

#3

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N52713

Aircraft Mfg. CESSNA Model 177RG Serial No. 177RG1255

Engine Mfg. LYCOMING Model E0-360-A1B1D Serial No. L-17346-512

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. McCulloch Model 53D34C307 Serial No. _____

Hub Design No. _____ Hub Serial No. 774493

Blade Design No. 78TC2-0 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)



AEROTECH PUBLICATIONS INC.

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Statements in block 14 and 19 do not constitute final certification. In all cases aircraft maintenance records shall be maintained in accordance with the national regulations of the country specified in block 19. The aircraft owner is responsible for the accuracy of the information provided in this block. The aircraft owner is responsible for the accuracy of the information provided in this block. The aircraft owner is responsible for the accuracy of the information provided in this block.

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

DATE	TOTAL TIME IN SERVICE	TACH ON RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4-26-00	1302.7	1302.7	Removed Horizon Gyro PN 23-501-017, Installed newly overhauled Gyro PN 5000 F-6 SN A190715 See yellow Tag. RAN Eng. OPS checked good. <i>Stephen H. Lang AP421159713</i>
5-3-00	1305	1305	Replaced Defective Horizon Gyro w/ newly overhauled unit PN 5000 F-6 SN 35089F RAN Eng. OPS checked good. See yellow Tag. <i>Stephen H. Lang AP421159713</i>
5-3-00	1305	1305	NEW GILL C-35 ACFT. BATTERY INSTALLED <i>James R. Halloran SN 1895086. AP 563683308</i>

Log Book Insert

Make Cessna Date 06-06-00
Model 177RG W.O. 4813
S/N 177RG1255 A.T.T. _____
Reg. No. N52713 H.M. 1305.4 Tach

Resealed MLG, nose gear, and L/H & R/H uplock actuators. Replaced actuator flex hoses. Replaced hydraulic power pack pressure switch. Replaced nose gear door. Landing gear system leak and ops checks good. Replaced windshield.

Signature:
FLIGHT SUPPORT

Signed by *[Signature]*
Chief Inspector for Signature Flight Support P.O. Box 6063, Huntsville, ALA. 35824 FAA Approved Repair Station # AVYR0713

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with the applicable FAA regulations. The repair was performed by the repair station identified above. The repair station is authorized to perform the repair identified above. The repair station is authorized to perform the repair identified above. The repair station is authorized to perform the repair identified above.

Order # 4813 Date 6-6-00
Signature Flight Support FAA Certified Repair Station # VYFR0713
Location HSV

OP0010 3/99

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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
6-20-00		1320.5	Removed & Replaced Voltage Regulator, Installed new DGR6 SN 80188828. Ran Eng. OPS Checked opod. Stephen R. Lang 421159713
6-28-00		1321.5	Replaced ACT. AT Owners Request Installed new DOFF 103005 SN A020608 Ran Eng. OPS Check good. Stephen R. Lang APV 21159713
7-2-00	1328.0	1328.0	JACK ACFT, REMOVE & DISASSEMBLE SHIMMY DAMPER. REASSEMBLE DAMPER WITH NEW SEALS & RESERUISE WITH 50CC. REINSTAT & SAFETY DAMPER. REMOVE ACFT FROM JACKS. REMOVE BRAKING FUEL SHUT OFF VALVE FROM R/H WING. INSTALL, LEAK CHECK & SAFETY NEW VALVE PN 391-92. James R. Wallace AN 563683308
7-14-00	1341.1	1341.1	JACK ACFT, REMOVE 4H BRAKE ASSEMBLY. REMOVE & DISASSEMBLE 4H WHEEL ASSEMBLY. REMOVE WORN TIRE. REASSEMBLE WHEEL WITH NEW GOYR 15X6.00-6 TIRE PN 15666-1, SN 70980050. REINSTAT 4H WHEEL & BRAKE ASSEMBLIES. REMOVE FROM JACK. SERVICED TO 68 PSI. James R. Wallace AN 563683308
8-31-00	1369.4	1369.4	REMOVED PROPELLER #4030340207, SN 774493 & COVERED PN C29037112, SN 771070 FOR OVERHAUL SEE PROP. LOG James R. Wallace AN 563683308

