

## DRONE INFORMATION THAT MAY BE OF INTEREST

**Manufacturer:** DJI ([www.dji.com](http://www.dji.com))

**Model:** Phantom 2 Vision Plus – Version 2.0

**Price:** Was \$1299 but current equivalent model (Phantom Standard) is now about \$499.

**Camera:** 3-axis gimbal, 1080p video, 12 megapixel photos, does not have telephoto lens.

**Power:** Lithium battery, approx. 15 minutes of flight time / approx. 1 hour charge time.

**GPS:** Locks onto multiple satellites for accurate positioning and hovering, even in windy conditions.

**Failsafe Return:** If the drone detects a loss of control signal for more than 10 seconds, it will automatically fly back at a preset altitude to the take-off point and safely land. Pilot can also invoke this at any time during flight with the flip of a switch.

**FPV:** First Person View via smart phone, tablet, or VR goggles

**Telemetry:** On-screen readouts and voice audio via smart phone, tablet, or VR goggles. Uses WiFi connection.

**Max. Altitude:** 1400 ft. capable (but the FAA allows only 400 ft.)

**Max. Communication Range:** Approximately 1/2 mile

**Max. Speed:** Approximately 30 mph

**Obstacle Avoidance:** This model does not have automatic obstacle avoidance, but more advanced models do.

**Autonomous Flight:** This model has autonomous flight capability that allows it to follow a series of pre-programmed GPS coordinates without pilot control.

**Pilot-In-Command:** The pilot flying this drone is FAA licensed for commercial operations, having passed the FAA Part 107 Remote Pilot Exam. The drone itself is also registered with the Federal Aviation Administration for both commercial and recreational use.