



# Cessna 172 Annual/100 Hour Inspection Checklist Template

9 Jun 2023 / Dwight McKensey / Cessna Skyhawk  
172 / 2019-471

Complete

Score	<b>80%</b>	Flagged items	<b>4</b>	Actions	<b>0</b>
<b>Aircraft Name</b>	Cessna Skyhawk 172				
<b>Conducted on</b>	09.06.2023 16:30 PST				
<b>Prepared by</b>	Dwight McKensey				
<b>Location</b>	130 Olmsted Way, Monterey, CA 93940, USA				
<b>Maintenance Report Number</b>	2019-471				

**Flagged items**

4 flagged

Inspection / Wing Surfaces and Tips

**Is there any repair needed?**

Yes



Photo 1

Inspection / Vertical and Horizontal Stabilizers, Tips and Tailcone

**Is there any repair needed?**

Yes



Photo 2

Inspection / Flap Actuator Threads

**Is there any repair needed?**

Yes

Inspection / Cowling

**Is there any repair needed?**

Yes



Photo 3

## About the Aircraft

<b>Aircraft Name</b>	Cessna Skyhawk 172
<b>Aircraft S/N</b>	17219053
<b>Airplane Time</b>	100
<b>Registration Number</b>	N869Z
<b>Current Nautical Reading</b>	9025

Inspection

4 flagged, 80%

## Aileron, Elevator, and Rudder Stops

100%

Check for damage and security

Is there any repair needed?

No

## Seat Tracks and Stops

100%

Inspect seat tracks for condition and security of installation. Check seat track stops for damage and correct location. Ensure inspection of seat rails for cracks EACH 50 HOURS.

Is there any repair needed?

No

## Wing Surfaces and Tips

1 flagged, 0%

Inspect for skin damage, loose rivets, and condition of paint.

Is there any repair needed?

Yes



Photo 1

Please describe in detail.

There was dent found on the left wing. Needs to be endorsed immediately to maintenance personnel

## Wing Struts and Strut Fairings

100%

Check for dents, cracks, loose screws and rivets, and condition of paint.

Is there any repair needed?

No

## Vertical and Horizontal Stabilizers, Tips and Tailcone

1 flagged, 0%

Inspect externally for skin damage and condition of paint

Is there any repair needed?

Yes



Photo 2

**Please describe in detail.**

Recommending to do some minor repainting in this area

## Vertical and Horizontal Stabilizers and Tailcone structure

100%

Inspect bulkheads, spars, ribs, and skins for cracks, wrinkles, loose rivets, corrosion, or other damage. Inspect vertical and horizontal stabilizer attach bolts for looseness. Retorque as necessary. Check security of inspection covers, fairings, and tips.

**Is there any repair needed?**

No

## Ailerons and Hinges

100%

Check condition, security and operation.

**Is there any repair needed?**

No

## Aileron Structure, Control Rods, Hinges, Balance Weights, Bellcranks, Linkage, Bolts, Pulleys, and Pulley Brackets -

100%

Check condition, operation, and security of attachment.

**Is there any repair needed?**

No

## Aileron Controls

100%

Check freedom of movement and proper operation through full travel with and without flaps extended.

**Is there any repair needed?**

No

## Flaps

100%

Check tracks, rollers, and control rods for security of attachment. Check operation.

**Is there any repair needed?**

No

## Flap Actuator Threads

1 flagged, 0%

Clean and lubricate

**Is there any repair needed?**

Yes

**Please describe in detail.**

Not much of a major repair. Just noticed that the flaps were not that smooth. Advising to apply some non-detergent straight mineral oil to smoothen it out

## Elevator Control

100%

Check freedom of movement and proper operation through full travel with and without flaps extended.

**Is there any repair needed?**

No

## Elevator, Hinges, and Cable Attachment

100%

Check condition, security, and operation.

**Is there any repair needed?**

No

## Elevator Trim Tab and Hinges

100%

Check condition, security, and operation

**Is there any repair needed?**

No

## Rudder

100%

Inspect the rudder skins for cracks and loose rivets, rudder hinges for condition, cracks and security; hinge bolts, hinge bearings, hinge attach fittings, and bonding jumper for evidence of damage and wear, failed fasteners, and security.

**Is there any repair needed?**

No

## Rudder, Tips, Hinges, and Cable Attachment

100%

Check condition, security, and operation.

**Is there any repair needed?**

No

## Cowling

1 flagged, 0%

Inspect for cracks, dents, and other damage, security of cowl fasteners, and cowl mounted landing lights for attachment.

**Is there any repair needed?**

Yes



Photo 3

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**Please describe in detail.**

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## **Engine**

100%

Inspect for evidence of oil and fuel leaks. Wash engine and check for security of accessories.

**Is there any repair needed?**

No

## **Engine Controls and Linkage**

100%

Check general condition, freedom of movement through full range. Check for proper travel, security of attachment, and for evidence of wear. Check friction locks for proper operation.

**Is there any repair needed?**

No

## **Ignition Switch and Electrical Harness**

100%

Inspect for damage, condition, and security.

**Is there any repair needed?**

No

## **Firewall Structure**

100%

Inspect for wrinkles, damage, cracks, sheared rivets, etc. Check cowl shock mounts for condition and security.

**Is there any repair needed?**

No

## **Engine Shock Mounts, Engine Mount Structure, and Ground Straps -**

100%

Check condition, security, and alignment

**Is there any repair needed?**

No

## **Induction System**

100%

Check security of clamps, tubes, and ducting. Inspect for evidence of leakage.

**Is there any repair needed?**

No

## **Induction Airbox, Valves, Doors, and**

100%

## Controls

Remove air filter and inspect hinges, doors, seals, and attaching parts for wear and security. Check operation. Clean and inspect air filter.

**Is there any repair needed?**

No

## Induction Air Filter

0%

Remove and clean. Inspect for damage, and service per Paragraph 2-22 and 2-22A

**Is there any repair needed?**

## Alternate Induction Air System

0%

Check for obstructions, operation, and security.

**Is there any repair needed?**

## Alternator, Mounting Bracket, and Electrical Connections

100%

Check condition and security. Check alternator belts for condition and proper adjustment. Check belt tension per Section 16, Paragraph 16-38.

**Is there any repair needed?**

No

## Battery Box and Cables

100%

Clean and remove any corrosion. Check cables for routing, support, and security of connections.

**Is there any repair needed?**

No

## Alternator Control Unit

100%

Inspect wiring, mounting, condition, and wire routing.

**Is there any repair needed?**

No

## External Power Receptacle and Power Cables

100%

Inspect for condition and security

**Is there any repair needed?**

No



**Maintenance Personnel**

**Full Name of Maintenance Personnel**



Dwight McKensey  
09.06.2023 16:47 PST

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**Certificate Number**

07382210

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**Type of Certificate Held**

A

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**Date of Completion of Maintenance work**

09.06.2023 18:15 PST

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**Contact Details**

559-555-0185

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Media summary



Photo 1



Photo 2



Photo 3