

vUSAF AETC M2 Quiz

* Indicates required question

1. Email *

2. * 1 point

1. Which of the following factors does NOT directly affect aircraft performance?

Mark only one oval.

- Altitude
- Temperature
- Runway markings
- Humidity

3. * 1 point

2. What does the term "pressure altitude" refer to?

Mark only one oval.

- The altitude read directly from the altimeter when set to 29.92 in. Hg
- The altitude adjusted for temperature variations
- The altitude above sea level
- The altitude of an airport

4.

* 1 point

3. In radio communications, which frequency band is commonly used for civilian aircraft communication?

Mark only one oval.

- High Frequency (HF)
- Very High Frequency (VHF)
- Ultra High Frequency (UHF)
- Medium Frequency (MF)

5.

* 1 point

4. What is the primary purpose of the Automatic Terminal Information Service (ATIS)?

Mark only one oval.

- Provide weather forecasts for long-distance flights
- Relieve ATC workload by broadcasting routine information
- Manage flight plans for IFR traffic
- Alert pilots to in-flight hazards

6.

* 1 point

5. What type of navigation relies on visible landmarks to maintain a desired course?

Mark only one oval.

- Dead reckoning
- Radio navigation
- Pilotage
- GPS navigation

7.

* 1 point

6. Which chart scale is most commonly used for VFR pilots due to its detail and frequency of updates?

Mark only one oval.

- World Aeronautical Chart (1:1,000,000)
- VFR Terminal Area Chart (1:250,000)
- VFR Sectional Aeronautical Chart (1:500,000)
- Enroute Low Altitude Chart

8. * 1 point

7. Which of the following is true regarding density altitude?

Mark only one oval.

- It decreases as temperature increases.
- It remains constant regardless of pressure changes.
- It increases with higher temperatures and lower pressures.
- It is only affected by humidity levels.

9. * 1 point

8. What information is typically included in a NOTAM?

Mark only one oval.

- Fuel prices at airports
- Temporary changes to airport facilities and airspace
- Weather forecasts for the next 24 hours
- Flight plans filed by other pilots

10. * 1 point

9. Which of the following phrases is correct for stating an altitude of 12,500 feet in aviation communication?

Mark only one oval.

- "Twelve thousand five hundred"
- "One two five zero zero"
- "One two thousand five hundred"
- "Flight level one two five"

11.

* 1 point

10. In dead reckoning navigation, which of the following instruments is NOT typically used?

Mark only one oval.

- Magnetic compass
- Airspeed indicator
- GPS receiver
- Clock

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