



AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N2506Y

Aircraft Mfg. CESSNA Model 172D Serial No. 172-49806

Engine Mfg. LYCOMING Model O-360-A4M Serial No. L-38487-36A

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. SENSENICH Model _____ Serial No. 35331K

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	3024.24		TOTAL brought forward from previous page
DATE: 9/02/03			I certify that this altimeter, Model <u>5934PA-1</u> S/N <u>M7923</u> , has been tested to <u>30,000</u> feet, in accordance with FAR 43 Appendix E. Pertinent details are on file at this Repair Station W/O # <u>34029</u>
TACH: 00 (3024.24)			I certify that this encoding system, Altimeter P/N <u>5934PA-1</u> S/N <u>M7923</u> , Encoder P/N <u>5AE5-33</u> S/N <u>875</u> , meets the Requirements of FAR 43, Appendix E, Par. C. Pertinent details are on file with this Repair Station W/O No. <u>34029</u>
WO#: 34029			SIGNED <u>[Signature]</u> Date <u>9/02/03</u> Next due <u>9/05</u> Moody Aviation Repair Station # DVPR374D
			SIGNED <u>[Signature]</u> Date <u>9/02/03</u> Next Due <u>9/05</u> Moody Aviation Repair Station No. DVPR374D
			Transponder Type _____ Mfg _____ S/N _____ This unit was tested as required by FAR 91.413. Unit (does)(does not) meet the requirements of FAR 43 Appendix F
			Details on file, Repair Station W/O # <u>34029</u> SIGNED <u>[Signature]</u> Date <u>9/02/03</u>
			Next due <u>9/05</u> Moody Aviation Repair Station # DVPR374D



Moody Aviation
Municipal Airport
PO Box 429
Elizabethton TN 37644-0429
Phone: 423-543-3534
FAA Repair Station NO. DVPR374D

Airframe Logbook Record

Registration: N2506Y Date: 9/26/2003
Model: Cessna 172D Tach Time: 0.0
Serial Number: 17249806 Total Time: 3024.24
Work Order No: 33040

Performed a(n) Annual inspection with reference to Moody form, No. AF3001
and the manufacturer's service manual, No. D637-13 The following additional work was performed:

-NOTE: New tach installed at this time. Tach reads 0.0 and aircraft total time is 3024.24. (See Moody Aviation Work Order 34029 log entry for details.)

-AD 93-05-06 complied with by installing diode on starter contactor and lubricating switch contacts as per SEB91-5R1. Next due at TT: 5024.24

-AD 87-20-03R2 complied with by inspecting seat rails, seat tangs, rollers, locking pins for cracks, wear and operation. Next due at TT: 3124.24 or 9/2004.

-AD 82-07-02 complied with by verifying that breather line has hole in location specified. Note: This AD does not list engine installation STC, by was complied with due to typical Lycoming installation.

-AD 79-08-03 complied with during avionics installation by rewiring and installation of circuit breaker.

-AD 71-18-01 complied with by Installing fuel quantity placards reading "19.5 U.S. GAL" adjacent to each wing fuel cap as per AD

Note: Fuel octane rating is placarded "AVGAS ONLY 100LL 100" as per STC#SA4428SW (Lycoming 180 H.P. Engine installation).

-SEB 92-13 complied with by installing P/N SK172-145A fuel quantity gauge/transmitter replacement kit. Removed existing left and right fuel transmitters and existing left and right fuel quantity gauges. Installed 2 ea. P/N 6246-00629 fuel quantity gauges and 2ea. P/N 007-00586 backplates into new cluster case kit P/N 0059-00154. Installed transmitter P/N 7740-00448, S/N 1710 into left fuel tank and transmitter P/N 7740-00448, S/N 1720 into right fuel tank with supplied gaskets and torqued screws. Reconnected all electrical wiring. Performed leak check.

-SEB 92-14 complied with by installing P/N SK172-108D oil temperature gauge/sending unit replacement kit. Removed existing oil temperature gauge along with capillary tube/sensor. Installed 1 ea. P/N 6246-00631 oil temperature gauge, 1 ea. P/N 0007-00560 backplate and 1 ea. P/N S2335-1 sending unit. Installed supplied wiring and connections in accordance with kit instructions.

-SEB 92-17 complied with by installing P/N SK172-107B oil pressure gauge replacement kit. Removed existing oil pressure gauge. Installed 1 ea. P/N 2646-00090 oil pressure gauge and 1 ea. P/N 0007-00557 backplate. Oil pressure gauge remarked in accordance with STC#SA4428SW (Lycoming 180 H.P. Engine installation) referencing Air Plains Services Corp. document 172034 rev 4 page 9 dated 6/30/2000. 100 psi - red line, 60 to 90 psi - green arc and 25 psi - low red line. Reconnected oil pressure line and torqued.

