Cessna
A Textron Company

AIRFRAME MAINTENANCE RECORD

Logbook #2

AIRCRAFT SERIAL AND REGISTRATION 172S9797 N10033

RECORD NUMBER 2

D5517-2-13

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.417 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

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: **# N10033** Model: **Cessna 172S** Ser. **# 172S9797**
Date: **12/19/2013** Tach: **3323.8** TT: **3323.8**

Performed 50 Hour servicing IAW Cessna 172S Maintenance Manual.
Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 01/31/2014.
Installed new nut plate P/N: MS21069L08 on bottom cowl.
The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17419.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: **# N10033** Model: **Cessna 172S** Ser. **# 172S9797**
Date: **1/29/2014** Tach: **3369.7** TT: **3369.7**

C/W 100 hour inspection IAW FAR 43 Appendix D with Cessna 172S Maintenance Manual checklists as guides.
C/W AD 84-26-02 by visual inspection of induction air filter, found to be airworthy at this time
ELT inspected and functionally tested IAW FAR 91.207(d) and found to be in airworthy condition at this time.
Installed (2)new L/H brake linings P/N: RA66-105
Installed new pedestal lamp P/N: 1829
Inspected the vacuum pumps IAW Tempest Service Letter 004. No defects found at this time.
Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 02/28/2014
Fabricated doubler from 2024 .032" T3 aluminum and installed on rear engine baffle

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17465.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau, Authorized Inspector
F.A.A. Repair Station #DDER146D

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: **# N10033** Model: **Cessna 172S** Ser. **# 172S9797**
Date: 03/12/2014 Tach: **3422.2** TT: **3422.2**

Performed 50 Hour servicing IAW Cessna 172S Maintenance Manual.
Replaced Right tire with new P/N: 6.00X6 AH.
Replaced Right brake linings with new p/n 066 – 10500.
The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17520.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: **# N10033** Model: **Cessna 172S** Ser. **# 172S9797**
Date: 03/31/2014 Tach: **3456.3** TT: **3456.3**

Replaced tail nav light with new P/N: 307.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17539.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

DATE	TOTAL TIME IN SERVICE			RIZED SIGNATURE, RTIFICATE TYPE & NUMBER
	HOURS	10TI		

Channel Islands Aviation
305 Durley Avenue,Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: **# N10033** Model: **Cessna 172S** Ser. **# 172S9797**
Date: 04/18/2014 **Tach: 3469.2** TT: **3469.2**

C/W 200 Hr / Annual Inspection IAW FAR 43 Appendix D with Cessna 172S Maintenance Manual ch 5-10-01 checklist as a guide.
C/W **AD 84-26-02** by visual inspection of induction air filter, found to be airworthy at this time. Replacement due by Tach: 3773.5 or on condition.
The ELT has been inspected and functionally tested IAW FAR 91.207(d) and found to be in airworthy condition at this time. The ELT battery is due for replacement: 05/2014. Inspected the vacuum pump IAW Tempest Service Letter 004.
Inspected cabin fire extinguisher for serviceability. Next inspection due by: 05/31/2014.
Replaced left tire with new p/n AH6.00-6.
Removed induction air filter box assembly and replaced alternate air door p/n 0550361-24 and hinge p/n 0550364-9.
Replaced 7 cowl shock mounts with new p/n J7444-42.
Replaced lower rudder hinge brackets p/n 0531018-1 & p/n 0531018-2. Replaced hinge bushing p/n 0532104.
Replaced FWD and AFT spinner bulk heads with New p/n 0552231-1 and new p/'n 0550321-12.
Replaced heat exchanger shroud p/n 9954100-3.
Replaced static wick on rudder p/n C592001-0201.
The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17566.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau, Authorized Inspector
F.A.A. Repair Station #DDER146D

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 04/24/2014	Tach: **3477.9**	**T.T: 3477.9**

Performed fuel quantity indication systems check IAW Cessna 172S Instructions for Continued Airworthiness doc. ICA-172-28-00001.
The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17593
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 05/29/2014	Tach: **3509.7**	TT: **3509.7**

Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 06/2014.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17609.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 06/05/2014	**Tach: 3519.6**	TT: **3519.6**

Performed 50 Hour servicing IAW Cessna172 Maintenance Manual.
Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 07/31/2014.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17644.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 06/26/2014	Tach: **3553.7**	TT: **3553.7**

Updated GPS / Nav database. Installed database expires: 07/23/2014.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17654.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE			AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: **# N10033** Model: **Cessna 172S** Ser. **# 172S9797**
Date: 07/02/2014 Tach: **3559.3** TT: **3559.3**

Replaced passengers door window arm spring p/n 0711021-9.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17677.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

DATE	TOTAL TIME IN SERVICE			AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10		

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: **# N10033** Model: **Cessna 172S** Ser. **# 172S9797**
Date: 07/11/2014 Tach: **3568.0** TT: **3568.0**

C/W 100 hour inspection IAW FAR 43 Appendix D with Cessna 172S Maintenance Manual checklist as a guide.
Replaced ELT battery with new p/n 2020-0. C/W FAR 91.207 (d). Next due battery replace on or before: 07/2016.
C/W AD 84-26-02 by visual inspection of induction air filter, found to be airworthy at this time. Filter replacement due by Tach: 3773.5 or on condition. Next inspection due at Tach: 3668.0
Inspected the vacuum pump IAW Tempest Service Letter 004. No defects found at this time.
Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 08/31/2014.
The ELT (P/N: 3000-11 S/N: 333722) has been inspected and functionally tested IAW FAR 91.207(d) and found to be in airworthy condition at this time. The ELT battery is due for replacement: July 2016
Next inspection due by: 3668.0

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17677.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau, Authorized Inspector
F.A.A. Repair Station #DDER146D

MAINTENANCE RECORD

DATE	TOTAL TIME	WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033** Model: **Cessna 172S** Ser. # **172S9797**
Date: 08/08/2014 Tach: **3623.5** TT: **3623.5**

Replaced aft tie down eye bolt P/N 0422344.
Replaced broken spring on Pilot door swing window with P/N 0711021-9.
Replaced main landing gear valve extenders with P/N 6241M.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17686.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

