	INSP.	<u>[Signature]</u>	

N30915  
AIRFRAME  
TACH: 3492.11

# Thunder AVIATION

DATE: 05/27/98  
S/N: 17701543

Spirit of St. Louis Airport • 18600 Edison Avenue • Chesterfield, Missouri 63005 • 314.532.9200

- 1.) COMPLIED WITH AN ANNUAL INSPECTION AND PREVENTATIVE MAINTENANCE IN ACCORDANCE WITH CESSNA 177 INSPECTION GUIDE.
- 2.) INSTALLED NEW LOWER COWL MOUNTS AND FASTENERS.
- 3.) INSTALLED A NEW AIR FILTER.
- 4.) INSTALLED NEW SPINNER BULKHEAD AND RIVETS AND PAINTED AND REINSTALLED IN ACCORDANCE WITH SERVICE MANUAL.
- 5.) INSTALLED A NEW ALTERNATOR BELT.
- 6.) INSTALLED NEW AIRCRAFT TRIM PULLEY.
- 7.) REMOVED THE STAB BEARING AND INSTALLED NEW PIVOT MOUNT BUSHING AND REINSTALLED.
- 8.) REPLACED ELT BATTERY. NEXT DUE AT JUNE 2000.
- 9.) COMPLIED WITH FAR 91.207 (D) ELT TEST.
- 10.) INSTALLED NEW VACUUM FILTERS.
- 11.) REMOVED AND OVERHAULED TACH. REINSTALLED AFTER REPAIR. (Reading 0.0)
- 12.) RUN UP AND OPERATIONS CHECKED GOOD.

I certify that this AIRFRAME has been inspected in accordance with an ANNUAL inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition.

Authorized signature: \_\_\_\_\_

ATP 332502262IA



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

**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.)

**N30915  
 AIRFRAME**

**Thunder  
 AVIATION**

DATE: 11/11/98

Spirit of St. Louis Airport • 18600 Edison Avenue • Chesterfield, Missouri 63005 • 314.532.9200

1. SECURED LOOSE INSTRUMENT PANEL & GLARESHEILD.
2. SERVICED NOSE WHEEL SHIMMY DAMPNER WITH MIL-5606-H.
3. REPLACED N.G. TORQUE LINK UPPER AND LOWER BUSHINGS AND BEARINGS WITH NEW.
4. REMOVED AND REPLACED TACH DRIVE CABLE WITH NEW, P/N: S2550-2.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.  
 Work Order Number: 97606 Signed: *James P. McSwain* AP49784515


DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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**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.)

**N30915  
 AIRFRAME**



**DATE: 12/17/98  
 TACH: 143.8**

Spirit of St. Louis Airport • 18600 Edison Avenue • Chesterfield, Missouri 63005 • 314.532.9200

1. REPAIRED WIRING TO REGULATOR. ADJUSTED ALTERNATOR BELT TENSION.
2. TIGHTENED SHIMMY DAMPNER MOUNTING BRACKET HARDWARE. REMOVED DAMPNER & INSTALLED NEW SEALS AND O-RINGS IN DAMPNER. SERVICED WITH MIL-H-5606 FLUID. REINSTALLED SHIMMY DAMPNER.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.  
 Work Order Number: 97684 Signed: [Signature] #2P494864959IA




N30915  
AIRFRAME  
ACTT: 3646

# Thunder AVIATION

DATE: 5/14/1999  
TACH: 154  
W/O#: 97861

( OF  
PAGES.)

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.
2. RECONNECTED CABIN HEAT HOSE.
3. **CW FAR 91.207(d) ELT FUNCTIONAL TEST. TESTED OKAY. BATTERY DUE REPLACEMENT JUNE 2000.**
4. TIGHTENED ELEVATOR TRIM AFT BOLT AND INSTALLED COTTER PIN.
5. REPLACED BRACKET AIR FILTER ELEMENT WITH PN BA-5705.
6. REPLACED MIXTURE CONTROL CABLE WITH PN 1777-1 AND REPOSITIONED MOUNTING BRACKET.
7. SAFETIED PROP GOVERNOR.
8. REPLACED CARBURETOR HEAT HOSE WITH PN SCAT10.
9. INSTALLED SEAT STOP HARDWARE WITH PM MS 35265-49.
10. REPLACED VACUUM FILTER WITH PN RA-D9-14-5.
11. REPLACED GROMMET IN PILOT'S YOKE WITH PN S1080-3.

**CONTINUED**

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
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ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF

19\_\_

N30915  
 AIRFRAME  
 ACTT: 3646



DATE: 5/14/1999  
 TACH: 154  
 W/O#: 97861

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

- 12. INSTALLED PRECISE FLIGHT SVS III STANDBY VACUUM SYSTEM IAW MANUAL INSTRUCTIONS AND STC SE1779NM. OPERATIONAL CHECK. FOUND SATISFACTORY. SEE FORM 337 FOR DETAILS.
- 13. REPLACED THROTTLE CABLE WITH PN MCC299505-0301.
- 14. TIGHTENED PRIMER LINE AT BULKHEAD FITTING.
- 15. REMOVED CORROSION ON NEGATIVE BATTERY CABLE.
- 16. REPAIRED AND PAINTED INSTRUMENT PANEL.
- 17. RECONNECTED AND RE-ROUTED LOOSE WIRES BEHIND INSTRUMENT PANEL.
- 18. PERFORMED ENGINE RUN-UP AND OPERATIONAL CHECK. FOUND SATISFACTORY.

