

Communication

Communication uplink command to the UAS vehicle, and data downlink is provided by the systems described in the following table:

VEHICLE/PAYLOAD/GROUND RF TRANSMITTERS:		
System 1: JR 10x Radio Controller	Frequency (MHz): 72	Power (Watts): 500mW Gain: NA – standard $\frac{1}{2}$ or $\frac{1}{4}$ wave dipole antenna
System 2: Autopilot-to-ground station comm. link	Frequency (MHz): 900S	Power (Watts): 100mW Gain: NA – standard $\frac{1}{2}$ or $\frac{1}{4}$ wave dipole antenna