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9-27-00	1369.4	1369.4	OPENED ALL ACCESS PANELS, INSPECTED & LUBRICATED ENGINE CRANK SHAFT INSPECTION GUIDE, REIMBUNT PROPELLER & PROP. GEARBOX AFTER CHECKING. RE-PLATE NOSE WHEEL BEARINGS, INSTALLED NEW RUNWAY TIRE, INSTALLED NEW AIRTEX CARPET, INTERIOR SIDE PANELS & SEATS REUPOLSTERED & REINSTALLED ABOVE MATERIALS COMPLY WITH FAR PART 23.853 (d)(3)(v), COMPLIED WITH AD 87-20-03RB, INSPECTED SEAT BELTS & ASSEMBLIES, INSPECTED & TESTED BELT TAN FAR PART 23.27d, INSTALLED BLACKETT INTAKE AIR FILTER ASSEMBLY P/N BA 5710 SEE 377 THIS DATE, INSTALLED NEW TURN COORDINATOR 11394T100-3 1-0893 MODEL [REDACTED] SIN [REDACTED] INSTALLED NEW HOUR METER DATUM P/N 102033, REPLACED ENGINE RAFFLE SEALS, INSPECTED & CLEANED FUEL SCREEN, PERFORMED GEAR REDUCTION & EMERGENCY EXTENSION CHECKS. I certify this <u>AIRFRAME</u> has been inspected in accordance with a <u>T.O. 15-2</u> inspection and was determined to be in <u>compliance</u>. <u>James R. Sullivan</u> AF563683308
7-27-00	1369.4	1369.4	I certify this <u>AIRFRAME</u> has been inspected in accordance with a <u>Manual</u> inspection and was determined to be in <u>worthy</u> condition. <u>Phil White</u> IA418880660
9-30-00	1370.0	1370.0	REPLACED CORRODED WIRING @ ALTERNATOR REPLACED VOLTAGE REGULATOR PNDGRG RAN ENG. OPS CHECK GOOD. <u>High 96 Pump</u> AP4211591713

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APPROVAL TAG
Transportation

1-0893

Under Control of Inspection Number

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
10-3-00	1374.1	1374.1	Date <u>OCT 9/00</u> This aircraft has been dynamically balanced in accordance with AWW-9511-2 The Smooth Propeller. The aircraft is approved for return to service. See work order for detailed information on balance order # <u>1219</u> Dynamic Balance Service, Inc. 177 RG FAA Approved Repair Station DYOR230Y <u>James M. Gaither</u> James M. Gaither US2713
11-25-00	1425.4		Installed New Overvoltage LT Assy. PA 52519-1. Ran Eng. OPS Check good. Steve R. Long AWP 421159713
11-29-00	1427.2		Replaced Hinge @ LT Cowl FIAP PNMS20257-4 using Cherry Max Rivets. Also Replaced LT. Fuel CAP Gasket PN B100142-1. Replaced Fuse @ MAP Light. Steve R. Long AWP 421159713
1-9-01	1442.7		Installed New Battery Solenoid & Alternator Circuit Breaker Ran Eng. OPS Check good. Steve R. Long AWP 421159713
2-8-01	Tach 1455.8		Removed Attitude Incl. PN 5000 FG SN 35089 F Installed Newly Overhauled Attitude Incl. PN 5000 FG SN 88360 F See yellow tag. Ran Eng. OPS Check good.
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9/1/03	1719.0	1719.0	serviced battery, replaced ECU Battery due again, 10/05 due PAR 9/20/03 by insps & test of ECU (see AD 87-20-03) by visual & dimensional insps of seats & seats due again in 100 hrs or 12 mos, performed retraction test, replaced nose gear door linkage parts as required to remove door stop, all gear functions normal, replaced brake line & wheel in right gear pivot and bleed brakes. Wheel all flight controls, ground run, all systems ground, ECU 9/1/03 I certify this aircraft has been inspected in accordance with a/an <u>Annual</u> inspection and was determined to be in an Airworthy Condition. Tach/Hobbs <u>1719.0</u> TTVSMOH <u>1719.0</u> Name: <u>[Signature]</u> Cert: <u>9746PS752A</u>
10-6-03	1731.3		Replaced nose gear down lock switch and magnet, cycled gear thru 5 fault free cycles ops V okay <u>[Signature]</u> 10-75227627 EIA

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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
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Date 10/22/03 N52713 TACH 1745.4			
Installed LH Fuel gage and transmitter P/N SK177-52 IAW Service K't instructions. Removed battery, then charged and tested. Battery tested good, then reinstalled battery. Replaced overvoltage switch with new P/N CS93001-0101, Repaired Alt. At lead at Alternator. Replaced Alternator with overhauled Alternator P/N DoFF10300J. Operations check good. Rodney Daubinger 23642655 AP			
10/30/03	1747.4		Installed new high voltage light. Repaired wires going to common plug that attaches to GEM 610. OPS check good. Rodney 23642655 AP
12/23/03	1772.7		REPLACED GEAR WARNING SWITCH #2327-1 AND ADJUSTED SWUNG GEAR, OPS CK'S GOOD. REPLACED NOSE GEAR UNLOCK HOOK LINK ASSY. ADJUSTED LOCKING AND UNLOCKING PRESSURES. SWUNG GEAR MULTIPLE TIMES, OPS CK'S GOOD ON JACKS. Leland P. 7710218DT

