
High Altitude Operations

Aviation Instructor's Lesson Plan

OBJECTIVE This lesson will develop the student's understanding of the factors related to high altitude operations.

ELEMENTS

Supplemental Oxygen

- Supplemental oxygen requirements for flight crew and passengers when operating non-pressurized airplanes
- Identification and differences between "aviators' breathing oxygen" and other types
- Operational characteristics of continuous flow, demand, and pressure-demand oxygen systems

Pressurization

- Fundamental concept of cabin pressurization
- Supplemental oxygen requirements when operating airplanes with pressurized cabins
- Physiological hazards associated with high altitude flight and decompression

REFERENCE

The Flight Instructor's Kit

- Area of Operation 2, Task A: Aeromedical Factors
- Area of Operation 2, Task J: Federal Aviation Regulations

COMPLETION STANDARDS The student should be able to demonstrate knowledge of the factors that must be taken into account when operating at high altitudes.