*I certify that this -AIRFRAME- has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition.*

Authorized signature:

*Edgar L. Beck* AP496820592

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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N30915  
AIRCRAFT  
ACTT: 3646

**Thunder**  
**AVIATION**

DATE: 5/14/1999  
TACH: 154  
W/O#: 97861

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. PERFORMED ANNUAL INSPECTION AND PREVENTATIVE MAINTENANCE.

*I certify that this -AIRCRAFT- has been inspected in accordance with an annual inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition.*

Authorized signature:

*[Handwritten Signature]*  
AEP494864959IA


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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N30915  
AIRFRAME



DATE: 10/6/1999  
TACH: 175.3

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. SERVICED AIRCRAFT BATTERY. CHARGED AND LOAD TESTED. TESTED GOOD.
2. PERFORMED ENGINE RUN-UP AND OPERATIONAL CHECK. SATISFACTORY.

*I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.*

Work Order Number: 98145 Signed: [Signature] AJP4960820592




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.)

N30915  
AIRFRAME

**Thunder**  
**AVIATION**

DATE: 11/30/1999  
TACH: 181.10

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. REMOVED NOSE WHEEL. DISASSEMBLED WHEEL. REPLACED INNER TUBE WITH PN 302-013-300. REASSEMBLED WHEEL AND REINSTALLED. SERVICED TIRE IAW MAINTENANCE MANUAL.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.  
Work Order Number: 98250 Signed: [Signature] AKP49166498JA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS



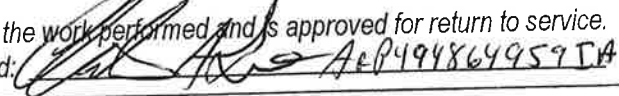
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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N30915  
AIRFRAME

**Thunder**  
**AVIATION**

DATE: 2/2/00  
TACH: 183.9

- Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600
1. DISASSEMBLED NOSE STRUT ASSEMBLY. REPLACED LOWER PISTON ASSEMBLY WITH PN 1743000-201. SEE FAA FORM 8130-3 AND YELLOW TAG FOR DETAILS. REPLACED VALVE BODY WITH PN S1827-1. INSTALLED 2 EACH NEW O'RINGS PN MS28775-220. RE-ASSEMBLED NOSE STRUT AND SERVICED STRUT IAW MAINTENANCE MANUAL..
  2. REPLACED AIRCRAFT BATTERY WITH GILL PN G-35, SN G01884817. SERVICED AND CHARGED. LOAD TEST OKAY.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.  
Work Order Number: 98324 Signed: 


**MAINTENANCE RELEASE**

**FAA REPAIR STATION #ZLZR567L**

Name J. T. EVANS Aircraft Sale Date 12-8-99

Address 2501 S. O. B. T.

City Orlando State FL Zip Code 32805

Work Order No. 1299990 Customer P.O. # Verbal

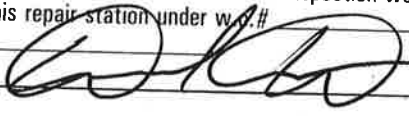
Specification Mil-STD-6866 Acceptance No CRACKS

Description Shock Strut Assy-Nose Gear LOWER Qty. 01

Manufacturer Cessna PN:174300-201 PN

This article, was inspected in accordance with current Federal Aviation Regulations and Military Specifications and is approved for return to service for the inspection work performed. Pertinent details of the repair are on file at this repair station under w.o.# 1299990 dated 12-8-99

Signed



**ACCEPTED PART**



POWER / AVIATION, INC. (407) 438-1395 • Fax (407) 438-1595



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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# Thunder AVIATION

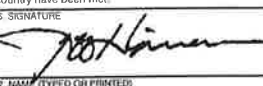
DATE: 2/22/00  
TACH: 186.76

N30915  
AIRFRAME

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600


1. REPLACED PILOT'S RUDDER PEDALS WITH PN 1460320-1.  
I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.  
Work Order Number: 98407 Signed: Chris [Signature] AA 99166448 FA

0100	186.85	Removed Sigtronics SPA-600 Intercom, Installed Flightcom 403C Intercom. See FAA Form 337 DATED THIS DATE. WEIGHT AND BALANCE updated AND Placed IN A/C Records. OZARK AIRCRAFT Radio INC. CRS-PO2R090L <u>Danny [Signature]</u>		
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1. UNITED STATES		2. <b>FAA FORM 8130-3</b> <b>AIRWORTHINESS APPROVAL TAG</b> U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. <b>D12539</b>	
4. ORGANIZATION <b>CESSNA AIRCRAFT COMPANY</b> <b>CESSNA PARTS DISTRIBUTION DEPT. 702</b> <b>5800 E. PAWNEE, WICHITA, KS 67218</b>					5. WORK ORDER, CONTRACT, OR INVOICE NUMBER <b>D0019958</b>		
6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK	
<b>0003</b>	<b>PIN</b>	<b>MS20392 2C15</b>	<b>VARIOUS</b>	<b>1</b>	<b>N/A</b>	<b>NEW</b>	
13. REMARKS <b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>							
14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/>			19. Return to Service in Accordance with FAR 43.9				
Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.				
15. SIGNATURE 		16. FAA AUTHORIZATION NO. <b>PC4</b>		20. AUTHORIZED SIGNATURE		21. CERTIFICATE NO.	
17. NAME (TYPED OR PRINTED) <b>JEFF HINMAN, DOA</b>		18. DATE <b>02/18/00</b>		22. NAME (TYPED OR PRINTED)		23. DATE	

