

Additional Information Relative to Operations
File Number: 0379-EX-PL-2008

The diagram shown on attachment (question 6) indicates that the air vehicle has two antenna installations. One is the command and control antenna; and, the other is the video transmitter antenna. The ground station incorporates a command and control antenna; and, a video receiver antenna.

For onsite tether operations, the typical scenario is for the vehicle to be attached to the tether and the ground station to be located in the onsite control building. For this scenario, the vehicle is constrained by the tether and the tether operator; and, cannot maneuver more than 90 feet in any direction, including elevation. The tether facility consists of an aerial cable attached to two poles located 200 feet apart, each 90 feet high. The vehicle is attached to a second cable which can traverse the aerial cable by means of a simple pulley. Distance between the air vehicle and ground station for this scenario is at most 300 feet.

Additional operations include radio communication checks by loading the air vehicle on the truck bed and positioning the truck at various locations in the Honeywell parking lot. For this scenario, the distance from the ground station to the air vehicle is at most 1500 feet laterally. Some radio communication checks are planned when the air vehicle is attached to the tether and the ground station is loaded in the truck and positioned at various locations around the immediate urban area. For this scenario, the distance from the ground station to the air vehicle could be 3 miles.