

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

STUDENT NAME:

DATE AND TIME:

01. Where should a remote pilot look to find the official weight and balance limits for their specific small UAS?

- a) 14 CFR Part 107 regulations.
- b) The manufacturer's operating manual or Pilot's Operating Handbook (POH).
- c) The FAA DroneZone website.

02. What is the primary cause of all changes in the Earth's weather?

- a) Variation of solar energy received by the Earth's regions.
- b) Changes in air pressure over the oceans.
- c) The Coriolis force.

03. Runway numbers are determined by:

- a) The length of the runway in hundreds of feet.
- b) The true heading of the runway.
- c) The magnetic heading of the runway, rounded to the nearest 10 degrees and dropping the last zero.

04. One of the purposes for issuing a Temporary Flight restriction (TFR) is to

- a) announce Parachute Jump Areas.
- b) protect public figures.
- c) identify Airport Advisory Areas.

05. How should you pronounce the number '9' over aviation radios?

- a) Nine.
- b) Nino.
- c) Niner.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

06. Can you carry hazardous materials on a small UAS under Part 107?

- a) Yes, if securely fastened.
- b) Yes, if you have a hazardous materials endorsement.
- c) No, carrying hazardous materials is explicitly prohibited.

07. During a flight, the drone battery catches fire and destroys the drone, but causes no other damage. Do you need to report this to the FAA?

- a) No, damage to the drone itself does not require reporting.
- b) Yes, all fires must be reported within 10 days.
- c) Yes, because the cost of the drone exceeds \$500.

08. What effect does a strong headwind have on a small UAS trying to fly from point A to point B?

- a) It increases the ground speed and reduces battery consumption.
- b) It decreases the ground speed, meaning the drone will require more battery power and time to cover the same distance.
- c) It has no effect on ground speed, only on indicated airspeed.

09. If the Center of Gravity (CG) is too far forward, how does it affect the flight characteristics of an aircraft?

- a) It increases the maximum flight time.
- b) It decreases the stalling speed.
- c) It makes the aircraft nose-heavy, requiring more back-pressure or elevator trim to maintain level flight.

10. To find out more information about parachute operations in the vicinity of an airport, what would you look at?

- a) Pilot's Handbook of Aeronautical Knowledge.
- b) Chart Supplements/Airport Facilities Directory.
- c) Local county website.

11. Which of the following medical conditions would prevent a remote PIC from conducting an sUAS operation?

- a) Any condition that would interfere with the safe operation of the sUAS.
- b) Only conditions related to eyesight.
- c) Only conditions requiring hospitalization.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

12. This is a type of hazardous attitude characterized by wanting to do everything quickly with no due consideration of safety measures and operational objectives.

- a) Machismo.
- b) Invulnerability.
- c) Impulsivity.

13. When monitoring the radio, you hear a pilot state: 'Cessna 123AB, left base runway 36, midwest traffic'. The aircraft is:

- a) Preparing to make a left turn onto the final approach for a North-facing runway.
- b) Departing a North-facing runway.
- c) Landing on a West-facing runway.

14. What is the antidote for the hazardous attitude of 'Resignation'?

- a) Not so fast. Think first.
- b) I am not helpless. I can make a difference.
- c) Taking chances is foolish.

15. While operating a drone in a desert environment during the afternoon, a remote pilot notices small, swirling columns of dust. These are known as:

- a) Microbursts.
- b) Dust devils, which indicate unstable air and localized turbulence.
- c) Squall lines.

16. A 'flyaway' occurs when:

- a) The pilot intentionally flies the drone beyond visual line of sight.
- b) The drone experiences a lost link and does not follow its pre-programmed fail-safe routine, flying unpredictably.
- c) The wind pushes the drone faster than its maximum speed.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

17. This methodology or principle is what drone pilots should exercise to anticipate potential hazards and enact preventive or mitigating measures.

- a) Safety Management System.
- b) Risk Management.
- c) Crew Resource Management.

18. Federal Airways (Victor Airways) are generally Class E airspace. What are the vertical limits of a Federal Airway?

- a) From the surface to 10,000 feet MSL.
- b) 1,200 feet AGL up to, but not including, 18,000 feet MSL.
- c) 700 feet AGL up to 14,500 feet MSL.

