Book 4 Begun 8/2015

The Standard

AIRCRAFT LOG

ASA-SA-2

YEAR 20___ DATE	TOTAL TIME IN SERVICE	Current Weight and Balance	
		Empty Weight	Empty CG

I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.

Altimeter(s) tested to 20000 Ft. N 733ZK

IAW FAR 43 App E on 3AUG15

Signed D. Shurtleff Date 3AUG15

Northcoast Services crs WR3R955L Time 7917.5

STANI PFD

Scale Corrections

Altimeter N733ZK

Rea	Reads	Add	Reads	Add
-100	-1000	-10	10000	-25
0	0	-10	12000	-30
500	500	-15	14000	-30
100	1000	-15	16000	-40
150	1500	-20	18000	-45
200	2000	-20	20000	-50
300	3000	-20	22000	
400	4000	-20	25000	
600	6000	-20	30000	
800	8000	-20	35000	

Date 3A

Tested by

Date 3AUG15 crs WR3R955L

Tested by D. Shurtleff

SUBURBAN AIR CORPORATION

21599 Skywest Drive
Hayward, California 94541
(510) 780-0428

AIRFRAME ENTRY

JOB: **3321** AIRCRAFT: **N733ZK** TACH: **7943.7** DATE: **8-31-2015**

MODEL: **Cessna 172N** S/N: **17268677**

Replaced damaged L/H inboard flap track brackets at spar attach and flap fairing w/new P/N's 1221010-4,1221010-3, and 0517019-12. Replaced L/H flap rollers w/new P/N's MC0523921 & MC0523230. Replaced pilot side door hinge pin w/new P/N 0517019-12. Lubricated flaps and doors; op check OK. All work referencing Cessna parts/service manual and AC 43.13-1B section 4. ----------END----------

This airframe is approved for return to service, for only the work performed.

Scott D Franges A&P 3393208 IA Scott D Franges

ADVANTAGE AVIATION

1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

WO: **2905** Aircraft: **N733ZK** Tach: 7899.3 Date: **7-22-2015**

Model: **C172N** S/N: 17268677

Airframe Entry

Replaced pilot door hinge pins. Reinstalled pilot seat on its tracks. Dressed prop and repaired broken taxi light wire.-
END

James Allen A&P 559294160

YEAR
20___
DATE

1903 Embarcadero Road, Palo Alto, CA 94303 — 650-494-6516 www.advantage-aviation.com

WO: **3000** Aircraft: **N733ZK** Tach: **7957.5** Date: **9/11/2015**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Completed **50HR Inspection**. In addition to the 50 hr airframe inspection, Replaced 2 broken cowl lord mounts. Replaced LH brake pads with new. –END

This *Airframe* is approved for return to service only for the work performed and listed above.

James E Allen A&P 559294160

1903 Embarcadero Road, Palo Alto, CA 94303 — 650-494-6516 www.advantage-aviation.com

WO: **3107** Aircraft: **N733ZK** Tach: **8005.7** Hobbs: **5843.7** Date: **5 November 2015**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Completed **50HR Inspection**. Performed a 50 hr insp using Advantage Aviation 50 hr check list. Replaced broken landing light switch with new. Replaced worn bottom door hinge pin on pilot's door with new, p/n 0517019-12. Replaced two worn brake linings on RH brake, p/n 066-30026 and rivets, p/n 105-00200. – END

This *Airframe* is approved for return to service only for the work performed and stated above in this entry.

Charles Harvie A&P 3517275 Charles L Harvie

YEAR 20___ 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.)

SUBURBAN AIR CORPORATION

21599 Skywest Drive
Hayward, California 94541
(510) 780-0428

AIRFRAME ENTRY

JOB: **3417** AIRCRAFT: **N733ZK** TACH: **8033.4** TTAF: **8033.4**
MODEL: **Cessna 172N** S/N: **17268677**

DATE: **1-7-2016**

Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. Lubricated airframe. Repaired field wire. Replaced R/H wing-tip lite. Replaced L/H outboard flap fairing "Z" brackets. Repaired front seat(s) height adjust mechanisms. Replaced L&R aileron rod-ends. Replaced missing grease felt on right main wheel assy. Replaced "D" cell batteries and performed an operational check/inspection on this ELT in accordance with FAR 91.207D and determined it to be airworthy. ELT battery expiration/inspection date: **JAN 2017**. Complied with map lite AD2001-23-03 by inspection; no defects noted. Complied with seat rail AD2011-10-09 by inspection; no defects noted. Complied with ACS ignition switch AD93-05-06 by installing rebuild kit per SB92-01; due next @ tach 10,033. Verified AD's current through AD 2011-10-09. All work completed referencing Cessna Parts/ Service Manuals. ----------END----------

I certify that this airframe has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

Scott D Franges A&P 3393208 IA Scott D Franges

of chronological order

1903 Embarcadero Road, Palo Alto, CA 94303 *650-494-6516 www.advantage-aviation.com*

WO: **3400** Aircraft: **N733ZK** Tach: **8131.3** Date: **24 May 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Discrepancy Repair: Damaged left taxi / landing light lens. Replaced lens with new, p/n RD-1101-L. NOTE: This aircraft has a STD'd Horton STOL kit installed This lens is a subcomponent of RD-1102-L, RD-1103-L, FAA-PMA K2U Dept 400 (C101010) "OLD STYLE". Part was available through Knots 2U, Ltd., (www.knots2u.com). – END

I certify this *airframe* is in an airworthy condition for the work stated in this entry and returned to service.

Charles Harvie A&P 3517275 Charles L Harvie

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1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

WO: **3239** Aircraft: **N733ZK** Tach: **8047.1** Date: **2/11/16**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Discrepancy Repair: Flaps reported stuck in down position. Found broken switch at flap handle and broken limit switches in wing. Replaced one micro switch at flap select handle, p/n V3L3. Removed flap actuator and replaced switches, p/n V7-1C17E9-201, mounting bolt, p/n AN4-56A, and bushing, p/n 052356. Reinstalled flap actuator, adjusted. Performed operational check, ops chk good. – END

This *Airframe* is approved for return to service only for the work performed and stated above in this entry.

Charles Harvie A&P 3517275 Charles L Harvie

1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

WO: **3205** Aircraft: **N733ZK** Tach: **8036.3** Hobbs: **5892.87** Date: **14 January 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Discrepancy Repair: Alternator inop. Troubleshot problem down to bad alternator. Replaced alternator with new. Removed alternator: National Airparts, p/n F312R s/n F002467. Installed Alternator: Hartzell 12v60amp p/n DOFF10300JR s/n H-P060171 in "OH" condition. Engine run, alternator operational check – good. – END

This *Airframe* is approved for return to service only for the work performed and stated above in this entry.

Charles Harvie A&P 3517275 Charles L Harvie

1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

WO: **3347** Aircraft: **N733ZK** Tach: **8088.6** Date: **4-7-2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Completed **50HR service**. In addition to the 50 hr airframe inspection, Replaced four cowl lord mounts with newer safer type.–END

This *Airframe* is approved for return to service only for the work performed and listed above.

Chris Lund A&P 3127640 Chris Lund

YEAR
20____
DATE

1903 Embarcadero Road, Palo Alto, CA 94303 — 650-494-6516 www.advantage-aviation.com

WO: **3400** Aircraft: **N733ZK** Tach: **8131.3** Date: **24 May 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Incoming discrepancy, "Tach inop".
Replaced failed tachometer with new. New tach shows 0.0 hours. Old tach showed 8131.3 hours.