Continued on next page:

Work Order: 33040. Continued from previous page:

- SEB 95-3R1 complied with by inspecting flap roller attach points for wear and installing 8 ea. washers P/N S1450-3S10-032 to forward roller attach pints. Torqued attach bolts.
- SEB 86-5R1 complied with by installing "Fuel Contamination" Placard P/N 0705098-1. "Seat Locked" placard incorporated with screen printing at panel installation.
- ELT maintenance check performed in accordance with FAR207 (a)(1)& (d). Next due 9/04. Next battery change due 3/2010. Control battery change due 9/2012. (See Moody Aviation Work Order 34029 for details.)
- Installed new vacuum air filter P/N D9-18-1. Next change due at TT: 3524.24.
- Verified previously installed Cleveland main wheels and brakes in accordance with STC#SA13GL and Cleveland drawing 20-134 and mounting instructions 50-24 Rev B dated 2-2-73. Cleveland main wheels and brakes originally installed 6/30/77 at tach: 1239.5. See FAA form 337 dated 9/12/2003.
- Removed existing left and right control wheels. Installed new control wheels in accordance with STC#SA00709LA and Avion Research Corp. master drawing list # CW-ML001 dated August 26, 1999 and Installation instructions # CW-8001 Rev 1 dated February 26, 1998. See F337 Dated 09/25/2003.
- Removed original pilot and copilot sun visors and installed Rosen Products LLC sun visors, P/N: RCS 300-1, in accordance with STC#SA00871SE Approved Model List # SA008871SE, dated January 25, 2001 and installation instructions Doc # 9050-0118-012 Rev A dated 6/30/2000. See F337 dated 9/12/2003.
- Installed New elevator trim wheel indicator placard P/N 0411422.
- Installed New "Normal Category" and "Utility Category" limitation placard P/N 0511489-1.
- Installed new door seals P/N R860064 to pilots and co-pilots doors.
- Installed new window seal P/N S2108-4 to pilots door.
- Installed new nose wheel fairing P/N 0743609-17. Painted fairing to match aircraft paint.
- Installed new dome lamp P/N 1816.
- Installed new Pitot line P/N S1071-1 between wing root and instrument.
- Installed new vernier type mixture control McFarlane P/N MC600-72 (FAA-PMA approved). Cut control to required length, connected and rigged. Torqued attach bolt.
- Reinstalled original throttle cable after installation of Avion instrument panel. Connected, rigged and torqued attach bolt.
- Installed new cabin air control assembly P/N S1230-17. Cut control to required length, attached and rigged.
- Installed new cabin air heat control assembly P/N S1230-17. Cut control to required length, attached and rigged.
- Installed new carburetor heat control assembly P/N S1230-17. Cut control to required length, attached and rigged.
- Installed springs 2 ea. P/N 0541167-1 to left and right brake master cylinder and link P/N 0541178-1 installed on spring to lever on right brake master cylinder. Reinstalled park brake control and rigged.
- Installed new right brake caliper P/N061-01900. Installed 1 ea P/N MS28775-224 o ring. Installed new brake linings 2 ea. P/N 066-10500 and torqued attachments. Installed new o ring P/N MS28775-110 and new loc-o-seal P/N 800-001-6 to right master cylinder. Bled brake.
- Installed new brake linings 2 ea. P/N 066-10500 to left brake and torqued attachments.
- Installed 5 ea. P/N 0523921 roller, 2 ea. P/N 0523920 roller and 2 ea. P/N 0523919 bushing to left and right flaps. Reinstalled flaps and torqued all attachments.
- Installed 2ea. P/N MS29513-012 o rings to piston of fuel primer and reinstalled piston.
- Installed new firewall blanket for Cessna 172 manufactured and supplied by Airtex interiors.
- Installed new carpet manufactured and supplied by Airtex Interiors.
- Installed new head liner manufactured and supplied by Aircraft Spruce and Specialty.
- Installed 2 ea. P/N0511242-1 seat stops to pilots seat rail.
- Installed nut plate P/N NAS1025-1032 to rear spar for right wing tank panel attachment.
- Installed 2 ea. P/N AN8-24A wing strut upper attach bolts and torqued.
- Installed new bolt P/N AN4-42A and new bushing P/N 0523221 to left aileron bellcrank. Torqued attachment.
- Installed new tow bar bolt P/N AN5-51A to nose gear and torqued.
- Installed new rod end P/N S1106-4 to forward end of right aileron push/pull rod. Torqued attachments.
- Installed 2 ea. P/N A6196-6Z-1 tinnerman nut plates to bulkhead at stn 205.81.
- Installed new fuel drain valve P/N CCA-1550 to base of fuel selector valve.
- Installed new left aileron pulley P/N S378-4 to upper door post location.
- Installed new left elevator pulley P/N S378-3 at stn 108.
- Installed 2 ea. new horizontal stabilizer attach doublers P/N 0512232-1 to aft bulkhead (stn 205.81) using original type rivets. Reamed attach holes to size.
- Installed 2 ea. new vertical stabilizer doublers P/N 0512157-3 to aft bulkhead (stn 205.81) using original type rivets. Reamed attach holes to size
- Installed new fairing cap P/N 0530011-2 at right rudder cable exit.
- Aircraft seats and interior side panels upholstered with gray leather and carpeting (Carpeting supplied by Airtex interiors.).
- Plastic trim repaired by gluing and painted.

