



AIRFRAME MAINTENANCE RECORD

N52908

BOOK 3

AIRCRAFT SERIAL AND REGISTRATION N 52908

RECORD NUMBER _____

D5517-1-13

#3


INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

Note: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the appropriate Engine/Propeller/Avionics Maintenance Record.

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MAINTENANCE RECORD

| DATE | TOTAL TIME IN SERVICE | | DESCRIPTION OF THE WORK PERFORMED | AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER |
|-----------------|-----------------------|-------|---|--|
| | HOURS | 10ths | | |
| Aug 24 19 92 | | | Bottom Hydraulic Power Pack hydraulic line repaired, Hyd Power Pack serviced MIL H 5606, RETRACTION TEST CRANKED OUT & CHECK FOR LEAKS. OK. | SOUTHERN AVIATION LTD. The maintenance described above has been performed in accordance with the applicable standards of airworthiness. |
| | | | |  17-243928 |
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MAINTENANCE RECORD

| DATE | TOT IN S | PAGE 2 OF 2 N# 52908 | AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER |
|------|-------------|--|---|
| 19__ | HOUR | | |
| | | 14. Removed, bench checked, and reinstalled NAV/COM Transceiver p/n 069-1024-05 s/n 45158. Ops check completed. | |
| | | 15. Replaced left flap chaff button with new. | |
| | | 16. Removed, cleaned corrosion, and reinstalled elevator trim push rod. | |
| | | 17. Aligned pilot's seat adjusting bars. | |
| | | 18. Cleaned corrosion from under battery box. | |
| | | 19. Serviced battery as required. | |
| | | -END- | |
| | | The aircraft identified on this form was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and only that work performed is approved for return to service. Pertinent details of this repair are on file at this repair station under: | |
| | | WORK ORDER # 8469 DATE 2/03/93 SIGNED <u><i>[Signature]</i></u> | |
| | | KAL-AERO, INC. 5605 PORTAGE RD. KALAMAZOO, MI. 49002 CRS # EBVD450D | |
| | | | |
| | | | |

MAINTENANCE RECORD

KAL-AERO, INC. AIRFRAME LOGBOOK ENTRY

| | | | |
|---------------------------|-------------------------------------|----------------------|-----------------|
| N# <u>52908</u> | MAKE <u>Cessna</u> | MODEL <u>C-177RG</u> | S/N <u>1306</u> |
| PAGE <u>1</u> OF <u>2</u> | HABBS <u>Tach 2230.8</u> | TTAC <u>2230.8</u> | LAG |

AUTHORIZED SIGNATURE
CERTIFICATE TYPE
& NUMBER

| | |
|------|-----------------|
| DATE | TOTAL IN SER |
| 19__ | HOURS |

1. Complied with an Annual inspection in accordance with the Cessna C-177RG Service Manual and Inspection Guide.
2. Complied with AD 87-20-03 Rev.2 dated 9/24/90 Seat Rail Inspection, no defects noted at this time, next inspection due at 2330.8 Tach time.
3. AD 93-05-06 dated 4/29/93 ACS/Gerdes Ignition Switch inspection and lubrication was done previously on 5/4/91 at tach time of 1919.0. Next lubrication is due at 3919.0.
4. Installed a new ELT battery, ops check complete, battery due date August 1995.
5. Removed altimeter part #C661071-0101 serial #L767-5 and installed an overhauled altimeter part #5934P-1A.83 serial #3J391. Leak check complete. (See 91-411 and 91-413 entry).
6. Installed a new EGT probe part #86255, ops check ok.

(Continued on next page)

MAINTENANCE RECORD

KAL-AERO, INC. AIRFRAME LOGBOOK ENTRY

NH 52908 MAKE Cessna MODEL C-177RG S/N 1306
 PAGE 1 OF 1 HOURS Tach 2230.8 TTAC 2230.8 ~~LB~~

AUTHORIZED SIGNATURE
 CERTIFICATE TYPE
 & NUMBER

I certify that the Altimeter and Static System tests required by FAR Part 91.411 and the ATC Transponder tests required by FAR Part 91.413 have been performed in accordance with FAR Part 43 Appendices E and F.

