

3g

Turning Stall

Lesson Objective

The student will learn the entry and recovery from a turning stall with and without airbrakes.

Regulatory Requirement

- [§61.87\(i\)\(14\)](#)
- Private Pilot [Practical Test Standard](#) IX-B

Content

- hazards at low altitude
- hazard of stalls in the pattern
- use of spoilers during a stall, stall speed as related to spoiler deployment
- appropriate recovery from a turning stall.

Completion Standards

The student must be able to perform

- A turning stall and appropriate recovery
- A turning stall with air brakes open, and appropriate recovery.

The student must be able to explain

- relationship of the ease of a stall to the angle of bank

The student must have the six signs of an impending stall memorized.

Simulator Practice

Complete lessons as detailed in the [Condor Lesson Plans](#)

- 16 Turning Stalls

Homework for Pre-Solo

- "Glider Flight Training Manual" by Thomas Knauff pages 76-80
 - **Memory Items**: Written Test #6 page 80

Homework for Solo to Private

- [Glider Flying Handbook](#), pages 3-17, 7-32 through 7-36
- Video [Smoke Streamlines](#)
- [Jim Burch Online Study Guide](#) Subject Guide "Stall"
- [PowerPoint](#) 02D(a) Principles of Flight

Further Reading

- [CFIG Lesson Plan Notes](#)

Next Lesson: [3h -- Spirals, Descents](#)

Previous Lesson: [3f -- Forward Stall, with and without airbrakes](#)

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