Completed a **100 hr inspection**. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, and all attach points for the wings, engine and landing gear. Inspected fuel strainer for debris, found strainer clean. Reinstalled using new o-rings, part numbers M83248/1-111 and M83248/1-138. Leak check good. Replaced vacuum relief filter ARB3-5-1 and vacuum gyro filter p/n AAD9-18-1. Replaced air induction filter, p/n BA8108. Replaced both left and right worn main tires with new, Condor 6.00x6 6 ply tires, p/n 072-314-0, s/n on LH 5213S00034, s/n on RH 5213S00026. Greased wheel bearings and serviced tires with air. Replaced worn door stay spring and clevis pin on pilot's door w/ new, p/n 0511042-3 and p/n MS20392-4C47. Replaced co-pilot's worn lower door hinge pin, p/n 0517019-12. Replaced one cowl mount bottom right, p/n J7444-14. Re-installed all access panels and covers. – END

I certify that this *airframe* has been inspected in accordance with FAR 43 Appendix D (100 hr Inspection) and has been determined to be in an airworthy condition.

Charles Harvie A&P 3517275 Charles L Harvie

1903 Embarcadero Road, Palo Alto CA 94303, 650-494-6516

WO: **3535** Aircraft: **N733ZK** Tach: **103.9** TTAF: **8235.2** Date: **19 July 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

C/W **AD2011-10-09 Seat Rollers and Seat Rails**, by visual and dimensional check, no cracks found, Co-pilots inboard seat rail is worn and just within dimensional limits. Next due @ 200.0 hrs tach or July 2017. - END

I certify that this *aircraft* is in airworthy condition only for the work performed and described in the maint entry.

Charles Harvie A/P 3517275 Charles L Harvie

www.advantage-aviation.com

1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

WO: **3550** Aircraft: **N733ZK** Tach: **111.2** Hobbs: **6162.1** Date: **29 July 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Completed **100 hour Inspection**. Removed all airframe access panels and covers. Inspected interior and exterior of the airframe, wings, and empennage. Inspected all flight controls, rigging, stops, and all attach points for the wings, engine, and landing gear. Replaced air filter element with new p/n BA6108. Replaced vacuum relief garter filter p/n ARB3-5-1. Replaced worn brake pads on left main landing gear, p/n 066-30026. Replaced slip rings on both fuel tank caps, p/n B100143-1. **ELT battery expires Jan 2017. C/W AD2011-10-09 Seat track inspection. Seat Track AD NEXT DUE at 211.2 hrs TACH or in twelve months. AD 01-23-03.** –END

I certify that this *Airframe* has been inspected in accordance with FAR 43 Appendix D (100 hr Inspection) and has been determined to be in an airworthy condition.

Donald Ganschow A&P 3830225

1903 Embarcadero Road, Palo Alto CA 94303, 650-494-6516

WO: **3614** Aircraft: **N733ZK** Tach: **141.6** Date: **25 August 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Discrepancy Repair: "LH tire flat." Removed wheel assembly from aircraft. Inspected tire for wear and condition. Disassembled wheel assy, inspected wheel for damage, none found. Found bubbles coming from a small hole in tube side wall. Reassembled wheel assy re-using the same tire, replaced damaged tube with new Aero Classic 6.00-6 tube A/C Spruce p/n 06-00754, lot# 71-17739. Greased wheel bearings. Reinstalled onto aircraft after servicing tire with air. – END

I certify this *airframe* is approved for return to service only for the work performed in this maintenance entry.

Ulises Lopez, A&P 3839746

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1903 Embarcadero Road, Palo Alto CA 94303, 650-494-6516

Cessna

WO: **3635** Aircraft: **N733ZK** Tach: **165.0** Hobbs: **6236.1** Date: **7 September 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Completed **50HR Inspection**. Complied with recommended airframe lubrication cycle per maintenance manual. Inspected induction air inlet filter and cowl. Serviced all tire pressures, inspected brakes and tires. Re-installed all access panels and covers. Completed ground engine run, no leaks or defects noted at this time. All work and inspection completed in accordance with Advantage Aviation 50 hour inspection check list. - END

This *Airframe* is approved for return to service only for the work performed and stated above in this entry.

Ulises Lopez, A&P 3839746

1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

WO: **3588** Aircraft: **N733ZK** Tach: **129.0** Date: **15 August 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Discrepancy Repair: "RH tire flat." Removed wheel assembly from aircraft. Inspected tire for wear and condition. Inflated tire and soap checked for source of leak. Found bubbles coming from base of valve stem. Disassembled wheel assy, inspected wheel for damage, none found. Greased wheel bearings after inspecting. Reassembled wheel assy re-using the same tire, replaced damaged tube with new Aero Classic 6.00-6 tube A/C Spruce p/n 06-00754, lot# 10-17602. Reinstalled onto aircraft after servicing tire with air. – END

I certify this *airframe* is in an airworthy condition for the work stated in this entry and returned to service.

Ulises Lopez A&P 3839746

YEAR
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DATE

1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

WO: **3597** Aircraft: **N733ZK** Tach: **132.1** hr meter: 6191.2 Date: **18 August 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Discrepancy Repair: "Nose tire worn." Replaced worn nose tire with new tire and tube. Installed AirTrac 5.00-5 tire p/n 30602, s/n on A1D44315, with new 5.00-5 AeroClassic Leak-Guard TR67 tube, p/n GL-5067B, dated Apr 04, 2016. Greased wheel bearings, serviced tire with air and reinstalled wheel assembly on aircraft. – END

I certify this *airframe* is approved for return to service only for the work performed and stated in this entry.

Charles Harvie A&P 3517275 Charles L Harvie

1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

Aircraft: **N733ZK** Model: **Cessna 172N** S/N: **17268677** Date: **9/26/16**

Airframe Entry

Discrepancy Repair: Right main wheel fairing damaged. Removed both left and right main wheel fairings. Completed new Wt and Balance revision sheet and place in aircraft. – END

This *Airframe* is approved for return to service only for the work performed and stated above in this entry.

Charles Harvie A&P 3517275 Charles L Harvie

1903 Embarcadero Road, Palo Alto, CA 94303, 650-494-6516

WO: **3683** Aircraft: **N733ZK** Tach: **203.4** TTAF: **8334.7** Date: **28 September 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

C/W AD2011-10-09 Seat Rollers and Seat Rails, by visual and dimensional check, no cracks found, Co-pilots inboard seat rail is worn and just within dimensional limits. **Next due @ 303.4 hrs tach or Sept 2017**. Found pilot's lower door hinge pin worn out, replaced with new, p/n 0711001-59. Ops check ok. - END

I certify this *airframe* is approved for return to service only for the work performed and described in this maint entry.

www.advantage-aviation.com

YEAR 20__ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alter** Entries must be endorsed with Name, Rating and Certificate Num Technician or Repair Facility. (*See* back pages for other specific e

1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

Aircraft: **N733ZK** Tach: **226.9** Date: **10/19/2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Discrepancy Repair: Landing light inop. Placarded landing light INOP. – END

This *Airframe* is approved for return to service only for the work performed and stated above in this entry.

James E Allen A&P 559294160

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.)