19. What happens to the stall speed of an aircraft during a banked turn?

- a) The stall speed increases as the bank angle increases.
- b) The stall speed decreases as the bank angle increases.
- c) The stall speed remains the same regardless of bank angle.

20. How often are standard TAFs generally issued?

- a) Every hour.
- b) Four times a day (every 6 hours).
- c) Twice a day (every 12 hours).

21. How do you calculate the Center of Gravity (CG) of an aircraft?

- a) Divide total weight by total arm.
- b) Multiply total weight by total moment.
- c) Divide total moment by total weight.

22. Which aircraft characteristic is most negatively affected by an increase in density altitude?

- a) Maximum speed.
- b) Radio range.
- c) Climb performance and overall lift generation.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

23. What must a remote pilot obtain before operating a small UAS in Class C airspace?

- a) Prior authorization from Air Traffic Control (ATC).
- b) A waiver from the FAA Administrator.
- c) A Mode C transponder.

24. What is a microburst?

- a) A small tornado.
- b) A localized, severe downdraft of air that spreads outward in all directions when it hits the ground.
- c) A sudden drop in barometric pressure.

25. How do you request authorization to fly in Class B, C, or D airspace?

- a) By contacting the local control tower via VHF radio.
- b) By calling the airport manager.
- c) Through LAANC or the FAA DroneZone website.

26. What is the purpose of MULTICOM?

- a) It is used by ATC to control ground traffic.
- b) It provides automated weather at uncontrolled fields.
- c) It is a frequency (usually 122.9 MHz) used for self-announce procedures at airports without a tower, FSS, or UNICOM.

27. What is the minimum distance a small unmanned aircraft must remain below a cloud?

- a) 500 feet.
- b) 1,000 feet.
- c) 2,000 feet.

28. How long does a typical microburst usually last?

- a) Seldom longer than 15 minutes.
- b) Up to 1 hour.
- c) Between 1 and 3 hours.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

29. While monitoring the Cooperstown CTAF you hear an aircraft announce that they are midfield left downwind to RWY 13. Where would the aircraft be relative to the runway?



- a) The aircraft is East.
- b) The aircraft is South.
- c) The aircraft is West.

30. If you are flying a drone in an area with a high density altitude, you can expect your drone's propellers to:

- a) Be more efficient because there is less air friction.
- b) Be less efficient because the air is 'thinner' and provides less bite.
- c) Generate exactly the same amount of thrust as at sea level.

31. When flying a drone at a construction site, what is a specific operational hazard you should brief your crew about?

- a) Magnetic interference from heavy machinery, cranes, and shifting obstacles.
- b) Sudden drops in density altitude.
- c) Birds nesting in the area.

32. How long is a Federal Aviation Administration (FAA) sUAS Certificate of Registration valid?

- a) 12 months.
- b) 24 months.
- c) 36 months.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

33. Fatigue can be either acute (short-term) or chronic (long-term). Which is the best way to prevent acute fatigue?

- a) Drinking caffeinated beverages.
- b) Getting adequate rest and sleep.
- c) Engaging in strenuous exercise before a flight.

34. When may a remote pilot operate a small UAS from a moving watercraft?

- a) When the operation takes place over a sparsely populated area.
- b) When operating in Class B airspace.
- c) It is never permitted to operate from a moving watercraft.

35. If a small UAS does not have a manufacturer's published weight and balance manual, what should the remote PIC do?

- a) Develop their own process or use industry best practices to ensure the aircraft is safely loaded and balanced.
- b) Assume the aircraft can carry any payload as long as it takes off.
- c) The remote PIC is prohibited from flying the aircraft without a published manual.

36. Can an air traffic controller at a local tower give you Part 107 airspace authorization over a VHF radio?

- a) Yes, verbal authorization is preferred.
- b) Yes, but only in Class D airspace.
- c) No, Part 107 operators must use LAANC or the FAA DroneZone for authorization.

37. Is a visual observer (VO) required for all Part 107 operations?

- a) Yes, you must always have a VO.
- b) No, a VO is optional, but highly recommended.
- c) No, a VO is only required if flying over people.

