

HQ AFSVA/SVPAR
Annual Certified Flight Instructor (CFI)
REEXAMINATION

1 October 2002

(Required passing score: 80%)

Please do not mark on booklet

Annual Certified Flight Instructor Reexamination Questions (22)

(Questions 1 – 10 reference FAA-H-8083-9, *Aviation Instructor's Handbook*)

1. True performance as a professional is based on study and
 - A. research.
 - B. perseverance.
 - C. attitude.

2. Students quickly become apathetic when they
 - A. realize material is being withheld by the instructor.
 - B. recognize that the instructor is not adequately prepared.
 - C. understand the objectives toward which they are working.

3. Motivations that cause a student to react with fear and anxiety are
 - A. negative.
 - B. tangible.
 - C. difficult to identify.

4. Every lesson, when adequately developed, falls logically into the four steps of the teaching process -
 - A. preparation, presentation, application, and review and evaluation.
 - B. preparation, introduction, presentation, and review and evaluation.
 - C. preparation, introduction, presentation, and review and application.

5. Aviation instructors should be constantly alert for ways to improve the services they provide to their students, their effectiveness, and their
 - A. demeanor.
 - B. appearance.
 - C. qualifications.

6. To ensure proper habits and correct techniques during training, an instructor should
 - A. repeat subject matter the student has already learned.
 - B. introduce challenging material to continually motivate the student.
 - C. use the building block technique of instruction.

7. When asking a student to explain how gross weight affects maneuvering speed, what level of learning is being tested?
 - A. Correlation.
 - B. Understanding.
 - C. Application.

8. Which statement is true concerning computer-based training (CBT)?
- A. One of the major advantages of CBT is that students can progress at a rate which is comfortable for them.
 - B. CBT may be used by the instructor as stand-alone training.
 - C. The instructor need not be actively involved with the students when using instructional aids.
9. During the flight portion of a practical test, the examiner simulates complete loss of engine power by closing the throttle and announcing, "simulated engine failure." What level of learning is being tested?
- A. Application.
 - B. Understanding.
 - C. Correlation.
10. Name one way an instructor can help develop student insights.
- A. Point out various items to avoid during the learning process.
 - B. Keep learning blocks small so they are easier to understand.
 - C. Provide a secure and nonthreatening environment in which to learn.

(Question 11 references PHAK)

11. An altimeter indicates 1,850 feet MSL when set to 30.18. What is the approximate pressure altitude?
- A. 1,590 feet.
 - B. 2,110 feet.
 - C. 1,824 feet.

(Questions 12 - 13 reference AIM)

12. A rapid acceleration can create the illusion of being in a
- A. noseup attitude.
 - B. nosedown attitude.
 - C. left turn.
13. What effect does haze have on the ability to see traffic or terrain features during flight?
- A. The eyes tend to overwork in haze and do not detect relative movement easily.
 - B. Haze causes the eyes to focus at infinity.
 - C. All traffic or terrain features appear to be further away than their actual distance.

(Question 14 references 14 CFR Part 91)

14. How long may an aircraft be operated after the emergency locator transmitter has been initially removed for maintenance?

- A. 90 days.
- B. 30 days.
- C. 7 days.

(Question 15 references AC 00-6, Aviation Weather)

15. Which condition could be expected if a strong temperature inversion exists near the surface?

- A. An OAT increase or decrease with a constant wind condition.
- B. Strong, steady downdrafts and an increase in OAT.
- C. A wind shear with the possibility of a sudden loss of airspeed.

(Question 16 references AC 60-22)

16. Aeronautical decision making (ADM) can be defined as a

- A. decision making process which relies on good judgment to reduce risks associated with each flight.
- B. systematic approach to the mental process used by pilots to consistently determine the best course of action in response to a given set of circumstances.
- C. mental process of analyzing all available information in a particular situation, making a timely decision on what action to take, and when to take the action.

(Questions 17 - 20 reference FAA-H-8083-3, Airplane Flying Handbook)

17. One reason a student tends to round out high during landing is

- A. changing focus gradually.
- B. focusing on references that are too close or looking directly down.
- C. focusing on references too far ahead.

18. If the wing moves behind the pylon during properly coordinated eights-on-pylons, the airplane is

- A. flying too fast.
- B. below pivotal altitude.
- C. above pivotal altitude.

19. The indicated lift-off airspeed for short-field takeoffs in a particular aircraft will normally be
- A. greater than for soft- or rough-field takeoffs.
 - B. greater under tailwind conditions than required under headwind conditions.
 - C. the same as for soft- or rough-field takeoffs.
20. What may occur if the initial bank is too shallow when performing a chandelle?
- A. Stalling the aircraft before reaching the 180° point.
 - B. Completing the maneuver with too low a pitch attitude.
 - C. Completing the maneuver with excessive airspeed.

(Questions 21 - 22 reference AFMAN 34-232 and USAF Aero Club Instructor Standardization Guide)

21. A member who has gone non-current in a C-172 has come to you, an aero club flight instructor, requesting a recurrency checkout in a C-172. Assuming you are current and qualified to accomplish this check, which of the following are required to complete this checkout?
- A. Member must complete **open and closed book** portions of the aircraft written test prior to the flight. Member must demonstrate performance to the applicable standards listed in the *HQ AFSVA Instructor Standardization Guide*.
 - B. Member must complete only the **closed book** portion of the aircraft written test prior to the flight. Member must demonstrate performance to the applicable standards listed in the *HQ AFSVA Instructor Standardization Guide*.
 - C. Member must complete the **standardization** written test prior to the flight. Member must demonstrate performance to the applicable standards listed in the appropriate Practical Test Standards.
22. Referencing question number 21 above, which of the following tasks are required to be accomplished on a recurrency checkout?
- A. Steep turns, maneuvering during slow flight, and power-off stalls.
 - B. Forward slip, short-field takeoff/climb, and local procedures.
 - C. Power-on stalls, go-around, and soft-field approach/landing.