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Development Training For ATSEPs





Contents

- Requirements
- Types of activities
- Activity diagram
- Examples





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Requirements

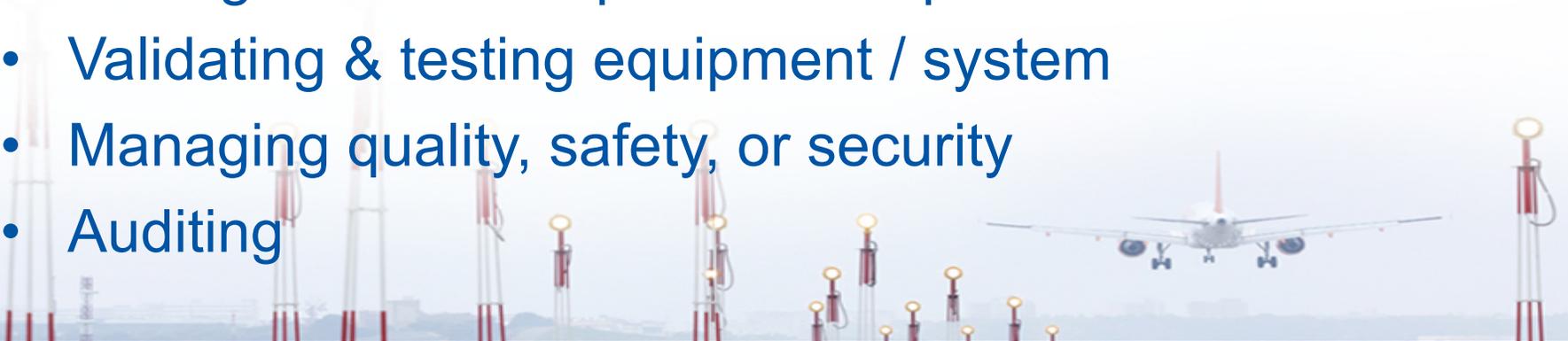
- Developing additional competencies
- Career progression

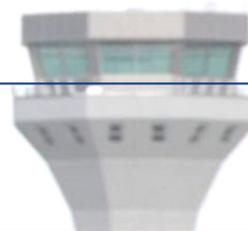
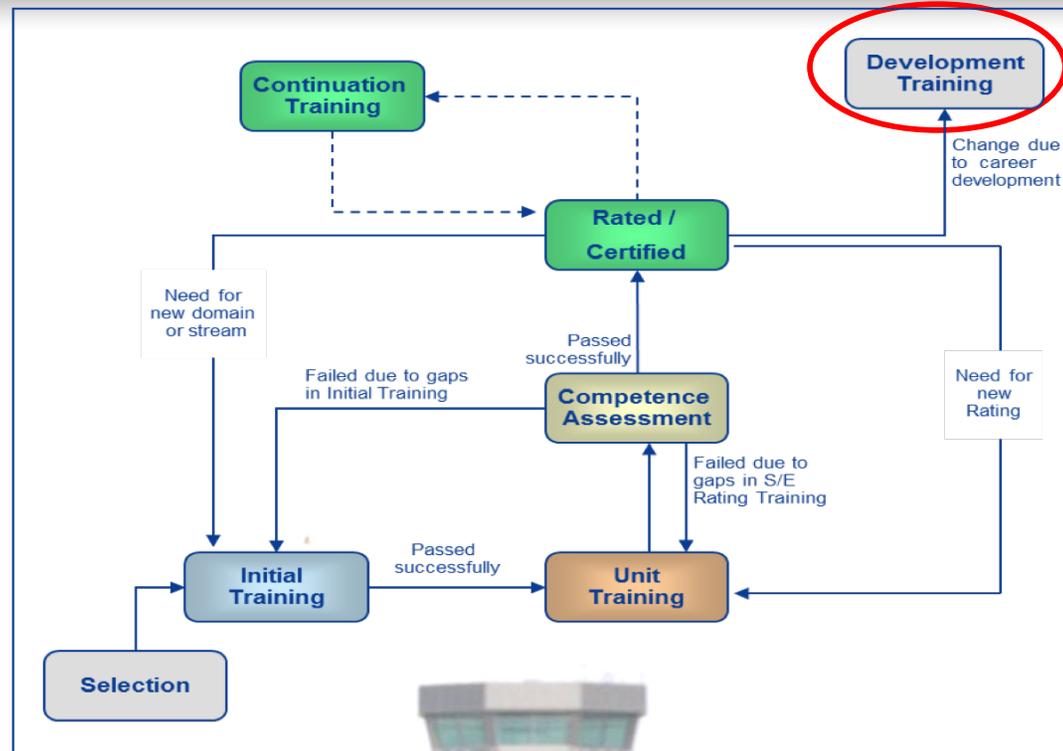




New activities may include:

- Training function
- Managing staff
- Writing technical requirements / policies
- Validating & testing equipment / system
- Managing quality, safety, or security
- Auditing