DATE	TO IN HOU	ATURE, YPE

Beegles Aircraft Service, Inc.
Quality Service Since 1946

GREELEY, CO
REPAIR STATION BX4R092M
(970) 353-9200

12-09-2014 Hobbs 5045.90 N10033 sn 172S9797

Aircraft previously disassembled by Air Transport, wings and tail surfaces removed. **Disassembled aircraft for repair access:** Removed propeller, engine, interior as required, nose gear assembly, and LH & RH main wheel assembly. **Repaired fuselage:** Replaced aft lower tail cone skin pn 0512008-4 at Stations 205.81 to 228.68. Replaced aft tail cone rudder cable fairings pn 0530011-2 at Station 215.00. Replaced tail tie down lug pn 0422344-0 at Station 228.68. Replaced forward belly bulkhead pn 0513505-3 at Station 20.00. Replaced LH keel pn 0513363-23 at Stations 0.00 to 20.00. Replaced RH keel pn 0513363-22 at Stations 0.00 to 20.00. Replaced upper keel plate pn 0513288-1 at Station 8.125. Replaced LH vertical keel angle pn 0513369-1 at Station 0.00. Replaced RH vertical keel angle pn 0513369-2 at Station Replaced LH console side pn 0513368-23 at Station 20.00. Replaced RH console side pn 0513368-22 at Station 20.00. Replaced console shear plate pn 0513378-2 at Station 20.00. Replaced LH bulkhead pn 0513378-2 at Station 8.125. Replaced forward belly skin pn

DATE | NATURE, TYPE

0513520-18 at Stations 0.00 to 20.00. Replaced LH lower engine mount stringer pn 0513511-11 at Stations 0.00 to 20.00. Replaced LH rudder pedal support bulkhead pn 0513488-11 at Stations 0.00 to 8.125. Replaced LH longitudinal belly angle pn 0513000-10 at Stations 0.00 to 20.00. Replaced lower firewall sheet pn 0553031-20 at Station 0.00. Replaced lower firewall doubler pn 0513109-90 at Station 0.00. Replaced lower firewall LH angle pn 0513109-7 at Station 0.00. Replaced lower firewall diagonal angle pn 0513577-1 and 0513577-2 at Station 0.00. Replaced lower firewall angle pn 0513109-9 at Station 0.00. Flame retardant sealed lower firewall. Replaced RH rudder return spring pn 0310196-12. Replaced cowling mount pn J7444-42. Replaced LH & RH forward floorboards pn's 0513512-1 and 0513512-2 at Stations 8.125 to 20.00. **Repaired rudder:** Replaced skin pn 0533150-3.Replaced lower tip pn 0533155-1. Performed painted static balance check. Results: +9.00 inch lbs. Range is 0.00 to 9.00 inch lbs. **Repaired nose landing gear:** Disassembled, cleaned, and inspected nose gear assembly. Resealed nose gear assembly with seal kit pn SK172-1F. Reassembled nose gear with new attach hardware. Serviced nose gear with Mil-H-5606 hydraulic fluid and nitrogen charge. Replaced nose wheel assembly 40-77. Repacked nose wheel bearings. Replaced nose tire Airhawk 5.00x5x6ply pn 30842. Replaced nose tube pn GL-5067. Reinstalled nose gear assembly. **Repaired LH & RH main landing gear:** Disassembled, cleaned, and inspected LH & RH main wheel assembly. Replaced LH & RH main wheel bearings pn 13889 and races pn 13836. Repacked wheel bearings. Replaced LH & RH brake rotors pn 164-04000. Replaced LH & RH brake pads pn 066-03000. Replaced LH & RH tires Airhawk pn 6.00x6x6ply pn 30844.

DATE | NATURE, TYPE

Replaced LH & RH tubes pn GL6020. Reinstalled LH & RH wheel assembly. Checked LH & RH main gear alignment. **Engine:** Reinstalled Lycoming IO-360-L2A sn L-29853-51A after inspection from Western Skyways, Inc. CRS # WS9R575J WO# 050955. Torqued engine mount to firewall as required and existing engine shock mounts as required. Reinstalled existing baffles and exhaust system. Installed new Tempest upper vacuum pump Model # AA3215CC sn 03M122. Installed new Tempest lower vacuum pump Model # AA3216CW sn 052313. Routed and reconnected all lines, hoses, electrical, and controls. Replaced mixture control cable pn MC565-548-041. Performed operational check to controls stop to stop. Complied with AD 2011-26-04, inspection of fuel injection lines and clamps. Serviced engine with Aeroshell 80 mineral oil. Pre-oiled, test run, and checked for leaks. All systems, temperatures, pressures, and RPM's normal. **Propeller:** Installed new McCauley propeller Model # 1A170E/JHA7660 sn

A1J23005 with new attach bolts pn A2513-92. Torqued and saftied as required. **Reassembled aircraft:** Replaced LH & RH wing root fuel hose connections. Reinstalled LH & RH wings and struts. Reinstalled horizontal stabilizer, vertical fin, LH & RH elevators, and rudder. Replaced RH horizontal stabilizer tip pn 0532001-93. Replaced upper elevator cable pn C0510105-391. Rigged flap, aileron, elevator, and trim systems. Performed operational check to control systems. Reinstalled interior as required. **Repainted repairs as required:** Repainted forward lower fuselage, aft tail cone stinger, and rudder with Jet Glo Matterhorn White # 570-535 and Dupont Nason Maroon # 143IB.

MAINTENANCE RECORD

DATE

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been completed at this time, limited to work performed.

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.
Work Order # 12,109 CRS# BX4R092M

Signed

Date 12/9/14 Tach 3638.5 N 10033

Performed operational test flight in accordance with FAR 91.407 Paragraph (b).

Signed ASEL3184626

MAINTENANCE RECORD

DATE

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: **# N10033** Model: **Cessna 172S** Ser. **# 172S9797**
Date: **01/15/2015** Tach: **3666.7** ATT: **3666.7**

C/W 200 Hr / Annual Inspection IAW FAR 43 Appendix D with Cessna 172S Maintenance Manual ch 5-10-01 checklist as a guide.
C/W **AD 84-26-02** by visual inspection of induction air filter. Filter replacement due by Tach: 3773.5 or on condition. Next inspection due at Tach: 3766.7 or next annual inspection
C/W **AD 2011-26-04** by visual inspection of the fuel injection nozzles, lines and support clamps IAW Lycoming MSB 342G. Next inspection due at Tach: 3766.7
The ELT p/n3000-11 s/n333722 has been inspected and functionally tested IAW FAR 91.207(d). The ELT battery is due for replacement: 07/2016. Next inspection due by 01/2016.
Inspected the vacuum pump IAW Tempest Service Letter 004.
Replaced right direct aileron cable and carry through cable p/n's 0510105-362 & 0510105-365 and pulley bushing p/n 422280.
Replaced #3 lower cylinder spark plug p/n RHB32E. Replaced pilot's door lower hinge p/n 0517019-12.
Replaced EGT probe p/n 86317. Replaced central gyro filter p/n AAD9-18-1.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17883.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # N10033	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 01/15/2015	Tach: **3666.7**	TT: **3666.7**

Disabled and placarded AmSafe Restraint Inflators Inoperative per FAR 91.213(d).

