

Airworthiness Requirements

TEST PREP

1

An aircraft had a 100-hour inspection when the tachometer read 1259.6. When is the next 100-hour inspection due?

- a. 1369.6 hours.
- b. **1359.6 hours.**
- c. 1349.6 hours.

2

A chair-type parachute must have been packed by a certificated and appropriately rated parachute rigger within the preceding

- a. **180 days.**
- b. 90 days.
- c. 60 days.

3

Where may an aircraft's operating limitations be found if the aircraft has an Experimental or Special light-sport airworthiness certificate?

- a. In the aircraft airframe and engine logbooks.
- b. **Attached to the Airworthiness Certificate.**
- c. In the current, FAA-approved flight manual.

4

When must the battery in an emergency locator transmitter (ELT) be replaced (or recharged if the battery is rechargeable)?

- a. During each annual and 100-hour inspection.
- b. **After one-half the battery's useful life.**
- c. Every 24 calendar months.

5

How long does the Airworthiness Certificate of an aircraft remain valid?

- a. As long as the aircraft has a current Registration Certificate.
- b. Indefinitely, unless the aircraft suffers major damage.
- c. **As long as the aircraft is maintained and operated as required by Federal Aviation Regulations.**

6

To determine the expiration date of the last annual aircraft inspection, a person should refer to the

- a. **aircraft maintenance records.**
- b. Registration Certificate.
- c. Airworthiness Certificate.

7

Which operation would be described as preventive maintenance?

- a. Engine adjustments to allow automotive gas to be used.
- b. Alteration of main seat support brackets.
- c. **Servicing landing gear wheel bearings.**

8

If an alteration or repair substantially affects an aircraft's operation in flight, that aircraft must be test flown by an appropriately-rated pilot and approved for return to service prior to being operated

- a. for compensation or hire.
- b. by any private pilot.
- c. **with passengers aboard.**

9

Who is responsible for determining if an aircraft is in condition for safe flight?

- a. The owner or operator.
- b. **The pilot in command.**
- c. A certificated aircraft mechanic.

10

After purchasing an airplane from a dealer, is it legal to fly away using the dealer's aircraft registration?

- a. **No, the airplane must be first registered to the new owner.**
- b. Yes, the airplane can be flown for 30 days using the previous registration.
- c. Yes, but only for the purpose of flying the airplane to the owner's home airport.

11

What aircraft inspections are required for rental aircraft that are also used for flight instruction?

- a. Biannual condition and 100-hour inspections.
- b. Annual condition and 100-hour inspections.
- c. Annual condition and 50-hour inspections.

12

May a pilot operate an aircraft that is not in compliance with an Airworthiness Directive (AD)?

- a. Yes, AD's are only voluntary.
- b. Yes, if allowed by the AD.
- c. Yes, under VFR conditions only.

13

Which is normally prohibited when operating a restricted category civil aircraft?

- a. Flight within Class D airspace.
- b. Flight over a densely populated area.
- c. Flight under instrument flight rules.

14

How often must the aircraft's ELT be inspected?

- a. Within 24 calendar months of the last inspection
- b. Every two years
- c. Within 12 calendar months of the last inspection

15

Which operation would be described as preventive maintenance?

- a. Repair of portions of skin sheets by making additional seams.
- b. Repair of landing gear brace struts.
- c. Replenishing hydraulic fluid.

16

What is/are the aircraft inspection requirement(s) when receiving dual instruction in a rental airplane at a flight school?

- a. 100-hour inspection
- b. Annual Inspection
- c. Annual inspection and a 100-hour inspection

17

Who is responsible for ensuring appropriate entries are made in maintenance records indicating the aircraft has been approved for return to service?

- a. Repair station.
- b. Certified mechanic.
- c. Owner or operator.

18

Preventive maintenance has been performed on an aircraft. What paperwork is required?

- a. A full, detailed description of the work done must be entered in the airframe logbook.
- b. The date the work was completed, and the name of the person who did the work must be entered in the airframe and engine logbook.
- c. The signature, certificate number, and kind of certificate held by the person approving the work and a description of the work must be entered in the aircraft maintenance records.

