Suppose that a jet mechanic working for a major airline – we’ll call the airline “AirXYZ” - finds a rather serious instrument wiring problem. The mechanic alerts management that the wiring problem is serious enough that it would cause the Federal Aviation Administration (FAA) to ground the entire fleet of Air XYZ.

Using the utilitarian approach, describe the ethics of this situation in the context of the benefit – and the cost – to Air XYZ of choosing to notify the FAA and consequently, choosing to voluntarily ground its fleet of planes.