LH Static System Test Date 1/2/94 RH Static System Test Date N/A
 Left Altimeter S/N 3J391 Date 11/15/93 Tested to 20,000 Ft.
 Right Altimeter S/N N/A Date N/A Tested to N/A Ft.
 Air Data Computer S/N N/A Date N/A Tested to N/A Ft.

Transponder Manufacturer ARC

#1: Model RT359A S/N 15690 Date 1/2/94
 #2: Model N/A S/N N/A Date N/A

Ramp Tester Model ATC-600A S/N 169

Signature *Timothy E. McJ...*

-END-

The aircraft identified on this form was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and only that work performed is approved for return to service. Pertinent details of this repair are on file at this repair station under:

WORK ORDER # 11538 DATE 1-2-94 SIGNED *Dennis Van St...*

KAL-AERO, INC. 5605 PORTAGE RD. KALAMAZOO, MI. 49002 CRS # EBVD450D

MAINTENANCE RECORD

PAGE 2 OF 2 N# 52908

AUTHORIZED SIGNATURE
CERTIFICATE TYPE
& NUMBER

- | DATE | TOTAL TIME IN SERVICE | | |
|------|-----------------------|-----|--|
| 19__ | HOURS | 10t | |
| | | | 9. Repaired the cross-over exhaust heat shield and re-installed. |
| | | | 10. Installed a new hinge pin in the right nose gear door, part #204322-1. Ops check complete. |
| | | | 11. Lubricated all cabin heat controls, ops check ok. |
| | | | 12. Added 1 shim to the nose gear torque and resaftied. |
| | | | 13. Repaired broken bracket for the landing light wire in the lower engine cowl. |
| | | | 14. Repaired the left cowl flap hinge by replacing hinge with new, part # MS20257-3. Ops check complete. |
| | | | 15. Replaced the broken bracket on the left side of engine cowl by manufacturing a new bracket out of 2024 T3 .032 aluminum. Etched, alodined and installed bracket onto cowl using AD 426-4 rivets. |

-----End-----

-END-

The aircraft identified on this form was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and only that work performed is approved for return to service. Pertinent details of this repair are on file at this repair station under:

WORK ORDER # 14642 DATE 12-16-94 SIGNED Dennis Jan Steen
 KAL-AERO, INC. 5605 PORTAGE RD. KALAMAZOO, MI. 49002 CRS # EBVD450D

MAINTENANCE RECORD

| DATE | TOTAL TIME IN SERVICE | | DESCRIPTION OF THE WORK PERFORMED | AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER |
|---------|-----------------------|-------|--|---|
| | 19__ | HOURS | | |
| 12/4/95 | 2382 | 3 | <p style="text-align: right; margin-right: 50px;">DATE <u>12/4/95</u> TACH. <u>23823</u> T.T. <u>23823</u></p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.</p> | |
| | | | <p>CLEANED CORROSION OFF TOP OF HORIZONTAL STABILIZERS AND BOTTOM OF BOTH WINGS TREATED AND PAINTED</p> <p>SIGNED <u>Ralph Michalko</u> A&P (IA) <u>1343891</u></p> | |
| | | | <p>BARE SPOTS. SERVICED NOSE GEAR STRUT. REPLACED ELT. BATTERY, CHECKED OPERATION</p> | |
| | | | <p>ELT. BATTERY DUE DEC. 97 REPLACED BUSHINGS IN FWD. NOSE GEAR DOOR</p> | |
| | | | <p>C/W AD. 97-20-02 R22 9/24/90 BY INSPECT AND TEST OF SEATS AND TRACKS. CHECK GOOD, DUE NEXT ANNUAL</p> <p style="text-align: right;"><u>Ralph Michalko</u> A&P 1343891</p> | |