Continued on next page:

Work Order: 33040. Continued from previous page:

- Removed battery box, lower box reinforce angle and upper attach angle. Removed corrosion from battery box and reinforce angle and treated area with bicarbonate of soda. Etched, Alodined, primed and painted with Randolph 344 acid proof paint. Fabricated upper attach angle from 2024T3 x 0.050" alclad, etched Alodined and primed. Removed corrosion from firewall shelf below battery box, primed and painted epoxy gray. Install 8 ea. P/N MS21047L08 nut plates to upper and lower battery box attach angles. Reinstalled upper attach angle using AN525-832 screws and AN363-832 nuts. Reinstalled battery box and reinforce angle using AN525-832 screws.
- Firewall areas where engine/air controls and wire bundles enter resealed with P/N CMNP021CLASSB1/2 sealant.
- Several areas of corrosion removed from cabin floor. Complete floor etched, Alodined and primed.
- Removed left and right fuel tanks. Cleaned, flushed tanks and reinstalled using the following new parts: 4 ea. P/N AN520-1032R32 screws, 1 ea. P/N 0523554-1 gasket(left tank), 1 ea. P/N 0523554-2 gasket(left tank), 2 ea. 0523532 gasket, 2 ea. 0426013-1 gasket and 1 ea. P/N0523552-2 vent valve support tube(left tank). Connected vent hose lines and tightened clamps. Connected main fuel lines and torqued. Installed new union nut P/N AN816-6D to left wing tank vent lines, connected and torqued. Leak checked tanks and fuel system after installation. Reinstalled wing tank covers.
- Relocated gascolator drain control from instrument panel to engine mount adjacent to oil filler as per later model aircraft. Fabricated support bracket from 2024T3 x 0.080" alclad and attached using 4 ea. P/N AN741-66B clamps. Cut control to required length and attached to gascolator drain valve using existing hardware and new spring P/N 0756002 Installed 2 ea. P/N 33-199-6 gaskets to gascolator bowl and 1 ea. P/N MS29513-007 to gascolator drain.
- Repaired fuel selector support shaft support bracket by fabricating a new lug from 2024T3 x0.040" and attaching with Cherry Max rivets.
- Repaired pilots and co-pilots seat lock pin guides by fabricating guides from 2024T3 x 0.040" alclad and installing with original type rivets.
- Repaired crack in bulkhead (stn 205.81) adjacent to elevator pulley bracket by fabricating repair from 2024T3 x 0.040" alclad. Etched, Alodined, primed and installed using AN470AD4-xxx rivets. Reference for repair made to AC43.13-1B, figure 4-16 and table 4-9.
- Removed top nose gear torque bolt and bushing. Cleaned, lubricated reinstalled, torqued and safetied.
- Removed fuel selector, disassembled, cleaned, inspected and reassembled using the following new parts: 1 ea. P/N MS29513-010 o ring, 2 ea. P/N MS29513-012 o ring, 1 ea. P/N MS29513-111 o ring, 2 ea. P/N MS29513-116 and 1 ea. P/N 0513125 gasket. Reinstalled selector. Installed new shaft guide P/N 0511195 and installed shaft. Torqued all fittings.
- Removed flap handle, cleaned off corrosion by bead blasting and applied Corvel black power coat. Reinstalled handle, attached cables and mounting bolts. Installed 1 ea. P/N 0510194-1 placard and 1 ea. P/N 0510188 placard to flap handle. Tensioned cables and rigged flap system as per service manual. Torqued all attachments and installed safeties.
- Removed windshield, cleaned old felt seals and reinstalled using new felt seals and sealant. Lower retaining strap installed with 51 ea. AN525-832R7 screws and 51 ea. P/N AN365-832 nuts.
- Fabricated upper aft elevator cable from 7 x19 galvanized cable (MIL-83420), 1 ea. P/N MS20664C4 ball end and 1ea. P/N MS1260-S4RH terminal.
- Fabricated 2 aft rudder cables from 7 x19 galvanized cable (MIL-83420), 2 ea. P/N MS20668-4 eye end and 2ea. P/N MS1260-S4RH terminals.
- Fabricated left and right aileron direct cables from 7 x19 galvanized cable (MIL-83420), 2 ea. P/N MS20668-4 eye end and 2ea. P/N MS1260-L4RH terminals. Installed cables, tensioned and rigged ailerons as per service manual. Torqued all attachments and installed safeties.
- Fabricated vacuum filter support bracket attach angle for 2024T3 x 0.040. Installed 2 ea. P/N NAS1025-1032 nut plates to bracket. Etched, Alodined, primed and attached to firewall left of center line stn3.7 using AN515-832 screws and AN363-832 nuts. Installation made with reference to C172R Parts manual diagram 37-10-00 figure 4. Installed new vacuum filter support bracket P/N 1201075-4 using AN3-4A bolts.
- Removed rudder, vertical stabilizer, elevators and horizontal stabilizer for repairs.
 - Horizontal stabilizer. Installed new stop plate bracket P/N 0532006-1. Installed new right inboard nose rib P/N 0532001-50. Repaired inboard right side leading edge skin by removing damaged 4.5" section. Fabricated skin section from 2024T3 x 0.32" alclad and doubler from 2024T3 x 0.040" alclad. Etched, Alodined, primed and installed using original type rivets. Reference for repair made to Cessna service manual D367-13, chapter 19, figure 19-9. Repair painted to match original paint.
 - Left Elevator. Disassembled left elevator, cleaned and inspected. Etched, Alodined and primed all parts to be reused. Reassembled elevator using the following new parts: 1 ea. skin P/N 0532001-89, 1 ea. skin P/N 0532001-91 and 1 ea. tip P/N 0532001-94-791. Rivets used were of original type. Painted elevator to match aircraft and checked static balance as per service manual.
 - Right Elevator. Disassembled right elevator, cleaned and inspected. Etched, Alodined and primed all parts to be reused. Reassembled elevator using the following new parts: 1 ea. skin P/N DEV055044-2, 1 ea. skin P/N DEV055044-4 and 1 ea. tip P/N 0532001-100-791. Rivets used were of original type. Painted elevator to match aircraft and checked static balance as per service manual.

