



Cessna 172 Annual/100 Hour Inspection Checklist Template

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

Complete

Score	24 / 30 (80%)	Flagged items	4	Actions	0
Aircraft Name	Cessna Skyhawk 172				
Conducted on	09.06.2023 16:30 PST				
Prepared by	Dwight McKensey				
Location	130 Olmsted Way, Monterey, CA 93940, USA				
Maintenance Report Number	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

Aircraft Name Cessna Skyhawk 172

Aircraft S/N 17219053

Airplane Time 100

Registration Number N869Z

Current Nautical Reading 9025

Inspection

4 flagged, 24 / 30 (80%)

Aileron, Elevator, and Rudder Stops

1 / 1 (100%)

Check for damage and security

Is there any repair needed?

No

Seat Tracks and Stops

1 / 1 (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 / 1 (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

1 / 1 (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 / 1 (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

1 / 1 (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

1 / 1 (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 -

1 / 1 (100%)

Check condition, operation, and security of attachment.

Is there any repair needed?

No

Aileron Controls

1 / 1 (100%)

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

Is there any repair needed?

No

Flaps

1 / 1 (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 / 1 (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

1 / 1 (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

1 / 1 (100%)

Check condition, security, and operation.

Is there any repair needed?

No

Elevator Trim Tab and Hinges

1 / 1 (100%)

Check condition, security, and operation

Is there any repair needed?

No

Rudder

1 / 1 (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

1 / 1 (100%)

Check condition, security, and operation.

Is there any repair needed?

No

Cowling

1 flagged, 0 / 1 (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

Please describe in detail.

Engine

1 / 1 (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

1 / 1 (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

1 / 1 (100%)

Inspect for damage, condition, and security.

Is there any repair needed?

No

Firewall Structure

1 / 1 (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 -

1 / 1 (100%)

Check condition, security, and alignment

Is there any repair needed?

No

Induction System

1 / 1 (100%)

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

Is there any repair needed?

No

Induction Airbox, Valves, Doors, and Controls

1 / 1 (100%)

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 / 1 (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 / 1 (0%)

Check for obstructions, operation, and security.

Is there any repair needed?

Alternator, Mounting Bracket, and Electrical Connections

1 / 1 (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

1 / 1 (100%)

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

Is there any repair needed?

No

Alternator Control Unit

1 / 1 (100%)

Inspect wiring, mounting, condition, and wire routing.

Is there any repair needed?

No

External Power Receptacle and Power Cables

1 / 1 (100%)

Inspect for condition and security

Is there any repair needed?

No

Maintenance Personnel

Full Name of Maintenance Personnel



Dwight McKensy
09.06.2023 16:47 PST

Certificate Number

07382210

Type of Certificate Held

A

Date of Completion of Maintenance work

09.06.2023 18:15 PST

Contact Details

559-555-0185

Media summary



Photo 1



Photo 2



Photo 3