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17937.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Andrew Rouleau
F.A.A. Repair Station #DDER146D, Authorized Inspector

E

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # N10033	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 03/09/2015	Tach: **3720.9**	TT: **3720.9**

Performed 50 Hour servicing IAW Cessna 172P Service Manual.
Fire extinguisher bottle removed from aircraft, tested and inspected by Mitchell Fire Protection Co. Reinstalled and secured.
Next recertification due: 04/30/2015.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17970.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # N10033	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 03/23/2015	Tach: **3740.6**	TT: **3740.6**

Replaced beacon light bulb, P/N 02-0350433-01

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 17970.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen, Authorized Inspector
F.A.A. Repair Station #DDER146D

E WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

MAINTENANCE RECORD

DATE	TOTAL T IN SERV HOURS

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 04/07/2015	Tach: **3764.6**	**TT: 3764.6**

C/W 100 hour inspection IAW Title 14 CFR, Part 43 Appendix D with Cessna Aircraft Model 172S Maintenance Manual as a guide.
C/W AD 84-26-02 by replacing air filter with new P/N: P198281. Filter replacement due by Tach: 4364.6 or on condition. Next inspection due at Tach: 3864.6 or next annual inspection.
Inspected the vacuum pump IAW Tempest Service Bulletin SB-008. No defects found at this time.
Next due: 3864.6
The ELT p/n: 3000-11 s/n: 337722 has been inspected and functionally tested IAW FAR 91.207(d) and found to be in airworthy condition at this time. The ELT battery is due for replacement: 07/2016.
Next inspection due by: 04/30/2016.
Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 05/31/2015.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18005.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Anthony Ast
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 04/07/2015	Tach: **3764.6**	TT: **3764.6**

C/W SEB-24-02 Replaced MCU distribution bus bar with kit p/n P52-0037 IAW Lamar Service Letter LSI-019 rev A.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18005.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Anthony Ast, Authorized Inspector
F.A.A. Repair Station #DDER146D

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 04/13/2015	Tach: **3770.1**	TT: **3770.1**

Replaced beacon light switch with new p/n CM3589-10.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18028.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Anthony Ast
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: **05/12/2015**	Tach: **3814.8**	TT: **3814.8**

Performed 50 Hour servicing IAW Cessna 172S Maintenance Service Manual.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18073.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Anthony Ast
F.A.A. Repair Station #DDER146D
Authorized Inspector

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: **05/26/2015**	Tach: **3832.5**	TT: **3832.5**

Replaced L/H strobe light with new P/N: 01-0770818-00'

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18073.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Anthony Ast
F.A.A. Repair Station #DDER146D
Authorized Inspector

DATE	TOT IN S HOUR			ATURE, YPE

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: **7/10/2015**	Tach: **3863.5**	TT: **3863.5**

1. Performed 200 Hr / Annual Inspection IAW Title 14, CFR Part 43, Appendix D with Cessna 172S Maintenance Manual checklist as a guide.
2. C/W AD 84-26-02 by visual inspection of induction air filter, found to be airworthy at this time. Filter replacement due by Tach: 4264.8 or on condition. Next inspection due at Tach:3963.5 or next annual inspection .
3. Inspected the vacuum pumps IAW Tempest Service Bulletin SB-008. No defects found at this time. Next due: 3963.5.
4. Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 08/31/2015.
5. The ELT p/n: 3000-11 s/n: 337722 has been inspected and functionally tested IAW FAR 91.207(d) and found to be in airworthy condition at this time. The ELT battery is due for replacement: 07/2016. Next inspection due by: 07/31/2016
6. Removed co-pilot's defective Amsafe seat belt inflator P/N: 508792-401 S/N: 08090004 and installed new P/N: 508792-401 S/N; 34666481 and operational check good at this time.
7. Main battery failed CAPS check at 10%, performed conditioning charge, 2nd CAPS check and battery failed at 16%. Replaced battery P/N: RG24-15M S/N: 40432707 and installed new battery P/N: RG24-15M S/N: 40689558.
8. Replaced flap selector placard with new P/N: 0560062-1.
9. Replaced L/H nav light lens with new P/N:0723205-9.
10. Replaced Pilot side door stop broken with new P/N: 0511042-3 and worn clevis pin with new P/N: MS20392-4C47.
11. Replaced co-pilot and pilot sun visors with new P/N: APS-200-1

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18165.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Anthony Ast, Authorized Inspector
F.A.A. Repair Station #DDER146D

MAINTENANCE RECORD

HE WORK PERFORMED

AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033** Model: **Cessna 172S** Ser. # **172S9797**
Date: 09/04/**2015** Tach: **3916.6** TT: **3916.6**

Performed 50 Hour servicing IAW Cessna 172S Maintenance Service Manual and Lycoming IO-360-L2A Operators Manual Sect. 2.
Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 10/30/2015.
Replaced pilot door handle springs with new (2) P/N: 0717026-3.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18244.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen
F.A.A. Repair Station #DDER146D
Authorized Inspector

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033** Model: **Cessna 172S** Ser. # **172S9797**
Date: 10/06/**2015** Tach: **3951.6** TT: 3951.6

Fire extinguisher bottle removed from aircraft, tested and inspected by Service-Pro Fire Protection, Inc.
Reinstalled and secured fire extinguisher.
Next recertification due: Oct 2016

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18281.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

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Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033** Model: **Cessna 172S** Ser. # **172S9797**
Date: 10/16/**2015** Tach: **3962.9** TT: **3962.9**

C/W 100 hour inspection IAW Title 14, CFR Part 43, Appendix D with Aircraft Model 172S Maintenance Manual checklists as a guide.
C/W AD 84-26-02 by visual inspection of induction air filter, found to be airworthy at this time.
Filter replacement due by Tach: 4264.8 or on condition. Next inspection due at Tach: 4062.9 or next annual inspection.
Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 11/30/2015.
Inspected the vacuum pump IAW Tempest Service Bulletin SB-008. No defects found at this time.
Next due: 4062.9.
The ELT p/n: 3000-11 s/n: 333722 has been inspected and functionally tested IAW FAR 91.207(d) and found to be in airworthy condition at this time. The ELT battery is due for replacement: Next inspection due by: 10/31/2015

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18281.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 12/03/**2015**	Tach: **4014.8**	TT: 4014.8

