Communications Procedures:

The primary method of communication between PIC/MC and A.P. Hill Range control is via UHF 38.50, Alt frequency is VHF 126.20.
The PIC/MC has 1 Base station radio and 4 hand held radios tuned to the range control tower frequency of UHF 38.50.
The secondary method of communication between PIC/MC and A.P. Hill Range Control is via landline # 8046338410. Range control has PIC/MC landline # 8046333541. 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-6601 TALS Loiter Area UTM18S 289864 E4234810 (38º-05' 42.15N 77º-14' .63"W) and orbit at 4500 ft MSL until communications are established. As a last resort A.P.Hill range control and the recovery site are within 5 minutes drive time.

Observer Communication
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 PRC 148 hand held radios manufactured by Thales Communications
The third 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-6601 TALS Loiter Area UTM18S 289864 E4234810 (38º-05' 42.15N 77º-14' .63"W) and orbit at 4500 ft MSL all UAS operations will cease until communications are established.