

PA-28-236

Performance Maneuver Checklist

Steep Turns

Clear area
Airspeed..... V_A
Bank..... Approximately 50°

Steep Spiral

Clear area
Altitude.... Sufficient for three 360° turns
Throttle Idle
Airspeed..... 85 KIAS
Bank..... Not to exceed 60°
Complete the maneuver no lower than 1,500' AGL.....

Chandelle

Clear area
Altitude..... Above 1,500' AGL
Airspeed..... V_A
Bank..... 30°
Apply power and pitch
Constant bank, continuously decreasing airspeed
At 90° -point, constant rate rollout and pitch attitude
At 180° -point, complete rollout to wings level.....
Airspeed... Just above 65 KIAS (V_{SI})

Lazy Eights

Clear the area
Altitude..... Above 1,500' AGL
Airspeed..... V_A
See AFH Figure 9-4.....

Eights on Pylons

Elevation Same
Wind ... Perpendicular to the pylons
Separation..... 3-5 sec. level flight between

Clear area
Altitude..... Approx. pivotal altitude
Airspeed..... V_A
Entry... Diagonally on the downwind

*Pylon moves forward Elevator forward

*Pylon moves backwards ... Elevator back

*Bank not to exceed 40°

Ground Speed (KTS)	Approx. Pivotal Altitude (AGL)
90	715'
100	885'
110	1070'
120	1275'
130	1495'
140	1735'

Accelerated Stall

Clear the area
Altitude..... Above 3,000' AGL
Airspeed..... 77 KIAS
Bank..... 45°
Recover at the first indication.....

Maneuvering Speed Table

Weight	V_A	Power Setting (Best Power)
3000 lbs.	124 KIAS	23.0" MP @ 2400 RPM
2380 lbs.	110 KIAS	20.3" MP @ 2400 RPM
1761 lbs.	96 KIAS	17.5" MP @ 2400 RPM