Performed 50 Hour servicing IAW Cessna 172S Maintenance Service Manual.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18344.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen
F.A.A. Repair Station #DDER146D
Authorized Inspector

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Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 11/13/**2015**	Tach: **3989.3**	TT: **3989.3**

Replaced compass diaphragm seal p/n C21-100, bezel gaskets p/n CB21-914H & CB21-915G, and serviced with AP1000 compass fluid.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18303.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 11/13/**2015**	Tach: **3992.5**	TT: **3992.5**

C/W AD 93-05-06: by inspection and found excessive wear on circuit board and triangular cup contact points. Installed new kit P/N; A-3650-2, lubricated contacts with mobile grease 33 IAW ACS SB 92-0 and operational check good at this time. Next inspection due at Tach: 5992.5

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18303.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen
F.A.A. Repair Station #DDER146D
Authorized Inspector

HE W

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: 11/13/**2015**	Tach: **3989.3**	TT: **3989.3**

Replaced RH aileron static wick with new. Installed p/n C592001-0201.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18303.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033** Model: **Cessna 172S** Ser. # **172S9797**
Date: **01/222016** Tach: **4039.6** TT: 4039.6

Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 02/29/2016

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18367.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Richard Skorpen
F.A.A Repair Station #DDER146D
Authorized Inspector

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Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033** Model: **Cessna 172S** Ser. # **172S9797**
Date: **02/26/2016** Tach: **4056.4** TT: **4056.4**

Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 03/30/2016.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18419.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Daniel Uhlik
F.A.A. Repair Station #DDER146D
Authorized Inspector

DATE	TOT. IN S HOUR			ATURE, YPE

Channel Islands Aviation
305 Durley Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033** Model: **Cessna 172S** Ser. # **172S9797**
Date: **03/09/2016** Tach: **4061.2** TT: **4061.2**

Performed 200 Hr / Annual Inspection IAW Title 14, CFR Part 43, Appendix D with Cessna 172S Maintenance Manual checklist as a guide.
C/W AD 84-26-02 by visual inspection of induction air filter, found to be airworthy at this time.
Filter replacement due by Tach: 4264.8 or on condition. Next inspection due at Tach: 4161.2 or next annual inspection.
Inspected the vacuum pump IAW Tempest Service Bulletin SB-008. No defects found at this time. Next due: 4161.2
Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 04/30/2016.
The ELT p/n 3000-11 s/n 333722 has been inspected and functionally tested IAW FAR 91.207(d) and found to be in airworthy condition at this time. The ELT battery is due for replacement: 07/2016. Next inspection due by: 03/07/2017
Performed compass swing and new compass deviations read as follows: 0 - 355, 30 - 29, 60 - 60, 90 - 90, 120 - 120, 150 - 149, 180 - 176, 210 - 205, 240 - 234, 270 - 264, 300 - 294, 330 - 326.
Replaced L/H navigation light bulb p/n 34-0428020-65.
Replaced right main tire with new p/n AB3E4 Airhawk.
Installed new rod end on mixture control cable P/N: S1104-3 and new bolt P/N: AN3-10.
Replaced L/H rudder return spring p/n 0310196-5.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18452.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Daniel Uhlik, Authorized Inspector
F.A.A. Repair Station #DDER146D

MAINTENANCE RECORD

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: **03/15/2016**	Tach: **4064.2**	TT: **4064.2**

Replaced LH main landing gear tire with new P/N AB3E4 S/N N/A.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18478.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Daniel Uhlik
F.A.A. Repair Station #DDER146D
Authorized Inspector

Channel Islands Aviation
305 Durley Avenue
Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: # **N10033**	Model: **Cessna 172S**	Ser. # **172S9797**
Date: **04/29/2016**	Tach: **4089.3**	TT: **4089.3**

Inspected cabin fire extinguisher for serviceability. No defects found at this time. Next inspection due on or by: 05/31/2016.

The applicable work performed IAW manufacture specifications.
All pertinent data on file under WO 18523.
I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

Daniel Uhlik
F.A.A. Repair Station #DDER146D
Authorized Inspector

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
9/16/16	4194	8	INSTALLED NEW 600X6 INNER TUBE TO LH MAINWHEEL.	
			N. Pacheco A&P 572027924	
1/13/17	4254	1	ANNUAL INSPECTION COMPLETED THIS DATE. SERVICED TIRES, BATTERY & BRAKES. CHECKED LIGHTS & CONTROLS FOR OPERATION & ELT PER FAR 91.207 (d)	
			OPENED PANELS & INSPECTED AIRFRAME & COMPONENTS FOR SECURITY & CONDITION. GREASED ALL WHEEL BEARINGS.	
			CLEANED MINOR SURFACE CORROSION FROM NOSEWHEEL FORK	
			APPLIED ZINC CHROMATE PRIMER & PAINTED	
			INSTALLED 3 EA SK 2003-24A SHOCK MOUNT FOR COWLING.	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			REPLACED LEFT SIDE 08231-20629 RACE & 08125-20629 BEARING	
			ON NOSEWHEEL ASSY.	
			INSTALLED NEW 2020 ELT BATTERY. EXPIRATION JAN 2019.	
			INSTALLED 1 EA ESD-1 STATIC WICK ON LEFT & RIGHT ELEVATOR.	
			COMPLIED WITH FOLLOWING ADS:	
			2001-06-17 FUEL SERVO MIXTURE SETTING PER PARA (d) (1) (ii)	
			INSTALLED NEW A9954100-3 MUFFLER SHROUD. SEE AEROSPACE	
			WELDING 8130-3 FORM DATED 14/OCT/2016 FOR ADDITIONAL	
			INFORMATION.	
			84-26-02 ENGINE AIR FILTER PER PARA (a) REPLACE AT	
			4754.1 HRS (EA 500 HRS)	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			I CERTIFY THAT THIS AIRFRAME HAS BEEN	
			INSPECTED IN ACCORDANCE WITH ANNUAL	
			INSPECTION AND WAS DETERMINED TO BE IN	
			AIRWORTHY CONDITION.	
			Dated 4/13/17 Total Time 4254.1 hrs.	
			INSPECTION AUTHORIZATION No. 572027924	
	4/18/17	TACH 4333.9		
			SERVICED BATTERY & BRAKE FLUIDS. AIRED TIRES. CHECKED	
			BRAKE WEAR, LIGHTS & CONTROLS FOR OPERATION.	
			ABP 572027924	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
5/11/17	TACH 4357.3			
			INSTALLED AIRHAWK 600X6 6PR TIRE TO R/H MAIN WHEEL	
			[signature] A&P 572027924	
5/19/17	TACH 4363.7			
			100 HOUR INSPECTION COMPLETED THIS DATE. AIRED TIRES.	
			SERVICED BATTERY & BRAKE FLUID LEVELS. CHECKED BRAKE	
			WEAR, LIGHTS & CONTROLS FOR OPERATION. & ELT PER FAR 91.207 (d)	
			OPENED PANELS & INSPECTED AIRFRAME & COMPONENTS FOR	
			SECURITY & CONDITION. LUBED ALL WHEEL BEARINGS.	
			CONT.	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			I CERTIFY THAT THIS AIRFRAME HAS BEEN	
			INSPECTED IN ACCORDANCE WITH 100 HOUR	
			INSPECTION AND WAS DETERMINED TO BE IN	
			AIRWORTHY CONDITION.	
			Dated 5/19/17 Total Time 4363.7 hrs.	
			[signature] A&P 572027924	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
8/03/17	4475	7	ANNUAL INSPECTION COMPLETED THIS DATE. SERVICED BRAKE FLUID, AIRED TIRES, CHECKED LIGHTS & CONTROLS FOR OPERATION & ELT PER FAR 91.207 (d) OPENED PANELS & INSPECTED AIRFRAME & COMPONENTS FOR SECURITY & CONDITION. LUBED ALL WHEEL BEARINGS. INSTALLED 1 EA BSD-1 STATIC WICK TO TAIL TAB INSTALLED 2 EA RA66-105 LINING TO L/H BRAKE ASSY.	
			I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Dated 8/03/17 Total Time 4475.7 hrs.	