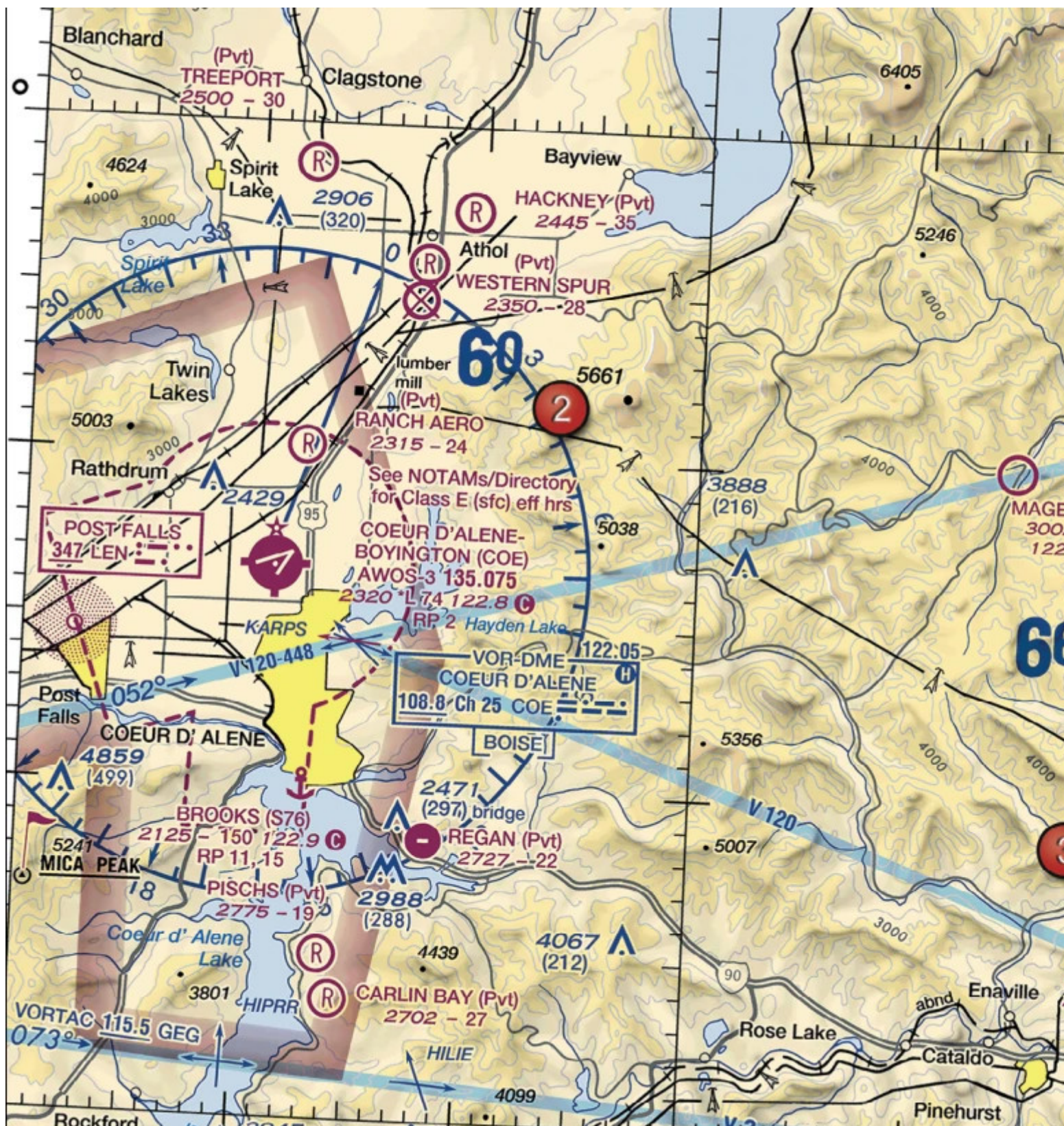
38. At Coeur D'Alene which frequency should be used as a Common Traffic Advisory Frequency (CTAF) to monitor airports?

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it



- a) 122.05 MHz.
- b) 122.8 MHz.
- c) 135.075 MHz.

Visit quizvds.it and download the Apps for iPhone, iPad and Android!

QuizVds.it

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

39. When computing weight and balance, the 'datum' is:

- a) An imaginary vertical plane or line from which all measurements of arm are taken.
- b) The exact center of the propeller hub.
- c) The total weight of the aircraft empty.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

40. You are planning to fly a drone at a spot around 4 miles north of Cochran Airport. Based on the sectional chart, what is the nearest obstacle in the area?