MAINTENANCE RECORD

| DATE 19__ | TOTAL TIME IN SERVICE | | DESCRIPTION OF THE WORK PERFORMED | AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER |
|--------------|--------------------------|-------|---|--|
| | HOURS | 10ths | | |
| 8-9-46 | TRCH: 2427.2 | | REPLACED AIR INDUCTION FILTER - P/N AM107635FP. NEXT DUE @ 2927.2. C/W A.D. 86-24-07 BY THE INSTALLATION OF AN 310-3 CASTLE NUT AND M# 24665-1SI COTTER PIN ON THROTTLE CONTROL ROD END - OPS CHECK OK. LUBRICATED STARTER BENDIX WITH LPS HEAVY DUTY SILICOW SPRAY. -RWD <i>[Signature]</i> DEB A HOWIG AP 1174869102A. | |
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MAINTENANCE RECORD

| DATE 19__ | TOTAL TIME IN SERVICE | | DESCRIPTION OF THE WORK PERFORMED | AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER |
|--------------|--------------------------|-------|--|--|
| | HOURS | 10ths | | |
| | | | <p>DATE <u>8/1/96</u> TACH. <u>2439.5</u> T.T. <u>2439.5</u></p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN</p> <p>ACCORDANCE WITH <u>Annex 1</u></p> <p>INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.</p> <p>SIGNED <u>Ralph Michael</u></p> <p>A&P-IA. <u>1343891</u></p> | |
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MAINTENANCE RECORD

| DATE | TOTAL TIME IN SERVICE | | DESCRIPTION OF THE WORK PERFORMED | AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER |
|---------|-----------------------|-------|--|--|
| | 19__ | HOURS | | |
| 4/11/97 | | | Tach 2546.3 Removed all inspection covers and inspected all cables and pulleys. Completed all services items c/w AID 87-20-02 R2 By inspection and test of seats and tracks checked good. Due at next Annual. Removed and install New Gill Battery P/N 242 c/w FAR 91-207 on ELT Battery checked good. New Batteries installed date Nov 1999. | |
| | | | DATE <u>4/11/97</u> TACH. <u>2546.3</u> T.T. <u>2546.3</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. | |
| | | | SIGNED <u>Ralph Michalko</u> A & P (IA) <u>134389</u> | |

MAINTENANCE RECORD

| DATE 19__ | TOTAL TIME IN SERVICE | |
|--------------|--------------------------|-------|
| | HOURS | 10ths |
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DESCRIPTION OF THE WORK PERFORMED

AUTHORIZED SIGNATURE
CERTIFICATE TYPE
& NUMBER

10/30/98 Tach 2630.9

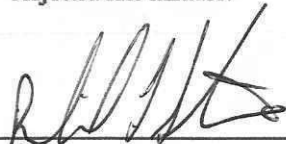
Removed Hydraulic pump pressure line
and Installed New Line P/N 2080117-30.
cycle Landing gear many times ops check
good.

Jim McMiller A/P 38076576

MAINTENANCE RECORD

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|-------|-----------------------|-------|--|---|
| | HOURS | 10ths | | |
| 19 89 | | | | |
| 10/6 | 2666.0 | | <p>Performed 100 hr inspection ELT battery due in october 2000 removed all wheels + brakes for inspection cleared + greased bearings, brakes look good reinstalled wheels + bands checked ok for gear swing, seat tracks look good I certify this ok has been inspected IAW a 100 hr inspection and was found to be airworthy at this time</p> <p style="text-align: center;">Ray McCh 250231547 A&P</p> | |
| 10/6 | 2666.0 | | <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I.A.W AN ANNUAL INSPECTION & ALL ADS HAVE BEEN COMPLIED WITH AND WAS FOUND TO BE IN AN AIRCRAFT CONDITION AT THIS TIME.</p> | <p>Ray McCh 214980143 IA</p> |
| | | | | |