Continued on next page:

Work Order 33040: Continued from previous page:

- Rudder. Repaired worn holes in rudder horn by reaming and installing bushings. Installed rudder nav light connectors 1 ea. P/N S1637-1 and 1 ea. P/N S1637-2. Removed upper and lower bottom hinge brackets. Installed new upper hinge bracket P/N 0531018-2 and new lower hinge bracket P/N 0531018-1 using original type rivets. Installed new rudder weight support rib P/N 0531006-62 and reinstalled weight and fairing. Replaced left and right side rivets in upper rudder bracket.
- Vertical stabilizer. Removed lower stabilizer attach fitting. Installed new lower fitting P/N 0531006-113 using original type rivets. Repaired upper aft rib by fabricating rib from 2024T3 x 0.020" alclad. Etched, Alodined, primed and installed using original type rivets. Installed new wiring for rotating beacon.

Reinstallation.

- Horizontal stabilizer reinstalled using the following new parts: 1 ea P/N AN5-9A and 2 ea. MS21042L5 nuts. Installed 2 ea. new elevator trim pulleys P/N S378-1L in stabilizer. Torqued attachments.
- Vertical stabilizer reinstalled using the following new parts: 2 ea. P/N AN5-4A bolts, 2 ea. AN5-10A bolts and 4 ea. MS21042L5 nuts. Torqued attachments.
- Left and right elevators reinstalled using the following new parts: 4 ea. P/N AN4-11A bolts, 3 ea. P/N AN4-14A bolts and 7 ea. P/N MS21042L4 nuts. Bolts torqued. Installed 2 ea P/N NAS428H3A16 elevator stop bolts. Reconnected cables, tensioned and rigged elevators as per service manual. Installed new elevator trim chain P/N S2295-25-67, 2 ea. P/N S2294-25 links and reinstalled elevator trim cable, tensioned, rigged and set stops as per service manual. Torqued all attachments and installed safeties.
- Rudder reinstalled using 3 ea. P/N AN4-11A bolts and 2ea. P/N MS2102L4 nuts. Connected cables, tensioned and rigged rudder system as per service manual. Torqued attachments and installed safeties.
- Aircraft weighed. New Empty Weight: 1499.0 lbs, New Useful Weight: 801.0 lbs, New C.G. 37.47" NOTE: WEIGHT INCLUDES FULL OIL
- Adjusted vacuum pressure to specification after ground run.
- For details see Moody Aviation Work Order # 33040.

