



4 CORPORATE WAY
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ADVANCED TRAINING ACADEMY

BASIC HELICOPTER MOUNTAIN FLYING TECHNIQUE COURSE:

5 Hrs. Ground Instruction
3-5 Hrs. Flight Instruction

The U.S Forest Service and U.S. Department of Interior has identified the task of Mountain flying to be an environment that requires training, understanding and a proficiency level to operate safely in the Natural Resource arena. This course is designed to introduce and train companies, state agencies,

federal agencies, militaries and individual pilots in preparation for operating in the mountain flying environment and train to the highest standard.

Ground and Flight training portions of the course will include:

1. Mission Performance Planning
2. Academics on the formation and understanding of mountain winds
3. Mission reconnaissance techniques and wind determination techniques
4. Approach, departure and landing techniques to mountainous cirques, ridgelines, pinnacles, and confined areas.

Our experienced skilled instructors will use power point presentations, video, printed materials, lecture, and hands on training throughout the ground academics portion. The flight portion will take place in the high density altitude mountainous environment surrounding Missoula, Montana enabling the training to be as effective as possible from takeoff to landing. Students will advance through the course at a pace that is challenging but not overwhelming. Successful completion of the course will be evaluated to a standard that meets the evaluation criteria of US Government agencies requiring a mountain flying proficiency level in order to operate.

From the first flight to the last, we will be providing instruction and proven techniques for mission completion in a safe, proficient and risk mitigating manner. Our flight sessions begin with performance planning and preflight to departure and determination of needed power requirements prior to entering typical mountainous, high density altitude terrain. We will train widely accepted wind determination and fact finding techniques prior to and during the reconnaissance part of the mission. Flights will be conducted to various mountainous landing zones (ridge lines, pinnacles, Cirques, and confined areas) in the heart of the Rocky Mountains simulating real life missions. Students will learn the basic knowledge to determine everything from approach and departure profile, wind determination, terrain factors, helicopter performance, conditions/hazards unique to the mountain environment, to understanding personal limitations.

HHI is located in Missoula, Montana, a community of 70,000 at an elevation of 3220' msl. surrounded by mountainous terrain with peaks in excess of 9,000' msl. Our training facility is conveniently located at Missoula International Airport. Our 8,000 sq. ft. hangar and our 2800 sq. ft. of classroom space offer students a comfortable, clean and professional environment. HHI will utilize our Bell model 206 Long Ranger and 407 aircraft that are currently maintained under FAR 135 maintenance standards and are also carded for USFS/DOI operations containing all the equipment required for most USFS/DOI contracts.

