

Normal Aerotow

2i

Lesson Objective

The student must learn the correct procedures for safe conduct of normal aerotow procedures.

Regulatory Requirement

- 14 CFR [§61.87\(i\)\(12\)](#)
- Private Pilot Test Candidate: [PTS](#) Area of Operation IV(C)

Content

The candidate will learn:

- knowledge of the elements related to high-tow (slightly above the wake) positions during various phases of aerotow.
- how to make smooth and correct control applications to maintain vertical and lateral positions during high tow.
- how to maintain proper tow position during turns.
- how to make appropriate responses to maintain position during turbulent flight and prevent slack rope.

Completion Standards

When complete, the student will

- demonstrate appropriate high-tow position during level flight
- demonstrate appropriate high-tow position during turns
- respond appropriately to any atmospheric disturbances
- explain the elements related to proper aerotow positions.

Note to students: This will take several lessons to accomplish.

Simulator Practice

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

- 5a Aerotow Wings Level
- 5b Aerotow While Turning

Homework for Pre-Solo

- "Glider Flight Training Manual" by Thomas Knauff pages 62-67, 161-165
- [SSF Flight Safety Videos](#)
 - The Kite
 - The Excursion
 - Aerotow Turn

Homework for Solo to Private

- [Jim Burch Online Study Guide](#) Subject Index "Aerotow Turns"
- [Glider Flying Handbook \(2013\)](#), Aerotow Climb-out And Release Procedures, pages 7-2 through 7-11.

Further Reading

- [CFIG Lesson Plan Notes](#)

Next Lesson: [2j -- Straight Glide](#)

Previous Lesson: [2h -- Normal Takeoff](#)

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