Profile #11 – Glider Aero-Tow Profile

Prerequisites

This profile may be flown by any qualified CAP Glider pilot. The intent is to support regaining general glider proficiency. This profile may be repeated for the purposes of attaining proficiency in additional glider makes/models. A CAP Instructor Pilot is only required for this proficiency profile when preparing for a Form 5, when inducing slack rope or simulating emergencies such as a rope break. It is recommended that another CAP Glider Pilot, or CAP Instructor Pilot, always occupy the second seat in the CAP glider.

For A12 missions, total aero-tow launches approved under this profile **will not exceed 4.**

Required Items

Ground Training

The following must be completed within 30 days prior to the Glider Pilot's first aero-towed or ground launched glider flight of the year:

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

(and one of the following must be accomplished prior to the flight):

- ☐ Attend one of the AOPA Air Safety Foundation's Glider Safety Seminars
- ☐ Complete one of the AOPA Air Safety Foundation's Glider Online Courses
- ☐ Attend a CAP-USAF LR/CC approved CAP Glider safety briefing
- ☐ Attend a Glider briefing conducted by an FAA Safety Team Representative
- ☐ One hour of Glider ground instruction by a CFI (topics are at discretion of CFI)

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
- ☐ Slack rope
- ☐ 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
- ☐ Simulated off-airport landing
- ☐ Precision landing

After the flight:

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

Routine Items

None

Prerequisites