MAINTENANCE RECORD

| DATE | TOTAL TIME IN SERVICE | | DESCRIPTION OF THE WORK PERFORMED | AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER |
|------|-----------------------|-------|---|---|
| 19__ | HOURS | 10ths | | |
| | | | <p>Sawyer Aviation R.S. EIPR553D 2602 E. Sky Harbor Blvd. Phoenix, AZ 85034 (602) 273-3786</p> | |
| | | | <p><u>11-20-99 W.O. #53865 N52908 CESSNA 177RG S/N 177-1306 TT: 2699.0</u></p> <ol style="list-style-type: none"> 1. Installed new down limit switch flap handle, P/N S1906-1, adjusted. 2. Installed new tire, left main. 3. Installed new taxi lamp. 4. Installed new inverter, P/N C613001-0101, for electro-luminescent panel lights. 5. Installed new bearing and race, left wheel, and new brake disc, P/N 164-30615-1. 6. Adjusted idle mixture. | |
| | | |  <hr style="width: 100%;"/> Signature | |
| | | | 11/20/99 <hr style="width: 100%;"/> Date | |

MAINTENANCE RECORD

| DATE | TOTAL TIME IN SERVICE | | DESCRIPTION OF THE WORK PERFORMED | AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER |
|------|-----------------------|-------|-----------------------------------|---|
| | HOURS | 10ths | | |
| 19__ | | | | |

FLIGHT TRAILS HELICOPTERS, INC.
4805 E. FALCON DR. MESA, AZ. 85215 REPAIR STATION NO. IL3R583L
PHONE: 602-396-8242 FAX: 602-807-8285

MAKE: CESSNA MODEL: 177RG SN: 177RG1306 REG. NO.: N52908 TACH: 8744.2

Removed RNAV R-50i Loran system w/CDI, Cessna Audio, Marker, ADF and Transponder systems and King KX-155 NAV/COM w/KI-208 Course Indicator and KA-25 Audio Amp.

Installed: Garmin GMA 340 Audio/Marker/Intercom, GNS 430 NAV/COM/GPS w/GI-106A Course Indicator and GTX 327 Transponder. Equipment List, Weight and Balance revised. FAA Form 337 filed. GPS LIMITED TO VFR USE ONLY.

Removed, tested and/or repaired and reinstalled United Altimeter PN 5934P-1 SN 3J391 and ACK Model A-30 Altitude Encoder, Bendix/King KX-155 SN 45158, CA-395A Autopilot Computer. Replaced EGC Turn Coordinator w/overhauled unit SN 4-779-501. Replaced CHT Spark plug adaptor for engine analyzer with correct adaptor. Moved Fuel Flow form right to left instrument panel and replaced transducer wiring.

I certify the Altimeter, Static and ATC Transponder System tests and inspections required by Far 91.411 and 91.413 have been performed IAW FAR 43 App. E & F to 20,000 ft.

Transponder Make: **Garmin** Model: **GTX-327**

The aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected IAW current FAA regulations and is approved for return to service.

Date: 09/28/00 WO# 6508

Signed:



Repairman: 2453567

MAINTENANCE RECORD

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|------|-----------------------|-----------------------------------|
| DATE | TOTAL TIME IN SERVICE | DESCRIPTION OF THE WORK PERFORMED |
| 19__ | HO | |

SCALE CORRECTION 5934P-1

| Altimeter Reads | ADD Algebraically | |
|-----------------|-------------------|-------------|
| | Room C' Temp | Low C' Temp |
| -1000 | +10 | |
| 0 | +10 | |
| 500 | 0 | |
| 1000 | 0 | |
| 1500 | 0 | |
| 2000 | -10 | |
| 3000 | -5 | |
| 4000 | 0 | |
| 6000 | +10 | |
| 8000 | +20 | |
| 10000 | +20 | |
| 12000 | +35 | |

TESTED BY *OK*

ALTIMETER SN 3J391

| Altimeter Reads | ADD Algebraically | |
|-----------------|-------------------|-------------|
| | Room C' Temp | Low C' Temp |
| 14000 | +30 | |
| 16000 | +10 | |
| 18000 | +50 | |
| 20000 | +45 | |
| 22000 | | |
| 25000 | | |
| 30000 | | |
| 35000 | | |
| 40000 | | |
| 45000 | | |
| 50000 | | |