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303, 650-494-6516

ADVANTAGE AVIATION

Cessna

WO: 3738 Aircraft: **N733ZK** Tach: **231.3** TTAF: **8362.6** Hobbs: 6330.0 Date: **3 Nov 2016**
Model: **Cessna 172N** S/N: **17268677** (AFTT= tach + 8131.3)

Airframe Entry

Completed **Annual Inspection**. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, and all attach points for the wings, engine and landing gear. Inspected tires and brakes for condition and wear. Found right brake linings worn, replaced linings, p/n 066-30026. Inspected fuel strainer, no contaminants found, reinstalled. Replaced cracked right wing fuel cap gasket with new, p/n B100142-1.Replaced broken co-pilot door lower hinge pin with new, p/n 0517019-12. Replaced both pilot and co-pilot worn seat back stop pins with new, p/n MS20392-2C11. Found that a defrost hose was missing, installed new scat hose. Replaced induction air filter (foam) p/n BA-6108. Replaced vac regulator filter, p/n ARB3-5-1. NOTE: Central Gyro Vacuum filter replacement is due @ 500.0 hours. Re-installed all access panels and covers. C/W **FAR 91.207(d) ELT inspection and check**, no defects found. **ELT battery expires January 2017**.
NOTE: **AD93-05-06 Ignition Switch IAW SB92-1 due @ 1902.1 hours**.
C/W **AD01-23-03 Insp Map Light Switch / Fuel Line for Chaffing – no defects found, next due @ November 2017**.
C/W **AD2011-10-09 Seat Rollers and Seat Rails**, by visual and dimensional check, co-pilot's inboard seat rail is worn but still airworthy, **next due @ 331.3 hrs or Nov 2017**. - END

I certify that this *aircraft* has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

James Allen A/P / IA 559294160

www.advantage-aviation.com

16/16	237.1		Placarded ELT inop (Broken antenna) A&P 559294160

12/16 | 264.9 | | | Installed new ELT antenna removed
Placard APS99794160

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303 650-494-6516

ADVANTAGE AVIATION

Cessna

WO: **3834** Aircraft: **N733ZK** Tach: **298.7** Hobbs: **6397.4** Date: **16 December 2016**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Completed **50HR Inspection**. Performed a 50 hr insp using Advantage Aviation 50 hr check list. Lubricated control surfaces. Checked condition of tires and brakes and tire pressures. – END

This *Airframe* is approved for return to service only for the work performed and stated above in this entry.

Donald Ganschow A&P 3830225

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303, 650-494-6516

ADVANTAGE AVIATION

Cessna

WO: **3897** Aircraft: **N733ZK** Tach: **0320.4** TTAF: **8451.7** Hobbs: 6458.2 Date: **09 Feb 2017**
Model: **Cessna 172N** S/N: **17268677** (AFTT= tach + 8131.3)

Replaced ELT batteries with new, Duracell MN1300. C/W **FAR 91.207(d) ELT inspection and check**, no defects found. **ELT batteries expire December 2025**. - END

I certify that this *airframe* is approved for *return to service* only for the work performed and stated in this entry.

Charles Harvie A/P 3517275

www.advantage-aviation.com

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.)

ADVANTAGE AVIATION

1903 Embarcadero Road, Palo Alto, CA 94303 650-494-6516 www.advantage-aviation.com

WO: **3897** Aircraft: **N733ZK** Tach: **340.7** Hobbs: **6486.2** Date: **2/28/2017**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

C/W AD2011-10-09 Seat track inspection AD NEXT DUE at 440.7 hrs TACH or 2/2018. C/W AD01-23-03 Map light wires Ad next due 440.7 or 2/2018. –END

James E Allen A&P 559294160

ADVANTAGE AVIATION

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303 650-494-6516 Cessna

WO: **3958** Aircraft: **N733ZK** Tach: **359.7** Hobbs: 6512.4 Date: **17 March 2017**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Completed **100 hour inspection**. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, and all attach points for the wings, engine and landing gear. Inspected wheel assemblies, tires and brakes for condition and wear. Found both main tires worn. Replaced with new tires, Condor 6.00-6 tires, reused tubes. Greased wheel bearings and serviced tires with air. Found left brake linings worn, replaced with new, p/n 066-30026. Inspected fuel strainer for debris, no contamination found. Re-Reinstalled, leak check good. Replaced vacuum relief filter ARB3-5-1. Replaced air induction filter, p/n BA8108. Re-installed all access panels and covers. C/W **AD01-23-03 Insp Map Light Switch / Fuel Line for Chaffing – no defects found, next due @ March 2018**. C/W **AD2011-10-09 Seat Rollers and Seat Rails**, by visual and dimensional check, found seat rails airworthy, **next due @ 459.7hrs or March 2018**. - END

I certify that this *aircraft* has been inspected in accordance with FAR 43 Appendix D (100 inspection) and has been determined to be in an airworthy condition.

James Allen A/P 559294160

www.advantage-aviation.com

Make ~~Cessna~~ Model ~~172~~

The aircraft and/or component identifie

N7332K Aug 10 2017

1. Approving Civil Aviation Authority/Country: FAA/United States	2. **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 5746786
4. Oranization Name and Address: **Textron Aviation Inc. (PC4)** **Textron Aviation Inc.** **1 Cessna Blvd, Wichita, KS 67215**		5. Work Order/Contract/Invoice Number: 2788829

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
10	SUPPLY PWR	152-0007	1	D17072568	New

12. Remarks:

AUTHORIZED RELEASE DOCUMENT

PO#: 3252

13a. Certifies the items identifed above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.	14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: Terry Weeks	13c. Approval/Authorization No.: PC4	14b. Authorized Signature	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): TERRY WEEKS	13e. Date (dd/mmm/yyyy): 09/Aug/2017	14d. Name (Typed or Printed)	14e. Date (dd/mmm/yyyy)

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005

e power supply, Aeroflash p/n 152-0007
heck good. - END
k performed and stated in this entry.
www.advantage-aviation.com

20 ___ DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries mu… Technicia…

Tested by: [signature] Date 16 AUG 17

Scale C… Altimet… PFD

Reads	Add
-1000	+10
0	+10
500	+10
1000	+10
1500	+10
2000	+10
3000	+10
4000	+10
6000	+5
8000	+5

Make: Cessna
Model: 172N
S/N: 17268677
Reg. No.: N733ZK

Aerial Avionics
2550 John Montgomery Dr.
San Jose, CA 95148

Date: 08/24/2017

Upgraded EFD1000 PFD S/N 12987 to software version 2.9 and IOP software version 2.1 as per Aspen Avionics Service Bulletin SB2016-04 Document No. 991-00120-001, dated September 14, 2016. Performed Synthetic Vision unlock for the EFD1000 as per Aspen Avionics Tech Note 2011-10 Document No. 991-00059-001 Rev. C, dated September 29, 2016. Loaded Aspen Supplied Database. Functional Test Good. Performed Angle of Attack unlock for the EFD1000 as per Aspen Avionics Tech Note 2015-01 Document No. 991-00104-001 Rev. D, dated June 23, 2016. Calculated and configured all required weights and speeds. Performed in flight calibration procedure with customer supplied pilot. Performed In flight checkout procedure. In flight Post AOA calibration check procedure satisfactory. I certify that the aircraft and or component identified therein has been repaired and or inspected using current manufacturers data, and current Federal Aviation Regulations and approve said item for return to service. Details are on file at Aerial Avionics under work order 2776 Dated, July 27, 2017 Aerial Avionics FAA CRS 7IAR379B

signed _____

YEAR 20__ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alteration** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303 650-494-6516

ADVANTAGE AVIATION

Cessna A Textron Company

WO: 4446 Aircraft: **N733ZK** Hobbs: 6615.4 Tach: 437.00 Tach Date: **26 Oct 2017**

Cessna C172N S/N: **17268677**

Airframe Entry

Install left right wing tip landing light p/n 4509. Install cowling taxi light p/n 4522. Install double taxi/landing lights switch p/n TTGC-TA201TW-B. test operation check ok. END

I certify this airframe is approved for return to service only for the work performed and stated in this entry.

