

## Test Limitations – LFT&E Examples

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### **3.6.3 Test Limitations**

LFT&E will not confirm or demonstrate through ballistic testing the actual vulnerability of the wiring or avionics subsystems of the Dakota aircraft. LFT&E and combat data have shown that ballistic damage to wiring or avionics can result in loss of mission critical systems such as: EO/IR sights/displays, communications, and weapons systems. In mitigation, the effects of avionics and wiring failures will be tested through fault insertion in the Avionics Integration Laboratory. Those results will then be incorporated into the system-wide M&S vulnerability assessment.