

The Cobham STL8FIBL132G will be used as an airborne video transmitter for Unmanned Aircraft System (UAS) operations. A ground receiver (MRL8ML8132G) will be integrated with the UAS Ground Control Station (GCS). The video will be in the NTSC format. There is no ground to air transmission in this configuration. All testing will be done at the Dugway Proving Ground and within Restricted Airspace R-6402, R6405, R6406, and R6407.

The UAS flights will originate in the northeast part of the restricted areas at the Michael Army Air Field. The aircraft altitude will vary from the surface during launch and recovery operations and will normally operate between 5000-10000 feet Mean Sea Level (MSL), but may climb to 14000' MSL for air traffic avoidance at the direction of Dugway Range Control.

The frequency range for this unit is 1445 MHz – 1525 MHz. The specific frequency used will be coordinated with the Dugway Proving Ground Frequency Manager.