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October 29, 2004	2038.0	TACH	REPLACED RH WING STROBE POWER SUPPLY. INSTALLED NEW ACCOFLASH 152-0007 UNIT. OP CKS good. REMOVED alternator & replaced 14A diode. Bench check to full amperage draw and voltage output completed. Reinstalled and ground run c/w
			Tom Solari 93445544 AD
November 11, 2004	2038.9		REPAIRED FLUCTUATING MANIFOLD PRESSURE GAGE. REPLACED ADAPTERS AN816-40 & MS 20913-10 PLUG. CLEANED LINES - ADJUSTED GAUGE. OP CKS OK. REPLACED RH MAIN TIRE & TUBE WITH GOODYEAR FLIGHT CUSTOM 15X600-6 8PLY TIRE & 15X600-6 4PL TUBE. REPLACED ELEVATOR ATTACH HARDWARE FOUND TO BE WORN. 2 ea 1712456-1 BUSHING, 2 ea 1732039-1 PIVOT RETAINER, 2 ea MS 27041-6 BEARING & 2 ea NAS 6606017 Bolt. REPLACED PROP CONTROL CABLE PN# 345-085-4 Tom Solari 93445544
November 30, 2004	2038.9		INSPECTED PROPELLER REPAIR ON PROPS YORE SCREW found to be unworthy. Tom Solari 93445544 AD.

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V/N : 107/11
1-60203-1

177, 177RG

PO# 9164

V/N : 107/11

AIRBORNE APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Jan 5, 2005			TACH 2057.2. Removed Engine for Budstueve inspection. Engine inspected by Matthew Curatone WO# 31323. Tom Sebald 934455441A
March 3, 2005			TACH 2057.4. Engine Reinstalled after Testdam inspection. Engine run for performance and leaks. Airframe inspected for 100 hour inspection. Replaced LH main wheel bearings. Lubed all pulleys. Serviced wheel bearings. Set rails inspected. Lubed pulley (main) system fuel system inspected. Replaced RH flap with removable used flap due to Budstueve. Aircraft determined to be in airworthy condition and returned to service. ELT 10/05 FAN 914070. Tom Sebald 934455441A.
March 14, 2005			TACH 2060.2 REPAIRED WIRE IN ENGINE COMPARTMENT for NOSE down LOCK SWITCH. Replaced RH MAIN DOWN LOCK SWITCH PN 2070017 & REPLACED RH DOWN LOCK SWITCH HOLDER (MAGNET) PN 2070026-2. Gear cycled numerous cycles with all good indications. Tom Sebald 934455441A
3/24/05			REPLACED GEAR WARNING SWITCH, ^{ACTUATOR} SWUNG GEAR OPS CK'S GOOD. REPAIRED HINGERS ON COCKPIT DOORS, OPS CK'S GOOD. Lance Adams 2210218 JA

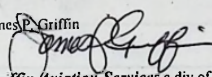
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April 13, 2005		TACH 2099.9	CHANGED OIL - FILTER. INSTALLED 2 QTS 20-50 Type M oil & 1 in CH 48103 FILTER. Aft RETURNED TO SERVICE. Tom Sebald 934455441A
April 18, 2005		TACH 2091.0 Hobbs: 923.0	DISASSEMBLED NOSE GEAR STRUT & INSTALLED SEALKIT PN TENS-1 BY TRIMCRAFT AVIATION. SERVICED 1/2 IN 5606 FLUID TO SPEC HEIGHT. REPLACED TWO NOSE GEAR DOOR HINGE PN- 2052007-1. REPLACED TWO NOSE GEAR DOOR LOCKWRENCH # 2052036-1, NEW BUSHINGS PN \$1896-421. NOSE GEAR LH & RH TEE BRACKETS PN 2043042-1, 6 COMBINE PN MS35489-24. Aft RETURNED TO SERVICE Tom Sebald 934455441A
May 5, 2005		TACH 2099.4 Hobbs: 933.8	REPLACED TAXI LAMP BULB W/ NEW T509 LAMP. OPT CKS GOOD Tom Sebald 934455441A
			5:20:05 TT 2112.1 Serviced battery, R&R alternator PWS on POOF103005, s/w on FO10709 Ref. opt & good Griffin W20 37052 Davidly get for Griffin Aviation CR# GENR172K-end-

