

The HDT-10003C will be used as an airborne video and data transmitter for Unmanned Aircraft Systems (UAS) operations. A ground receiver will be integrated with the UAS Ground Control Station (GCS). The video will be in the H.264 format. Data from the aircraft sensors will also be telemetered to the GCS via one of the data channels on the HDT-1000. 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.

Primary frequency will be 6.505 GHz

Secondary frequencies are 6.513, 6.521 GHz

These frequencies were coordinated with John Dehnel, the Salt Lake City, Utah broadcast frequency coordinator recommended by John L. Poray, CAE, Executive Director, Society of Broadcast Engineers.

The local coordinators will be notified 30 days prior to any testing at Dugway Proving Ground and they will be provided direct contact numbers for the Test Manager and the Base Frequency Manager to report interference and stop testing.