FAA TECHNICIAN AUTHORIZATION No. _____

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
8/17/17	4483	2	INSTALLED 4 NEW J 7444-42 SHOCK MOUNT TO UPPER L/H COWLING MOUNTS.	
			M. Pacitha	A&P 572027924
9/07/17	4526	9	SERVICED BATTERY & BRAKE FLUIDS. AIRED TIRES. CHECKED LIGHTS & CONTROLS FOR OPERATION. INSTALLED AIRHAWK 600x6 8 PR TIRE TO R/H MAIN WHEEL.	
			M. Pacitha	A&P 572027924
9/08/17	4527	6	INSTALLED AIRHAWK 500x5 6PR TIRE & TUBE TO NOSE WHEEL ASSY.	
			M. Pacitha	A&P 572027924

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
10/23/17	4576	8	100 HOUR INSPECTION COMPLETED THIS DATE. SERVICED	
			BATTERY & BRAKE FLUIDS. AIRED TIRES. CHECKED LIGHTS &	
			CONTROLS FOR OPERATION. CHECKED ELT PER FAR 91.207 (d)	
			OPENED PANELS & INSPECTED AIRFRAME & COMPONENTS	
			FOR SECURITY & CONDITION. LUBED ALL WHEEL BEARINGS.	
			COMPLIED WITH FOLLOWING ADS:	
			2001-06-17 FUEL MIXTURE PER PARA (d)(1)(ii)	
			93-05-06 GERDES IGNITION SWITCH PER PARA (a)	
			REINSPECT AT 6576.8 HRS	
			I CERTIFY THAT THIS AIRFRAME HAS BEEN	
			INSPECTED IN ACCORDANCE WITH 100 HR	
			INSPECTION AND WAS DETERMINED TO BE IN	
			AIRWORTHY CONDITION.	
			Dated 10/23/17 Total Time 4576.8 hrs.	
			INSPECTION AUTHORIZATION No.	I.A. 572027924

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
3/02/18			TACH 4672.9	
			ANNUAL INSPECTION COMPLETED THIS DATE. SERVICED BATTERY &	
			BRAKE FLUIDS. AIRED TIRES CHECKED LIGHTS & CONTROLS FOR	
			OPERATION & ELT PER FAR 91.207 (d)	
			OPENED PANELS & INSPECTED AIRFRAME & COMPONENTS FOR	
			SECURITY & CONDITION. LUBED ALL WHEEL BEARINGS.	
			INSTALLED NEW RA164-0400 BRAKE DISC & RA666-105	
			LININGS TO LEFT & RIGHT MAINWHEELS.	
			I CERTIFY THAT THIS AIRFRAME HAS BEEN	
			INSPECTED IN ACCORDANCE WITH ANNUAL	
			INSPECTION AND WAS DETERMINED TO BE IN	
			AIRWORTHY CONDITION.	
			Dated 3/02/18 Total Time 4672.9 hrs.	
			INSPECTION AUTHORIZATION No.	572027924

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		AUTHORIZED SIGNATURE
	HOURS	10THS	

wo: WO_25

Airframe · page 1 of 1

BASIC AERO

BASIC Aero LLC · 13061 Rosedale HWY Ste. G Box 389 · Bakersfield, CA 93314 · (661) 399-1691

N10033 **CESSNA, 172S, S/N: 172S9797** **June 22, 2018**

Tach: 4767.7 TTSN: 4767.7 Hobbs: 6607.7

1. Inspected Airframe in accordance with 100 Hour Inspection, 14 CFR 43 Appx D. Inspected and lubed controls, actuators and linkages. Inspected all systems for proper operation and conditions. Cleaned and greased wheel bearings. Serviced tires with air. Drained and removed fuel strainer, cleaned and re-installed. Inspected ELT in accordance with 14 CFR 91.207(d); no discrepancies found.
2. Troubleshot Cabin Doors, hinges, trim, and latching mechanisms. Found upholstery trim jamming doors. Repositioned and re-glued trim as required. Inspected and lubricated Door handles and latching mechanisms. Ops check OK.
3. AD 84-26-02: Complied with by replacement of Air Filter per para. (a), Installed (1) P198281 - Air Filter.
4. Removed Muffler Heat Shroud and incorrect attaching hardware. Inspected muffler and exhaust system. Re-assembled Shroud correctly and with all new screws.

With respect to the work performed, I certify this airframe is approved for return to service. Details of work performed are on file with BASIC Aero LLC under work order: WO_25.

Drew Yoder A&P 3755734

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		

LOYD'S AIRCRAFT MAINTENANCE

Loyd's AIRCRAFT MAINTENANCE, INC.

(661) 393-1588 Fax (661) 393-2502

SO# 19312

N 10033
Hobbs: 6658.10
AFTT: 4803.10
Aircraft S/N: 172S9797
Date: 8/7/2018

Work Accomplished

Airframe -
Discrepancy:
Engine is hard to start.(Not starter).

