Book #4

Aircraft Record General Information

Manufacturer Cessna **Model** 172L

Serial 17260061 **Registration Number** N3961Q

Date of Manufacture

Engine(s) currently installed:

Manufacturer Lycoming **Model** 0320-E2D **Serial** L-30083-27A

Manufacturer **Model** **Serial**

Propeller(s) currently installed:

Manufacturer McCauley **Model**

HUB Model 1C160/CTM **Serial** 710421 **Serial**

Blade Model **Serial** **Serial** **Serial**

Blade Model **Serial** **Serial** **Serial**

Carolina Avionics Maintenance Group

Date: 12/29/11 Registration: N3961Q

TACH: 4979.9

Removed loaner airspeed indicator. Installed overhauled airspeed indicator p/n: SP5174-0103-CES s/n: 2464.

"Pertinent details of the repair are on file under invoice No.172

Greg Bove A&P 3015153

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KRUQ- Rowan County Airport
3680 Airport Loop Rd
Salisbury, NC 28147
(704) 310-1421

N 3961Q

Make:Cessna **Model: 172L** **S/N:17260061**
Date:1/18/2013 **Tach/Hobbs:5069.2**

Performed **Annual Inspection** of this aircraft referencing 172 Maintenance Manual Inspection Guide; removed all inspection panels both inside the fuselage, wings, and cowlings, inspected and lubed all flight controls. performed lighting test; performed flight control travel tests; Cable tensions checks.

Tested ELT for proper function per FAR 91.207 para d. (battery expiration date ; Oct 2013)

Repairs performed during inspection:
Replaced instrument air filter P/N D9-14-5, Vacuum Relief filter P/N B3-5-1& Bracket air filter P/N 6108.Counter sunk flap insp panels to prevent chafing into flap well. Replaced flap buttons P/N S1093-1.replaced several chafed rivets on RH & LH flaps P/N CR3212-4-2 Cherry rivets. Applied spiral wrap to oil pressure line under instrument panel. Replaced two rivets on pilots seat track, using CR2413-4-5 Cherry rivets. Cleaned gascolator screen, reassembled with new o-rings P/N M83248-1-138 &111.Adjusted aileron carry

(continued)

through cable to 40 lbs. Replaced RH & LH brake linings P/N 66-105.Installed spacer onto center rudder hinge to prevent chafing. Secured wire bundles @ RH kick panel, under cabin floor, & aft cabin floor with ty-wraps & spiral wrap. Secured wire bundles @ flap motor, courtesy light with ty-wraps & spiral wrap. Applied chafe pad @ fuel strainer control, RH top eng mount. Serviced battery

AD compliance as follows:

C/W AD 2011-10-09; Inspection of seat tracks ,seat rollers, locking pins & guides with no defects noted @ this time. C/W AD 76-07-12; Operational ck of Bendix ignition switch, operated normally @ this time.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and is approved for return to service at this time.

Stephen B. Beckham AP/IA 3640025

DATE: 1/29/13 REGISTRATION: N3961Q TACH TIME: 5071.2
ENGINE TT: 5071.2 ENGINE TSMOH: 938.2

Removed carburetor heat control cable and replaced with new FAA-PMA cable from McFarlane Aviation, part# MCS1230-17.

Stephen B. Beckham A&P 3640025

MCS1230-17
Control (Carb Heat)
FAA-PMA
Qty 1

McFarlane®
www.mcfarlaneaviation.com
800.544.8594
Made in U.S.A.
Lot # 31631

Installation eligibility is per FAA-PMA No. PQ3732CE and the latest FAA approved revision of McFarlane Eligibility Drawing 6087. This

YEAR: / DATE	RECORDING TACH TIME	TODAY FLIGH

FAR 91.413

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

TRANSPONDER #1	MAKE: Narco	MODEL: AT155	S/N: 10735
TRANSPONDER #2	MAKE:	MODEL:	S/N:
DATE: 4-8-2013	WO: 6117	INSPECTOR: Richard Ellington	

CAROLINA AVIONICS GROUP, LLC

FAA APPROVED REPAIR STATION # QCCR-389K

FAR 91.411

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

ALTIMETER CERTIFIED TO

LEFT	FEET	RIGHT	FEET
	20,000		
S/N:	D9003	S/N:	
DATE:	W/O 6117	INSPECTOR: Richard Ellington	

FAA APPROVED REPAIR STATION # QCCR-389K

ions

r of Technician or Repair

DATE: 10/30/13 REGISTRATION: N3961Q TACH TIME: 5117.8
AIRFRAME TT: 5117.8

YEAR:	RECORDI TACH TIME
DATE	

nnician or Repair

Installed new ELT battery, MERL P/N BP-1020. Performed ELT inspections and function checks in accordance with FAR 91-207(d). Next battery replacement due by January 2016.