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May 21, 2005		Tach 2113.7	Repaired faulty ground wire in nose gear down lock circuit. ops checks good. Tom Lata 93445544 N
			Cessna 177RG N52713 S/N 177RG1255 W.O.#: 37052
			5-20-05 - Tach: 2112.1 - On this date, removed and replaced defective alternator (P/N: DOFF10300J S/N: F10709) w/overhauled alternator (P/N: DOFF10300J S/N: F10709). Tensioned belt and safetied. Removed battery and serviced/charged. Reinstalled battery and secured. Ran engine and ops checked electrical system. Electrical system check, OK.
			By, James P. Griffin 
			For, Griffin Aviation Services a div of Griffin Avionics, Inc. Hyalis, MA 02601 FAA CRS GN1R172K
June 21, 2005		TACH 2121.9.	oil & FILTER CHANGE. 8 QTS 15-50 Aeroshell & 1 can oil 48103-1 FILTER. Installed 2 ea Michelin Conдор TIRES 15x6.0/-6/6/120 PN 072-449-0. Installed 2 ea \$1810-600 FLEXIBLE BRAKE LINES, 4 ea 066-03000 BRAKE LINEXES. REPLACED LH COWL FLAP CABLE \$1391-27. REPLACED LH GEAR ALUMINUM BUSHING W/RE PN 2000010-1. REPLACED O-RINGS 2 ea MS28775-017 & 1 ea MS28775-110 upper brake line brake fittings. Installed new 2070021-1 RH gear downlock switch. Repaired switches. gear cycled 15+ cycles ops checks good. A/R returned to service Tom Lata 93445544 N
			AD 87-20-23 R CW by inspection of seat rails 7 Tom Lata
			AD 2002-26-01 Inspection of injection lines. C/W 93445544 N

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June 28, 2005		TACH 2127.4	Replaced NOSE GEAR SAFETY SWITCH PN 60ZEN67-68. Aft jacked & gear cycled several cycles. Installed as per Cessna Service Manual Section 574A. Replaced oil cooler inlet seal PN 2050083-4. Aft returned to Service Tom Lohr 93445544 AP
August 4 2005		TACH. 2150.9.	REMOVED ALL ORIGINAL TOP & BOTTOM COWL FASTENERS & REPLACED WITH MIL SPEC C-20LK (LOOKING FASTENERS SERIES 4000. INSTALLED AS PER DOCUMENT # MS-CC-1 REV A Dated 10-01-04 Mil Spec Products 352-735-0065 Tom Lohr 93445544 AP
August 25, 2005		TACH. 2160.6	100 HR. INSPECTION COMPLETED. NO E7-20-03R2 SEAT TRACK INSP C/W BY VISUAL INSP. AD 2002-26-01 C/W FUEL INJECTOR LINES BY VISUAL INSPECTION. ELT INSP C/W BY FUNCTIONAL CHECK AS PER 91.207D. Rottor due 10/05 Replaced RT brake caliper & ring. wheels & bearings lubed at 2121.9. Brakes inspected. Night controls inspected. Landing gear cycled & reubed. all lights inspected. Aft washed - Engine washed - Functional Run C/W for Series & performance. Verify this aft has been inspected IAW a 100 HR inspection and is determined to be in airworthy condition Tom Lohr 93445544 AP
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10/10/05	Tach 2158.4		Installed new FLT BOLT - Done again 11/07, checked per FAR 91.207D OK St. John Yarn - (John Yarn TACH 2158.4)
October 15, 2005	TACH 2189.8		Replaced Landing Gate Bolt. On cks good Tom Sabata 93445544 AP
October 24, 2005	Tach 2195.1		Installed Thrust IN TONS-1 nose strut seal kit secured with new 5606 Hup Thrust Tom Sabata 93445544 AP
December 1, 2005	TACH 2218.4		Repaired RH Camper Assy. Installed new MS 28718-224 Packing a BCD BRACKS. DP Cks OK A/Ct returned to service Tom Sabata 93445544 AP
February 15, 2006.			Inspected Engine for compliance of AD 2005-19-11 (2) CRANKSHAFT P/N SN. THIS ENGINE CRANKSHAFT IS PART # LW 12375-7 SN I 155-27. AD 2005-19-11 IS NOT APPLICABLE AS PER THESE #S. SB 566+569 ALSO ARE NOT APPLICABLE due to Part # SN. Tom Sabata 93445544 AP.

