

## Slow Flight:

Select your heading and altitude

Verbalize  
Bug it

Clearing turns (90° each way; be precise)

Throttle 3400 rpm

Pitch nose to maintain alt (check heading)

Verify  $N_{FE}$  (75 knots or less)

10° flaps

Bump power (approx. 200 rpm)

Right rudder (check heading, inclinometer)

20° flaps

Bump power

Right rudder

30° flaps

Slow to 45 kts (+5, -0 kts,  $\pm 10^\circ$  heading)

Power for Altitude

Pitch for Speed

## Power Off Stall:

(Approach to Landing Stall)

Talk throughout maneuver

Power to idle

Initiate descent

Flare to land

Hold until stall

Full power

Relax back pressure

Flaps to  $\frac{1}{2}$

Pitch to 60 kts

Flaps to 0°

Maintain 60 kts to 3000 ft

## Power On Stall:

(Departure Stall)

Select your heading and altitude

Verbalize  
Bug it

Clearing turn (90° each way; be precise)

Power to idle

Slow to 55 kts (maintain heading & altitude)

Full power (maintain heading & altitude)

Increase pitch to stall (increase right rudder)

At stall:

Decrease back pressure to break stall

Pitch to  $V_X$  (60 kts)

Resume climb

3 Reasons for More Right Rudder

High pitch attitude

Low airspeed

High power setting

## Steep Turns:

Select your heading and altitude

Verbalize  
Bug it

Clearing turn (90° be precise)

Power to 4500 rpm

Maintain  $V_A$  (88 kts ( $\pm 5$  kts))

Simultaneously roll in, power to 4700-4800 rpm

- If high, overbank to 50°
- If low, decrease bank to 40°

Roll out briskly 15° prior to heading

Bring power back to 4500 rpm

## S Turns:

Power to 4500 rpm

Airspeed to 88 kts

Altitude 800 ft. AGL (PTS: 600-1000 ft AGL)

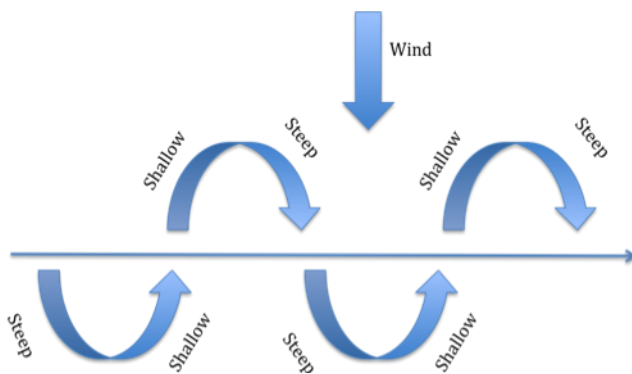
Verbalize selected altitude

Select a ground reference 90° to the wind

Enter downwind (with the wind)

During maneuvering:

- Maintain altitude  $\pm 100$  ft
- Maintain airspeed  $\pm 5$  kts
- Maintain direction  $\pm 10^\circ$



Downwind turns are steeper.

Upwind turns are shallower.

## Turns Around a Point:

Power to 4500 rpm

Airspeed to 88 kts

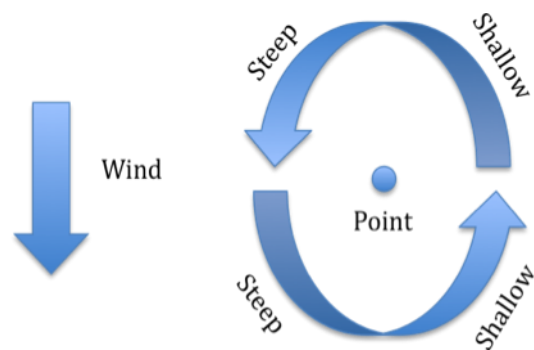
Altitude 800 ft. AGL (PTS: 600-1000 ft AGL)

Verbalize selected altitude

Enter downwind

During maneuvering:

- Maintain altitude  $\pm 100$  ft
- Maintain airspeed  $\pm 5$  kts
- Maintain direction  $\pm 10^\circ$



Downwind turns are steeper.

Upwind turns are shallower.