

1. Loss of communication between pilots and observer.

NOTE: The pilots and observer are within a few meters of one another and are in constant vocal communication throughout the flight. In the event that the observer or one of the pilots are unable to communicate with the others, the UAV sampling mission will be stopped immediately, and the UAV will be brought in to the airstrip for an immediate landing.

2. Loss of communication of one of the pilots with the UAV.

In the event that one pilot is unable to control the UAV, the other pilot will gain control via a redundant RC transmitter communicating with a different receiver operating on a different channel. The UAV will be brought in for a landing immediately. See lost link procedures.

3. Loss of communication with the ground control station computer.

In the event that the UAV loses 900MHz communication with the ground station computer when the flight controller has control of the UAV, one of the pilots will regain control of the UAV with a 72MHz RC transmitter. The UAV will be brought in for a landing immediately. See lost link procedures.