Ground Control Station

MLB has developed a compact ground station for operating the Bat using a laptop PC as the primary control console. The PC has a moving map display showing the aircraft's location, speed, and height in real time. There are system monitoring windows to keep track of the Bat's performance and a live video capture window. The flight path is specified as a series of mission legs, each with its own altitude, speed, and waypoint. The operator can change the mission plan by "dragging and dropping" waypoints over the map display and then uploading the new flight plan to the aircraft.