Resolution:
Removed all cowling, inspected ignition system, Installed four new spark plugs in bottom positions, cleaned top spark plugs, removed magnetos for inspection, found point gap worn and indeterminate, installed new points in both mags, cleaned block and gear assembly's. reinstalled and trimmed to engine, reinstalled cowling and ground run normal.

Mark L. Blackburn AP 3458706

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
11-06-18	**Hobbs-6738.0**	**Tach-4858.5**	**N10033** **Serial #172S9797**	
			Inspected Airframe IAW 100 hour inspection, 14 CFR 43 Appx D. Lubricated all engine and airframe controls, linkages, actuators, pulleys. Inspected all systems for proper operation and conditions. Removed and replaced oil door spring on top cowling at this time, replaced missing camlocks, grommets, and broken camlock receptacle. Tested ELT IAW FAR 91.207(d) at this time, battery next due Jan/2019. Repacked main and nose wheel bearings at this time. Degreased engine and cowlings prior to re installation. Serviced tires with nitrogen at this time. **AD 84-26-02** complied with at this time per visual inspection, filter not due at this time replaced- 6/22/18 tach time-4767.7.	**Ben Diaz A&P3827189**
1-28-19	**Tach-4890.6**	**N10033**	**Engine Entry**	
			50 hour inspection performed at this time, removed engine cowlings, drained engine oil and removed oil filter. Installed one new filter pnCH48110-1 and added 8 quarts of aeroshell 100 plus. Inspected fluid carrying lines, hoses, wires, and cables for security of attachment at this time. Re installed cowlings.	Ben Diaz A&P 3827189

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
11-19-18	**Tach-4878.0**	**N10033**	**Airframe Entry**	
			Found that the left hand brake was spongy, flat. Inspected brake caliper, linings and bled left hand brake reservoir. Serviced with 5606 fluid at this time.	Ben Diaz A&P3827189
1-28-19	**Tach-4890.6**	**N10033**	**Airframe Entry**	
			Removed and replaced left brake master cylinder at this time, installed new unit pn-9882010-7, serviced with 5606 hydraulic fluid at this time, opps check good.	Ben Diaz A&P 3827189
1-07-19	**Tach-4883.9**	**N10033**	**Engine Entry**	
			Starter was found to be bad at this time, removed cowlings and removed old starter, installed new skytec starter pn 149NLEC at this time. Opps check good at this time. Installed cowlings.	Ben Diaz A&P 3827189

MAINTENANCE RECORD

DAT

3-23-19 **Aircraft TT-4934.3** **Tach 4934.3** **N10033** **Serial # 172S9797**

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Removed right hand outboard fuel cover at this time due to fuel leak, cleaned, inspected, and resealed at this time. Removed and replaced right main tire with customer supplied 600-6 tire, installed using new tube, serviced with nitrogen at this time IAW MM. Replaced left and right hand brake linings at this time, serviced brake reservoirs at this time. Removed main and nose wheel, cleaned and inspected bearings, repacked with fresh grease and reinstalled at this time. Serviced nose strut with nitrogen. **Replaced elt battery with new pn2020 battery pack, tested IAW FAR 91.207(d)** at this time. Lubricated nose strut links, inspected shimmy damper, checked balance on nose wheel assembly. Stop drilled crack on right hand elevator tip at this time, lubricated left and right hand door latch assemblies at this time. Removed and replaced instrument air filter at this time, installed one new RA-D9-18-1. **Complied with AD 84-26-02** Visually inspected induction air filter pn 198281, replacement not due at this time.

Ben Diaz A&P3827189

Mar. 23, 2019 *Aircraft TT – 4934.3 hrs* *Tach – 4934.3* *Reg. No. N10033* *Serial No. 172S9797*

This Airplane (Cessna 172S) has been inspected in accordance with an Annual Inspection and it was determined to be safe for service this date 03/23/19. Inspected ELT in accordance with FAR 91.20 para (d). Checked and found that all applicable ADs were previously complied with. Recurring AD

A. Domondon, 1946639IA

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
15 Apr 2019 tach 4965.5			Replaced Rlt Mag condensor K3984 and 2 EA REM40E spark plugs cleaned gaped and test plugs installed with new M-674 gaskets - Timinged mags. Installed Rlt mag with new gasket ground Run Mag check OK	Robert Cue A&P 5616V34Y

5-03-19 **N10033** **Tach-4992.6** **Hobbs-6928.7** **Airframe Entry**

removed and replace left hand main tire and tube at this time due to it being worn beyond limits. Installed one new Air Hawk 600-6 6 ply tire IAW MM. Serviced with nitrogen IAW MM servicing section. Removed engine cowl, removed air box/ air filter retainer and replaced bad/worn out receptacle at this time. Re installed cowling at this time.

Ben Diaz A&P3827189

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	H		

6-10-19 Hobbs-6987.2 Tach-5033.9 N10033 SN#172S9797

Inspected Airframe IAW 100 hour inspection, 14 CFR 43 Appx D. Lubricated all engine and airframe controls, linkages, actuators, pulleys. Inspected all systems for proper operation and condition. Tested elt IAW FAR 91.207(d) at this time, battery next due march/21. Nose steering collar was found to be loose, disassembled nose landing gear strut, inspected bearing, re shimmed IAW MM. lubricated and reassembled. Replaced seals in nose strut prior to reassembly, serviced with 5606 fluid and nitrogen at this time. Replaced nose strut tire due to weather checking, installed new condor 500-5 4 ply tire, serviced with nitrogen at this time. Serviced main tires with nitrogen at this time IAW MM. Replaced 5 bad camloc receptacles on top cowl upper bowl pn-244-16, replaced two bad camlocs. Inspected fuel strainer and fuel system at this time. Checked all cable tensions at this time.

Complied with AD 84-26-02 Visually inspected induction air filter pn 198281, replacement not due at this time.

Ben Diaz AP3827189

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

7-16-19 Hobbs-7057.8 Hobbs-5082.4 N10033 SN172S9797

Removed and replaced Directional Gyro model 4000C-15, pn-1U262-042-2 installed overhauled exchange from Pacific southwest instruments under wo#269732. Secured instrument light wires and hoses at this time. Opps check good. Removed left hand elevator assembly, removed two left hand bushings pn-0532104 and bearing p S1003-29A at this time. Installed two new AN4-11A bolts and hardware IAW MM.

Ben Diaz AP3827189

9-23-19 N10033 Hobbs-7164.7 Tach-5158.9 C172SP

Remove right hand main tire and tube, replaced with new 600-6 Airhawk 6 ply tire and 600-6 tube. Removed nose wheel assembly, installed new 500-5 tube and serviced with nitrogen at this time. Replaced right hand brake linings, pn 66-105 at this time.