Jorge Robles A&P 3877536

www.advantage-aviation.com

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303, 650-494-6516

ADVANTAGE AVIATION

Cessna A Textron Company

WO: **4510** Aircraft: **N733ZK** Tach: **453.6** TTAF: **8584.9** Hobbs: 6637.5 Date: **22 Dec 2017**

Model: **Cessna 172N** S/N: **17268677** (AFTT= tach + 8131.3)

Airframe Entry

Completed **Annual Inspection**. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, and all attach points for the wings, engine and landing gear. Inspected tires and brakes for condition and wear. Inspected fuel strainer, no contaminants found, reinstalled using new o-rings. Replaced induction air filter (foam) p/n BA-6108. Replaced vacuum regulator filter, p/n ARB3-5-1. NOTE: Central Gyro Vac filter replacement is due @ 500.0 hours. NOTE: **AD93-05-06 Ignition Switch IAW SB92-1 due @ 1902.1 hours**. C/W **AD01-23-03 Insp Map Light Switch / Fuel Line for Chaffing – no defects found, next due @ December 2018**. C/W **AD2011-10-09 Seat Rollers and Seat Rails**, by visual and dimensional check, co-pilot's inboard seat rail is worn but still airworthy, **next due @ 553.6 hrs or Dec 2018**. C/W **FAR 91.207(d) ELT insp and check**, no defects found. **ELT batt exp Jan 2026**. Re-installed all access panels and covers - END

I certify that this *aircraft* has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

James Allen A/P / IA 559294160

www.advantage-aviation.com

YEAR 20 18 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.)
3-26 2018	495.8 Hi 6683			installed new G-25 Gill main Battery. AMT 3127640 chris Sund

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303 650-494-6516

ADVANTAGE AVIATION

Cessna

WO: **4802** Aircraft: **N733ZK** Tach: 507.2 TTA: **8638.5** Date: **5-17-2018**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Completed **50 hr Inspection**. Inspected interior and exterior of airframe, wings and empennage. Inspected and lubricated all flight controls. Inspected tires and brakes for wear. Serviced tire with air. Lubricated nose gear with Aeroshell 22.. - END

I certify this aircraft is approved for return to service only for the maintenance items stated in this entry.

Jorge Robles A/P / IA 3877536

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6-15-2018	523.5	tach		R & R turn and Bank P/N 1394T100-7Z Ser# A14-10117 Return to Service AMT 3127640 chris Sund

YEAR 20 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.

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303 650-494-6516

ADVANTAGE AVIATION

Cessna

WO: **4917** Aircraft: **N733ZK** Tach: 540.3 TTA: **8638.5** Date: **7-25-2018**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Install new RH flap tracks P/N MC0523231-14. Install new Rollers kit P/N FLP-KT-12 on RH & LH flaps. Installed new used RH flap P/N 0523901-38. Disabled Landing light and Navigation light and level it 'non operational.' - END

I certify this aircraft is approved for return to service only for the maintenance items stated in this entry.

Jorge Robles A/P / IA 3877536

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Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303 650-494-6516

ADVANTAGE AVIATION

Cessna

Aircraft: **N733ZK** Tach: **0557.0** AFTT: **8688.3** Hobbs: 6780.7 Date: **30 August 2018**
Model: **Cessna Skyhawk 172N** S/N: **17268677** (AFTT= tach + 8131.3)

Airframe Entry

C/W **AD2011-10-09 Seat Rollers and Seat Rails**, by visual and dimensional check, found co-pilot's inboard seat rail worn, but still airworthy. No other defects found, all seat rails airworthy. **Next due @ 657.0 hrs or Aug 2019**. - END

I certify this *airframe* is approved for *Return To Service* only for the work performed and stated in this entry.

Charles Harvie A&P 3517275 Charles L Harvie

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HARTWIG AIRCRAFT FUEL CELL REPAIR

WINNIPEG - ST. ANDREWS AIRPORT
512 AIRLINE ROAD, UNIT 101
ST. ANDREWS, MANITOBA R1A 3P3

PH. (204) 668

D.O.T. APPROVAL # AMO#

NOMENCLATURE Cessna 172 Right Hand Tank
PART No. 0526007-50 SERIAL No. 18JK10093C
Type/Model Aluminum Date Mfg. 1977
Manufacturer Cessna
Work Order No. 20180629
NEW ☐ REPAIR ☒ XX MODIFICATION ☐ SHOP CHECK ☐
Previous Certification

The maintenance described has been performed in accordance with the a
standards of airworthiness.

OCT 18 2018
Date

AUTHORIZED INSPECTOR

ACS A510-2
STOP
NOTE KEY NUMBER LOCATED ON THE KEY AND MAKE A LOG BOOK ENTRY
#159

2 Nov 18	570.2	hr tach — Incoming discrepancy "Nose tire goes flat" Removed tire and tube, found hole in tube. Replaced 5.00x5 tube. Reassembled wheel serviced w/ air, greased bearings and re ed. Charles L'Hirondelle Atp 3517275	

WO: **5039 / 5044** Aircraft: **N733ZK** Tach: **570.2** TTAF: **8701.5** Hobbs: 6798.9 Date: **2 Nov 2018**

Model: **Cessna 172N** S/N: **17268677** (AFTT= tach + 8131.3)

Airframe Entry

Completed **Annual Inspection**. Removed all airframe access panels and covers inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, and all attach points for the wings, eng and landing gear. Inspected tires and brakes for condition and wear. Replaced induction air filter (foam) p/n BA-610 Replaced the vacuum regulator filter, p/n ARB3-5-1. Replaced the central vacuum filter, p/n AAD9-18-1. Replaceme is **due @ 1070.2 hours.** Incoming discrepancy, "The key falls out of the ignition switch while in the 'BOTH' position." C/W **AD93-05-06 Ignition Switches** by replacing switch with new ACS switch, Aircraft Spruce p/n 11-03170. **Ignition Switch Lubrication IAW ACS SB92-1 due @ 2570.2 hrs**. Incoming discrepancy, "The RH fuel tank leaks." De-fueled and removed tank. Shipped fuel tank out for repair. Reinstalled the RH fuel tank, p/n 0526007-50, s/n 18JK10093C, after repair by Hartwig Aircraft Fuel Cell Repair, St. Andrews, Manitoba, Canada, DOT Approval # AMO-110-90. Replaced the age hardened rubber pad strips, p/n 0523522-5. Replaced the drain valve, p/n 05-01877. Replaced fuel tank filler neck gasket, p/n 0426013-1. Incrementally filled with fuel and checked for leaks, checked good, no leaks. C/W **AD01-23-03 Insp Map Light Switch / Fuel Line for Chaffing – no defects found, next due @ November 2019**. C/W **AD2011-10-09 Seat Rollers and Seat Rails**, by visual and dimensional check, co-pilot's inboard seat rail is worn but still airworthy, **next due @ 670.2 hrs or November 2019**. C/W **FAR 91.207(d) ELT inspection and check**, no defects found. **ELT batteries (Duracell MN1300) expire Dec 2025**. Re-installed all access panels and covers. - END

I certify that this *aircraft* has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

James Allen A/P / IA 559294160

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18 570.2 hr tach — Incoming discrepancy "Nose tire goes flat" Removed tire and tube, found hole in tube. Replaced 5.00x5 tube. Reassembled wheel serviced w/ air, greased bearings and reinstalled. Charles L'Heureux Atp 3517275

YEAR
20
DATE

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303, 650-494-6516

ADVANTAGE AVIATION

Cessna

WO: **5039 / 5044** Aircraft: **N733ZK** Tach: **570.2** TTAF: **8701.5** Hobbs: 6798.9 Date: **2 Nov 2018**

