
Addendum 2

Q1: Will students be permitted to mount equipment (sensors, nozzles, tubing, and associated mounts) on the outside of the pelican case?

A1: Yes this will be permitted provided it does not affect the structural integrity of the pelican case.

Q2: How exactly does the CSA define the following underlined conditions for this challenge "Be free of hazardous liquids and gases, including high-pressure, toxic, corrosive, explosive and flammable materials"? Specifically, what pressure would be considered high pressure, and how is corrosiveness and toxicity defined? We'd like to transport liquid water up to altitude. Transporting it under pressure is one of the simplest methods we can use. At ambient temperatures, we'd need a vessel capable of no more than 14psi differential pressure.

A2: Toxicity is defined by anything that could impact human health. Corrosive materials are simply any hazardous material that may cause damage to body tissue or other material with which it comes into contact. Pressure vessels will be addressed on a case by case basis. Teams that wish to fly sealed or pressurized vessels or enclosures must demonstrate (via tests and analysis) that they can survive the flight environment and remain safe for the recovery crew operations.