Ben Diaz A&P 3827189

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
8-24-19	**Hobbs-7128.2**	**Tach-5133.5**	**N10033 SN172S9797**	
			Inspected Airframe IAW 100 hr inspection, 14CFR 43 Appx D. Lubricated all engine and airframe controls, linkages, actuators and pulleys. Inspected all systems for proper operation and condition. Tested ELT IAW FAR 91.207(d) battery next due March/2021. Removed both pilot and copilot seat for recovering at this time, reinstalled after work was completed. Landing light was found to be inop, trouble shot system and found that the main switch was defective, replaced switch and performed opps check, check good. Removed and replaced left and right hand landing light bulbs pn-7512-24 at this time, opps check good. Removed and replaced fuel drain sumps on fuel selector and fuel strainer at this time. Cleaned, inspected fuel strainer, reassembled with new orings at this time. **Complied with AD 84-26-02** visually inspected induction air filter pn 198281, replacement not due at this time.	**Ben Diaz A&P3827189**

MAINTENANCE RECORD

10-14-19	**Hobbs-7202.2**	**Tach-5184.6**	**Airframe entry N10033**	
			Removed nose landing gear strut links, installed new bushings using McFarlane link kit pn-TL-KT-1, new bushings, spacers, and hardware. Lubricated IAW MM at this time. Serviced nose strut with nitrogen at this time.	Ben Diaz AP 3827189
12-12-19	**Hobbs-7256.7**	**Tach-5222.2**	**AFTT-5222.2**	**Airframe N10033**
			Inspected Airframe IAW 100 hour inspection, 14CFR 43 Appx D. Inspected, lubricated all airframe and engine controls at this time. Checked all cable tensions IAW MM. Inspected all systems for proper operation and condition. **Tested ELT IAW FAR 91.207(D) battery next due March 2021**. Replaced left main landing gear brakes at this time, installed new linings pn 66-105 at this time. Serviced brake reservoirs at this time. Inspected all wheel bearings, cleaned, and repacked with fresh grease. Lubricated nose landing gear nose strut where needed. Replaced four lower cowl attachment receptacles at this time pn-J7444-42. **Installed Uavionix tailbeacon ADS-B out transmitter IAW STC SA04427CH, pn-UAV-1002183-001 serial # 2002372** unit was installed and functionally check IAW installation instructions, form 337 filed. **Complied with AD 84-26-02** visual inspection of induction air filter pn 198281, replacement not due at this time. Top charged airframe main battery, serviced all wheels with nitrogen IAW MM.	**Ben Diaz A&P 3827189**

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
4-21-2020	Aircraft 10033	Tach-5318.5	Airframe entry	
			Remove engine from aircraft, serial # L-29853-51A due overhaul at this time. Tach-5318.5, Hobbs-7395.5, TSO-2774.9. Ben Diaz AP3827189	

DATE				
6-24-2020	Aircraft 10033	Tach-5318.5 Hobbs-7394.5	Airframe entry	
			Installed overhauled engine serial # L-27773-51A, Installed using new engine mounts and hardware, New hoses from Precision Hose Tech, installed new exhaust system from Kinsley welding, installed using new exhaust gaskets, nuts, washers and lock washers. Installed air intake, egt, alternator and wiring, engine baffle that was removed for installation. Secured hoses, and wiring at this time. Installed propeller after overhaul by Johnston propeller. Performed engine run up and leak check, made adjustments to idle mixture and set idle at this time. lubricated airframe IAW MM. Removed and replaced left main tire, installed new Airhawk 600-6 tire. Replaced worn flap track roller bushings and bearings, cleaned and lubricated flap tracks at this time, checked for smooth operation, check good. Removed, cleaned and inspected shimmy damper, lubricated nose landing gear drag links. **Tested ELT IAW FAR 91.207(d) battery due March 2021.** Top charged aircraft battery. Reinstalled aircraft inspection panels at this time. Installed cowls. Engine run up and leak check performed at this time. **Ben Diaz A&P 3827189**	

June 24, 2020 *Aircraft TT – 5318.5 hrs* *Tach – 5318.5* *N10033* *Serial No. 172S9797*

This Airplane (Cessna 172S) has been inspected in accordance with an Annual Inspection and it was determined to safe for service this date June 24, 2020. Inspected ELT in accordance with FAR 91.207, para (d). Checked and found that all applicable ADs were previously complied with.

Arnulfo A Domondon 1946639IA

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

7-15-2020 N10033 Tach-5352.0 Hobbs-7436.9 Airframe entry

Top cowling oil door was found to have a broken striker plate, pn-1552004-25 was installed at this time using new rivets, adjusted fit in order for door to close properly. Brake linings were inspected and found to be within serviceable limits.

Ben Diaz AP3827189

8-18-2020 Aircraft 10033 Tach-5398.0 Hobbs-7498.9 Airframe entry

Inspected Airframe IAW 100 hour inspection, 14CFR 43 Appx D. Inspected, lubricated all airframe and engine controls at this time. Checked all cable tensions IAW MM. Inspected systems for proper operation and condition. **Tested ELT IAW FAR 91.207(D) battery next due March 2021**. Serviced brake reservoirs with 5606 fluid. Inspected, cleaned and repacked all wheel bearings. Serviced tires with nitrogen at this time. Replaced Nav light circuit breaker switch, replaced landing light circuit breaker switch, opps check good at this time. **Complied with AD 84-26-02** visual inspection of the induction air filter pn 198281, no defects noted, replacement not due at this time. Top charged airframe main battery.

Ben Diaz A&P 3827189

MAINTENANCE RECORD

DATE					SIGNATURE, TE TYPE BER

12-04-2020 aircraft N10033 Tach-5486.3 Hobbs-7622.5 Airframe

Removed left hand gear leg fairing to gain access to the left brake line assembly. Removed existing brake line due to leak, installed new line pn-0500118-126 at this time. Serviced brake reservoir with 5606 and bled system. opps check and leak check good.

Ben Diaz AP3827189

12-10-2020 aircraft N10033 Tach-5486.3 Hobbs-7622.5 Airframe

Inspected Airframe IAW 100 hour inspection, 14 CFR43 Appx D. Inspected, lubricated all airframe and engine controls at this time. Checked all cable tensions IAW MM. Inspected systems for proper operation and condition. Tested ELT IAW FAR 91.207(d) battery next due March 2021. Serviced brake reservoirs with 5606 fluid, bled left brake system. Inspected, cleaned and repacked all wheel bearings at this time, repacked with fresh grease. Removed left and right hand brake disc due to wear, replaced with new pn-164-04000 and installed new linings pn-66-105 using new rivets. Serviced all tires with nitrogen IAW MM. Complied with AD 84-26-02, no defected noted IAW AD, replacement due at next 100 hour or 5586.3. Charged airframe battery, degreased engine and performed leak check and run up prior to reinstallation of cowling.