Date 9/26/2003 Total Time 3024.24 I certify
this Airframe has been inspected in accordance
with a Annual inspection, and was determined to be
in Airworthy Condition. Details on file with this
Repair Station under Work Order No. 33040

SIGNED *[Signature]* Date 9/26/2003
Moody Aviation Repair Station No. DVPR374D

NOTE:
WEIGHT INCLUDES SHO
MLD

[illegible]

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page



Moody Aviation
Municipal Airport
PO Box 429
Elizabethton TN 37644-0429
Phone: 423-543-3534

FAA Repair Station NO. DVPR374D

Airframe Logbook Record

Registration: N2506Y

Model: 172D

Serial Number: 17249806

Date: Nov 18, 2003

Tach Time: 9.9

AF Total Time: 3034.14

Work Order No: 43003

- Painted aircraft using following procedure: Removed control surfaces and antennas, stripped, etched and alodine treatment to all metal surfaces. Primed with US Paints P/N S3001 & S9001, topcoated with JetGlo Vestal white P/N U00361, Blue U07445, Silver U07474, Wine U07439. Door posts: Gray (JetFlex) L09016 and SEM Color Coat Phantom White15003.
- Replaced with new LP Plastics windows as follows:
 - Landing light lens P/N LP373
 - Rear cabin window P/N LP389CL
 - RH rear cabin window P/N LP386CL
 - LH rear cabin window P/N LP385CL
 - RH door window P/N LP375CL
 - LH door window P/N LP369CL
- Installed the following new fairings:
 - Wing strut P/N's 0522150-1D70, -2, -3D70, -6D70.
 - RH stabilizer tip P/N 0532001-93-791
 - Rudder tip (upper) P/N 0531006-39-791 and (lower) P/N 0531006-35-791.
- Nose gear was removed and disassembled, stripped, cleaned, painted and reassembled including new seals P/N AN6227B32, AN6230B3. Reassembled, installed and serviced with MIL-H-5606 and shop air.
- Wheels were disassembled, cleaned, painted and reassembled, repacked bearings as required.
- Installed placards at fuel filler cap as required by AD71-18-01 and SE68-12.
- Checked balance of all controls, installed with existing bearings and hardware, checked and adjusted travel as required.
- Removed and reinstalled propeller during refinishing process.
- Aircraft was ground operationally checked and determined to be ready for return to service. For additional details see Moody Aviation work order 43003.

SIGNED Keith Parker for:

Date November 18, 2003

Moody Aviation Repair Station No. DVPR374D

03 JAN 2004 TACH READS 39.4 AIRCRAFT TOTAL TIME EQUALS 3063.64 REMOVED NAV LIGHT CIRCUIT BREAKER P/N W31-X2M1G-10 AND INSTALLED NEW UNIT P/N W31-X2M1G-10.

JAMES L. BOWERS
A&P 30866309


END

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
	REG. NO. N2506Y		MIDWEST AVTECH INC.	DATE 02/21/04
	MAKE CESSNA		I.V. REGIONAL AIRPORT	TACH 56.5
	MODEL 172D		P.O. BOX 451	T.T.
	S/N 17249806		PERU, IL 61354	SMOH
INSTALLED BAS SHOULDER HARNESS SYSTEM IAW STC SA2067NM (SEE FORM 337) - PERFORMED CORROSION-X TREATMENT OF ENTIRE FUSELAGE, WINGS AND EMPENNAGE THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs - ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE				
BRYAN G. HARTMAN <i>Bryan Hartman</i>			A&P 354729066	
6-3-04	98.8	INSTALLED SERVICABLE PILOTS WINDOW LATCH <i>Richard C. Dally</i> A/P 2378026 IA		
14 OCTOBER 2004 TACH READS 195 AIRCRAFT TOTAL TIME EQUALS 3219.24 ANNUAL INSPECTION COMPLETED THIS DATE INCLUDED BUT NOT LIMITED TO THE FOLLOWING ITEMS: <ol style="list-style-type: none"> 1. OPENED INSPECTION PANELS AND REMOVED COWLINGS 2. INSPECTED AIRCRAFT USING CESSNA SERVICE MANUAL AND CHECKLIST FOR A REFERENCE. 3. REPLACED BAGGAGE DOOR LATCH P/N S1189-2 4. REPLACED BELLY STROBE ASSY WITH NEW 01-0770029-31 STROBE LIGHT ASSY 5. REPLACED AIR FILTER ELEMENT P/N BA-6108 6. CLEANED INSPECTED AND REPACKED WHEEL BEARINGS. REPLACED BOTH MLG TIRES WITH NEW 6:00 X 6-6 CONDOR TIRES 7. REPLACED TAIL ROTATING BEACON LAMP P/N GE-1777 8. INSTALLED NEW MIXTURE CONTROL CABLE MC600-72 PROVIDED BY MCFARLAND AVIATION TO COMPLY WITH MCFARLAND SERVICE BULLETIN LOT # 12042 9. REPAIRED PILOTS DOOR WINDOW HINGE BY REMOVING LOOSE CHERRY MAX RIVETS AND INSTALLING NEW RIVETS OF PROPER LENGTH. 10. REPOSITIONED AND SECURED EXHAUST SYSTEM HEAT MUFF. 11. INSTALLED SHIMS IN NLG TO ELIMINATE EXCESS PLAY IN NLG SCISSORS 12. INSPECTED ELT IN ACCORDANCE WITH FAR 91.207(d) AND FOUND OPERATION TO BE SATISFACTORY. BATTERY REPLACEMENT DUE MAR 2010 ELT S/N 041820 13. CHECKED AD'S THRU 2004-19 AD 04-19-01 N/A AIRCRAFT HAS BAS TYPE SHOULDER HARNESS INSTALLED. CW AD 87-20-03R2 BY INSPECTION OF SEATS AND SEAT RAILS. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. <i>James L. Bowers</i> JAMES L. BOWERS A&P 308663609 IA				
END				

