El Segundo Police Department

Unmanned Aerial Vehicle
UAV’S AND FAA CERTIFICATIONS

Unmanned Aerial Vehicle (UAV)
- Unmanned aircraft weighing less than 55 pounds
- Used by over 900 state and local police, fire and public safety agencies nationwide

Drones are Regulated by the FAA

- **HOBBY**: Fly for fun
- **CIVIL**: Commercial operations
- **PUBLIC**: Government use only
Class D Airspace

- LAX Tower authorization required
- Hawthorne Tower authorization required
- Have agreements with both airports
ESPD's Drone Team

- Consists of two licensed pilots and one lieutenant overseeing the program
- Monthly training sessions
- Equipment--Currently have three drones
Type of UAV's

Phantom 4
- Flight time 25 min
- HD camera

Spark
- Flight time 15 min
- HD camera

Matrice 210
- Flight time 25 min
- HD & FLIR
Drone Uses

- Beach/Coast line search and rescue
- Traffic collision scene documentation
- Searches for evidence
- Searches for missing persons
- Disaster/Post disaster response
- Searches for suspect(s) who are believed to be hiding in a defined perimeter
- Search warrant operations

- Support of tactical operations
- Security operations at large public gatherings
- Critical incident management
- Hazmat (Chevron, truck containers, etc.)
- Scouting missions for SWAT
- Counter sniper operations
- Crime scene documentation
- Urban search and rescue
UAV Requirements

- All flights documented
- Pre-Flight inspections
- Post mission reports
- All FAA guidelines followed
459 PERIMETER
459 Perimeter
UAV Team

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QUESTIONS?