Ben Diaz AP3827189

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
3-18-2021	**Hobbs-7729.8**	**Tach-5562.8**	**Airframe N10033**	
			Inspected Airframe IAW 100 hour inspection, 14 CFR43 Appx D. Inspected, lubricate all engine and airframe controls at this time, Checked all cable tensions IAW MM. Replaced elt battery pn-2020, next due March 2023. Tested ELT IAW FAR 91.207(D). Inspected brake linings and serviced brake reservoir with 5606 fluid at this time. Inspected, cleaned, and repacked all wheel bearings at this time. Serviced tires with nitrogen where needed. **Complied with AD 84-26-02**, Replacement of engine air filter at this time. Replaced broken static wick on left hand elevator. **Complied with AD 13-11-11**, Engine oil pressure switch pn-83278 replacement, replaced and performed engine run up, opps check and leak check at this time, check good. Found that the pitot heat not working, trouble shot system and wiring and found that the circuit breaker switch pn-CM3589-5 was bad and needed to be replaced, new switch was installed and opps check performed at this time.	**Ben Diaz AP3827189**

Duration NEW ELT

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
6-9-21	**Aircraft TT-5646.0**	**Tach-5646.0**	**Hobbs-7844.3**	**N10033**
			Lubricated airframe controls, pulleys and bearings where needed. Repacked all wheel bearings. Inspected and cleaned fuel strainer. **Tested ELT IAW FAR 91.207(D) battery next due March 2023.** Inspected brake linings, checked cable tensions, and serviced tires with nitrogen. **Complied with AD 84-26-01**, Aircraft air filter was replaced, pn-P198281 filter was installed. Replaced elevator trim tap control channel pn-2432003-1, installed new bearing on trim tab pn-S3895-1, installed using new bolts, nuts and cotter pins. Replaced bad camloc receptacle on air inlet at this time.	**Ben Diaz AP 3827189**
Jun 9, 2021	Aircraft TT – 5646.0 hrs	Tach – 5646.0	Hobbs – 7844.3	N10033 S/N: 172S9797
			This Airplane (Cessna, 172S) has been inspected in accordance with an Annual Inspection and it was determine to be safe for service this date June 9, 2021. Inspected ELT in accordance with FAR 91.207 para (d). Checked and found that all applicable ADs were previously complied with. Recurring AD 84-26-02, Paper Induction Air Filter - Inspected Induction Air Filer per AD, no visible defect/damage and replace not due this time (5746.0 hrs).	A.Domondon, 1946639IA

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

Crystal Aircraft Maintenance
3143 W Woodridge Dr
Phoenix, AZ 85053
Phone (928) 710-0533

N10033 **Airframe:** Cessna **Model:** 172S **S/N:** 172S9797 **Tach:** 5,682.9 **Date:** 7-15-2021

- Replaced nose wheel tire and tube.

I certify this **airframe** and/or components identified herein was repaired and/or inspected in accordance with FAR 43 appendix D and is approved for return to service.

Chris Cottrell 3035732 AP

7-29-21 **Hobbs-7923.6** **Tach-5703.7** **Airframe entry N10033**

S.B NUMB

REMARKS

Removed and replaced right main tire and tube, installed one new tire Airhawk 600-6 6 ply tire and 600-6 leak guard tube. Serviced with nitrogen IAW MM. Installed axle nut using new cotter pin.

Ben Diaz AP 3827189

Crystal Aircraft Maintenance
3143 W Woodridge Dr
Phoenix, AZ 85053
Phone (928) 710-0533

N10033 **Aircraft:** Cessna **Model:** 172S **S/N:** 172S9797 **Tach:** 5,746.3 **AFTT:** 5,746.4 **Date:** 9-29-2021

- Complied with a 100hr airframe inspection.
- Replaced three each new engine cowl mounts P/N J7444-42. See 8130 for details.
- Replaced rear spinner bulkhead with new P/N 0550321-12. See 8130 for details.

I certify this **airframe** and/or components identified herein was repaired and/or inspected in accordance with FAR 43 Appendix D and is approved for return to service.

Chris Cottrell 3035732 A&P

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			

Crystal Aircraft Maintenance
3143 W Woodridge Dr
Phoenix, AZ 85053
Phone (928) 710-0533

N10033 **Aircraft:** Cessna **Model:** 172S **S/N:** 172S9797 **Tach:** 5,802.7 **Date:** 11-17-2021

- Installed vacuum pump #1 P/N RAP215CC S/N A76108. Ops checked good.

I certify this **aircraft** and/or components identified herein was repaired and/or inspected in accordance with FAR 43 Appendix D and is approved for return to service.

Chris Cottrell 3035732 A&P

6 July 2023	I Certify that I have inspected this Aircraft in accordance with FAR part 43 App d Annual Inspection and find it to be in Airworthy Condition at this time. The Safety Belt							
AFTT 5812.6	Assistance Air bag Systems deactivated. Placarded IAW FAR 91.213 d. Next due in 100 days. Act. Compliance list detailing date enclosed with Aircraft logs. The ELT inspected IAW FAR 91.207 d. Battery is Dec Nov 2024. This Aircraft is approved for return to Service. — Excel —						Act 5579355664 IA	

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
	7-01-23	Tach-5812.6	TTAF-5812.6	Airframe		N10033		
								Complied with AD84-26-02, paper induction air filter, replaced filter pn-P198281 at this time, replacement next due 5812.6 (each 500 hours) Removed and replaced elt battery at this time, installed bp-2020 battery next 11-24. Installed new aircraft battery pn-RG24-15M at this time. Replaced air inlet duct to fuel servo pn-S3297-1. Removed nose strut at this time, disassembled, cleaned, and installed seal kit, serviced with 5606 fluid and nitrogen at this time. Removal and replacement of rudder assembly pn-0533150-5 overhauled by Beegles aircraft Service, rudder was color matched and balanced prior to installation. Vertical fin was removed and serviceable vertical was inspected, cleaned, painted to match and installed Vertical, rudder, elevators were installed using new hardware at this time. Rudder and elevator rigging was performed IAW Cessna 172S MM. Cable tensions were set IAW MM. Ben Diaz AP3827189