SUB-TOTAL this page

TOTAL—Carry forward to next page

29 APRIL 2005 TACH READS 234 AIRCRAFT TOTAL TIME EQUALS 3255.24 REMOVED DIRECTIONAL GYRO AND REINSTALLED AFTER OVERHAUL BY METRO INSTRUMENTS W.O. 95447.


JAMES L. BOWERS
A&P 30863609 IA

END

TIS = 3329.54

C/W ANNUAL INSPECTION. REPLACED MISSING INTERIOR SCREW, SERVICED SHIMMY DAMPER WITH FLUID, REPLACED SHOP AIR WITH NITROGEN IN STRUT, CHECKED PITOT HEAT - OK, INSPECT BRAKES 3/4 LIFE LEFT - OK, CHECK ELT LAW REGS - OK...ELT WAS TURNED OFF, STALL WARNING SYS - OK, TIRES - WHEELS - OK, REPLACED TAPE ON TOWBAR - SHEDDING FOAM. VACUUMED AIRCRAFT. ADJUSTED SLIP/ SKID INDICATORS TO LEVEL. REMOVED BATTERY, REMOVED EXTENSIVE CORROSION FROM BOX AND FIREWALL. PATCHED HOLES WITH FOIL AND STRUCTURAL ADHESIVE. SERVICED BATTERY AND REINSTALLED. INSTALLED CORRECT RUBBER TRIM FAIRING FOR LEADING EDGE OF HORIZONTAL STABILIZER, FT P821400 MOLDING. REMOVED BOTH WING SUMP DRAINS, INSTALLED NEW S2106-2 VALVES. REMOVED PILOT'S DOOR, REMOVED WINDOW. REMOVED LOOSE CHERRY AND CHERRYMAX RIVETS. COUNTERSUNK HINGES AND INSTALLED NAS514P632-8P NO 6 CS SCREWS AND BARREL NUTS W/ AN960-6 WASHERS, AND M35335-6 LOCK WASHERS UTILIZING LOCKTITE. SHIMMED WINDOW LATCH AS REQUIRED. LUBED HINGES, LATCH AND SLIDER. REINSTALLED DOOR. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

TERRY L. DILL A&P305547795IA

Paul O

Date	7-22-06	Removed bottom tube of nose strut. Cleaned all
Tech	0389,7	parts.
		Replaced with new: wiper 4611C3217
		orig M# 28775-228
		orig M# 28775-329
		Serviced with oil 5606. Set height with
		pressure
		<i>Manf WZ</i> A/P 164468843
		SUB-TOTAL this page
		TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			



Air Plains Services
Wellington Airport
Wellington, KS 67152
CRS # MNYR085K

Work Order #: 030826
N#: 2506Y
Tach: 492.1
Date: 03/01/08

Airframe Log AF TT: 3513.34

Serviced and inspected the aircraft in accordance with an ANNUAL inspection. Performed AD list search on the aircraft, engine, propeller and installed accessories. Cleaned all fuel and air filters. Inspected the ELT, "G" switch, batteries and installation IAW FAR 91.207: ELT: ACK, Model: E01, SN: 041820, Battery expires: 03/10. Reinstalled the ELT and rearmed. Inspected seats, seat rails, seat rollers and seat latch pins per para (a) of AD 87-20-03 R2 and Service Letter SE 83-6. Gross weight increased in accordance with AIR PLAINS SERVICES, CORP. STC SA 2196CE. Relocated beacon to aft of GPS antenna. Replaced engine heater plug. Shimmed and lubricated torque links, installed cotter key in all nuts. Tightened valve cover screws. Tightened dip stick tube and re-saftied. Fabricated, fitted and installed doubler on LH front baffle. Repaired muffler shroud as needed. Replaced all brake pads on both sides, installed new o'ring in RH brake cylinder.

