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ICAO Guidelines for the Expanded Use of PEDs

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History

- In 2013, FAA issued changes to PED use
 - Expanded use = all phases of flight
- EASA then announced changes
- ICAO met on this issue with:
 - FAA, EASA, IATA, ICCAIA



- Conclusion: situation required global harmonization
- ICAO SARPs do not address use of PEDs

Expanded Use of PEDs (Cir. 340)

- Definitions
- Regulatory considerations
- Technical considerations
- Operator safety risk assessment
- Operator policy & procedures
- Training
- Passenger awareness
- Post-implementation activities
- Additional resources



Operator Requirements by State

- As part of regulatory changes, operators should:
 - Assess PED tolerability of aircraft in fleet & obtain certification
 - Conduct safety risk assessment on expanded use of PEDs
 - develop risk mitigations
 - Develop PED policy and procedures
 - Revise approved flight and cabin crew training programs
 - Provide information to passengers
 - prior to and during flight
 - Monitor and follow up on any potential issues



Policy on Expanded Use of PEDs

- Types of devices accepted by operator
- Restrictions/prohibitions of PED use
- Specific considerations / restrictions
 - text messaging / voice communications
- Stowage and securing of devices
- Use of personal PEDs and operator-issued PEDs
- Crew reporting and investigation of occurrences
 - PED interference with avionics
 - PED / battery smoke or fire
 - Unruly passengers
- Charging PED using aircraft power during critical phases of flight



Operator Procedures – Normal Ops

- Stowage and securing of PEDs
- Use of prohibited PEDs
- Aircraft fitted with wireless services
- Turbulence
- Use of PEDs during refueling
- Procedures for operator-issued PEDs
 - for crew / passengers
- Charging of PED using aircraft power during critical phases of flight



Abnormal and Emergency Procedures

- Suspected or confirmed PED interference
- Fires related to PEDs or stand-alone lithium batteries
 - Doc 9481 (Incidents Involving Dangerous Goods)
- Passenger management



Cabin Crew Training

- **Initial training:**
 - Changes to operator policy
 - how to interpret and apply its objectives
 - Changes in procedures on use, stowage and securing of PEDs
 - Cabin crew duties and responsibilities for suspected or confirmed PED interference
 - Passenger management
- **Recurrent training:**
 - Changes to policy and procedures
 - Review of recent occurrences
 - Recent developments in PED technology



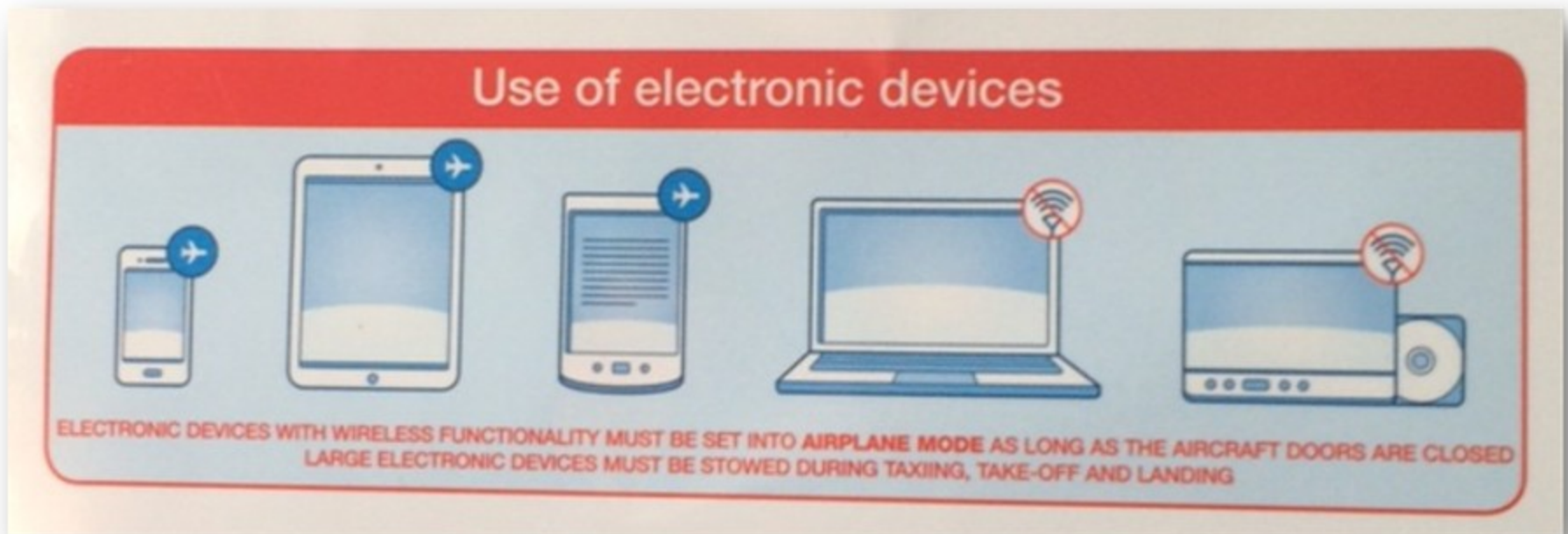
Pre-flight Information to Passengers

- Policy regarding PED use
- Devices allowed during flight
- Times when devices can or cannot be used
- Special instructions
 - regarding text messaging and voice communications
- Stowing and securing of devices
 - and times when this should be done
- Importance of complying with all crew member instructions at all times



Safety Briefing Card

- Prohibited types of PEDs
- Restrictions on use according to phase of flight
- Permitted stowage location(s) for PEDs





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