 **DJI New Pilot Experience**

**Key Takeaways**

**Phantom 4 Pro/Inspire 2 Key features**

* Provides everything RTF out of the box, including 16GB SD card.
* Easy to operate with precision flight and stable hovering using dual IMU’s
* Built in Return to home, Intelligent Flight Modes, & No Fly Zones safety features
* High performance 4K/5.2K camera
* 3-axis camera stabilization
* Camera tilt control from -30 to 90 degrees

**Phantom 4 Pro/Inspire 2 FAQs**

|  |  |
| --- | --- |
| Flight Time？ | P4 Pro Up to 30min/I2 up to 27min |
| Flight Range？ | Up to 4.3 Miles (FCC Compliant) |
| Service Ceiling | Aprox. 19,000 ft. |
| How fast it flies？ | P4 Pro= 45mph; I2 = 58mph |
| Takeoff weight？ | P4 Pro = 3lbs; I2 = 8.8lbs |
| Camera quality? | P4 Pro = 16MP/ UHD4K@60p/FHD@120p; 100mbps  I2 w/X4S = 16MP C4K@60p/FHD@120p; 100mbps  I2 w/X5S = 20.8MP/C-DNG Raw or ProRes [5.2K@30p](mailto:5.2K@30p); 4.2gbps |

**How to fly Phantom 4 Pro/Inspire 2？**

* **Get ready & Pre-Flight Checklist**
  1. Propellers and Gimbal free of obstruction check
  2. Turn on the remote controller
  3. Open DJI GO 4 App
  4. Turn on UAV
  5. Battery Status Check (50%+)
  6. Micro SD/SSD card space
* **Calibration**
  1. Calibrate the Compass (if changing time of day, or departure location)
  2. LED flight indicator to flashing Green, home point recorded
  3. Verify 7+ satellite connections for proper GPS accuracy.
  4. Ready to take off
* **Motor Startup**
  1. Push both sticks down and inwards; release the sticks once the motors spin up. Or initiate Auto-Takeoff
  2. Push the throttle stick upward slowly beyond the neutral position to take off
  3. Monitor UAV, stay in appropriate height and direction, always maintaining visual contact.
  4. Create cinematic graceful shots simply by clicking the record/shutter buttons on Radio TX
* **Mission Completed**
  1. Land the aircraft softly. Or initiate Auto-Land
  2. Turn off the aircraft by holding just the throttle stick down 3 seconds if Auto-Land was not initiated
  3. Power off UAV via battery power switch
  4. Turn off the remote controller
  5. Synchronize album with smart device and share to them to social media.

**Pre-Flight To Do’s:**

* Check www.KnowBeforeYouFly.org
* Pre-flight weather check www.uavforecast.com
* Flying area check and recommendation:
  + Open and unobstructed
  + Areas with no magnetic interferences
* Compass calibration and home point record.
* Stay focused while flying, with no distractions.
* Be aware of the flight parameters, TFR’s, no fly zones, and other restricted airspace’s
* Periodically check IMU sensors are within airworthiness parameters

**Phantom 4/ Inspire 1 Maintenance Notes:**

* Keep away from magnetic objects and water
* Store Phantom in a cool and dry place
* Store LiPo batteries under 40% for long term (10+ days)
* Keep propellers in good conditions



\*For additional instructions visit, www.youtube.com/user/TVSpecialists