Model: **Cessna 172N** S/N: **17268677** (AFTT= tach + 8131.3)

Airframe Entry

Just for the record, at the time of this annual inspection I only have the current set of logbooks available to me; the airframe logbook #4, starting on 3 August 2015 @ 7917.5 hrs tach, the engine logbook starting on 10 June 2014 @ 7812.4 hrs tach, when the current engine was installed as "overhaul/exchange" (no engine total time stated), and the propeller logbook starting 10 January 2014 @ 7670.1 hrs tach, when the prop was overhauled by Stockton Propeller Inc. (also no prop total time stated). Subsequent overhauls were accomplished by Sullivan Propeller Services.
Currently, the following components, engine and propeller, are installed on this aircraft:
Engine Model: **Lycoming O-320-H2AD** S/N: **RL-1147-76** TSO: **889.1** TSN: (unknown at this time)
Propeller Model: **McCauley 1C160/DTM7557M1** S/N: **730079** TSO: **150.6** TSN: (unknown at this time) - END

I certify this *aircraft* is approved for *Return to Service* only for the work performed and stated in this entry.

Charles L. Harvie A/P 3517275 Charles L Harvie

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Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303 650-494-6516

ADVANTAGE AVIATION

Cessna

WO: **1531** Aircraft: **N733ZK** Tach: **602.0** Hobbs: **6842.9** Date: **11 January 2019**

Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Replaced fuel selector valve P/N 9851067-45. Replaced top assembly fuel strainer Oring P/N MS29513-115. Replaced fuel strainer Plunger spring P/N 0756012-1. Replaced LH fuel tank drain Valve P/N S2106-2. Replaced baggage compartment latch - END

I certify this *airframe* is approved for *return to service* only for the work performed and stated in this entry.

Jorge Robles A/P 3877536

www.advantage-aviation.com

YEAR
20__
DATE

...erations
...umber of
...ic entries.)

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303 650-494-6516

ADVANTAGE AVIATION

Cessna A Textron Company

WO: **5240** Aircraft: **N733ZK** Tach: 613.90 TTA: **8745.2** Date: **1-24-2019**
Model: **Cessna 172N** S/N: **17268677**

Airframe Entry

Completed **50 hr Inspection**. Inspected interior and exterior of airframe, wings and empennage. Inspected and lubricated all flight controls. Inspected tires and brakes for wear. Serviced tire with air. Lubricated nose gear with Aeroshell 22. C/W AD2011-10-09 Seat rail Inspection for cracks and dimensional check. No defects found at this time. Next due @ tach time 713.90. - END

I certify this aircraft is approved for return to service only for the maintenance items stated in this entry.

Jorge Robles A/P / IA 3877536

www.advantageaviation.com

Make: Cessna
Model: 172N
S/N: 17260677
Reg. No: N733ZK

Aerial Avionics
2550 John Montgomery Dr.
San Jose, CA 95148

Date: 02/16/2019
Tach Time: 628.2

Aerial AVIONICS

Removed KT76A P/N 066-1062-00 S/N 108837, AR-850 Altitude Reporter S/N 27394, and applicable wiring. Installed AV-801 WAAS/GPS antenna S/N 181050 at station 41 with use of an antenna doubler in accordance with AC 43.13-2B Chapter 3. Installed NGT 9000 P/N 9029000-20000 S/N LXE12677 in accordance with ADS-B Technologies AML STC SA02444AK Installation Manual L3-76AK-IM1 Revision 4, dated 15 July 2017. Installed BNC Notch Filter P/N 330-00067-00 in-line with #2 com antenna to reduce interference with WAAS GPS signal. Updated weight and balance and equipment list to reflect installation. Refer to FAA Form 337 Dated 02/16/2019. The ATC Transponder NGT9000 was tested and inspected as required by FAR 91.413 and found to comply with App. F of Part 43. I certify that the aircraft and or component identified therein has been repaired and or inspected using current manufacturers data, and current Federal Aviation Regulations and approve said item for return to service. Details are on file at Aerial Avionics under work order 3252 Dated. Feb. 16, 2019. Aerial Avionics FAA CRS 7IAR379B

signed_____

YEAR
20
DATE

Beechcraft 1903 Embarcadero Road, Palo Alto, Calif., 94303, 650-494-6516

ADVANTAGE AVIATION

Cessna

WO: 1595 Aircraft: **N733ZK** Tach: **637.5** TTAF: **8768.8** Hobbs: 6894.8 Date: **15 March 2019**

Model: **Cessna 172N** S/N: **17268677** (AFTT= tach + 8131.3)

Airframe Entry

Discrepancy Repair—Removed and replaced worn RH tube and tire, p/n AB3E4 (tire) and GL-6020B(tube). Replaced worn brake disc, p/n 164-30615-1. Removed and replaced RH brake linings, p/n 066-30026. Op check of brakes good. - END

I certify this *aircraft* is approved for *Return to Service* only for the work performed and stated in this entry.

Donald Ganschow A&P 3830225

www.advantage-aviation.com

Airframe Logbook Entry

4/22/2019
Tach: 641.5
TTA:

N733ZK
CESSNA 172N
s/n 17268667

Installed new landing/taxi light switch p/n ~~TTGC-TA201-TW-B~~. ----------end----------

Chris Camph 3568328 A&P/IA 4/22/2019

Make: Cessna
Model: 172N
S/N: 17260677
Reg. No: N733ZK

Aerial Avionics
2550 John Montgomery Dr.
San Jose, CA 95148

Date: 06/04/2019
Tach Time: 663.4

Updated EFD 1000 P/N 910-00001-001 S/N 12987 to main software version 2.9.0.1 as per Service Bulletin Number: SB2019-01 Revision A Effective Date: March 11, 2019. Removed EFD 1000 P/N 910-00001-001 S/N 12987 from the aircraft and placed onto bench for battery replacement. Replaced EFD Battery with Used P/N 409-00003-01 in accordance with Section 14 of Aspen Avionics EFD1000 Instructions for Continued Airworthiness Doc. 900-00012-00 Rev. Y. Reinstalled EFD1000 back into the aircraft. Installed new CI-105 Transponder Antenna S/N 91270 and interfaced to the NGT9000 with use of new RG142 coax cable. Antenna installation in accordance with AC43.13-1B Chapter 3 Antenna Installation. Weight Change Negligible. The ATC Transponder was tested and inspected as required by FAR 91.413 and found to comply with App. F of Part 43. I certify that the aircraft and or component identified therein has been repaired and or inspected using current manufacturers data, and current Federal Aviation Regulations and approve said item for return to service. Details are on file at Aerial Avionics under work order 4097 Dated, June. 04 2019. Aerial Avionics FAA CRS 7IAR379B signed_____

YEAR 20 ____ 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.

Make: Cessna
Model: 172N
S/N: 17260677
Reg. No: N733ZK

Aerial Avionics
2550 John Montgomery Dr.
San Jose, CA 95148

Date: 06/14/2019
Tach Time: 665.9

Removed EFD 1000 P/N 910-00001-001 S/N 12987 from the aircraft and placed onto bench for battery replacement. Replaced EFD Battery with new P/N 409-00003-01 in accordance with Section 14 of Aspen Avionics EFD1000 Instructions for Continued Airworthiness Doc. 900-00012-001 Rev. Y. Reinstalled EFD1000 back into the aircraft. Found alternator wire chaffing on metal edge with signs of arcing. Applied anti chafe strip to metal edge and chafe protection to wire. Found loose connection at battery bus and intermittent arcing to neighboring circuit breaker. Replaced oversized washer to prevent short circuit. Tightened connection and applied chafe protection. Removed NGT 9000 P/N 9029000-20000 S/N LXE12677 and replaced with overhauled P/M 9029000-20000 S/N LXE01674 returned to service by ACSS FAA CRS L3ZR029X. The ATC Transponder was tested and inspected as required by FAR 91.413 and found to comply with App. F of Part 43. I certify that the aircraft and or component identified therein has been repaired and or inspected using current manufacturers data, and current Federal Aviation Regulations and approve said item for return to service. Details are on file at Aerial Avionics under work order 4112 Dated, June 14, 2019. Aerial Avionics FAA CRS 7IAR379B signed _____

YEAR 20____ 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.)