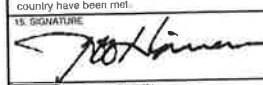
FAA Form 8130-3 (11-93)

\* (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA

1. UNITED STATES		2. <b>FAA FORM 8130-3</b> <b>AIRWORTHINESS APPROVAL TAG</b> U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. <b>D12539</b>	
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<b>0004</b>	<b>SHAFT</b>	<b>1460501 21</b>	<b>VARIOUS</b>	<b>1</b>	<b>N/A</b>	<b>NEW</b>	
13. REMARKS <b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>							
LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.							
14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/>			19. Return to Service in Accordance with FAR 43.9				
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FAA Form 8130-3 (11-93)

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<b>0002</b>	<b>SHAFT</b>	<b>1460501 17</b>	<b>VARIOUS</b>	<b>1</b>	<b>N/A</b>	<b>NEW</b>	
13. REMARKS <b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>							
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6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY *	10. QTY	11. SERIAL/BATCH NO.	12. STATUS/WORK	
0001	PEDAL	1460320 1	VARIOUS	1	N/A	NEW	
13. REMARKS <b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>							
LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.							
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0002	SHAFT	1460501 17	VARIOUS	1	N/A	NEW	
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0003	PIN	MS20392 2C15	VARIOUS	1	N/A	NEW	
13. REMARKS <b>AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL</b>							
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FAA Form 8130-3 (11-93) \* (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA

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15. SIGNATURE 			16. FAA AUTHORIZATION NO. <b>PC4</b>	20. AUTHORIZED SIGNATURE		21. CERTIFICATE NO.	
17. NAME (TYPED OR PRINTED) <b>JEFF HINMAN, DOA</b>			18. DATE <b>02/18/00</b>	22. NAME (TYPED OR PRINTED)		23. DATE	

FAA Form 8130-3 (11-93) \* (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA

FAA Forms 8130-3	<b>Airworthiness Approval Tag</b> User/Installer Responsibilities
<p>It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.</p> <p>Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>	
<p>The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents</p>	
FAA Form 8130-3 (11-93)	Instructions

DATE 20 <del>17</del>	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.)
6-5-00	203.38			<p style="text-align: right;">KOLLSMAN</p> <p>REMOVED DEFECTIVE ALTIMETER P/N 371K-05 S/N 394. REPLACED WITH FACTORY OVERHAUL EXCHANGE UNIT - KOLLSMAN P/N 371K-05 S/N 58.</p> <p style="text-align: center;"><i>Danny Walton</i></p>
				<p style="text-align: right;">OZARK AIRCRAFT RADIO</p> <p style="text-align: right;">P02R090L</p> <p>THE TRANSPONDER SYSTEM HAS BEEN TESTED AND FOUND TO COMPLY WITH FAR 91.413 IN ACCORDANCE WITH APPENDIX F, PART 43.</p> <p>MFG: <u>COLLINS</u> TYPE: <u>TDR-950</u> S/N: <u>2079</u> DATE: <u>05-30-2000</u></p> <p>INSPECTOR: <i>Danny Walton</i></p> <p>OZARK AIRCRAFT RADIO P02R090L</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.)
				<p>AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH PARAGRAPH (c), APPENDIX E, FAR 43.</p> <p>MFG: <u>RTI</u> TYPE: <u>D120-P2-T</u></p> <p>S/N: <u>40454</u> DATE: <u>06-05-2000</u></p> <p>INSPECTOR: <u>Danny Walters</u></p> <p>OZARK AIRCRAFT RADIO P02R090L</p> <p>THE INTEGRITY OF THE STATIC PRESSURE SYSTEM HAS BEEN TESTED AND FOUND TO COMPLY WITH THE REQUIREMENTS OF FAR 23.1325(b)(2)</p> <p>INSPECTOR: <u>Danny Walters</u></p> <p>OZARK AIRCRAFT RADIO P02R090L</p>

