

Profile B – Glider Aero-Tow Profile

Prerequisites

This profile may be flown to support proficiency of any CAP Glider Pilot. A CAP Instructor Pilot is only required for this proficiency profile when inducing slack rope or simulating emergencies such as a rope break.

Required Items

Ground Training (prior to first flight of the year)

- Online SSF/CAP Wing Runner Course
(<http://www.soaringsafety.org/learning/wingrunner/wingrunner.html>)

Flight Training

Perform the following:

- Glider preflight
- Tow rope or cable inspection
- Release check

- Conduct a Safety Briefing: Include a review of launch, retrieval, emergency and airfield procedures, for all ground and flight crew members.

Perform as many as conditions/time allow.

- Normal takeoff
- Crosswind takeoff
- Unassisted takeoff
- Box Tow
- Descent on tow
- Non-emergency airborne signals (turn, speed up, decrease speed)
- Normal release
- Simulate instrument failure (altimeter and/or airspeed)
- Soft release (Schweizer gliders only)
- Slow flight
- Straight ahead & turning stalls
- Steep turns
- Soaring (thermal, wave, ridge or sea breeze)
- No divebrake landing
- Normal landing
- Downwind landing
- Precision landing

After the flight:

- Debrief the sortie with the crew
- Document completion in accordance with the provided instructions