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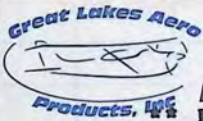
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MARCH 12, 2006 TACH TIME 2241.6 TKT: 2241.6			
TSMOH 468.9			
AIRCRAFT INSPECTED FOR ANNUAL INSPECTION. ALL PANELS REMOVED-INTERIOR REMOVED, WHEELS REMOVED, BEARINGS INSPECTION & LUBED. STRIPPED LANDING GEAR LEGS TO BARE METAL TO REMOVE CORROSION. Etched, primed & painted legs. INSTALLED NEW CLEVELAND BRAKE DISC # 164-30615-1, 2nd. INSTALLED NEW BRAKE pads 4th # 060652. Replaced INSTANT AIR FILTER WITH NEW K&N RAD9-18-1. Replaced VACUUM REGULATOR FILTER PN ARB 35-1, NEW BLANCHETT AIR FILTER PN# BA 5705. INSTALLED NEW TAXI/LDG LIGHT SWITCH PN TTGC-TA201TW-B. Replaced ALTERNATOR CIRCUIT BREAKER WITH NEW 55AMP PN# S1232-55. REMOVED ATTITUDE GAUGE PN C661076-0101 SN R8360F & INSTALLED SIGMA Tach PN 10149-012 SN TB92610. Replaced ALTERNATOR BUS BAR, OVERHAULED SHIMMY DAMPER. INSTALLED NEW END CAP (BEARING) PN 2043014-12 AND ALL ASSOCIATED O-RINGS. ALL LIGHTS FUNCTIONALLY CHECKED. ALL FRICTION POINTS LUBED. L&P OPERATED MANUALLY-EXTENDED & NORMAL CYCLE C/P. FLIGHT CONTROLS INSPECTED & LUBED. PLACARDS INSPECTED FOR PRESENCE & CONDITION. SEAT RAILS INSPECTED FOR CONDITION AS per AD 87-30-03 R2. ECT INSPECTED FOR CONDITION & OPERATION as per AD 2005-26-10 NA. FOR FCI CYLINDER HEADS ONLY. CN AD 99-24-10 PRECISE FLIGHT INC. INSPECTION of attachment-controls-placards & operation. AD 2002-26-01 Fuel injection line clamp & condition inspection c/p. ECT BATTERY Due Replacement at 11/07-checked ECT →			
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Apr 17 2006		Tach 2260.8	Battery removed & specific gravity checked 1150-1175 - low. 12.67 VDC. Removed gas & pos cable & cleaned & REINSTALLED. checked Log gear pump motor fluid level - found full. Alternator belt found tight Tom Sabat 9344554411
May 6, 2006		Tach 2272.1	Aircraft grounded for tachometer fluctuation Determined that tach cable has wear. New cable ordered. Aircraft flown with no abnormal readings fluctuations only 10-50 RPM. Checked Tach RPM indications with calibrated instrument results as follows: average RPM difference in actual readings on 50 RPM low on aircraft to calibrated gauge. (ex) Aircraft test 2150 - Instrument 2200. Aircraft returned to service this date Tom Sabat 9344554411
May 9, 2006		2272.1 tach	Replaced Tach Cable assembly - complete housing & cable with part # 10-16100 Assy. Ran aircraft and found steady tach. Aircraft returned to service Tom Sabat 9344554411

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			MANUFACTURED BY: GREAT LAKES AERO PRODUCTS, INC. FLINT, MI U.S.A.
DO NOT LOOSE THIS TAG... IT CAN NOT BE REPLACED!!! ** FAA / PMA APPROVED PART **			
ITEM: VENT WINDOW (RH OR LH) (CLEAR) PART NUMBER: W-1026 AIRCRAFT MAKE AND MODEL: CESSNA 177, 177A, 177B, 177RG			
SERIAL NUMBERS: ALL			
MANUFACTURE DATE: 04-11-2005 MANUFACTURE CODE: 1093645 FOR CONTINUED AIRWORTHINESS SEE P.O.H. OR AIRCRAFT MANUFACTURERS SERVICE MANUAL			
(810) 235-1402 915 Kearsley Park Blvd, Flint, MI 48503 www.glapinc.com			
			MANUFACTURED BY: GREAT LAKES AERO PRODUCTS, INC. FLINT, MI U.S.A.
DO NOT LOOSE THIS TAG... IT CAN NOT BE REPLACED!!! ** FAA / PMA APPROVED PART **			
ITEM: DOOR WINDOW-RH (CLEAR) PART NUMBER: W-2148-RH AIRCRAFT MAKE AND MODEL: CESSNA 177, 177A, 177B, 177RG			
SERIAL NUMBERS: ALL			
MANUFACTURE DATE: 05-05-2006 MANUFACTURE CODE: 1108518 FOR CONTINUED AIRWORTHINESS SEE P.O.H. OR AIRCRAFT MANUFACTURERS SERVICE MANUAL			
(810) 235-1402 915 Kearsley Park Blvd, Flint, MI 48503 www.glapinc.com			