Michael E. Spry

Michael E. Spry
Private, ASEL 2693370

YEAR:	RECORDIN TACH TIME
DATE	

THUMBS UP AIR SERVICES LLC

ician or Repair

DATE: *1/30/2014* REGISTRATION: N3961Q TACH TIME: *5131.5*
AIRFRAME TT: *5131.5*

Aircraft inspected in accordance with an annual inspection per FAR 43 appendix D and Cessna 172 inspection checklist. Performed all routine maintenance items. Checked fuel strainer. Lubed all flight controls. Installed new B3-5-1 vacuum regulator filter. Installed new D9-14-5. C/W ELT function check in accordance with FAR 91.207(d). **ELT battery due change by JAN 2016.** Found for S378-1 pulleys binding due to previous years of un-need LPS 3 lubrication. Cleaned and loosened pulleys, the aft two elevator trim pulleys are recommended to be replaced due to stiffness. Parts on order and owner has acknowledged the need for future replacement. While freed up, they are still tight and will be changed once parts and time allow as preventive maintenance. AD /W AD 76-07-12 of ignition switch by function check. AD 08-10-02 and 08-26-10 checked and no defects in static valve noted, no logbook entry of change during period. AD 99-04-04 N/A by engine model. C/W AD 11-10-09 by visual and measurement inspection of seat rails, seat pins, rollers, and tangs. AD 11-26-07 N/A by engine model. All AD's checked thru Bi-Weekly 2014-01, see AD sheet.

I certify that this **AIRFRAME** has been inspected in accordance with an **ANNUAL** inspection and has been determine to be in airworthy condition and is approved for return to service.

YEAR: DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)

THUMBS UP AIR SERVICES LLC

DATE: 3/15/2014 REGISTRATION: N3961Q TACH TIME: 5742.0
AIRFRAME TT: 5742.0

Installed new aft elevator trim pulley's part no. MCS378-1 both top and both. Adjusted elevator trim cable tension. Performed operational checks all checks satisfactory at this time. I certify that this **AIRFRAME** has been repaired and has been determine to be in airworthy condition for the above mentioned work and is approved for return to service.

Michael A. Strickland
A&P 3544968

YEAR: ____ DATE	RECORDING TACH TIME	T F			S Technician or Repair

TRANSPONDER CERTIFICATION LOGBOOK ENTRY

THIS TRANSPONDER WAS TESTED AS REQUIRED BY FAR PART 91.413a AND FOUND TO BE WITHIN THE LIMITS SPECIFIED IN FAR PART 43 APPENDIX F.

DATE 11/06/14 S/N 10735

TYPE AT-155 INSPECTOR Don Frank

FLIGHT CONTROL SERVICES

CERTIFIED REPAIR STATION #0FHR414L

5550 N AIRPORT RD, MILTON FLORIDA 32583

MILTON AIRPORT 2R4 TRANSPONDERREPAIR.COM (850) 665-2130

YEAR:	RECOF TACH TIME
DATE	

echnician or Repair

THUMBS UP SERVICES, LLC

DATE: 02/25/2015 REGISTRATION: N3961Q TACH TIME: 5227.7
AIRFRAME TT: 5227.7

Aircraft inspected in accordance with an annual inspection per FAR 43 appendix D and Cessna 172 inspection checklist. Lubed aircraft. Checked fuel strainer. Installed new B3-5-1 vacuum regulator filter. Installed new D9-14-5. Installed new RA164-04000 brake disc with new 66-105 linings on both mains. Inspected and repacked all wheel bearings. Serviced nose strut. Removed RAC11A-15 sent to Aircraft Quality Instruments for O.H. same unit re-installed, (Job order 54898) 8130 on file. C/W ELT function check in accordance with FAR 91.207(d). ELT battery due change by JAN 2016. AD /W AD 76-07-12 of ignition switch by function check. C/W AD 11-10-09 by visual and measurement inspection of seat rails, seat pins, rollers, and tangs. All AD's checked thru Bi-Weekly 2015-03, see AD sheet.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and has been determine to be in airworthy condition and is approved for return to service.

