Lost Communications Procedures:

ATC Comm

The primary method of communication between PIC/MC and RSA ATC Tower is via VHF 126.95.

The PIC/MC has 1 Base station radio and 4 hand held radios tuned to the tower frequency of 126.95.

The secondary method of communication between PIC/MC and RSA ATC Tower is via landline # 842-6283. RSA Operations/Tower has PIC/MC landline #. In the event the above 2 methods of communication can not be established, The UAS Operator will set transponder code to 7600 fly direct to R-2104 A UTM16 527691E 3831648N (34º 37.58N 86º 41.87W) and orbit at 5000 ft MSL until communications are established via light signals or face to face communications. RSA Operations/Tower and Shadow Operations are located on the same ramp at Redstone Army Airfield. RSA Operations/Tower and Shadow Operations are located 1500 ft apart.

Observer Comm

The primary method of communication between observers and operators is via a wired intercom integrated into the Shadow Ground Control Station. The intercom consists of a base station with headset/microphone combination manufactured by David Clark.

The secondary method of communication between observers and operators is via a wireless intercom integrated into the Shadow Ground Control Station. The intercom consists of a base station with headset/microphone combination manufactured by HME.

The third method of communication between observers and operators is via a commercial walkie-talkie manufactured by Cobra.

The fourth method of communication between observers and operators is via cell phone.

When communication is lost between observer and operator, the operator will proceed directly to the to the loiter point at R-2104 A UTM16 527691E 3831648N (34º 37.58N 86º 41.87W) and orbit at 5000 ft MSL and UAS operations will cease until communications are established.