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 MANUFACTURED BY: GREAT LAKES AERO PRODUCTS, INC. FLINT, MI U.S.A. DO NOT LOOSE THIS TAG... It CAN NOT BE REPLACED!!! FAA / PMA APPROVED PART ** ITEM: DOOR WINDOW-LH (CLEAR) PART NUMBER: W-2148-LH AIRCRAFT MAKE AND MODEL: CESSNA 177, 177A, 177B, 177RG SERIAL NUMBERS: ALL <i>Inst 13 May 06 N 5270</i>  MANUFACTURE DATE: 05-05-2006 MANUFACTURE CODE: 1108519 FOR CONTINUED AIRWORTHINESS SEE P.O.H. OR AIRCRAFT MANUFACTURERS SERVICE MANUAL (810) 235-1402 915 Kearsley Park Blvd, Flint, MI 48503 www.glapinc.com			
 MANUFACTURED BY: GREAT LAKES AERO PRODUCTS, INC. FLINT, MI U.S.A. DO NOT LOOSE THIS TAG... It CAN NOT BE REPLACED!!! ** FAA / PMA APPROVED PART ** ITEM: VENT WINDOW (RH OR LH) (CLEAR) PART NUMBER: W-1026 AIRCRAFT MAKE AND MODEL: CESSNA 177, 177A, 177B, 177RG SERIAL NUMBERS: ALL <i>Inst 13 May 06 N 5270</i>  MANUFACTURE DATE: 04-11-2005 MANUFACTURE CODE: 1093644 FOR CONTINUED AIRWORTHINESS SEE P.O.H. OR AIRCRAFT MANUFACTURERS SERVICE MANUAL (810) 235-1402 915 Kearsley Park Blvd, Flint, MI 48503 www.glapinc.com			

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			TOTAL brought forward from previous page
			May 11, 2006 Tach 2272.9. Installed new Plexiglas windows on Picott & Colpotts Doors. See preceding pages for P's of windows. Attached as per Reg of FAR 43.13. APPENDIX D. Aircraft returned to service Tom Sobel 93445544 AP
			July 8, 2006 Tach 2305.6 Replaced Defective Precise Flight VALU-MAN SWITCH with new Replacement. Relocated switch to LOWER RH Instrument Panel corner for accessibility. op checks good. Replaced 109 WRE BUCKS with new bulb. op checks good. Tom Sobel 93445544 AP
			checked Present List of AD's. AD 2006-06-16 Lycoming crankshaft (NA) TO THIS Engine. overhauled 2006 Tom Sobel
			AD 2006-10-21 - NA due to Lycoming connecting Rods installed + mod of engine Tom Sobel
			AD 2006-12-07. NA due to new Lycoming cylinder installed 2001 @ overhaul. Tom Sobel

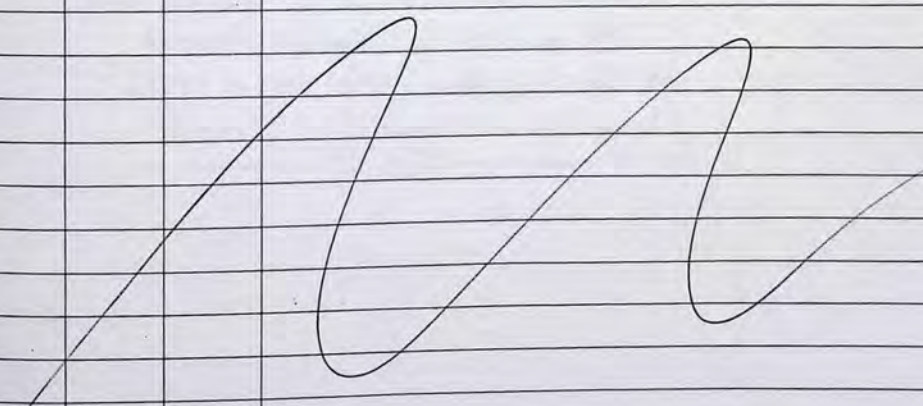
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July 10, 06		TACH 2307.0	Removed TURN Coordinator MODEL [#] 1394T100-3 (7RZ) and installed NICKHAWARD 1394T100-7RZ SN A06-11273. Removed SN 1-7610-242 ON CRS ON ground cr. Tom Sabat 93445544AP sec conformity sheet on front cover of log.
August 24, 2006		TACH 2327.5 / 554.5 SMOH / 132.1 SMOH	CHANGED OIL & FILTER 12A CH48103-1 FILTER & 8 QTS 15-50 ARROSHILL. INSTALLER REPLACEMENT CO-PILOT Seat Buck LOCK PINN BORN LIFTH SIDE. Aircraft returned to service Tom Sabat 93445544AP.
9/21/06		Tach 2341.0	Greeted All wheel bearings. Installed new Cowl Flap cable Right Side PIN 51391-27. Installed missing screws in Both wing tips, Reinstalled Arm on left vent window, Installed new Plastic bushings on Nose Gear Door hinge & new Attach hinges - PIN 2052005-1 & 2052005-2. Installed new Grassie on Nose Gear Door PIN M335489-34 Shawn Kamm TA564108523

