

In the event of lost communications with ATC, UAS operations shall be terminated and the UAS operator shall contact Robert Gray Approach Control/Robert Gray Tower/Hood Radio via telephone to let them know that the UAS will be returning to pre-established coordinates for recovery of the UAS to Robert Gray Army Airfield.

Same as Lost Link and/or Lost Communications procedures.

Lost link/mission abort procedures: Lost link procedures involve a preprogrammed lost link plan for the UAS to navigate to and loiter. The UAS will return to a predetermined lost link waypoint at 3500 feet MSL. The predetermined lost link waypoint shall be located remote geographic locations within the Fort Hood military reservation mitigating collateral damage to property and personnel. In the event of lost link south of the N 31° 07' 01.64" grid line, the UAS is programmed to fly via a predetermined route to a waypoint located at N 31° 03' 32.22" W 097° 51' 12.14". In the event of lost link North of the N 31° 07' 01.64" grid line, the UAS is programmed to fly via a predetermined route to a waypoint located at N 31° 12' 22.36" W 097° 46' 37.47" (See cover letter enclosure 3). The waypoints are in remote geographic locations where the potential for reacquiring direct link control of the UAS is enhanced. If re-establishment of link is not accomplished, the UAS will remain in loiter until a flight termination command is autonomously executed by the UAS pilot/operator and the parachute is deployed. In the event of lost link/emergency the UAS operator shall contact ATC with the last known position, heading and altitude.