Michael A. Strickland
A&P 3544968 IA

YEAR:	RECORDIN TACH TIME
DATE	

DATE: 1/17/16 REGISTRATION: N3961Q TACH TIME: 5292.3
AIRFRAME TT: 5292.3

Installed new Concorde RG-25XC aircraft battery, serial# 40772370. Battery is exact replacement for existing battery installed in accordance with STC# SA01118WI. See 337 form dated 7/2/2007.
Installed new ELT battery, MERL P/N BP-1020. Performed ELT inspections and function checks in accordance with FAR 91-207(d). Next battery replacement due by March 2018.

Michael E. Spry

Michael E. Spry
Private, ASEL 2693370

nician or Repair

YEAR:	RECORDI TACH TIME
DATE	

THUMBS UP SERVICES, LLC

DATE: 03/16/2016 REGISTRATION: N3961Q TACH TIME: 5301.4
AIRFRAME TT: 5301.4

Aircraft inspected in accordance with an annual inspection per FAR 43 appendix D and Cessna 172 inspection checklist. Lubed aircraft. Checked fuel strainer. Installed new B3-5-1 vacuum regulator filter. Inspected all wheel bearings repacked nose wheel bearings. C/W ELT function check in accordance with FAR 91.207(d). ELT battery due change by MAR 2018. Installed new Airhawk 5.00 X 5 nose tire serial no. B3D24315 and new tube (Aircraft Spruce part no. 06-08300). Installed new BA-6108 air filter. Installed new stall warning reed part no. S24881. Function check on ground by physical suction on stall opening. Owner stated that plastic housing was previously installed by another maintenance facility. Recommended owner perform an in-flight operational check and report back. Serviced brake master cylinders. Retorqued right wing fuel sending unit screws. AD 08-02-18 N/A not installed, AD 11-06-02 N/A not installed. AD /W AD 76-07-12 of ignition switch by function check. C/W AD 11-10-09 by visual and measurement inspection of seat rails, seat pins, rollers, and tangs. All AD's checked thru Bi-Weekly 2016-05, see AD sheet.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and has been determine to be in airworthy condition and is approved for return to service.

Michael A. Strickland

hnician or Repair

YEAR:
DATE

YEAR:	RECORDING TACH TIME
DATE	

ician or Repair

THUMBS UP SERVICES, LLC

DATE: 03/28/2016 REGISTRATION: N3961Q TACH TIME: 5303.0
AIRFRAME TT: 5303.0

Aircraft stall warning system flight check was unsatisfactory. Owner stated that while the system worked when on the ground pre-flight suction test, during flight no horn could not be heard during slow flight at a speed in which the horn should sound. Furthermore, during a certain descending angle of attach the stall horn would, with a high indicated airspeed, sound until the angle of attack was decreased. Further test on the ground validated the new reed would sound with both positive and negative pressures. Installed new horn assembly part no. 0713348-1 (which superseded the original Cessna part no. 0413483-1). Performed ground checks with a stall horn tester from Aircraft Spruce part no. 1401021 and found test satisfactory. At no time was the stall opening repositioned during any of the maintenance performed, all locations were indexed and with marks and returned to the exact location. Recommend owner perform another in flight functional test and enter results in logbooks.

I certify that this AIRCRAFT has been inspected in accordance with the above mentioned work and was determine to be in airworthy condition and is approved for return to service.

Michael A. Strickland
A&P 3544968

YEAR: ____ DATE	RECORDING TACH TIME	TO FL

or Repair

DATE: 03/30/2016 REGISTRATION: N3961Q TACH TIME: 5303.3
AIRFRAME TT: 5303.3

Aircraft flight test conducted to check stall warning system. No defects noted during test all operations seem to be normal.