N733ZK
CESSNA 172N
s/n 17268667

Airframe Logbook Entry

7/24/2019
Tach: 670.6
TTA: 8801.9

Completed **ANNUAL** Inspection and service referencing *Cessna 172 Series Maintenance Manual & FAR 43, Appendix D.* A.D.'s checked **thru Issue 2019-13**. C/W **AD 2001-23-03 Map Light Switch Chafing** by insp, ok; ***next due @ Annual***. C/W **AD 2011-10-09 Seat Slippage** by inspection, ok; ***next due 100hrs/Annual***. Installed new co-pilot inboard seat rail p/n **0511243-4**. Installed 2ea new LH door upper hinge pins p/n **0517019-12.** Installed new LH cabin door inside pull strap p/n **S1362-25**. Installed new air filter housing assy p/n **BA5110A, Rev D.** Installed new nose tire (**5.00x5-6ply Airhawk**). ELT inspected per *FAR 91.207(d)* & found to be in satisfactory condition, ELT batteries expire **DECEMBER 2025**. I certify that this **Aircraft** has been inspected per an **ANNUAL** and determined to be in **AIRWORTHY** condition. Returned to service.

----------end----------

Precision Static Testing
FAA Certified Repair
PHONE: (925) 449-5904

I certify that the altimeter(s) and
by 14 CFR § 91.411 and transpo
91.413, including data correspor
have been performed and found
43, Appendix E and F.
Tested to 20½ feet.
W/O# 16520
Inspected by

YEAR 20___ 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

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **2605** AIRCRAFT: **N733ZK** TACH: **688.4**
DATE: **12/27/2019**
MODEL: **Cessna 172N** S/N: **17268677**

Removed incandescent beacon and power supply. Installed new Whelen LED beacon (P/N: 01-0771055-00, S/N: 02634) in accordance with STC# SA615EA. See FAA Form 337 and revised aircraft weight and balance this date. Ops check good. All work completed in accordance with the Cessna 172 Service Manual and Whelen 71055 Series Installation Guide.

This airframe is approved for return to service, for only the work performed.

Hernan Galvan A&P 3162366

Make: Cessna
Model: 172N
S/N: 17260677
Reg. No: N733ZK

Aerial Avionics
2550 John Montgomery Dr.
San Jose, CA 95148

Date: 01/28/2020
Tach Time: 6973.1

Upgraded NGT 9000 P/N 9029000-20000 S/N LXE01674 software to Version 3.2.2 as per L-3 Service Bulletin SB9029000-10 Rev. B, dated June 17, 2019. The ATC Transponder NGT 9000 was tested and inspected as required by FAR 91.413 and found to comply with App. F of Part 43. I certify that the aircraft and or component identified therein has been repaired and or inspected using current manufacturers data, and current Federal Aviation Regulations and approve said item for return to service. Details are on file at Aerial Avionics under work order 4270, Dated January 28, 2020 Aerial Avionics FAA CRS 7IAR379B

signed _____

YEAR 20 ___ 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.)

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **2672** AIRCRAFT: **N733ZK** TACH: **705.3** TTAF: **8836.6** DATE: **03/02/2020**

MODEL: **Cessna 172N** S/N: **17268677**

Replaced the incandescent nose cowl landing light with new Whelen Parmetheus Pro LED landing light (P/N: LSM-SCD-039-1) in accordance with STC SA02279AT. See FAA Form 337 this date. Replaced the incandescent wing tip landing lights with new Whelen Parmetheus Plus LED landing lights (2EA P/N: 01-0771833-10). Replaced the following parts with new: landing light support doubler (P/N: 0552133-5), engine cowl shock mount (P/N: SK2003-42A) and seven Dzus studs (P/N: S1115-3X). Ops check good. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Jesse Case A&P 3772878

YEAR
20
DATE

ABSOLUTE AERO

MAINTENANCE

21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **2843** AIRCRAFT: **N733ZK** TACH: **769.4** TTAF: **8927.7**

MODEL: **Cessna 172N** S/N: **17268677**

DATE: **08/25/2020**

Replaced the following parts with new: battery (P/N: RG25XC, S/N: 41098542), ELT remote switch battery (P/N: 28L), vacuum system filters (P/N: RAD9-18-1 & ARB3-5-1), induction air filter (P/N: BA-6108), alternator belt (P/N: S1597-1-37.5), brake master cylinder hoses (P/N: AE3660007B0100 & AE3660007B0145), R/H master cylinder anchor (P/N: 0713624-2), L/H steering rod boot (P/N: MC0543015-6), L/H brake disc (P/N: RA164-30615-1) and all brake linings (4EA P/N: APS66-10900), aft engine baffle support bracket (P/N: 0555237-2), engine shock mount bolts (4EA P/N: AN7-45A) and spacer washers (4EA P/N: S1450-7N32-125), pilot's door stop (P/N: 0511042-3), pilot's door hinges (1EA P/N: MC0511237-1, MC0511238-7, MC0517019-3, MC0517019-5) and all hinge pins (P/N: CDHP-KT-1), flap control cables (1EA P/N: MC0510105-193, -194), elevator horn bearing (P/N: MS24462-4), elevator bushing kit (P/N: EBC-KT-5), flap roller kit (P/N: FLP-KT-2U), aft aileron push-pull rod ends (2EA P/N: S1819-3), and aft elevator trim control cables (P/N: MC0510105-144, -145) and chain (P/N: MCS2295P25-67). Performed control system rigging for the elevator, elevator trim, aileron and flap control sytems and set cable tensions to within limts. Replaced engine baffles with new Airforms FAA/PMA complete engine baffle set (P/N: C172N-77795BRBK). Replaced carburetor air box with as-removed assembly (P/N: 0552164-4) using new gasket (P/N: SA21323). Rigged the carburetor heat control as needed. Repaired two lower cowling firewall cracks using stainless steel and monel rivets. Removed both main landing gear legs to facilitate removal of surface corrosion and reinstalled parts using new hardware (2EA P/N: S3461-108, MS21044N10). Resealed the R/H brake caliper with new o-ring (P/N: MS28775-224). Serviced and bled both brake systems with new hydraulic fluid. Serviced fuel strainer and all wheel bearings. Completed Aspen EFD1000 STC ICA inspection items. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. No defects noted at this time. I have performed an operational check and inspection on this ELT in accordance with FAR 91.207D and it has been determined to be in an airworthy condition. ELT battery expiration date: 12/2025. **C/W AD 2011-10-09 "seat slippage" by visual and dimensional inspection. Replaced one copilot's seat rail housing with new (P/N: MC1714000-33). Next due Tach: 869.4. C/W AD 2001-23-03 "map light switch" by visual inspection, no defects noted. Next due 08/2021. Verified AD 2019-01-02 & 2020-16-08 "loss of information during flight" N/A by configuration.** Verified AD's current through FAA AD biweekly 2020-17. All work completed in accordance with the Cessna 172 Service Manual. –END

I certify that this aircraft has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

Brandon Thompson A&P / IA 3212565

YEAR 20____ 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.)