19

Which records or documents shall the owner or operator of an aircraft keep to show compliance with an applicable Airworthiness Directive?

- a. Airworthiness and Registration Certificates.
- b. Airworthiness Certificate and Pilot's Operating Handbook.
- c. Aircraft maintenance records.

20

No person may use an ATC transponder unless it has been tested and inspected within at least the preceding

- a. 24 calendar months.
- b. 6 calendar months.
- c. 12 calendar months.

21

Unless otherwise specifically authorized, no person may operate an aircraft that has an experimental certificate

- a. over a densely populated area or in a congested airway.
- b. beneath the floor of Class B airspace.
- c. from the primary airport within Class D airspace.

22

The responsibility for ensuring that maintenance personnel make the appropriate entries in the aircraft maintenance records indicating the aircraft has been approved for return to service lies with the

- a. owner or operator.
- b. mechanic who performed the work.
- c. pilot in command.

23

Completion of an annual condition inspection and the return of the aircraft to service should always be indicated by

- a. an appropriate notation in the aircraft maintenance records.
- b. an inspection sticker placed on the instrument panel that lists the annual inspection completion date.
- c. the relicensing date on the Registration Certificate.

24

Who may perform preventive maintenance on an aircraft and approve it for return to service?

1. Student or Recreational pilot.
2. Private or Commercial pilot.
3. None of the above.
 - a. 1.
 - b. Neither 1 or 2.
 - c. **2.**

25

Who is primarily responsible for maintaining an aircraft in airworthy condition?

- a. Mechanic.
- b. **Owner or operator.**
- c. Pilot-in-command.

26

What is/are the aircraft inspection requirement(s) when receiving dual flight instruction in your own airplane?

- a. **Annual inspection**
- b. 100-hour inspection
- c. Annual inspection and a 100-hour inspection

27

Maintenance records show the last transponder inspection was performed on September 1, 2014. The next inspection will be due no later than

- a. September 1, 2016.
- b. September 30, 2015.
- c. **September 30, 2016.**

28

What should an owner or operator know about Airworthiness Directives (AD's)?

- a. For Informational purposes only.
- b. **They are mandatory.**
- c. They are voluntary.

29

When must batteries in an emergency locator transmitter (ELT) be replaced or recharged, if rechargeable?

- a. When the ELT can no longer be heard over the airplane's communication radio receiver.
- b. After any inadvertent activation of the ELT.
- c. **When the ELT has been in use for more than 1 cumulative hour.**

30

Where should a private pilot record preventive maintenance action performed on an airplane?

- a. No record-keeping is required.
- b. Pilot flight logbooks
- c. **Maintenance logbooks**

31

How long is a Certificate of Aircraft Registration valid for?

- a. 3 years after it was issued.
- b. Indefinitely, as long the airplane is not sold to another person.
- c. **7 years after the last day of the month it was issued.**

32

Who is responsible for ensuring Airworthiness Directives (AD's) are complied with?

- a. Repair station.
- b. **Owner or operator.**
- c. Mechanic with inspection authorization (IA).

33

An aircraft's annual condition inspection was performed on July 12, this year. The next annual inspection will be due no later than

- a. **July 31, next year.**
- b. July 1, next year.
- c. July 13, next year.

34

What regulation allows a private pilot to perform preventive maintenance?

- a. 14 CFR Part 43.7.
- b. 14 CFR Part 91.403.
- c. 14 CFR Part 61.113.

35

An aircraft's annual inspection was performed on July 12, this year. The next annual inspection will be due no later than

- a. July 13, next year.
- b. July 31, next year.
- c. July 1, next year.

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A 100-hour inspection was due at 3302.5 hours. The 100-hour inspection was actually done at 3309.5 hours. When is the next 100-hour inspection due?

- a. 3402.5 hours.
- b. 3312.5 hours.
- c. 3395.5 hours.