



Basic AMGA Single Pitch Instructor Exam Training Scenarios

Top Site:

1. Lower a client from the top of the cliff to the bottom using the munter hitch backed up with a friction hitch.
2. Lower a client from the top of the cliff to the bottom using the GriGri with a redirected brake strand.
3. Set up a belayed (releasable) rappel system and run it. Make sure you have adequate separation between the two master points. Practice transferring the load from the client's rappel line to the belay line and back again.
 - *****For scenarios 1, 2, and 3 think about elevating the master point and leaving adequate work space to run the system and bring the client in and out*****
4. Belay a client from above off of a GriGri. Provide assistance using a 3:1 hauling system.
5. Belay a client from above off of a GriGri. Provide assistance using a 3:1+1 hauling system.
6. Build anchor systems using bolts, traditional gear, and natural anchors. Practice with cords, slings, and static ropes. Focus on economy of materials.

Bottom Site:

1. Perform an unweighted belay take over.
2. Perform a weighted belay take over.
3. Ascend the belay side of a top-rope setup. Descend with your client.
4. Lead a pitch and belay a client up from above. Lower the client back to the ground.
5. Lead a pitch and have the client lower you back to the ground. Either use a back-up belay or friction hitch to back up the client lower.

Teaching:

1. Prepare and teach a 10-minute lesson on a climbing related topic. Common examples are basic belaying, rappelling, knot tying, friction hitches.
2. Teach a client the necessary information before leading a traditionally protected climb. Things to consider are pre-climb checks, belaying, cleaning gear, and communication.

Complex Scenarios to practice on the next page.

Complex AMGA Single Pitch Instructor Exam Training Scenarios

Scenario 1:

Instructor and clients will approach the cliff from the bottom. The instructor will teach client(s) proper belay techniques (e.g. belayer location, use of back-up belayers), lead the pitch, and return to the ground to run a bottom managed top-rope site. While running the site, practice weighted and unweighted takeovers, ascending, and perform a pick-off to return stuck client to the ground. Focus on teaching, client and guide security, and application of proper systems/tools.

Scenario 2:

Instructor and clients will approach the cliff from the bottom. The instructor will teach clients proper belay techniques, lead the pitch, and belay client(s) from the top of the cliff. While belaying client(s) from above, the instructor will perform assistance skills, including the 3:1 haul, 3:1+1 assisted haul, and coaching/vector pull. After the client(s) have completed the climb, the instructor will lower client with a munter hitch or GriGri, or convert the system to a releasable (belayed) rappel. While running the rappel system, instructor should practice assisting a client whose device has gotten jammed with clothing/hair. Once all clients have completed the climb, instructor will clean the anchor and rappel to the ground. Focus on teaching, client and guide security, stance and rope management, and efficiency with assistance skills.

Scenario 3:

Instructor and clients will approach the cliff from the top. The instructor will use the static setup rope to build a V-rig anchoring system appropriate for the terrain. Practice using a variety of anchors including, artificial anchors (trad gear), bolts, and natural anchors (e.g. trees). The instructor will set up a releasable (belayed) rappel and facilitate the activity for client(s). Consider adding security when clients enter the system if the terrain dictates (e.g. friction hitch on anchor leg). Instructor should practice assistance skill of releasing a stuck client and resuming the rappel or transitioning the rappel into a lower with a munter, backed up by a friction hitch. After all the clients have completed the rappel, the instructor will convert the system to a bottom-managed top rope site and rappel down to clients. Focus on client and guide security, maximizing workspace while running the rappel system, elevating the master point, and building an efficient system that quickly converts from top-managed site to bottom-managed site (e.g. backside system with multiple master points).

Scenario 4:

Instructor and clients will approach the cliff from the top. The instructor will use the static setup rope to build a V-rig anchoring system appropriate for the terrain. Practice using a variety of anchors including, artificial anchors (trad gear), bolts, and natural anchors (e.g. trees). The instructor will bring client safely into the system (e.g. client tethering system when terrain dictates) and lower him/her using a GriGri or munter backed up with a friction hitch. Client will climb back to the instructor. The instructor will perform assistance skills, including the 3:1 haul, 3:1+1 assisted haul, and coaching/vector pull. Focus on maximizing work space, maintaining eyesight with the client, and applying the correct lowering system based on the terrain.

Disclaimer: These training scenarios are not comprehensive for the entirety of the SPI Curriculum and handbook. They are intended as a guide for educational and practice purposes only.