



SSB WAVE CHECKOUT

Boulder is one of the best wave sites in the country. This checkout will help familiarize the pilot with the local wave operating procedures. These checkout forms should not be considered the final word on the subject but only a brief introduction

1. PREREQUISITES

- Oxygen checkout , including bail out bottle
- Parachute checkout
- Radio procedures
- West wind checkout
- Altitude chamber training if flying above 18000'
- Review of SSB Wave Window Binder
- Brief of how to open Arapahoe Peak Soaring area

2. PREFLIGHT

- Clothes - danger of hypothermia and frostbite
- Forecast -winds aloft
- Wave window - boundaries
- Open with Denver Center via telephone and get comm. frequency
- Parachute very strongly recommended
- Slack rope proficient (slip away from large loop)
- Arrange tow profile and communications with tow pilot (discuss minimum altitudes to cross foothills and be conservative.)
- Radio procedures: below 6500' 122.7 above 123.3 (check with tow pilot)
- Aware of difference between TAS and IAS - danger of flutter
- Cloud marking (lennie ,rotor)
- Wave theory

3. FLIGHT CHECK

- Handling turbulence and rotor, slack rope, position
- Wave window boundaries -show
- Demo wave soaring (S turns, monitor ground position, flight parallel to wave)
- Keep aware of cloud cover below
- Location of secondary, primary waves
- (Caution strong sink as well as lift, get as high as possible before trying to find primary)
- Tell Denver when leaving window or request next altitude
- Use of downgoing wave to descend
- Demonstrate Benign spiral descent
- Airspeed control- watch out for rotor on descent
- Prepare for strong winds on landing-plan pattern
- Discuss wind-shear situation (East on ground, West at pattern altitude)

4. DEBRIEF

- Tie-down, inspect
- Critique, debrief
- Sign off in logbook, or reschedule

I have received the Soaring Society of Boulder (SSB) Wave checkout as required by the SSB operating procedures. Nothing in this form relieves the pilot from the responsibility to comply with the FAR's or practice good airmanship. On checkout, please sign these forms and file in the pilots personal folder in the SSB flight shack.

Pilot _____ Date _____

Instructor _____