# Thunder AVIATION

DATE: 6/1/00

TACH: 199.7

W/O#: 98580

N30915

DATE

AIRFRAME

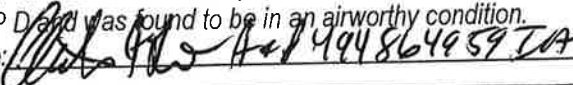
19\_\_

ACTT: 3691.7

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.
2. REPLACED ELT BATTERY WITH PN BP-1010. CW FAR 91.207(d) ELT BY FUNCTIONAL TEST. TESTED GOOD. **ELT BATTERY REPLACEMENT DUE MAR 2002. NEXT INSP DUE BY 6/2001.**
3. **CW AD99-24-10** PARA b BY INSPECTION IAW SECTION 3.3 INSTALLATION REPORT # 50050 REV 25. **NEXT INSPECTION DUE 5/2001 SHUTTLE VALVE.**
4. **CW AD87-20-03R2** SEAT TRACKS BY VISUAL AND DIMENSIONAL INSPECTION. INSPECTED OKAY. **NEXT INSPECTION DUE BY 6/2001.**
5. **CW AD00-06-01** FUEL STRAINER STANDPIPE BY VISUAL AND DIMENSIONAL INSPECTION. INSPECTED OKAY.
6. **CW AD72-03-03R1** FLAP JACK SCREW BY INSPECTION AND LUBRICATION. **NEXT INSPECTION DUE 6/2001.**
7. REPLACED AIR FILTER ELEMENT WITH BA-5705.
8. REPLACED CABIN HEAT HOSE WITH SCAT 12.
9. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.

I certify that this -AIRFRAME- has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition.

Authorized signature:  494864959 IA

N30915  
AIRCRAFT  
ACTT: 3691.7

# Thunder AVIATION

DATE: 6/1/00  
TACH: 199.7  
W/O#: 98580

OF  
(ES.)

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. PERFORMED ANNUAL INSPECTION AND PREVENTATIVE MAINTENANCE.

I certify that this -AIRCRAFT- has been inspected in accordance with an annual inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition.

Authorized signature: [Signature] A41 4948649595A

N30915  
AIRFRAME

# Thunder AVIATION

DATE: 6/14/00  
TACH:

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. REPAIRED LOWER COWLING LANDING LIGHT DOUBLER.
2. REINSTALLED LANDING LIGHT RECEPTACLE.
3. REPAIRED LANDING LIGHT WIRES. OPS CHECK OKAY.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.

Work Order Number: 98615 Signed: [Signature] A41 4948649595A



N30915  
AIRFRAME

# Thunder AVIATION

DATE: 1/10/01  
TACH: 252.7

5  
:R OF  
TRIES.)

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. SERVICED NOSE STRUT PER MAINTENANCE MANUAL.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.

See pertinent details on file Work Order Number: R20337

Signed: *Chris Bell* CRS TODR376I

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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N30915  
AIRFRAME



DATE: 2/23/01  
TACH: 264.6

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. REMOVED LH MLG WHEEL. DISASSEMBLED WHEEL. REPLACED INNER TUBE WITH 6.00X6. REASSEMBLED WHEEL AND TORQUED. SERVICED TIRE.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.  
See pertinent details on file Work Order Number: R20424

Signed: [Signature] CRS TODR3761


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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N30915  
AIRFRAME



DATE: 5/2/01  
TACH: 273.9

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. REMOVED ENGINE COWLING. REPAIRED AND REPLACED FASTENERS AS REQUIRED. REINSTALLED COWLING.
2. SERVICED TIRES WITH AIR.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.  
See pertinent details on file Work Order Number: R20559

Signed: Jerry Nelson CRS TODR3761

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.)
5/8/01				INSPECTED AIRCRAFT AND DETERMINED IT TO BE SAFE FOR FERRA FLIGHT FROM MCI TO SUS. Blair Dobbins CRS AKGR 142C.

N30915  
AIRFRAME

**Thunder**  
**AVIATION**

DATE: 5/8/01  
TACH: 280.9

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

1. VERIFIED PREVIOUS INSTALLED BRACKET AERO FILTER BA-5710 IN ACCORDANCE WITH STC SA71GL DATED APRIL 17, 1995, OR LATER FAA APPROVED REVISION. SEE FAA FORM 337 FOR DETAILS.

I certify that this aircraft is airworthy with respect to the work performed and is approved for return to service.

See pertinent details on file Work Order Number: R20568

Signed: Kevin Nambur CRS TODR3761

DATI

19

N30915

AIRFRAME

ACTT: 3773.7

**Thunder**  
**AVIATION**

DATE: 6/20/01

TACH: 281.7

W/O#: R20624

- Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600
1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.
  2. CW FAR 91.207(d) ELT BY FUNCTIONAL TEST. TESTED GOOD. **ELT BATTERY REPLACEMENT DUE MARCH 2002. NEXT INSPECTION DUE BY MARCH 2002.**
  3. REPLACED INDUCTION AIR FILTER ELEMENT WITH BA-5705.
  4. REATTACHED DOOR SEAL WITH 1300L ADHESIVE.
  5. SEALED RH WING AIR VENT HOSE.
  6. REPLACED VACUUM FILTER WITH PN B3-5-1.
  7. REPLACED INSTRUMENT AIR FILTER WITH D9-14-5.
  8. REPLACED AIR/HEAT HOSE UNDER INSTRUMENT PANEL RH SIDE WITH SCAT 4.
  9. **CW AD72-03-03R3** AMDT 39-4930 WING FLAP JACK SCREW BY INSPECTION PER SL SE70-16 SUPPLEMENT 1. CLEANED AND LUBED. INSPECTED OKAY. **NEXT INSPECTION DUE 6-2002 OR TACH: 381.7.**
  10. **CW AD87-20-03R2** AMDT 39-6669 SEAT TRACKS BY VISUAL AND DIMENSIONAL INSPECTION. INSPECTED OKAY. **NEXT INSPECTION DUE 6-2002.**

CONTINUED

## 1 YEAR LIMITED WARRANTY

**PRECISE FLIGHT, INC.**, warrants the Standby Vacuum System Kit (SVS V) for 1 year from the date of original retail purchase (installation) to be free of any manufacturing and material defects.