DATE SEP 14 2000

MAINTENANCE RELEASE

FLIGHT TRAILS HELICOPTERS, INC. REPAIR STATION NO. L3R589L

COMPONENT ALTIMETER S/N 3J391

PART/MODEL NO 5934P-1

O/H _____ Repair _____ * Test _____ New _____ Insp. _____

The Aircraft Appliance Identified Above Was Repaired And Inspected In Accordance With Current FAA Regulations And Is Approved For Return to Service. Details

on File W.O. 6508 Date SEP 14 2000

Authorized Signature *[Signature]*

SIGNATURE
DATE TYPE
NUMBER

MAINTENANCE RECORD

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

| DATE | TOTAL TIME IN SERVICE | |
|------|-----------------------|-------|
| | HOURS | 10ths |

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| 19__ | | |
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Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N 52908 Date: May 3, 2001

**Model # Cessna 177RG S/N 177RG1306
ACTT1429.5LNG.**

AIRFRAME LOG ENTRY

Installed a new baggage compartment door latch assembly p/n S1359-9, operational check was good. Installed a new landing & taxi light bulbs p/n GE 4591. Pulled right door panel off, lubricated door handle and reinstalled panel. Removed both sun visors and added a piece of rubber to each one. Installed visors not loose now. Cleaned old hydraulic fluid off belly, in wheel wells and under floor boards. No leaks noted at this time.

Removed propeller and reinstalled after repair, model 2D34C207A s/n 810072.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. M.O. 17805

Michael J. Meyer

CORPORATE JETS, INC.

FAA CRS# LN3R663L

MAINTENANCE RECORD

| DATE | TOTAL TIME IN SERVICE | | DESCRIPTION OF THE WORK PERFORMED | AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER |
|------|-----------------------|-------|--|---|
| 19__ | HOURS | 10ths | | |
| | Nov. 1, 2001 | | <p style="font-size: 2em; margin: 0;">N52908</p> <p style="margin: 10px 0;">Completed annual inspection this date. Opened airframe for inspection of systems and lubrication of all pivot points. Checked operation and condition of ELT per FAR91.207(d). Replaced central vacuum filter and relief valve filter. Serviced battery & brake reservoirs. Replaced all hinges, bearings, spacers and clevis pins in forward nose gear door. Retract tested landing gear and emergency extension system. Inspected seats and seat tracks per AD 87-20-03 and found with limits. Inspected fuel injector lines per AD 93-02-05 and found no defects. Verified operation of magneto switch per AD76-07-02. Verified that the following ADs do <u>NOT</u> apply to this aircraft: 2001-10-09 Honeywell KC225 autopilot not installed and 2001-14-51 UPS Tech/Apollo nav not installed. All other AD's check current at this time. I certify that I have inspected this aircraft in accordance with an annual inspection and find it to be in airworthy condition at this time.</p> | |
| | Tach: 2837.8 | | | |
| | TTAF: 2837.8 | | <p style="font-family: cursive; font-size: 1.5em; margin: 0;">David T. Gattlin</p> <p style="margin: 0;">David T. Gattlin A&P330545992/A</p> | |

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|------|-----------------------|-------|---|---|
| 19__ | HOURS | 10ths | | |
| | | | <p><i>FLIGHT TRAILS HELICOPTERS, INC.</i> <i>4805 E. FALCON DR. MESA, AZ. 85215 REPAIR STATION NO. IL3R583L</i> <i>PHONE: 602⁴⁸⁰-396-8242 FAX: 602⁴⁸⁰-807-8285</i></p> <p>MAKE: CESSNA MODEL: 177RG SN: 177RG1306 REG. NO.: N52908 TACH: 2847.8</p> <p>Removed, tested, aligned, and reinstalled CA-395A SN 4469, Turn Coordinator PN1394T100-1 SN 4-808-882, Directional Gyro PN G-502A SN 28618 and Actuator PN PA-495A SN 2613. Flight test required.</p> <p>The aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected IAW current FAA regulations and is approved for return to service.</p> <p>Date: 12/05/01 WO# 7376A</p> <p>Signed  Repairman: 2453567</p> | |
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