DARTDRONES

UAV Basic Training

- The Federal Aviation Administration
- Know Before You Fly
- Rules for Recreational, Commercial, and Government Users
- The 333 Exemption
- FAA Proposed Rules for sUAS
- Safety
- #FlySmart
- Planning Your Flight
- Emergency Procedures
- Checklists
- Flight Log
- Weather Considerations
- Identifying Hazardous obstacles
- Insurance
- Location Checklist – Where and when Can you Fly Legally
- Abiding by FAA Flight Restrictions
- Airspace Basics
- Privacy Considerations
- Equipment Considerations
- Top Drones on the Market
- Fixed Wing versus

- Multi-copter
- Battery Considerations
- Cameras and Gimbals
- Why Drones Get a Bad Reputation
- How to Avoid Pilot Disorientation
- Understanding Capability of Equipment
- How to Avoid Fly Aways
- How to Not Make It In the News

Phantom and Inspire Training: Part I

- Aircraft Components
- First Flight Basics
- Flight Modes and Vision Positioning
- Calibration Considerations
- Emergency Procedures – Fail Safe, Return to Home, and Fly Aways
- The language of Lights
- DJI User Settings – Simulator and Flight Recorder
- Firmware Updates
- Handouts – Location Checklist, Pre-Flight Checklist, Equipment

Checklist, Take Off Checklist, Practice Exercises and Flight Log

Phantom and Inspire Training: Part II

- DJI Go App Settings
- Failsafe Settings
- Return to Home Features
- Gain and Expo Tuning
- RC Control Settings
- Master Stick Mode
- Intelligent Navigation Features
- Course lock – Aircraft Fixes Forward Nose Orientation
- Home Lock – Aircraft Follows Direct Path to Home point
- Point of Interest – Aircraft Circles Designated Point
- Follow me – Aircraft follows the mobile Device
- Way Points – Aircraft Flys Along Programmed Flight Path