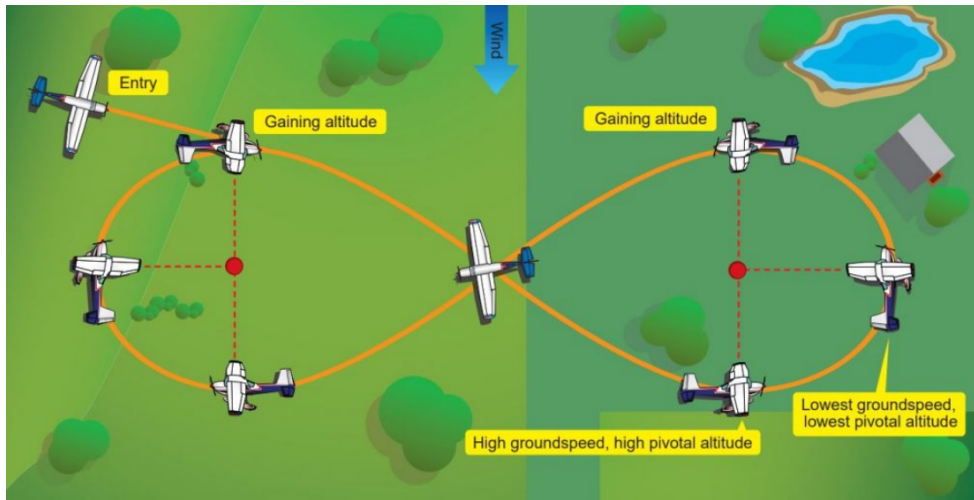




Eights on Pylons

Purpose

Maintain attention on points - used for tail gunning or photography.



$$\text{Pivotal Altitude} = (\text{MPH Groundspeed}^2) / 15 + \text{MSL Elevation}$$

Procedure

1. Clear the area
2. Calculate Pivotal Altitude
3. Choose Suitable Pylon
4. Enter turn around Pylon adjusting altitude as groundspeed changes to maintain pylon off wing
5. *Do not exceed 40° of bank*

Based on 110mph GS

Pivotal Altitude	MSL of Ground Ref
807	0
1007	200
1207	400
1407	600

Turn around pylon

6. Level wings and choose next pylon
7. *Choose pylon far enough away to properly setup for next maneuver*
8. Enter turn around Pylon in opposite direction to complete *eight* around pylon
9. Apply smooth and continuous corrections so that line of sight remains on pylon
10. Divide attention, Avoid slips and skids