

ANSI Unmanned Aircraft Systems Standardization Collaborative (UASSC)

2019 Plenary Meeting:
Working Group 2 Breakout Report



September 12, 2019

1. What are the top UAS issues of concern for your organization?

1. **8 BVLOS**
2. **12 Detect and Avoid**
3. 4 Operations over People
4. 0 Operations over moving vehicles
5. **10 RemoteID**
6. **8 Pilot qualifications (risk reduction, class ratings)**
7. **13 Airspace Integration (UTM/ATM)**
 1. USS sharing with the pilot
 2. Harmonization of concepts
 3. Airport integration
8. 1 ADSB
9. 5 Common process for Risk Assessment
10. 5 Drone Incident Reporting and data sharing



What are the top UAS issues of concern for your organization?

11. -To support analytics, decisions
 - Consider DOT national transportation DB
12. 2 Data Sharing
 - Securing the data (messaging format, digital signatures, etc.)
13. 3 Lexicon for UAS must be the same for general aviation “DNA”
14. 1 Exchange model
15. 7 Integration between manned and unmanned operations
16. 1 Routing over diff airspace
17. 2 Verify position, transponders (verbal, digital, under control / not)

What are the top UAS issues of concern for your organization?

18. 1 Safety risk / benefits overall by use of Drones
19. 3 How to activate SDOs to cooperatively produce results on a coordinated and priority basis / schedule
20. 1 Socializing with regulators to endorse standards
21. 1 Counter UAS Operations
 1. Do we differentiate between manned and unmanned?
22. 1 FAA ARCs
 1. Airspace access
 2. Remote ID UAS
 3. Controlled airspace
23. 4 Weather
 1. Qualifications for weather providers
 2. Standards consideration of authoritative versus other local / innovative sources
 3. Microweather analytics for mission decision, updates

2. What issues, activities, or initiatives are missing from the roadmap or not adequately covered in your view?

1. **13 UTM/ATM Integration (Data / Message exchange)**
2. **11 Urban and Expanded Air Mobility**
3. 3 Flight Planning addressed in UTM, but both a UTM/ATM integration issue
 1. Include NOTAM processing / awareness
4. 3 Terminology – differentiate between standards, policy making, regulation and roles
5. **11 Cybersecurity – how will/does the roadmap handle this cross-cutting topic?**

- 6. 2 Recreational – now in WG4. should be in WG2 as operations? Public safety versus broader recreational use – different users / roles
- 7. 4 Operations over roads, moving vehicles, on buildings - as they related to people vs assets
- 8. 1 Log Book maintenance
- 9. 5 Drone incident reporting

3. Please provide any comments that you have on the roadmap's organization.

- ◆ Overall, logical grouping
 - Appreciated focus on references, links
- ◆ Review topics to assess allocation, cross-cutting topics, e.g.
 - Security - cybersecurity
 - Recreation
- ◆ **14 Airspace Integration (including UTM, ATM) as a separate WG activity?**
- ◆ 5 Definition of what's in and what's out of scope for each WG area, along with overall scope of the roadmap

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

- ◆ Wing
- ◆ Amazon
- ◆ NASA
- ◆ FAA office issuing waivers
- ◆ Air Traffic

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

- ◆ Scope of the standards for each standard in the Roadmap

6. What overlap or duplication exists in UAS standardization?

- ◆ Encourage heightened, persistence coordination among SDOs and Associations
 - Emphasis on international