Drone Use in the Department
Traffic/Incident Management
Special Events

Firefly 2019
Special Events
Construction and Safety Inspection

Bridge 3-150
Regulations and Program

- Night Waivers
- 107.29
- COA

(Certification of Authorization)

WORKING ON: Part 107.39
Operations Over People
DelDOT Drone Checklist

Pre-Flight:
• Inspect Aircraft
• Check Propellers
• Inspect Camera
• SD card installed
• Battery inserted properly
• Controller/iPad connected
• Max altitude set to 120m (400ft)
• RTH height set to 10m above surrounding obstacles

Takeoff:
• Confirm Satellites (Min 8)
• Announce and start motors
• Verify home point
• Note battery percentage
• Announce and take off
• Control check above 5m
• Check orientation lights
• Landing gear up (If applicable)
Landing:
- Announce Landing
- Landing Gear Down
- Visually Clear Landing Area
- Land Aircraft
- Stop recording (if recording)
- Shutdown Motors
- Note Battery Percentage

Post-Flight:
- Shutdown/Dismantle Aircraft
- Turn iPads OFF (Hold power & slide)
- Disconnect iPads & Controllers
- Note any M.O.S.T. Issues
- Return everything to case and secure
Construction/Survey
Ground Control
Drone Programs

DroneDeploy

PIX4D

DroneSense

DroneLogbook
Closing/Questions?