This AIRPLANE was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

Signed [Signature] Inspector



Air Plains Services
Wellington Airport
Wellington, KS 67152
CRS # MNYR085K

Work Order #: 030826
N#: 2506Y
Tach: 492.1
Date: 03/01/08

Installed new nose tire. Adjusted aileron rigging and cable tension, re-saftied all turn buckles. Installed new rivets in lower hinge brackets as needed. Installed new park brake cable. Resealed door seal on co-pilot side. Cleaned and treated minor corrosion in battery box. Installed repair section of skin on inboard end of lower LH elevator skin. Installed placard on oil pressure gage. Repositioned wing trailing edge skin. Reshot rivets on LH wing as needed. Repositioned fairing on flap leading edge skin. All replaced/repaired/installed items run and leak/operational checked ok.

"I certify that this AIRFRAME has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition."

*Signed [Signature] Certificate#: MNYR085K


*WO#: 308026 Tach Time: 492.1 Date: 03/01/08

This AIRPLANE was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

Signed [Signature] Inspector

SUB-TOTAL this page

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK								
TOTAL brought forward from previous page											
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 15%;">  <p>AIR PLAINS SERVICES we sell performance</p> </div> <div style="width: 45%;"> <p>Air Plains Services Wellington Airport Wellington, KS 67152 CRS # MNYR085K</p> </div> <div style="width: 35%;"> <p>Work Order #: 030826 N#: 2506Y Tach: 492.1 Date: 03/01/08</p> </div> </div> <p style="text-align: center;">Airframe Log AF TT: 3513.34</p> <p>Increased Gross Weight to 2500 lbs. per Air Plains Services, Corp. Drawing List 172-GWL, Revision 1 and Installation Instructions 1722500-1, Revision 2, both with an FAA Approval Date of 7/07/06 or later approved revisions and STC SA2196CE.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Aircraft Gross Weight</td> <td style="width: 40%; text-align: right;">2500.00</td> </tr> <tr> <td>Aircraft Empty Weight</td> <td style="text-align: right;">1506.00</td> </tr> <tr> <td>Aircraft Useful Load</td> <td style="text-align: right;">994.00</td> </tr> <tr> <td>Aircraft E. W. C.G.</td> <td style="text-align: right;">37.29</td> </tr> </table> <p>This <u>AIRCRAFT</u> was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.</p> <p style="text-align: center;">Signed <u>[Signature]</u> Inspector</p>				Aircraft Gross Weight	2500.00	Aircraft Empty Weight	1506.00	Aircraft Useful Load	994.00	Aircraft E. W. C.G.	37.29
Aircraft Gross Weight	2500.00										
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Aircraft Useful Load	994.00										
Aircraft E. W. C.G.	37.29										
<p>J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1</p> <p>Repair Station #NF2R029L AIRFRAME LOG</p> <p>Type CESSNA 172D TT 3518.2</p> <p>N # 2506Y</p> <p>S/N 17249806 REC. HR. METER 497</p> <p>ENGINE OIL PRESSURE INDICATION IS HIGH— INSTALLED SECONDARY CLIBRATED TEST GAUGE AND TESTED THE ENGINE OIL PRESSURE VS INDICATED. FOUND INDICATION WAS 100 PSI WHEN ACTUAL WAS 62 PSI. REMOVED THE GAUGE AND TESTED WITH A DEAD WEIGHT TESTER AND VERIFIED THE GAUGE WAS VERY INACCURATE. NOTED THE GAUGE WAS REMARKED AND FOR THE ORIGINAL AIRCRAFT CONFIGURATION WITH AN O-300 TCM ENGINE ORDER AND INSTALLED AN OIL PRESSURE GAUGE P/N 2646-00049 FOR USE WITH A LYCOMING EQUIPED 172 WITH CORRECT RANGE MARKINGS FOR USE WITH THE AIR PLANES O-360 MODIFIED AIRCRAFT TESTED THE GAUGE PRIOR TO INSTALLATION AND FOUND INDICATION WAS CORRECT. GROUND RAN AND TESTED THE INDICATION AND FOUND CORRECT.</p> <p>THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. #16434 DATE: MARCH 18, 2008</p> <p>SIGNED: BRUCE P. REBECHINI <u>[Signature]</u> For</p> <p>J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185</p> <p>F.A.A. APPROVED REPAIR STATION #NF2R029L</p>											
TOTAL—Carry forward to next page											

DATE

J.A. AIR CENTER
Aurora Airport • Sugar Grove, IL 60554
FAA Repair Station #NF2R029L
AIRFRAME LOG ENTRY

Type Cessna 172D
S/N 17249806
N# 2506Y

e No.

Description of work done:

Complied with Garmin Software Service Bulletin NO: 0918 Rev. A
04AUG2009. Main Software update to 3.30.
Complied with Garmin Software Service Bulletin NO: 0848 Rev. B
20MAR2009. GPS Software update to 3.2.

Final Test OK.

