

Consideration should be given to the modes of failure of the equipment that could have safety repercussions beyond a simple loss of function, such as:

1) the presence of wiring or connector faults that could lead to shorting and arcing if the system is dispatched with power connected.

2) faults caused by an overheating condition within an electronics module.

3) software faults which could reset in flight in an undefined state.

NOTE: Items 2) and 3) are outside the scope of ATSRAC but are included for comments.