**PRECISE FLIGHT, INC.**, will provide the necessary parts and labor to repair the products contained in the kit at no charge to the customer for 1 year after installation.

**PRECISE FLIGHT, INC.**, will not be responsible for the installer's workmanship and/or effect on kit materials.

Warranty service shall be obtained by contacting **PRECISE FLIGHT, INC.** prior to any warranty service being performed. The product will be repaired and returned to service as soon as reasonably possible. This warranty covers normal customer use and does not cover damage which occurs in shipment or failures which result from alteration, accident, abuse, installation, aircraft misuse, improper maintenance, undue exposure to weather or corrosive environments or handling deemed improper by **PRECISE FLIGHT, INC.** **PRECISE FLIGHT, INC.**, reserves the right of continuous product development without obligation to install changes in previously manufactured products.

**NOTICE: PRECISE FLIGHT, INC.**, will not be liable for any loss, injury, or damages to persons or property resulting from defects in the kit, nor shall **PRECISE FLIGHT, INC.** be liable for direct, indirect, incidental, special, or consequential damages of any kind incurred by use of the kit, whether or not the kit shall prove to be other than as warranted. (Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.) This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

N30915  
AIRFRAME  
ACTT: 3773.7



DATE: 6/20/01  
TACH: 281.7  
W/O#: R20624

- Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600
11. CW AD99-24-10 AMDT 39-11434 PRECISE FLIGHT STANDBY VACUUM SYSTEM SVS III BY REPLACEMENT OF SHUTTLE VALVE SN 18667 AND ALTERNATE METHOD OF COMPLIANCE UPGRADING SYSTEM TO A SVS V BY SERIAL NUMBER OF SHUTTLE VALVE. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ARE CONTAINED IN PRECISE FLIGHT INSTALLATION REPORT NO. 08072, PARA 3.3. SEE FAA FORM 337 FOR DETAILS. **AD NO LONGER APPLIES. NEXT INSPECTION DUE 6-2002 AND BIENNIAL DUE 6-2003.**
  12. DISCONNECTED VACUUM PUMP SUPPLY LINE AND INSTALLED FILTER TO FACILITATE VACUUM SYSTEM TESTING. REMOVED FILTER AND RECONNECTED VACUUM PUMP SUPPLY LINE AFTER TEST FLIGHT. FILLED OUT PLACARD. OPERATIONAL CHECK SATISFACTORY.
  13. REPAIRED LH WING COURTESY LIGHT GROUND TERMINAL. OPS CHECK OKAY.
  14. REPLACED 2 EACH INSTRUMENT AIR LINES UNDER INSTRUMENT PANEL.
- CONTINUED

DETACH THIS PORTION AND KEEP  
**PRECISE STANDBY  
PRECISE STANDBY VACUUM SYSTEM (SVS V)  
OWNER'S WARRANTY RECORD**

Owner's Name \_\_\_\_\_

Address \_\_\_\_\_  
City State Zip Phone

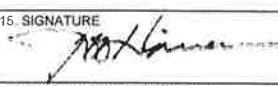
Installer's (Dealer) Name Thunder Aviation

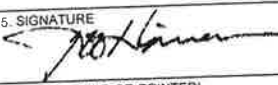
Address \_\_\_\_\_  
City State Zip Phone

Date of Purchase 13 June 01 SVS V Serial No. 18667 / 5204A

Warranty claims will not be allowed without warranty card on file.  
If assistance is needed, contact your SVS V INSTALLER (Dealer) or the **PRECISE FLIGHT, INC.** Service Department at:

**PRECISE FLITE, INC.**  
63120 Powell Butte Rd.  
Bend, Oregon 97701  
(541) 382-8684 or (800) 547-2558

1. UNITED STATES		<b>FAA FORM 8130-3</b> <b>AIRWORTHINESS APPROVAL TAG</b> U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. <b>112180</b>	
4. ORGANIZATION <b>CESSNA AIRCRAFT COMPANY</b> <b>CESSNA PARTS DISTRIBUTION DEPT. 702</b> <b>5800 E PAWNEE, WICHITA, KS 67218</b>					5. WORK ORDER, CONTRACT, OR INVOICE NUMBER <b>66184</b>		
6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY*	10. QTY	11. SERIAL/BATCH NO.	12. STATUS/WORK	
1	FAIRING	0741641-14	TBV BY INT STALLER	1	N/A	New	
13. REMARKS <b>AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.</b> <p style="text-align: center;"><b>PO# 9225</b></p>							
LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLE/TIME SINCE NEW.							
14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/>			19. Return to Service in Accordance with FAR 43.9				
<small>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.</small> <small>NOTE: In case of parts to be exported, the special requirements of the importing country have been met.</small>			<small>Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.</small>				
15. SIGNATURE 		16. FAA AUTHORIZATION NO. <b>PC4</b>	20. AUTHORIZED SIGNATURE		21. CERTIFICATE NO.		
17. NAME (TYPED OR PRINTED) <b>JEFF HINMAN, DOA</b>		18. DATE <b>06/19/2001</b>	22. NAME (TYPE OR PRINTED)		23. DATE		
FAA FORM 8130-3 (11/93) * (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.							

