

Gulfstream IV

OPERATING MANUAL

FLIGHT CHARACTERISTICS AND PROCEDURES

06-03-10: Steep Turns

(See Figure 1.)

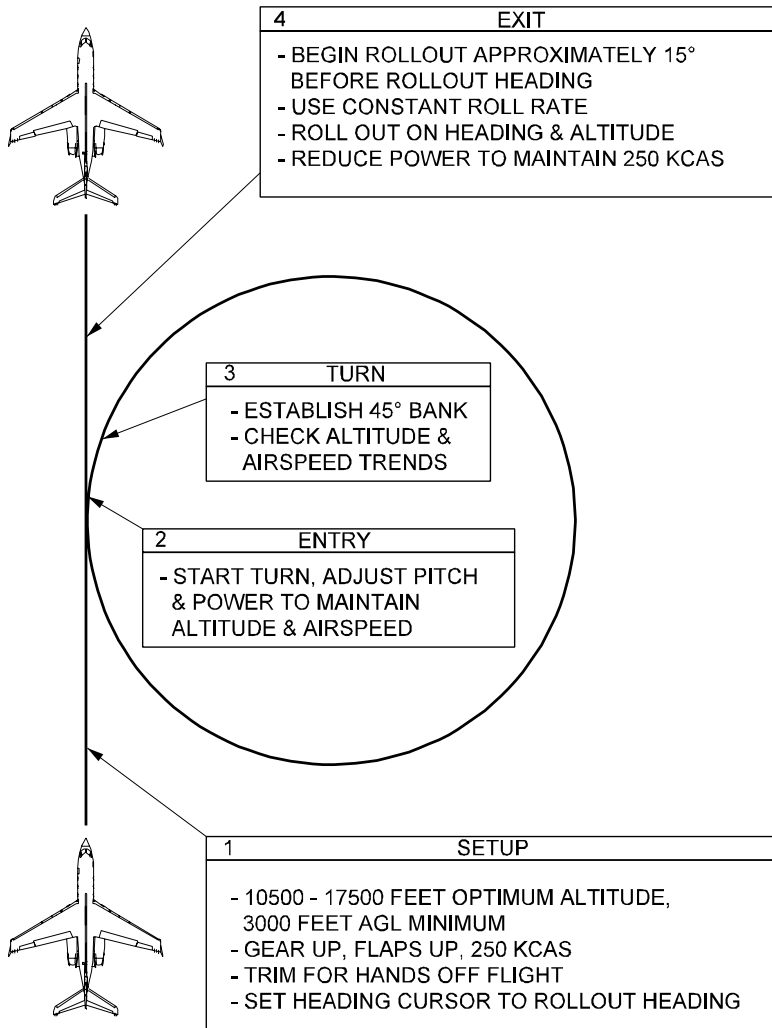
Maintaining a steady pitch attitude is essential for a level steep turn. As bank angle increases, adjust pitch and power to maintain altitude and airspeed. When the turn is complete, reducing pitch and power will also be necessary to transition back to straight and level flight.

For training purposes, the following values are recommended:

- Suggested altitudes: 10,500 to 15,500 feet (3,000 feet AGL minimum)
- Angle of bank: 45°
- Airspeed: 250 KCAS
- Turns should be at least 180° in each direction.

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Steep Turns
Figure 1

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