

Winds

S2-25. If you take off or land into a headwind, what effect does this have?
A. Longer takeoff roll, steeper climb angle.
B. Longer takeoff roll, less climb angle.
C. Shorter takeoff roll, steeper climb angle.

S2-26. If you take off or land with a tailwind, what effect does this have ?
A. Longer takeoff roll, steeper climb angle.
B. Longer takeoff roll, less climb angle.
C. Shorter takeoff roll, steeper climb angle.

Ground Reference

S2-27. What is the purpose of learning ground reference maneuvers?
A. More fun to fly near the ground.
B. Develops awareness of interaction with ground where the ground moves faster.
C. Close to the ground is the safest place to be.

S2-28. Under what atmospheric conditions should you first perform ground reference maneuvers?
A. Calm winds at first.
B. Overcast so there is no shadow.
C. Bumpy conditions.

S2-29. What is a rectangular course?
A. A small rectangle flown at a constant altitude using landmarks.
B. Climbing and descending to form a rectangle.
C. Up and down altitude changes over imaginary horizontal pylons at specified altitudes.

S2-30. What are S-turns across a road?
A. Semi-circles of equal radius on each side of a specified straight line.
B. S-turns approximately 45 degrees down a specified road, straight and curved.
C. Climbing and descending turns across a road forming an "S" in altitude and direction.

S2-31. What is a turn around a point?
A. An abrupt turn about a specified point.
B. Staying a constant distance from a point maintaining constant altitude and airspeed.
C. Turning smoothly from specified point to point.

S2-32. After practicing ground reference maneuvers in calm air, what atmospheric conditions should you advance to?
A. Wind and slightly bumpy.
B. Severe turbulence close to the ground.
C. In and out of fog.

Emergency

S2-33. In an in-flight emergency requiring immediate action, the pilot in command should?
A. Deviate from any rule of 14 CFR Part 91 to the extent required to meet that emergency.
B. Not deviate from any rule of 14 CFR Part 91.
C. Deviate from 14 CFR Part 91 but only after receiving prior permission from Air Traffic Control (ATC).

S2-34. If any system fails on your aircraft, or any type of in-flight emergency happens, what must you do?
A. Switch over to the emergency frequency 121.5 and call a Mayday immediately.
B. Continue to fly the aircraft and assess the situation.
C. Focus on fixing what is wrong before it gets worse