

Spinning and Spiral dives

1. Which of the following signs would positively indicate that an aeroplane is in a spiral dive and not in a spin
 - a) the nose attitude would be lower in a spiral dive
 - b) the angle of bank would be steeper in a spiral dive
 - c) the rate of turn would be higher in a spiral dive
 - d) the airspeed would be higher and increasing in a spiral dive
- 2 During a spin, compared to a spiral dive, the aircraft:
 - a) is stalled and will have a low, steady IAS.
 - b) has a high and increasing IAS and a low angle of attack.
 - c) is rotating rapidly about all three axes and has a high IAS.
 - d) is recovered by assessing direction of turn and applying opposite aileron.
- 3 To recover from a spiral dive, the pilot must:
 - a) open the throttle and use opposite aileron.
 - b) close the throttle and use opposite aileron.
 - c) open the throttle and use opposite rudder.
 - d) close the throttle and use opposite rudder.
- 4 During a spiral dive, compared to a spin, the aircraft:
 - a) is rotating rapidly about all three axes and has a high IAS
 - b) has a high and increasing IAS and a low angle of attack
 - c) is stalled and will have a low, steady IAS
 - d) is recovered by assessing direction of turn and applying opposite rudder
- 5 To recover from a spin, the pilot must:
 - a) open the throttle, relax the up elevator and use opposite aileron
 - b) close the throttle, relax the up elevator and use opposite aileron
 - c) open the throttle, release back pressure on the elevator and use opposite rudder
 - d) close the throttle, release back pressure on the elevator and use opposite rudder
- 6 Which of the following indications would positively confirm that an aeroplane is established in a spin and is not in a spiral dive
 - a) low airspeed
 - b) increasing airspeed
 - c) nose attitude
 - d) high rate of turn

Answers

1.d 2.a 3.b 4.b 5.d 6.a