Commercial Maneuvers
Cessna 182RG

Slow Flight / MCA

1. Clearing turns
2. 14” MP / 2300 RPM
3. Slow to <120 KIAS
4. Gear Down
5. Flaps slowly 40º
6. Slow to 45 kts
7. 16-18” MP
8. Pitch = Airspeed
9. Power = Altitude
   - +/- 50 ft altitude
   - +/- 10 heading
   - +/- 10 kts

Power Off Stalls

1. Clearing turns
2. 14” MP / 2300 RPM
3. Carb heat on
4. Slow to <120 KIAS
5. Gear Down
6. Flaps slowly 40º
7. Slow to 60 KIAS
8. Establish Descent
9. Power idle
10. Pitch for stall
11. Recover
    a. Full power
    b. Carb heat off
    c. Nose down
    d. Flaps up to 20º
    e. Gear Up
    f. Flaps up to 10º
    g. Flaps to 0º

Power On Stalls

1. Clearing Turns
2. 1800 RPM
3. Carb heat on
4. Slow to 65 KIAS
5. Full power
6. Carb heat off
7. Pitch for stall
8. Right rudder
9. Recover
   a. Full power
   b. Nose down

Accelerated Stalls

1. Clearing turns
2. 13” MP / 2300 RPM
3. Slow to 90 KIAS
4. Steep bank 50º -60º
5. Pitch for stall
6. Recover at first indication
   a. Full power
   b. Nose down

Steep Turns

1. Clearing turns
2. Level 14” MP / 2300 RPM
3. Bank 50º
4. 17” MP
5. **Eyes on Horizon**
6. Roll out on heading
7. Nose down slightly
8. Power back 14” MP
9. Stable & level
10. Turn other direction
    - +/- 100 ft altitude
    - +/- 10 start/stop point
    - +/- 10 kts

Steep Spirals

1. Clearing Turns
2. Altitude – 9000 ft MSL
3. 14” MP / 2300 RPM
4. Gear down
5. Cowl flaps closed
6. Slow to 80 KIAS
7. Abeam spot
8. Power idle
9. Carb heat - on
10. Maintain equal distance
11. Clear throttle at each turn
12. Rollout +1000 ft AGL
13. Setup for emergency land.

VOR Nav

1. ID VOR
2. Confirm GPS set to VLOC

Emergency

1. Aviate
2. Navigate
3. Investigate
4. Communicate
5. Shutdown

Chandelles

1. Clearing turns
2. 18” MP / 2300 RPM
3. Level @ 120 KIAS
4. Full throttle
5. First 90º
   - Bank 30º
   - Increase pitch to 90 point
6. Second 90º
   - Decrease bank
   - Maintain pitch
   - Right rudder
7. Rollout
   - Maintain altitude
   - 5 kts. above stall speed

Lazy 8’s

1. Clearing turns
2. 16” MP / 2300 RPM
3. Level 110 KIAS
4. Start & stop
   - Same altitude
   - Same airspeed

8’s on Pylons

1. Pivotal altitude
2. Clearing turns
3. 16” MP / 2300 RPM
4. 110 KIAS
5. Enter with tailwind
6. Keep point off of wing
7. Corrections
   - Point in front – dive
   - Point behind - climb

Diversion

1. Pick airport to divert to
2. Estimate heading
3. Use chart to determine
   a. Distance
   b. Time
   c. Fuel