

MAKODIVER

Josh Roten, NAUI Instructor # 50395

Altitude Diver certification

Altitude Diving is defined as SCUBA diving at altitudes greater than 1,000 feet above Sea Level (up to 9,999 feet above Sea Level).

Imagine diving the beautiful, clear waters of Lake Tahoe (elevation 6,226'), with its excellent visibility, rich natural history including huge underwater granite boulders and rock formations, submerged pine trees, turn-of-the-century wrecks, the infamous 'Rubicon Wall', and many great 'topside' attractions during the non-diving phases of your vacation. Also, imagine diving Oregon's pristine Crater Lake (elevation 6,176'), with its average 80-115' foot underwater visibility, and gorgeous surroundings, or any of the many other beautiful lakes across the United States which are at altitudes greater than 1,000 feet above sea level.



Lake Tahoe's west shore



Oregon's Crater Lake

Diving at 'Altitude' can put a SCUBA Diver at greater risk of Decompression Sickness (DCS) than diving at Sea Level because the diver has been breathing a compressed gas containing Nitrogen under pressure, *then ascends to a lower atmospheric pressure*. This may allow absorbed Nitrogen to form bubbles in the diver's bloodstream and tissues more readily than when SCUBA diving at Sea Level. When diving at altitudes above 1,000 feet, Altitude Diving Safety, Planning, Precautions, and Procedures must be followed to reduce/manage the risk of Decompression Sickness (DCS). Altitude Diving risks can easily be managed after you have received proper training for diving at 'Altitude'.

Altitude Diver training and certification includes one 3-4 hour classroom session to review Diving Science, Atmospheric Pressures at various elevations, why the

risk of DCS increases when diving at Altitude, altitude dive safety, understanding altitude dive tables and altitude dive planning, precautions, altitude dive recording, and ascending after diving.

After attending the classroom session and passing a written exam, Altitude Diver candidates will properly plan, complete, and document a minimum of two dives at 'Altitude' under the direct supervision of your instructor.

Altitude Diver training is enjoyable and relatively easy to learn. Once you are certified to dive at 'Altitude' many new diving opportunities open-up to you!

For further information about Altitude Diver training contact:

MAKODIVER

'Professional Diving Instruction & Services'

(805) 660-3218 or josh@makodiver.com