Make: Cessna
Model: 172N
S/N: 17260677
Reg. No: N733ZK

Aerial Avionics
120 Olmsted Way
Monterey, CA 93940

Date: 09/04/2020
Tach Time: 772.5

Removed NGT 9000 P/N 9029000-20000 S/N LXE01674 and replaced with overhauled P/M 9029000-20000 S/N LXE10989 returned to service by ACSS FAA CRS L3ZR029X. The ATC Transponder was tested and inspected as required by FAR 91.413 and found to comply with App. F of Part 43. I certify that the aircraft and or component identified therein has been repaired and or inspected using current manufacturers data, and current Federal Aviation Regulations and approve said item for return to service. Details are on file at Aerial Avionics under work order 4349 Dated, Sep 04, 2020. Aerial Avionics FAA CRS 7IAR379B

signed_____

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **2962** AIRCRAFT: **N733ZK** TACH: **820.2** TTAF: **8978.5** DATE: **10/20/2020**

MODEL: **Cessna 172N** S/N: **17268677**

Completed 50 hour inspection and servicing referencing Absolute Aero 50 hour checklist. Replaced vacuum pump with new (P/N: AA3215CC, S/N: 0F3224). Tensioned alternator belt. Lubricated control surfaces. Serviced tire pressures and visually inspected tires and brakes for wear. Ground ran engine, leak and ops check good. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Jesse Case A&P 3772878

YEAR
20
DATE

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · **510 782-6591**

AIRFRAME ENTRY

WORK ORDER: **3015** AIRCRAFT: **N733ZK** TACH: **835.7**
MODEL: **Cessna 172N** S/N: **17268677**
DATE: **11/24/2020**

Replaced the fuel strainer plunger assembly and resealed the strainer using new service kit (P/N: FS-KT-12). Leak and ops check good. Ground ran engine, no leaks noted. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · **510 782-6591**

AIRFRAME ENTRY

WORK ORDER: **3054** AIRCRAFT: **N733ZK** TACH: **861.3**
MODEL: **Cessna 172N** S/N: **17268677**
DATE: **01/04/2021**

Replaced cowl fasteners with new (3EA P/N: S1115-30). Replaced right position light lamp with new (P/N: U1512). Repaired bad wire crimp at the aft position light and replaced lamp with new (P/N: AML-93). Repaired wire crimp for the landing light. Ops check good. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

YEAR 20___ 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.)

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3066** AIRCRAFT: **N733ZK** TACH: **872.5** TTAF: **9030.8**

DATE: **02/05/2021**

MODEL: **Cessna 172N** S/N: **17268677**

Replaced the following parts with new: induction air filter (P/N: BA-6108), cylinder #4 exhaust riser (P/N: A1754007-1), #2 & 4 exhaust clamp halves (4EA P/N: A0750161-25), battery terminal grommets (2EA P/N: AN931-11-16), R/H flapwell skin bracket (P/N: 0523231-24), L/H brake caliper bleed screw (P/N: 079-00300), and two cowl dzus fastener receptacles (P/N: S1115-19). Repaired the carburetor heat shroud. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. No defects noted at this time. **C/W AD 2011-10-09 "seat slippage" by visual and dimensional inspection, no defects noted at this time. Next due Tach: 972.5. Verified AD 2020-18-01 "door post cracks" N/A by serial number.** Verified AD's current through FAA AD biweekly 2021-03. All work completed in accordance with the Cessna 172 Service Manual. –END

I certify that this aircraft has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Brandon Thompson A&P 3212565

YEAR
20
DATE

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3207** AIRCRAFT: **N733ZK** TACH: **921.3** TTAF: **9079.6**
MODEL: **Cessna 172N** S/N: **17268677**
DATE: **05/13/2021**

Completed 50 hour inspection and servicing referencing Absolute Aero 50 hour checklist. Lubricated control surfaces. Serviced tire pressures and visually inspected tires and brakes for wear. Repaired landing light wiring. Ground run-up and taxi test good. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Salvador Jimenez A&P 4273987

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3264** AIRCRAFT: **N733ZK** TACH: **963.5**
MODEL: **Cessna 172N** S/N: **17268677**
DATE: **06/17/2021**

Resealed the L/H brake caliper with new o-ring (P/N: MS28775-224). Serviced and bled L/H brake system with new hydraulic fluid. Leak and ops check good. All work completed in accordance with Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Salvador Jimenez A&P 4273987

YEAR 20___ 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.)

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3269** AIRCRAFT: **N733ZK** TACH: **969.7** TTAF: **9128.0**

DATE: **06/30/2021**

MODEL: **Cessna 172N** S/N: **17268677**

Installed Skybolt Aeromotive Corporation cowling fastener conversion kit (P/N: SK2003-42A) in accordance with STC SA3285SO. See FAA Form 337 this date. Replaced the following parts with new: induction air filter (P/N: BA-6108), vacuum filters (P/N: RAD9-18-1 & ARB3-5-1), elevator trim control cable pulleys (4EA P/N: MCS378-1), R/H cabin door lower aft and forward hinges (P/N: MC0517019-4 & MC0517019-6) and hinge pin (P/N: 7205-2.00U). Completed Aspen EFD1000 STC ICA inspection items and replaced standby battery with new (P/N: 409-00003-001, S/N: 210200095). Performed aileron control cable rigging and set cable tension to within limits. Adjusted elevator, elevator trim, and flap control cable tensions to within limits. Serviced fuel strainer, wheel bearings, and completed airframe lubrication. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. No defects noted at this time.

I have performed an operational check and inspection on this ELT in accordance with FAR 91.207D and it has been determined to be in an airworthy condition. ELT battery expiration date: 12/2025. **C/W AD 2001-23-03 "map light switch" by visual inspection, no defects noted. Next due 06/2022. C/W AD 2011-10-09 "seat slippage" by visual and dimensional inspection, no defects noted at this time. Next due Tach: 1069.7.** Verified AD's current through FAA AD biweekly 2021-13. All work completed in accordance with the Cessna 172 Service Manual. –END

I certify that this aircraft has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

Jesse Case A&P / IA 3772878

YEAR 20__ 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.)

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3337** AIRCRAFT: **N733ZK** TACH: **994.0**
MODEL: **Cessna 172N** S/N: **17268677** DATE: **07/23/2021**

Replaced nose tire (P/N: AB3D4) and inner tube (P/N: 097-908-0) with new. Serviced pressure to within limits and balanced nose wheel assembly. Leak check good. All work completed in accordance with the Cessna 172 Service Manual.

This airframe is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3367** AIRCRAFT: **N733ZK** TACH: **1018.9** TTAF: **9177.2**
MODEL: **Cessna 172N** S/N: **17268677** DATE: **08/25/2021**

Completed 50 hour inspection and servicing referencing Absolute Aero 50 hour checklist. Lubricated control surfaces. Serviced tire pressures and visually inspected tires and brakes for wear. Replaced air filter element with new (P/N: BA-6108). Ground run-up and taxi test good. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Matthew Wyder A&P 4505456

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alteration** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3421** AIRCRAFT: **N733ZK** TACH: **1069.9** TTAF: **9228.2**
MODEL: **Cessna 172N** S/N: **17268677**
DATE: **10/14/2021**

Replaced the following parts with new: induction air filter (P/N: BA-6108), brake linings (4EA P/N: APS66-10900), and rudder cable fairings (2EA P/N: 28-18). Replaced the vertical stabilizer aft bolts with new. Resealed the windshield. Performed organic brake lining conditioning procedure. Set alternator belt tension as needed. Serviced fuel strainer and completed airframe lubrication. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. No defects noted at this time. **C/W AD 2011-10-09 "seat slippage" by visual and dimensional inspection, no defects noted at this time. Next due Tach: 1169.9.** Verified AD's current through FAA AD biweekly 2021-21. All work completed in accordance with the Cessna 172 Service Manual. –END

I certify that this aircraft has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Salvador Jimenez A&P 4273987

Test Altitude	Scale Error	Friction Error	Encoder
-1000	0		
0	0		
500	-10		
1000	-10	0	
1500	-10		
2000	-10	0	
3000	-10	0	
4000	-10		
5000	-10		
6000	-10		
8000	-10		
10000	-10	0	
12000	-10		
14000	-10		
15000	0	0	
16000	0		
18000	0		
20000	0	0	
22000			
25000			
30000			
35000			
40000			
45000			
50000			

Leak
Acft/Case 4L0150...