Michael Spry
Michael Spry
Private Pilot 2693370

YEAR: ____ DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)

FAR 91.413

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

TRANSPONDER #1	MAKE: Narco	MODEL: AT155	S/N: 10735
TRANSPONDER #2	MAKE:	MODEL:	S/N:
DATE: 11-8-2016	WO: 7664	INSPECTOR: Richard Ellington	

N3961Q *CAROLINA AVIONICS GROUP, LLC*
FAA APPROVED REPAIR STATION # QCCR-389K

DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

*03/22/20171972 CESSNA C172 L S/N 17260061 N3961Q McCAULEY 1C160 S/N 710421 TACH TIME 5373.2 AFTT 5373.2 COMPLETED ANNUAL INSPECTION THIS DATE, FUNCTION TESTED ELT IN ACCORDANCE WITH FAR (91.207(d) BP 1020 ELT BATTERY DUE 03/2018 AD'S CHECKED THRU **2017-05** THE FOLLOWING APPLY, ***68-17-04** STALL WARNING SYSTEM N/A BY S/N, ***69-15-03** MUFFLER ASSEMBLY N/A, ***71-22-02** CRACKS IN NOSE GEAR FORK N/A BY S/N, ***72-03-03R3** WING FLAP JACK SCREW N/A BY S/N ***74-06-02** AVCON MUFFLERS N/A, ***87-20-03 R2** SEAT TRACKS SUPERSEDED BY AD 2001-10-09 ***76-07-12** BENDIX SWITCHES C/W/I EACH 100 HRS NEXT DUE 5473.2 ***87-20-03R2** SUPERSEDED BY AD 2011-10-08***11-10-09** SEAT TRACK WEAR AND SEAT PIN ENGAGEMENT C/W/I EACH 100 HRS OR 12 MONTHS WHICH EVER COMES FIRST NEXT DUE 5473.2 OR 03/2018, NONE ON PROPELLER.*

----------END----------

I CERTIFY THIS AIRFRAME AND PROPELLER HAVE BEEN INSPECTED IN ACCORDANCE WITH THE PROCEDURES FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE THIS DATE.

-----END------

Robert J. Driver
A&P 3414794 IA

TOUCH & GO AVIATION INC.
W4711 HWY 59 MONROE, WI 53566 (608) 329-7777

YEAR: 2017 DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
Oct 5	5463.2		5463.2	
	Installed new A-510-2 ignition switch per ACS Products Inc instructions, installed diode on starter solenoid. AD76-07-12R1 no longer applies (not Bendix switch). AD 93-05-06, ACS switch next inspection due @ 7463.2 Tach/Total. C/W AD2011-10-09, seats and rails checked, due again @ 5563.2 Tach or next annual.			
				Bruce Lemm A&P #4757627102

YEAR: DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
06-14-2018	N3961Q		5482.5 TACH AND TOTAL TIME	
				ANNUAL INSPECTION-----Installed new Condor 6:00x6x6 tires and 6:00x6 Airstop tubes. Cleaned and packed main wheel bearings. Installed 2 new J7444-14 cowl mounts.
				C/W FAR91:207(d). Installed new BP-1020 battery. Due June 2020.
				C/W AD11-10-09 by visual and dimensional inspection. Due 07-2019 or 5582 tach.
				AD 93-05-06 due at 7482 tach.
				I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Maynard Stensrud AP4815896191A

YEAR: DATE	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 Certifica e Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Cessna 172L Ser# 17260061 N3961Q
				12/6/2019 5494.0 Tach & Total Time
				Annual inspection aircraft. Inspected structure and kin. Inspected and lubricated all control cables, pulleys, hin ges, linkages and bellcranks. Serviced wheels, brakes, nose trut and battery. Tested ELT I/A/W FAR 91.207(d) -Batter replacement due: June 2020. C/W AD's 11-10-09 seat rack &pin inspection, 18-02-04 muffler body to cuff weld.
				I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition.
				Bryce Klinger A&P 2225109 IA

DATE			
			Cessna 172 L Ser# 17260061 N3961Q
			12/30/2019 5496.0 Tach & Total Time
			Removed Whelen left wingtip nav. lite. and installed uAvionix skyBeacon part # UAV-1001856-002 unit in accordance with instructions contained in User and Installation Guide, UAV-1001421-001 Rev.F. ADS-B Out alteration is documented in the aircraft maintenance record log book per section 43.9(a) and include the statement, The installed ADS-B OUT system was shown to meet the equiptment performance requirements of 14 CFR section 91.227.
			Bryce Klinger A&P 2225109 1A