

Emergency Procedures

Flight Anomalies

The SIERRA shall be re-tasked at any time to change course, altitude or return to the home waypoint if there is any safety concern regarding the flight operation.

GPS Loss

In the event of GPS loss, the SIERRA continues to navigate using its backup navigation mode and is re-tasked to return to the home waypoint.

Engine Failure

If the engine fails, the aircraft is re-tasked to glide toward the home waypoint or a safe impact area.

Flight Termination

In RC mode, the pilot shuts down the engine and directs the aircraft to a safe impact area.

Using either the 900 MHz or 421.5 MHz telemetry links, the GCS operator shuts down the engine and directs the aircraft to a safe impact area.