- a) 1568 feet MSL.
- b) 1568 feet AGL.
- c) 1169 feet MSL.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

41. You want to fly your sUAS over a National Wildlife Refuge. What is the FAA's requested minimum altitude for flying over these areas?

- a) 2,000 feet AGL.
- b) 500 feet AGL.
- c) 400 feet AGL.

42. A pilot should be able to overcome the symptoms or avoid future occurrences of hyperventilation by

- a) increasing the breathing rate in order to increase lung ventilation.
- b) slowing the breathing rate, breathing into a bag, or talking aloud.
- c) closely monitoring the flight instruments to control the airplane.

43. Which is true regarding the effect of alcohol on the human body?

- a) Consuming an equal amount of water will accelerate the metabolization of alcohol and help a person regain their normal senses in less than 8 hours.
- b) Any amount of alcohol can affect a person's judgment and decision-making capacity.
- c) A minimal amount of alcohol will have no effects on a person's situational awareness and ability to make decisions.

44. What is a Terminal Aerodrome Forecast (TAF)?

- a) A report of current weather conditions at an airport.
- b) A concise statement of the expected meteorological conditions at an airport during a specified period.
- c) A warning of severe weather en route.

45. On a sectional chart, how is Class C airspace depicted?

- a) By solid magenta lines.
- b) By dashed magenta lines.
- c) By solid blue lines.

46. Crew Resource Management (CRM) is defined as the effective use of:

- a) Only the hardware and software systems on board the aircraft.
- b) ATC personnel and ground crews exclusively.
- c) All available resources—human, hardware, and information—to ensure a safe operation.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

47. Which combination of factors will result in the lowest density altitude (and therefore the best performance)?

- a) High temperature, high elevation, high humidity.
- b) Low temperature, low elevation, low humidity.
- c) High temperature, low elevation, high humidity.

48. On a sectional chart, what does a dashed blue line indicate?

- a) Class E airspace starting at the surface.
- b) Class C airspace.
- c) Class D airspace.

49. How should you pronounce the letter 'N' using the standard phonetic alphabet over aviation radios?

- a) Nancy.
- b) November.
- c) Niner.

50. In a TAF, what does 'PROB30' mean?

- a) Visibility will be limited to 30 miles.
- b) There is a 30 percent probability of the forecasted weather conditions occurring.
- c) Winds will increase by 30 knots.

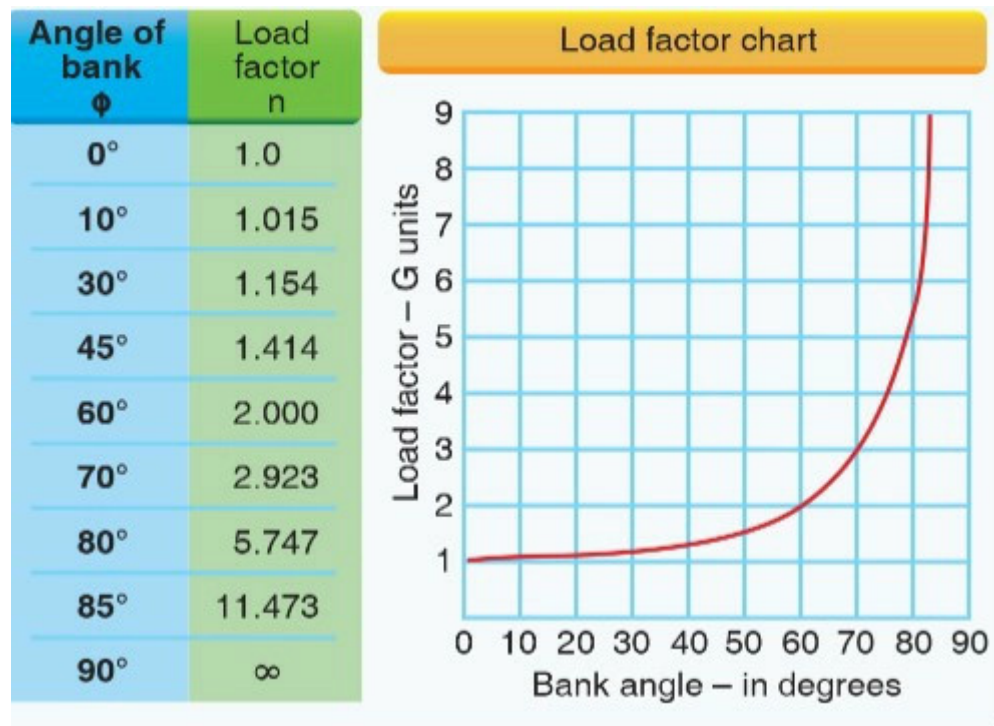
Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

51. If an unmanned airplane weighs 33 pounds, what approximate weight would the airplane structure be required to support during a 30° banked turn while maintaining altitude?