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 222099 Date 07JU2010 Tach/Hobbs 560.8 Signature [Signature]
Inspector (print) Luke W. Gomoll

J.A. AIR CENTER
Aurora Airport • Sugar Grove, IL 60554
FAA Repair Station #NF2R029L
AIRFRAME LOG ENTRY

C 172D
Type 17249806
S/N 17249806
N# 2506Y

Description of work done:

Tested Altimeter(s), Altitude Reporting and Static System(s)
in accordance with Part 43, Appendix E for compliance with
FAR 91.411 and FAR 91.413.

Pilot Altimeter P/N 5934PA-1 S/N M7923 Range 20k

Copilot Altimeter P/N _____ S/N _____ Range _____

Transponder tested in accordance with Part 43, Appendix F
for compliance with FAR 91.413 this date.

Date 7 June 10 Make GARMIN Model GTX330 S/N 84100224

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 090461M Date 7 June 10 Tach/Hobbs 560.8 Signature [Signature]
Inspector (print) Doug Mall

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>GAT Global Aeronautics, Inc. 3 Carlock Drive Danforth, IL 60930-6106 Phone: 815-269-2552</p> <p>Annual Inspection - Aircraft Reg: N2506Y Acraft: m/n: <u>Cessna C172 D</u>, s/n <u>17249806</u>, Tach: <u>585.3</u>, Tot: <u>3609.5</u> I certify that this aircraft was inspected in accordance with ANNUAL Insp. Proced's & Determined to be Airworthy. AD's Compl'd thru <u>2011-08</u>. AD 87-20-03 R2 C/W/I; AD 93-0506 due 5024.2 hr; 87-20-03 R2 Due Next Annual; Pitot/Static/Altimeter Transp Due 07/12 (per FAR91.411 / 91.413); Test'd ELT & Remote per FAR 91.207 (d); ELT Batt chg Due 03/2013 per 91.207; (c). Insp Muffler & Jacket for Burns, Holes & Blemishes - Okay. Svc'd Batt & Brake Fluid. Chk'd Fuel Strainer, Okay for return to Service. Lubed Nose Gear. Replaced Induction Air Filter, Installed p/n: BA6108. Lubed Controls. Op's Check - Okay. Aircraft Airworthy and O.K. for Return to Service Deficiencies provided to owner / operator. (also see AD & Check Lists)</p> <p>Signed: <u>Charles C. Classen</u> Date: <u>04/18/2011</u> Printed Name: Charles C. Classen Certificate No: <u>2238201 A&P-IA</u></p>
			<p>GAT Global Aeronautics, Inc. 3 Carlock Drive Danforth, IL 60930-6106 Phone: 815-269-2552</p> <p>Periodic Maintenance - Aircraft Reg: N2506Y Aircraft: m/n: <u>Cessna C172 D</u>, s/n <u>17249806</u>, Tach: <u>585.3</u>, Tot: <u>3609.5</u> Repaired LH Rear Arm Rest replaced Tinnerman Anchor. Aircraft O.K. for Return to Service.</p> <p>Signed: <u>Charles C. Classen</u> Date: <u>04/18/2011</u> Printed Name: Charles C. Classen Certificate No: <u>2238201 A&P-IA</u></p>
			<p>GAT Global Aeronautics, Inc. 3 Carlock Drive Danforth, IL 60930-6106 Phone: 815-269-2552</p> <p>Annual Inspection - Aircraft Reg: N2506Y Acraft: m/n: <u>Cessna C172 D</u>, s/n <u>17249806</u>, Tach: <u>608.2</u>, Tot: <u>3632.4</u> I certify that this aircraft was inspected in accordance with ANNUAL Insp. Proced's & Determined to be Airworthy. AD's Compl'd thru <u>2012-12</u>. AD 87-20-03 R2 C/W/I; AD 93-0506 due 5024.2 hr; 87-20-03 R2 Due Next Annual; Pitot/Static/Altimeter Transp Due 07/12 (per FAR91.411 / 91.413); Test'd ELT & Remote per FAR 91.207 (d); ELT Batt chg Due 03/2013 per 91.207; (c). Insp Muffler & Jacket for Burns, Holes & Blemishes - Okay. Cleaned Battery Box and "touched -Up interior with Undercoat. Recharged Primary Battery. Svc'd Batt & Brake Fluid. Chk'd Fuel Strainer, OKAY. Lubed Nose Gear. Insp'd Induction Air Filter, OKAY. Lubed Controls. Deficiencies provided to owner / operator. (also see AD & Check Lists) Op's Check - Okay. Aircraft Airworthy and O.K. for Return to Service</p> <p>Signed: <u>Charles C. Classen</u> Date: <u>06/21/2012</u> Printed Name: Charles C. Classen Certificate No: <u>2238201 A&P-IA</u></p>

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