

Communications System Description

RC mode control is via a COTS 2.4 GHz radio system. The transmitter is a JR 10X model with a 2.4 GHz Spektrum module installed. The aircraft receiver is a Spektrum AR9000 model.

The Ground Control Station communicates with the aircraft autopilot via the short-range 900 MHz system manufactured by Cloud Cap Technologies.

The Ground Control Station also communicates with the aircraft via a long-range Iridium SATCOM system manufactured by NAL Research.

Payload communication takes place on 421.5 MHz (see frequency license attached).