

## PRIVATE PILOT QUIZ #1

1. How is lift created? What does "angle of attack" mean?

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2. What are the factors that contribute to left turn tendencies?

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3. What documents must be aboard an airplane intended for flight?

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4. What should be the control inputs during taxi if you have a quartering tail wind from the left?

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5. Describe your airplane's power plant (engine) system.

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6. What are flaps for and how do they work?

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7. What are the rudder pedals used for and when do you use them?

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## PRIVATE PILOT QUIZ #2

1. What is the UTC time in December when the time is 2:45pm?

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2. What must be done prior to each turn?

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3. What is pre-ignition? What causes it?

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What is detonation? What causes it?

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4. When and why do we lean the mixture?

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5. What is a spin? What is the spin recovery procedure?

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6. Define the following signs and markings:



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### PRIVATE PILOT QUIZ #3

1. What instruments are dependent on the pitot-static system?

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2. What instruments are dependent on the vacuum system?

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3. What is the definition and speeds for the following:  $V_Y$   $V_G$   $V_{FE}$   $V_A$

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4. What is density altitude? Why is it important to know?

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5. What is a stall? When will an airplane stall?

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6. What is adverse yaw?

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7. Describe the fuel system of your airplane.

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## PRIVATE PILOT QUIZ #4

1. What are the maintenance requirements for your airplane?

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2. What instruments are required to fly during VFR day operations?

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3. What is wake turbulence? When taking off or landing, what conditions worsen wake turbulence?

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4. What should you do to avoid wake turbulence?

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5. What is wind shear?

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6. What is the max gross takeoff weight for your airplane?

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7. On the back of this page, calculate a weight and balance worksheet with full fuel and one passenger weighing 180 lbs.

## PRIVATE PILOT QUIZ #5

1. What are the different types of NOTAM's? Explain

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2. What are VFR weather minimums for class C and D airports?

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3. What are VFR weather minimums for class G airspace?

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4. What is a MOA? Can you enter a MOA?

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5. Where is a Mode C transponder required?

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6. What is special VFR?

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7. Name some visual checkpoints near your airport.

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## PRIVATE PILOT QUIZ #6

1. What is the emergency frequency and emergency squawk codes?

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2. What would you do if you have a communication radio failure while flying in the practice area?

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3. What are the first steps in the engine failure (in-flight) checklist?

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4. What is the procedure for handling an engine FIRE during start up?

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5. How should you execute a go-around?

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6. What are the indications of carburetor icing? What should you do?

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7. What does an alternating red & green light from the tower indicate?

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## PRIVATE PILOT QUIZ #7

1. Above 3,000 AGL, what altitude should a VFR airplane be at?

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2. What are the right-of-way rules in regards to aircraft of different categories?

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3. What is the minimum safe altitude?

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4. What does "positive aircraft control" mean?

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5. Describe the electrical system of your airplane.

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6. What is SRM?

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7. What is ADM?

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