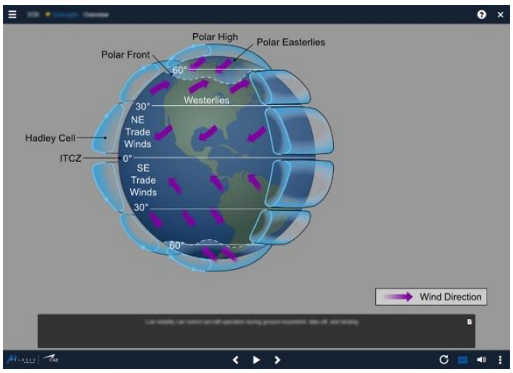
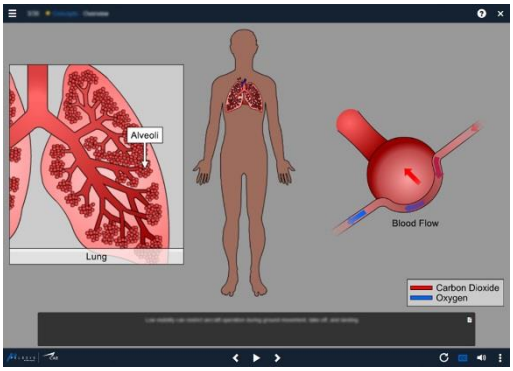
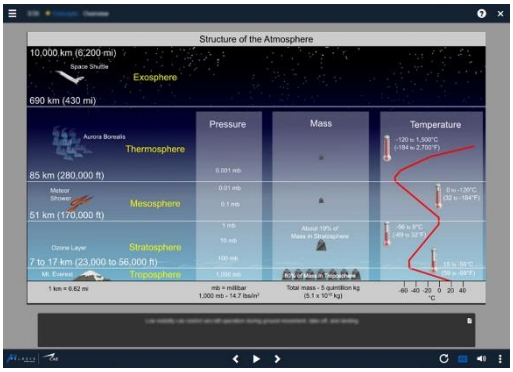
HIGH ALTITUDE TRAINING

2019-2020







SUMMARY

This course covers the physiological, aerodynamic, and environmental hazards associated with high altitude flight, including:

- The composition, circulation, and properties of the Earth's atmosphere.
- High altitude aerodynamics and the dangers associated.
- Environmental factors specific to high altitude flight, including jet stream winds, clear air turbulence, thunderstorms, icing, low ambient temperatures, volcanic ash, and wake turbulence.
- Aircraft pressurization and oxygen systems.
- High altitude physiology including hypoxia, hyperventilation, decompression sickness, barotrauma, and the effects of cosmic radiation.
- Abnormal and emergency procedures relating to gradual decompression, rapid decompression, and emergency descent.
- High altitude accident case study

TARGET POPULATION

The Pelesys High Altitude Training course is designed to provide initial and recurrent training for flight crew and cabin crew operating pressurized aircraft above 10,000 feet MSL. It is a required element (ICAO, CARs, FARs, JARs) for all crewmembers operating or working onboard airplanes at high altitudes.

REGULATORY COMPLIANCE

- ICAO / EASA / FAA / Transport Canada
- Maintain compliance with IOSA standard

Versions Available:
Airbus / Boeing

Course Length:
2 hr 10 min