

# USA Winch Training Syllabus

<b>Day One</b>	8 launches
<b>Ground Training</b>	Review training documents. Ask and answer questions. Assess student's knowledge.
<b>Winch Familiarization</b> Instructor: Two launches Student: Three launches	On second launch instructor demonstrates "slow"/"fast" commands and 0g recovery maneuver. On each launch, student demonstrates 0G recovery maneuver.
<b>Break</b>	Ground de-brief. Refreshments and nourishment. During the break the student should <b>not</b> be assigned any tasks. student should remain at the launch site, preferably at the glider end.
<b>Briefing</b>	Thoroughly instruct high level launch failures.
<b>High Launch failure</b> Instructor: One launch Student: Two launches Pull release above critical altitude. Perform zero g maneuver. 360 degree recovery	Each launch is used as an opportunity to practice multiple 0g recovery maneuvers until instructor and student are satisfied and comfortable. During one or two launches student practices "slow"/"fast" commands. If a crosswind is present, demonstrate and practice crosswind launch procedures.
<b>De-Brief</b>	Review all of the days activities. Ask and answer questions.
<b>End of Day One</b>	
<b>Day Two</b>	7 to 13 launches
<b>Ground Training</b>	Review training documents. Ask and answer questions. Assess student's knowledge.
<b>Reintroduce Winch Launch</b> Student: One launch	Assess student's progress, skill retention and status.
<b>Briefing</b>	Thoroughly instruct low level launch failures.
<b>Low Launch failure</b> Instructor: One launch Student: Two launches Pull release below critical altitude. Perform zero g maneuver. Straight ahead recovery	
<b>Break</b>	Ground de-brief. Refreshments and nourishment. During the break the student should <b>not</b> be assigned any tasks. The student should remain at the launch site, preferably at the glider end.
<b>Briefing</b>	Thoroughly winch launch failures.
<b>Winch Failure</b> Student: Three launches Various winch failures, overspeed, underspeed, slow power loss, delayed power cut.	Crosswind technique practice as well as "slow/fast" commands Winch failure at any altitude.
<b>Crosswind/"Slow" and "Fast" Training</b> Student: Two to six launches Tracking upwind so rope lands on runway. Combine with "Slow, slow, slow" and "Fast, fast, fast" command practice.	Only necessary if training not possible earlier. Period may also be used for additional training.
<b>De-Brief</b>	Review all of the days activities. Ask and answer questions.
<b>Endorsements</b>	Endorse student logbook. Log training activity if desired.