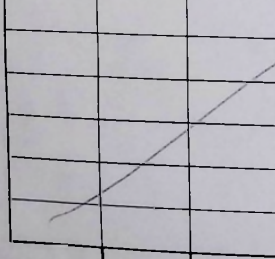
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9/28/06	2341.0		INSTALLED ACT AIR DOOR P/N 1650019-6 SECURED COWL FLAP COWL FLAP CONTROL SUPPORT AND LH DOOR KIOSK GEAR DOOR SUPPORT P/N 2052020-1 AND EXHAUST SYSTEM. <i>James</i> <i>Smith AP56440670</i>
9/29/06	2341.5		Installed Frwd nose gear door Retract Lwr clevis and adjusted for proper fit Retracted Landing through 5 fault free cycles ok @ this time. <i>James & Phil</i> <i>Asst 7562762717.</i>
10/6/06	2352.7		Installed Wilco mirror on Left wing for Gear position - See 337 for further Details <i>Shawn Hannan IA56408525</i>
			

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10/23/06	2361.2	2361.2	Due 10/23/06 2361.2 2361.2 I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. By: [Signature] 2361.2 2361.2 (IA)
			1. clw 87-20-03R by Insp o/c Due 10/07 2. Installed window placard on Both vent windows 3. Replaced Right Cowl Flaps Cable clw 9/21/06 4. Installed new Bushings & Grummets on front Nose Gear door clw 9/21/06 5. Replaced vent window handle - clw 9/21/06 6. Rewrapped loose wires under panel 7. Replaced vac Reg. Filter 8. Installed new oil Cooler Boot on Cowl 9. Installed Cap on Static Line under Floor 10. clw Accise Flight ICA bi Annual Inspection IAW Accise Flight Instructions Section 3.3.3 11. Made Placard vent to fire selector valve Part on order for Permanent Placard 12. clw Inspection IAW PSSWA 177 RG Service Manual Inspection Checklist <u>End</u>
			

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			11/10/2006 Tach 2362.8 N52713 Replaced nose gear door hinges, turnbuckles and clevis pins. Swung gear several times, ops cks good. REplaced nose strut lowerseals, fluid and nitrogen serviced. Inspected & tested sparkplug wires, sparkplugs tested and gapped. <i>Shawn Hannah</i> 22102187A
12/15/06	2377.0		Removal Cessna Tail Beacon Installed New Whelen LED Flashing Beacon Model 710550M - No weight change - update Equipment List - operation ok. <i>Shawn Hannah</i> IA56405523
12/20/06	2377.0		Installed H10 Landing Light Sec 337 for further details - Removed ANF Receiver & Indicator & wiring - updated weight & balance & Equipment List - <i>Shawn Hannah</i> IA56405523
12/22/11	2377.0		Removal GENCO - sent out for Repair - Tracking #016128-501 by Jimmy H. Just Reinstalled weight checks ok - <i>Shawn Hannah</i> IA56405523
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3/2/07	2387.9		R+R master switch p/N 1843-1 and 1994-1-1. R+R pitot heat, beacon, Woy and Strobe switches p/N 7A201TW-R. cleaned #4 Fuel injector. Disassembled pitot side door latch mechanism 1 inch adjusted as required. Resured CHT probe terminal #3 cylinder R/R 59562381 V+P
4/10/07	2399.4	2399.4	Replaced Lt and Rt fuel caps. p/N C156003-0101. Replaced nylon bearing Lt side outboard front nose gear door. p/N S1896-4L1 R/R 59562381 V+P
4/24/07	2421.7	2421.7	Adjusted flap down limit switch FMS Cassin Service Manual section 7-21. Performed op's check. no defects noted R/R 59562381 V+P
6/6/07	2454.0	2454.0	On: <u>6/6/07</u> To: <u>2454.0</u> Hrs I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. By: <u>Steve Namm</u> AEP 55108523 (IA) 1) C/W 8-7-20-03R2 by Inspection per AD & 2583-6 at 4 hrs due next Annual 2) C/W Inspection on Aerite Flight Standby, vac system 3) Replaced Missing Rivet on Engine Cowling 4) Adjusted Left Nose Gear Door to shut completely
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6/6/07			5) Tightened Belts on Stabilizer fitting - Both sides. 6) Placed Top of fuel tank assembly in Gullbas. 7) Installed screw into crack in dorsal fin upper fairing 8) Replaced Transom Plate in wing panel Right wing outer panel (Round) 9) Chw Insp. IFAI CROSWA 177 RG Service manual / Insp. Checklist - 10) Installed new starter Solenoid P/N 111-1380 11) Removed Both Pilots & Co-Pilots Door - Grease Pins. Installed new Pins on Right Door - — <u>Jim Nunn</u> IAS6408523 — <u>End</u> —
10/1/07	2543.1		Installed new Parking Brake Cable P/N 2060020-115 - Test inspection ok - <u>Jim Nunn</u> IAS6408523
11/6/07	2548.5		Disconnected Standby Vac system to test for #4 cylinder Running leaving from other cylinders - Placed Panel Standby Vac Insp - <u>Jim Nunn</u> IAS6408523
11/7/07	2550.2		Removed ELT for Repair - Placed Panel
	DMS: 5/149		ELT out for Repair 11/07 - <u>Jim Nunn</u> IAS6408523