1. UNITED STATES		<b>FAA FORM 8130-3</b> <b>AIRWORTHINESS APPROVAL TAG</b> U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. <b>112180</b>	
4. ORGANIZATION <b>CESSNA AIRCRAFT COMPANY</b> <b>CESSNA PARTS DISTRIBUTION DEPT. 702</b> <b>5800 E PAWNEE, WICHITA, KS 67218</b>					5. WORK ORDER, CONTRACT, OR INVOICE NUMBER <b>66184</b>		
6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY*	10. QTY	11. SERIAL/BATCH NO.	12. STATUS/WORK	
2	FAIRING	0741641-15	TBV BY INT STALLER	1	N/A	New	
13. REMARKS <b>AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.</b> <p style="text-align: center;"><b>PO# 9225</b></p>							
LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLE/TIME SINCE NEW.							
14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/>			19. Return to Service in Accordance with FAR 43.9				
<small>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.</small> <small>NOTE: In case of parts to be exported, the special requirements of the importing country have been met.</small>			<small>Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.</small>				
15. SIGNATURE 		16. FAA AUTHORIZATION NO. <b>PC4</b>	20. AUTHORIZED SIGNATURE <b>30195</b>		21. CERTIFICATE NO.		
17. NAME (TYPED OR PRINTED) <b>JEFF HINMAN, DOA</b>		18. DATE <b>06/19/2001</b>	22. NAME (TYPE OR PRINTED)		23. DATE		
FAA FORM 8130-3 (11/93) * (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.							

**Airworthiness Approval Tag**  
User/Installer Responsibilities

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

Where the user/installer 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 ensure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

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

The FAA Form 8130-3 and the A Form One are approved. Other countries such as Canada and Mexico also accept this document.

FAA Form 8130-3 (11/03)

Instructions

**Airworthiness Approval Tag**  
User/Installer Responsibilities

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

Where the user/installer 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 ensure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

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

The FAA Form 8130-3 and the A Form One are approved. Other countries such as Canada and Mexico also accept this document.

FAA Form 8130-3 (11/03)

Instructions

N30915  
AIRFRAME  
ACTT: 3773.7

# Thunder AVIATION

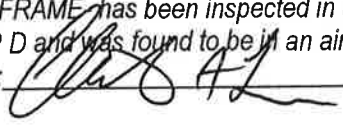
DATE: 6/20/01  
TACH: 281.7  
W/O#: R20624

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 314.532.5600

- 15. REMOVED NOSE WHEEL AND MLG SPEED FAIRINGS AND WHEELS. REMOVED BRAKE CALIPERS AND AXLES. REMOVED SPEED FAIRING MOUNTING BRACKETS. INSTALLED NEWER STYLE NOSE SPEED FAIRING WITH PN 0543079-8. INSTALLED NEWER STYLE MLG SPEED FAIRING MOUNTING BRACKET LH PN 0741049-9 AND RH PN 0741049-10. INSTALLED NEWER STYLE SPEED FAIRINGS LH PN 0741641-15 AND RH PN 0741641-14. PAINTED FAIRINGS TO MATCH AIRCRAFT. REINSTALLED AXLES, WHEELS AND BRAKE CALIPERS. ALL WORK PERFORMED IAW MANUFACTURER'S MAINTENANCE MANUAL.
- 16. PERFORMED RETRACTION TEST, EMERGENCY MANUAL EXTENSION, AND LEAK CHECK. SATISFACTORY.
- 17. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.

*I certify that this AIRFRAME has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition. See pertinent details on file.*

Authorized signature:



CRS TODR376I



DATE 19  
A. D. NUMBER  
TOTAL TIME IN SERVICE

**AIRWORTHINESS DIRECTIVES**  
**CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.**

F 040 08/27/01 Rev(1)

Aero Charter, Inc.  
501 Turbine Avenue  
Chesterfield, MO 63005  
CRS# DGCR175D



Date 5/31/02 ACTT: 339.58 LDGS N/R

The integrity of the static pressure system(s) has been tested and found to comply with the requirements of FAR 23.1325 (b)(2).

Pertinent details are on file at this Repair Station under, Form AF 041 08/27/01 Rev(1)

Aero Charter, Inc.  
501 Turbine Avenue  
Chesterfield, MO 63005  
CRS# DGCR175D

Work Order No. 02175 Inspector Mat Buehl



Date 5/31/02 ACTT: 339.58 LDGS N/R

The transponder system(s) has been tested and found to comply with FAR 91.413 in accordance with appendix F of FAR 43.

#1 Mfr/Model: Collins TDR-950 S/N 2079

#2 Mfr/Model: N/A S/N N/A

Pertinent details are on file at this Repair Station under.