- a) 47 pounds.
- b) 38 pounds.
- c) 34 pounds.

52. Under 14 CFR Part 107, how must a remote pilot mark a drone weighing 0.65 lbs for commercial operations?

- a) The registration number must be visibly displayed on the exterior surface of the drone.
- b) The registration number must be enclosed in the battery compartment.
- c) A drone under 1 lb does not need to be registered or marked.

53. What effect does haze have on the ability to see traffic or terrain features during flight?

- a) All traffic or terrain features appear to be farther away than their actual distance.
- b) Haze causes the eyes to focus at infinity.
- c) The eyes tend to overwork in haze and do not detect relative movement easily.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

54. Under what conditions may you fly a drone over an open-air assembly of people?

- a) If you fly higher than 400 feet AGL.
- b) Only if the drone meets specific category requirements (e.g., Category 1, 2, 3) or you have a waiver.
- c) If you announce your flight using a loudspeaker.

55. In a METAR report, what does the abbreviation 'BR' stand for?

- a) Mist.
- b) Broken clouds.
- c) Blowing rain.

56. What does a 'P' followed by a number (e.g., P-40) indicate on a sectional chart?

- a) A Parachute jump area.
- b) A Prohibited Area.
- c) A Private airport.

57. What is the primary function of a Controlled Firing Area (CFA)?

- a) Activities are suspended immediately when spotter aircraft, radar, or ground lookout positions indicate an aircraft might be approaching.
- b) It requires all aircraft to maintain two-way radio communication with the controlling agency.
- c) It restricts all civilian flight below 10,000 feet MSL.

58. What causes variations in altimeter settings between weather reporting points?

- a) Unequal heating of the Earth's surface.
- b) Variation of terrain elevation.
- c) Coriolis force.

59. You are feeling pressured by your client to fly your drone to get a specific shot, even though the wind is exceeding the manufacturer's safe limits. Which hazardous attitude is this situation likely to trigger if you comply?

- a) Resignation.
- b) Anti-authority.
- c) Macho or Impulsivity.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

60. During which stage of a thunderstorm is the most severe weather, such as heavy rain, wind shear, and hail, generally encountered?

- a) The mature stage.
- b) The cumulus stage.
- c) The dissipating stage.

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

Response Scheme

Compare your answers with the following diagram and mark your score!

01: B	02: A	03: C	04: B
05: C	06: C	07: A	08: B
09: C	10: B	11: A	12: C
13: A	14: B	15: B	16: B
17: B	18: B	19: A	20: B
21: C	22: C	23: A	24: B
25: C	26: C	27: A	28: A
29: A	30: B	31: A	32: C
33: B	34: A	35: A	36: C
37: B	38: B	39: A	40: A
41: A	42: B	43: B	44: B
45: A	46: C	47: B	48: C
49: B	50: B	51: B	52: A
53: A	54: B	55: A	56: B
57: A	58: A	59: C	60: A

Exam simulation

FAA Part 107 Drone Quiz, 60 questions on 120 minutes!



QuizVds.it

Response form

Use this form to mark your answers

01: _____	02: _____	03: _____	04: _____
05: _____	06: _____	07: _____	08: _____
09: _____	10: _____	11: _____	12: _____
13: _____	14: _____	15: _____	16: _____
17: _____	18: _____	19: _____	20: _____
21: _____	22: _____	23: _____	24: _____
25: _____	26: _____	27: _____	28: _____
29: _____	30: _____	31: _____	32: _____
33: _____	34: _____	35: _____	36: _____
37: _____	38: _____	39: _____	40: _____
41: _____	42: _____	43: _____	44: _____
45: _____	46: _____	47: _____	48: _____
49: _____	50: _____	51: _____	52: _____
53: _____	54: _____	55: _____	56: _____
57: _____	58: _____	59: _____	60: _____