

UASSC Working Group 4: Public Safety Operations – Transcribed from Handwritten Notes
Introductions. Emergency Response, Standards Bodies and Organizations, Utilities and Private Sector Represented

1/2. What are the top UAS issues of concern?

- Disaster and major incident standards
- Integration into UTM for emergency responders and disaster response
- Standardization of sensors
- Standardization of data
- Cybersecurity
- Threat discrimination
- Standardization of environmental sensors
- Decontamination standards

Consideration of testing and performance requirements

Consideration of training and certification of response operators

Beyond visual line of sight for emergency ops (ASTM)

3. Roadmap organization

- “Tactical Operations” as a header with Fire, EMS, Law Enforcement and Critical Infrastructure as subsections
- Operational Communication
- Airspace Coordination and Operation
- Next items on the horizon

4. Who is not here today who should be involved in this effort?

IACP, PARF, NSA, FEMA, USM?/TSA, FAA, NASA, NIC? NLC?, NASA MSFC?, FBI, ISO (?), DITRA, DARPA, Press? Associations, Tribal and territorial, Interior/Forest Service, DOE, DOT, Consumer Tech, Toy Industry

5. What topics are not being adequately addressed in UAS standardization?

- Training and certification standardization
- Certifying equipment, platforms, operators
- Voluntary compliance standards for public aircraft operations (ASTM F38)
- Standardized labeling
- Recreational users – Concern with this
- Recreational users and their engagement with response operations
- Educating the community

Verbal Notes Typed by Staff During the Report Back

Q1:

Disaster. Emergency response incident response
cybersecurity – data transfer, safety of data
training for emergency response
communication, LTE, spectrum for emergency response – major events
integration into UTM

Q2:

how hazmat is handled by fire, police
Operational communication
airspace coordination

Q4: not here today

Darpa, TSA, NSA, NIC, FMMA, smaller state groups for police, fire, EMS

Specialized training for emergency response
Standardization and liability
future of research