**PA-28-236**

**Performance Maneuver Checklist**

**Steep Turns**

**Clear area**

**Airspeed VA**

**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 VA**

**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 (VS1)**

**Lazy Eights**

**Clear the area**

**Altitude Above 1,500’ AGL**

**Airspeed VA**

**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 VA**

**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** | **VA** | **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** |