

Lost Communications Procedures:

Total lost communications should not occur due to multiple means of redundant communication for each party to contact the other parties that can communicate mission abort procedures. The GCS and Range Control can communicate directly via radio, landline and cellular phone.

In the event that the GCS primary communication equipment fails, the operator will use the AN/PRC-148 hand held radio preprogrammed to range control frequency UHF 233.20. The GCS will have multiple hand held AN/PRC-148 available. If all available radios are non functional, communication with range control can be achieved through a phone line. Once the primary communication system has been determined to be inoperational, the operator will begin landing procedures. The primary and backup links have an operational range of 109 nautical miles (125 km). Both links incorporate error detection to ensure that erroneous interference is not processed by the avionics.