Work Order No. 02175 Inspector Mat Buehl

Form AF048 08/27/01 Rev(1)		Aero Charter, Inc. 501 Turbine Avenue Chesterfield, MO 63005 CRS# DGCR175D		Pilot <u>X</u> Co-Pilot <u>W.O. 02175</u>	
TEST SET	ENCODER	ALTIMETER	HYST	ENCODER	ALTIMETER
-1000	-900	-1020	50%	0	20'
0	-100	-20	40%	0	20'
500	600	480	AMB	0	10'
1000	1100	980	BAR	READING	DIFFERENCE
1500	1600	1480	28.10	-1240	7
2000	2100	1980	28.50	-860	0
3000	3100	3000	29.00	-380	3
4000	4100	3980	29.50	100	12
6000	6100	6000	29.92	480	0
8000	7900	8000	30.50	1030	19
10000	9900	9970	30.90	1360	13
12000	11900	11950	30.99	1440	14
14000	13900	13920	ACFT	CRS#	ORIGINAL
16000	15900	15900	N#S/N	N30915	17701543
18000	17900	17900	XPDR	TDR-950	601445
20000	19900	19900	S/N	2079	
22000			ENC	TCE	2120-P2-T
25000			S/N		40454
30000			ALT	TCE	3120-P2-T
35000			S/N		40454
40000			ACTT		339.58
45000			BARO		29.85
50000			TEMP		31° C

Date 5/31/02

Repairman Mat Buehl

DATE

A. D. NUMBER

TOTAL TIME IN SERVICE

19

Form AF 043 08/27/01 Rev(1)



**AIRWORTHINESS DIRECTIVES**  
**CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.**

Aero Charter, Inc.  
501 Turbine Avenue  
Chesterfield, MO 63005  
CRS# DGCR175D

Date 5/31/02 ACTT: 339.58 LDGS N/R

The altimeter system(s) has been tested and found to comply with FAR 91.411 in accordance with appendix E of FAR43.

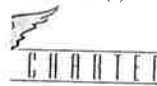
#1 Alt. Type: TGI D120-P2-T S/N: 40454

#2 Alt. Type: N/A S/N: N/A

Pertinent details are on file at this Repair Station under.

Work Order No. 02175 Inspector [Signature]


18/27/01 Rev(1)



Aero Charter, Inc.  
501 Turbine Avenue  
Chesterfield, MO 63005  
CRS# DGCR175D

Date 5/31/02 ACTT: 339.58 LDGS N/R

The automatic pressure altitude reporting equipment has been tested & found to comply with paragraph (c), appendix E of FAR43

#1 Mfr/Model: TGI D120-P2-T S/N: 40454

#2 Mfr/Model: N/A S/N: N/A

Pertinent details are on file at this Repair Station under.

Work Order No. 02175 Inspector [Signature]

N30915  
AIRFRAME  
ACTT: 3831.9

**Thunder**  
**AVIATION**

DATE: 6/12/02  
TACH: 339.9  
W/O#: R614

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 636.532.5600

1. PERFORMED 100 HOUR INSPECTION AND PREVENTATIVE MAINTENANCE.
2. REPLACED ELT BATTERY WITH BP-1010. CW FAR 91.207(d) ELT BY FUNCTIONAL TEST. TESTED GOOD. **ELT BATTERY REPLACEMENT DUE JULY 2004. NEXT INSP DUE 6-2003.**
3. REMOVED ELECTROSYSTEM ALTERNATOR PN DOFF10300, SN A74770. INSTALLED ALTERNATOR PN DOFF10300JR, SN C041128 OVERHAULED BY ELECTROSYSTEMS, INC. SEE FAA FORM 8130-3 FOR DETAILS. ADJUSTED BELT TENSION.
4. REATTACHED PASSENGER DOOR SEAL.
5. REPOSITION STARTER CABLE.
6. REPLACED AIR INDUCTION FILTER WITH PN BA5705.
7. TIGHTENED THROTTLE BOLT AND COTTER PINNED.
8. REPOSITIONED AND SECURED WIRES UNDER INSTRUMENT PANEL.
9. REPLACED VACUUM FILTER PN B3-5-1.
10. REMOVED LH MLG WHEEL. REPLACED TIRE WITH PN 606C66-8. SERVICED TIRE TO 35PSI AND REINSTALLED WHEEL.

CONTINUED

6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY	11. SERIAL/BATCH NO.	12. STATUS/WORK
1	ALTERNATOR ***** END *****	DOFF103001 MOD/NO	TBV BY INSTALLER *****	1	C041128	OVERHAUL

13. REMARKS  
 A COPY OF WORK ORDER AVAILABLE ON REQUEST FROM ELECTROSYSTEMS, INC.  
 CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH FAR 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER JAA ACCEPTANCE CERTIFICATE NUMBER: JAA 4418 APPROVED FOR EXPORT  
 THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINTS IDENTIFIED AS MOD/NO AND ORIG. MFG COMPLIES WITH PPS-9001 LATEST REVISION  
 NOTE: THE FAA-PMA SHOWN ON THE DATA PLATE ONLY REPRESENTS FAA APPROVAL OF THE REPLACEMENT DATA PLATE OVERHAULED PER CESSNA MANUAL # D5107-1-13, REV 1.

