Set-Up & Recovery For CFI Stalls

	Power On Stall	Power Off Stall	Accelerated Stall	Cross Control Stall	Trim Stall	Secondary Stall
Scenario	Simulating a climbout from takeoff using an excessive angle of attack to avoid an obstacle or other aircraft and inducing a stall	Simulating a normal approach to landing using an incorrect procedure of attempting to stretch the glide by pitching up and inducing a stall	Conducting a steep turn while slow, demonstrating how increasing bank angle when close to stall while holding altitude will induce a stall, such as when losing focus while taking photos over a house or trying to performing a steep turn to avoid an obstacle while slow	Simulating a common traffic pattern stall/spin accident by overshooting base to final then using excessive rudder to yaw back to final, then when back to final, using an aileron only turn into a cross control, then improperly pitching up to stretch the glide into a cross control stall	Simulating a go-around procedure while not re-adjusting trim from the approach trim setting, adding power, will cause the nose to pitch up into a stall	Incomplete stall recovery
Setup						
Airspeed	V_R	Landing Airspeed	1.2 VS_1	Landing Airspeed	Landing Airspeed	Stall Horn, Buffet/Full Stall
Power	65%	Normal Descent Power	1.2 VS_1	Normal Descent Power	Full Power	Normal Descent Power
Carb Heat	Off or As Required	Off	Off	Off or As Required	On	On
Flaps	Up	Full	Up	Up	30°	As Required for Stall Type
Rudder	Coordinated	Coordinated	Coordinated	Un-coordinated	Coordinated	Coordinated
Recovery	Private: Full Stall Commercial: Horn or Buffet then pitch, level wings, full power, positive climb angle, hold V_x, clear of obstacles, transition to V_Y, climb away at V_Y	Private: Full Stall Commercial: Horn or Buffet then pitch, level wings, full power, positive climb angle, carb heat off, flaps to 20°, hold Vx, clear of obstacles, flaps to 10°, transition to V_Y, flaps up, climb away at V_Y	Commercial: Horn or Buffet then pitch, level wings, full power, hold V_X, clear of obstacles, transition to V_Y, climb away at V_Y	Demonstration: Horn or Buffet then pitch, level wings, full power, coordinate, positive climb angle, carb heat off, V_X, clear of obstacles, transition to V_Y, climb away at V_Y	Demonstration: Horn or Buffet then Pitch, level wings, power, TRIM, positive climb angle, carb heat off, flaps to 20°, hold V_x, flaps to 10° hold V_x, clear of obstacles, transition to V_Y, flaps up, climb away at V_Y	Demonstration: Horn or Buffet then pitch, level wings, power, TRIM, positive climb angle, carb heat off, flaps to 20°, hold Vx, flaps to 10° hold Vx, clear of obstacles, transition to VY, flaps up, climb away at VY