

The Small UAV Industry Delivery Needs Rules

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The Challenges Are Not Just Technical

- For better or worse:
 - Must fit in/around/beside legacy aviation
 - Adjacent industries
 - Mutual reliance
 - Even if not yet understood by the ‘classical aviation’ guys
 - Mutual opportunities
- But will not come by hoping for the best
 - Aviation regulation is a home game for legacy industry
 - UAV Community needs a specific voice

A Number of European Processes...

- EASA
- The EU
 - The Commission
 - The Council
- SESAR
- ANSPs
- DG MOVE
- DG ENTI

- These march on – we need to be heard...

We Need to be Heard

- Must speak the language of regulators
- Must bring a mature and helpful attitude
- Must work with the legacy industry
 - Acknowledge their concerns
 - Work with EASA
- Must maintain focus on the UAV elements

Focus...

- Categorisation
 - Open
 - Specified
 - Certified
- Allows focus and appropriate attention
 - Treat toys as toys
 - Treat aircraft as aircraft
 - Allow for risk-based, proportionate UAS regulation
- One pan-European approach
 - Allowing research and development to continue

Putting all that together...

All around Europe, we are making breakthroughs

Small UAVs are the growth sector of the market

- New delivery models:
 - Amazon Prime Air
 - Google
- A number of flight plan/trajectory companies being created
- Service companies being created all the time
- New uses and applications daily

We need to prepare for these changes urgently...

For Regulators: Important Ground Rules:

- 1 We must get the terminology right
 - UAS
 - UAV
 - RPAS
- 2 Speed is good, not bad
- 3 Focus first on the issues that add greatest value
- 4 Do NOT re-invent the wheel

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- Aims to bring like-minded together
- Support the Commission/EASA processes
- Raise awareness and voice
- Be heard by regulators:
 - EASA
 - European Commission
 - SESAR JU
 - CAAs

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- No excuse for not talking to the regulator
 - No-one else to blame
- Interests must be put forward
- Place for companies
 - Board members
 - Associates
- Need support of national associations too
- The time to act is now
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