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

14. NEW NEWLY OVERHAULED  
 Certification that the part is newly overhauled, properly identified above, except for 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: \_\_\_\_\_ 19. Return to Service in Accordance with FAR 43.9   
 17. NAME (typed or printed) \_\_\_\_\_ 18. DATE \_\_\_\_\_ 20. Authorized Signature: *Stacy Tolliver*  
 21. Certificate Number: UT2R226L  
 22. Name (typed or printed): STACY TOLLIVER 23. DATE 4/09/02

USER/INSTALLER RESPONSIBILITIES  
 It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.  
 Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.  
 Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.  
 The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.  
 FAA Form 8130-3 Optional, installer must cross check eligibility with applicable technical data. EIS CODE: 00315

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N30915

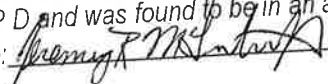
AIRFRAME

ACTT: 3831.9

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11. CW AD 72-03-03R3 WING FLAPJACK SCREW BY INSPECTION AND LUBRICATION. NEXT INSPECTION DUE 6-2003 OR TACH: 439.9.
12. CW AD 87-20-03R2 SEAT TRACKS BY VISUAL AND DIMENSIONAL INSPECTION. NEXT INSPECTION DUE 6-2003.
13. CW INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ON PRECISE FLIGHT SVS V IAW PRECISE FLIGHT INSTALLATION REPORT # 08072 ANNUAL INSPECTION PARA 3.3.1. NEXT ANNUAL INSPECTION DUE 6-2003.
14. PERFORMED RETRACTION TEST, EMERGENCY MANUAL EXTENSION, AND LEAK CHECK. SATISFACTORY.
15. PERFORMED ENGINE RUN-UP, LEAK CHECK AND OPERATIONAL CHECK. SATISFACTORY.

I certify that this -AIRFRAME- has been inspected in accordance with a 100hr. inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition. See pertinent details on file.

Authorized signature:  CRS T0DR3761

N30915  
AIRCRAFT  
ACTT:3831.9

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DATE: 6/12/02  
TACH: 339.9  
W/O#: R614

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1. PERFORMED ANNUAL INSPECTION.

I certify that this -AIRCRAFT-- has been inspected in accordance with an annual inspection per the scope and detail of FAR 43 APP D and was found to be in an airworthy condition. See pertinent details on file.

Authorized signature: Jeremy R. McLaughlin CRS T0DR3761

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# SPENCER AVIONICS, INC.

WORK ORDER No 013824

SPENCER AVIONICS, INC.  
Municipal Airport Spencer, Iowa 51301  
Phone 712-262-2364

Work to be performed for:

Name Montreuil Aviation, Inc Date 10-18-93  
Address P.O. Box 168, Munroe, IA 50801  
City Munroe State Iowa Zip 52330

Certificated Repair Station  
Number KU2R965K

Notify by:  Card  Phone  I will pick up  
Telephone No. ( 319 ) 712 - 465 - 5488 Day Day  
Telephone No. ( ) - - - - - Night  
Aircraft Type Cessna 177B N 30915

This work order contains information concerning repair or modification to an airframe or accessory and should be retained in the permanent aircraft records.

This Labor and Material is ordered by me, for which I have authority to order, to be listed at your regular prices. I agree to pay cash when the work is completed, or on satisfactory terms to you; and until paid in full, it shall constitute a lien on this air-plane or accessory. If collection is made by suit or otherwise, I agree to pay interest until paid, also collection costs including a reasonable attorney's fee and waives all rights to claim exemption under State laws. I further agree that you will not be held responsible for plane or articles left in plane in case of loss by fire, theft, accident or other causes beyond your control. Full permission is given to take plane for test flight by a certificated pilot if you consider it necessary. My plane is flown by your pilot at my own risk.

Authorized by \_\_\_\_\_

Problem Reported: QADT-650 in work on receiving signal by VHF-251 has lowest and 1 inch digit displays also when frequency is recalled the last 2 digits are No. 4 Unit ANT-650A

Description of work accomplished: <u>Hidden Damage was repaired Pre-inspection with</u>	No. 1 Unit <u>VHF-251</u>	No. 2 Unit <u>IND-650</u>	No. 3 Unit <u>RCR-650</u>	No. 4 Unit <u>ANT-650A</u>
	S/n <u>2659</u>	S/n <u>1712</u>	S/n <u>1726</u>	S/n <u>2431</u>

A) COLLINS RCR-650/IND-650/ANT-650A ADF SYSTEM - ADF system was bench tested and found that when unit is cold their was an intermittent oscillation/square wave noise in audio output causing erratic and inaccurate pointing. This problem would go away when unit at normal room temperature. Traced problem to defective A2 Sample and Hold Module Assembly. Ordered out and replaced this non-repairable assembly with new. Re-aligned and re-calibrated ADF system for best performance. Units then bench tested - OK.

B) COLLINS VHF-251 COM TRANSMITTER - bench test showed one display digit inop and two other display digits were weak and dim. Replaced all three ABDS3, ABDS4, and ABDS5 displays with new. Verified also that 100 KHz digit (ABDS4) does not come back with proper display frequency digit when a previous frequency is recalled from storage. Problem was traced to '4' bit output of ATU2 IC always being a logic '1'. Replaced ATU2 with new to fix this problem. Also installed Service Bulletin #17 modification kit to fix possior com transmitter audio gating problems per Collins factory recommendations. This unit then bench tested - OK. Also repaired Swk Gary that was missin mass The appliance or aircraft identified above was repaired and inspected in accordance with current FAR's and is approved for return to service.

Date 10-26-93 Signed William R. Reim for SPENCER AVIONICS, FAA Repair Station - KU2R965K.