

H1 – Hang Gliding Student

A Student pilot has the knowledge and basic skills necessary to fly and practice within significant operating limitations. The pilot understands the HPAC/ACVL hang gliding rating system and recommended operating limitations. The pilot shall use good judgment and have a level of maturity commensurate with the rating.

1. Practical Skills
 - a. Ground Handling
 - i. hang check (CPC)
 - ii. post landing
 1. Hang glider control appropriate for wind conditions.
 2. Unhooking prior to ground handling in moderate winds.
 3. Checking traffic.
 4. Removal of hang glider from landing area.
 - b. Training Flights
 - i. proper pitch control at launch
 - ii. level wings and directional control
 - iii. smooth transition to flight
 - c. Flying Skills - six flights showing
 - i. constant airspeed
 - ii. smooth, straight-forward flight to pre-determined target
 - iii. Confident, slight variation in airspeed and direction showing awareness of control inputs.
 - iv. Smoothly increasing airspeed, and smoothly slowing airspeed showing good control.
 - v. Safe, smooth landing, into wind.
2. Theoretical Knowledge
 - a. Basic Aerodynamics
 - b. Basic Meteorology
 - c. Wind direction.
 - d. Wind velocity.
 - e. Terrain shape.
 - f. Obstructions.
 - g. Techniques of Flight
 - h. Awareness of Air Regulations (that HAGAR exists)
 - i. Pass the HPAC/ACVL H1 Student hang gliding written exam.
3. Safety & Risk Management
 - a. Human Factors
 - b. concept of pilot-in-command / transfer of responsibility
 - c. Environment
 - d. Equipment
 - i. radio use
 - ii. pre-flight
 - iii. post-flight (packing, transport, storage, glider care)
 - e. Emergency Procedures

Operating Limitations H1 Student Pilots:

Once the H1 Student rating is issued by HPAC the H1 - Student Pilot must:

- Fly a hang glider recommended by the manufacturer as suitable for Beginner pilots.
- Fly a hang glider equipped with wheels on the basetube.
- Conduct their flights and ground handling sessions at sites and within conditions defined by the instructor using instructor-approved equipment.