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11/20/07	2553.6		Installed New ELT Model AK-450 c/n 490458 - Installed Replaces Acc for Replacement 1/2012 - Installed Remote Switch co-pilot's side in upper instrument hole - Tested ELT Acc 91.207(d) Installed New Marking 45-600-6 & New Yabes - Reconnected Standby ilac. system test system ok - Removed Placard for ELT & Standby ilac system being incorp. Installed ELT in same location as old one Removed weight - Difference Negligible - Installed ELT per Document # IM 450 Installation & operation Manual - Shm Numb IA5240522
11/26/07	2554.8	2554.8	Date: 11/26/07 Tech 2554.8 Firs. I certify that this aircraft/engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Dr. Shm Numb A&P 564085231A 1 c/w 87-20-03R2 by Inspection per AN & DEF-6 ok at this time due next Annual 2 c/w Inspection on Precise Flight Standby ilac. system IFA by Annual Insp. IAW Precise Flight Instruction Section 3.3.3 3 c/w Insp. IAW Cessna 177R Service Manual Inspection Checklist & Installed New Buckle Parts Both Mann End

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12/6/07	2555.6		Remove ELT 9 Remote - AK-450 New ELT 9 Remote along with New wire - S/N 490657 - AK-450 ^{same location} Due 1/12 Remote 1/12 Tested unit per FAR 91.207d. ok at this time - <i>Jim Hamlin</i> IA56405523
	2570.3		
Registration: N52713 Make: Cessna Model: 177RG S/N: 177RG1255 Page: 1 of 1 Work Order: 15372 Date: 3/3/2008			
Item	Discrepancy	Corrective Action	
1	FAR 91.411 and 91.413 Certification (IFR Certification)	The transponder, altimeter, altitude reporting, and static system tests required by FAR 91.411 and 91.413 have been performed to 20,000 feet and comply with FAR 43 appendix E and F.	
Signature: <i>R. Murray</i>			
Murray Avionics Inc.		FAA Repair Station# AL1R012K	Maintenance Record Entry
3/30/08	2576.4		Installed Auttek 01/02 Air Squeeze door seal on copilot's door. All work was accomplished IAW MFG instructions. <i>AK 59502381 A to</i>
4/2/08	2578.9		Swing Gear to check for possible Green light not coming on - OK at this time - <i>Jim Hamlin</i> IA56408523
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8/19/08	2640.8		Installed 2 new Bolts^{Lower Struts} on Nose Gear Drag Link - AN5-20 & AN5-16 on Center Link - original Bolt Shear in the center of Drag Link Installed new washers & nuts & cotter keys - Note Bolts should be taken out Every 100 hrs & Lubed & Reinstalled - no grease fittings Installed new High Voltage Light - Lower Left hand on Instrument panel - system checks ok John Hannan TASA408523
9/23/08	2688.6		Installed new Zettronics voltage Reg. All R15000 Rev A s/n W14237 in accordance with Zettronics Installation Instruction ZCC000 Rev A Removed Cessna Overheat Sensor - Check system ok John Hannan TASA408523
10/2/08	2661.0	2661.0	Date: 10/2/08 Tech 2661.0 Hrs. I certify that this aircraft/engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. By: John Hannan A&P 56408523IA ACW 87-20-03R2 by Insp. per AD 45E83-6 ok Due next Annual ACW Recirc Flight Standby Due System Inspection IAW Recirc Flight ICA Instructions ok Due next Annual ACW Insp. IAW Cessna 177RG Maintenance Manual Inspection checking & checked ELT Per 91.207d ok - End

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