

The ground control station consists of two 72 MHz PCM RC transmitters for redundant control and a laptop computer running MicroPilot Horizon software [FIGURE 3]. Each transmitter communicates with a separate receiver operating at a different channel. The UAV communicates with the laptop computer via a 900 MHz radio modem, allowing real-time monitoring and control of nearly all aspects of flight. Onboard UAV components are discussed in the aircraft systems section.