Hysteresis

% Altitude Tested	Altitude Tested	Amount Hysteresis
50%	10k	0
40%	8k	0

After Effect 0 Check Pitot Heat ☐

Baro. Scale Error (± 25 ft.)

28.10	-1727	✓
28.50	-1340	✓
29.00	-863	✓
29.50	-392	✓
29.92	0	✓
30.50	+531	✓
30.90	+893	✓
30.99	+974	✓

Aircraft # N737ZH

Date Tested: 8/23/2021

Technician:

Inspector:

Tested in compliance with Appendix E, Part 43, F.A.R 91.411
Tested to: 20k ft. W.O. #: 19860

Precision Static Testing FAA CRS# QJAR856X

PILOT / FIRST OFFICER / STAND-BY
PFD

Form 1A A02 / 08 Jan 2007

RECORDING
TACH
TIME

YEAR
20__
DATE

YEAR 20
DATE

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3465** AIRCRAFT: **N733ZK** TACH: **1126.0** TTAF: **9284.3**

DATE: **11/17/2021**

MODEL: **Cessna 172N** S/N: **17268677**

Completed 50 hour inspection and servicing referencing Absolute Aero 50 hour checklist. Replaced the following parts with new: both main tires (2EA P/N: AB3E4) and inner tubes (2EA P/N: 092-500-0), and induction air filter element (P/N: BA-6108). Repaired landing light wire connection at the light. Repaired upper cowl oil door fastener. Lubricated control surfaces. Serviced tire pressures and visually inspected tires and brakes for wear. Leak check good. Ground run-up and taxi test good. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Salvador Jimenez A&P 4273987

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3472** AIRCRAFT: **N733ZK** TACH: **1135.2** TTAF: **9293.5**

DATE: **11/24/2021**

MODEL: **Cessna 172N** S/N: **17268677**

Replaced the alternator with new Plane-Power alternator kit (P/N: AL12-F60, S/N: H-V111846). See updated aircraft weight and balance / equipment list this date. Removed the propeller to facilitate replacement of the alternator belt with new (P/N: 37A19773-382). Reinstalled propeller and torqued per McCauley SB 227B. Ground ran engine, ops check good. All work completed in accordance with the Cessna 172 Service Manual and the Plane Power AL12-F60 Installation Instructions, Drawing 10-4001. –END

This airframe is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

YEAR 20__ 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.)

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3512** AIRCRAFT: **N733ZK** TACH: **1168.1** TTAF: **9326.4**

DATE: **12/30/2021**

MODEL: **Cessna 172N** S/N: **17268677**

Replaced the following parts with new: induction air filter (P/N: BA-6108), vacuum filters (P/N: ARB3-5-1 & RAD9-18-1), and starter solenoid (P/N: STS-S12). Replaced engine starter with new Sky-Tec starter (P/N: 149-NL, S/N: H-U072002). Updated aircraft weight and balance / equipment list. Completed Aspen EFD1000 STC ICA inspection items and replaced standby battery with new (P/N: 409-00003-001, S/N: 193800013). Set alternator belt tension. Serviced fuel strainer and completed airframe lubrication. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. No defects noted at this time. **C/W AD 2011-10-09 "seat slippage" by visual and dimensional inspection, no defects noted at this time. Next due Tach: 1268.1.** Verified AD's current through FAA AD biweekly 2021-26. All work completed in accordance with the Cessna 172 Service Manual. –END

I certify that this aircraft has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Salvador Jimenez A&P 4273987

YEAR 20 ___ 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.)

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3566** AIRCRAFT: **N733ZK** TACH: **1221.5** TTAF: **9379.8**
MODEL: **Cessna 172N** S/N: **17268677**
DATE: **02/10/2022**

Completed 50 hour inspection and servicing referencing Absolute Aero 50 hour checklist. Replaced the and induction air filter element with new (P/N: BA-6108). Lubricated control surfaces. Serviced tire pressures and visually inspected tires and brakes for wear. Leak check good. Ground run-up and taxi test good. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Salvador Jimenez A&P 4273987

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3553** AIRCRAFT: **N733ZK** TACH: **1197.2** TTAF: **9355.5**
MODEL: **Cessna 172N** S/N: **17268677**
DATE: **01/28/2022**

Replaced the carburetor heat control with new (P/N: MCS1230-17) and rigged as needed. Ground ran engine, ops check good. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Salvador Jimenez A&P 4273987

YEAR 20__ 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.)

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3601** AIRCRAFT: **N733ZK** TACH: **1265.1** TTAF: **9423.4**
MODEL: **Cessna 172N** S/N: **17268677**
DATE: **04/07/2022**

Replaced the following parts with new: induction air filter (P/N: BA-6108), vacuum filters (P/N: RAD9-18-1 & ARB3-5-1), engine cowl forward bumper (P/N: SK2003-14A), exhaust muffler (P/N: A1754001-25), and #3 exhaust riser (P/N: A1754007-1). Performed sheet metal reinforcement repair to the landing light bracket using 2024T3 alunimum. Printed new compass deviation card from existing placard. Completed Aspen EFD1000 STC ICA inspection items and battery capacity test, no defects noted. Performed main battery desulfation recovery charge and capacity test. Battery passed C1: 105.2%. Serviced fuel strainer, wheel bearings, and completed airframe lubrication. Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. No defects noted at this time.
I have performed an operational check and inspection on this ELT in accordance with FAR 91.207D and it has been determined to be in an airworthy condition. ELT battery expiration date: 12/2025. **C/W AD 2001-23-03 "map light switch" by visual inspection, no defects noted. Next due 04/2023. C/W AD 2011-10-09 "seat slippage" by visual and dimensional inspection, no defects noted at this time. Next due Tach: 1365.1.** Verified AD's current through FAA AD biweekly 2022-07. All work completed in accordance with the Cessna 172 Service Manual. –END

I certify that this aircraft has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

Brandon Thompson A&P / IA 3212565

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.)

ABSOLUTE AERO
MAINTENANCE
21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

AIRFRAME ENTRY

WORK ORDER: **3700** AIRCRAFT: **N733ZK** TACH: **1323.5** TTAF: **9481.8**

DATE: **06/09/2022**

MODEL: **Cessna 172N** S/N: **17268677**

Completed 50 hour inspection and servicing referencing Absolute Aero 50 hour checklist. Replaced the induction air filter element with new (P/N: BA-6108). Lubricated control surfaces. Serviced tire pressures and visually inspected tires and brakes for wear. Leak check good. Ground run-up and taxi test good. All work completed in accordance with the Cessna 172 Service Manual. –END

This airframe is approved for return to service, for only the work performed.

Salvador Jimenez A&P 4273987