



Private Pilot ACS Quiz

CHI Aerospace

Pilot Name: _____ Date: _____

Instructor: _____

Normal Takeoff and Climbs:

Establish a pitch attitude to maintain the manufacturer's recommended speed or VY, +__/-__ knots.

Maintain VY +__/-__ knots to a safe maneuvering altitude.

Normal Approach and Landing

Maintain manufacturer's published approach airspeed, +__/-__ knots with gust factor applied. Touch down at a proper pitch attitude, within ____ feet beyond or on the specified point, with no side drift, and with the airplane's longitudinal axis aligned with and over the runway center/landing path.

Soft-Field Takeoff and Climb (ASEL)

Establish a pitch attitude for VX or VY, as appropriate, and maintain selected airspeed +__/-__ knots during the climb.

Soft-Field Approach and Landing (ASEL)

Maintain manufacturer's published approach airspeed, +__/-__ knots with gust factor applied.

Short-Field Takeoff and Maximum Performance Climb (ASEL, AMEL)

Establish a pitch attitude for VY and accelerate to VY+__/-__ knots after clearing the obstacle or at 50 feet AGL if simulating an obstacle.

Short-Field Approach and Landing (ASEL, AMEL)

Touch down at a proper pitch attitude within ____ feet beyond or on the specified point, threshold markings, or runway numbers.

Forward Slip to a Landing (ASEL, ASES)

Touch down at a proper pitch attitude, within ____ feet beyond or on the specified point



Steep Turns

Roll into a coordinated 360° steep turn with approximately a ___ bank.

Maintain the entry altitude \pm ___ feet, airspeed \pm ___ knots, bank \pm ___°, and roll out on the entry heading \pm ___°.

Ground Reference Maneuvers

S-turns and Turns around a point: : enter perpendicular to the selected reference line, ___ to ___ feet AGL. Maintain altitude \pm ___ feet; maintain airspeed \pm ___ knots.

Pilotage and Dead Reckoning

Maintain the appropriate altitude \pm ___ feet and heading \pm ___°.

Maneuvering During Slow Flight

Select an entry altitude that will allow the Task to be completed no lower than _____ feet AGL.

Maintain the specified altitude, \pm ___ feet; specified heading, \pm ___°; airspeed, +___/-___ knots; and specified angle of bank, \pm ___°.

Power-Off/On Stalls

Maintain a specified heading \pm ___° if in straight flight; maintain a specified angle of bank not to exceed ___°, \pm ___° if in turning flight, while inducing the stall.

Emergency Descent

Maintain appropriate airspeed +___/-___ knots, and level off at a specified altitude \pm ___ feet.