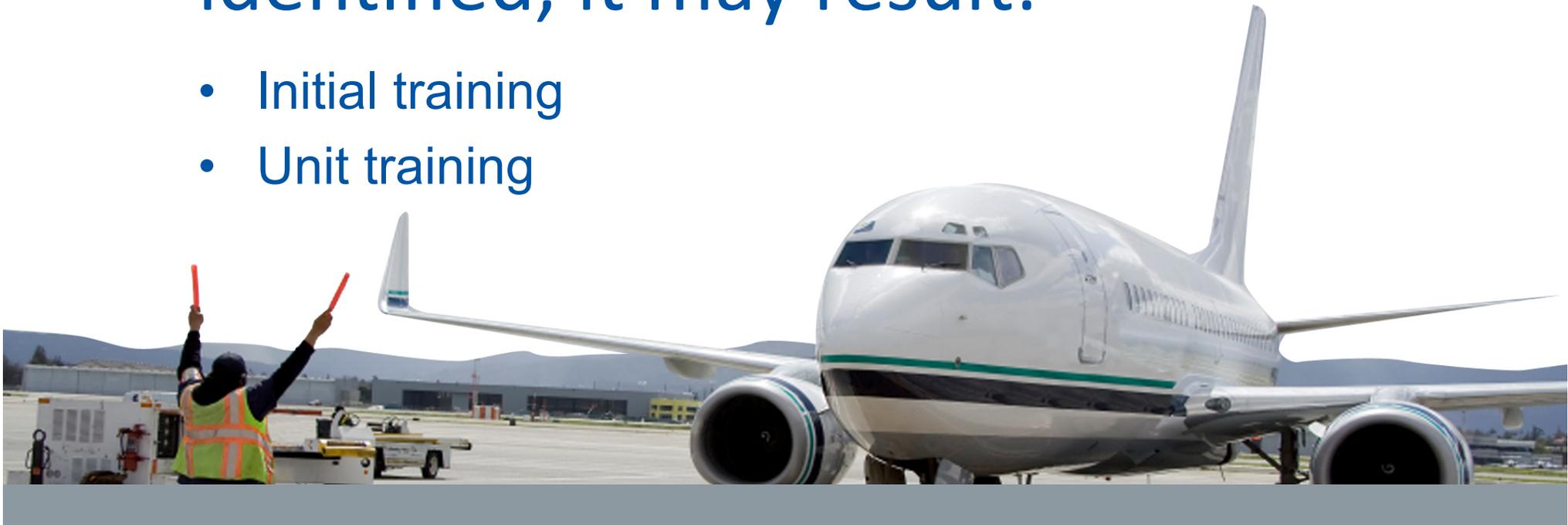






If significant change is identified, it may result:

- Initial training
- Unit training





Examples:

- Instructor
- Engineering Installation
- More examples in Appendix D of ICAO DOC 10057





Instructor

- Classroom instructional techniques
- On-the-job training and coaching
- Assessment training





Instructional Techniques

- Principles of adult learning / motivation
- how to design and structure a lesson and lesson plan, including design of instructional events, selection of training techniques and selection of media options
- questioning techniques





On-the-job Training & Coaching

- Designed for ATSEPs in an operational unit
- Best practices
- Quality and efficiency
- Advocate a code of practice





Assessment Training

- Experienced ATSEPs conducting assessments
- Competency standards & safety are maintained
- International, regional, and local safety regulatory requirements
- Understanding of human factors





Engineering

- Installation
- Design
- Validation & testing
- Deployment





Installation

- Demonstrate ability to collect operational needs
- Interpret needs and translate into specifications
- Use results to discuss with industrials
- Discuss on appropriate solutions
- Appraise COTS provided by industrials





Design

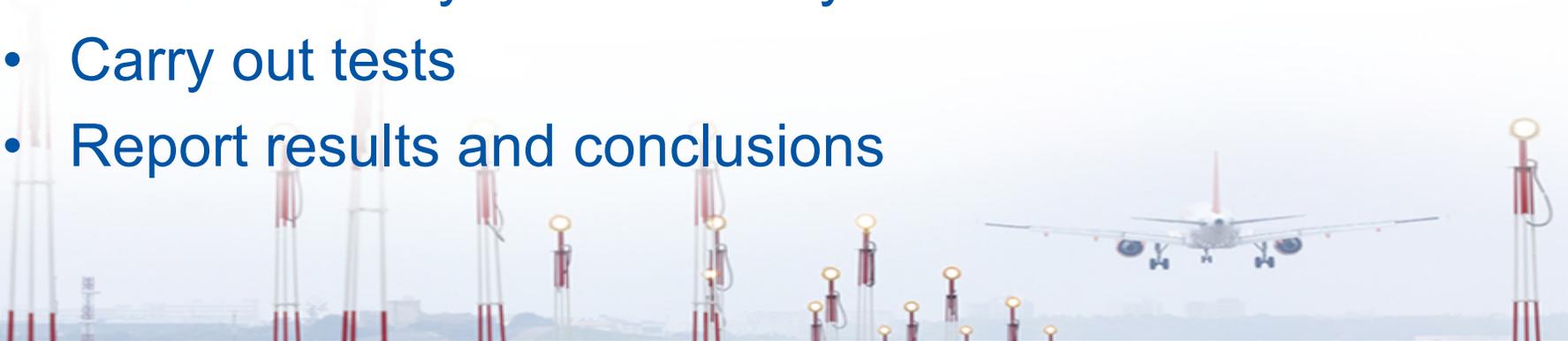
- Demonstrate ability to manage a project
- Comply with integrated management system (safety & quality)
- Use competencies in System engineering
- Comply with development requirements and regulations





Validation & Testing

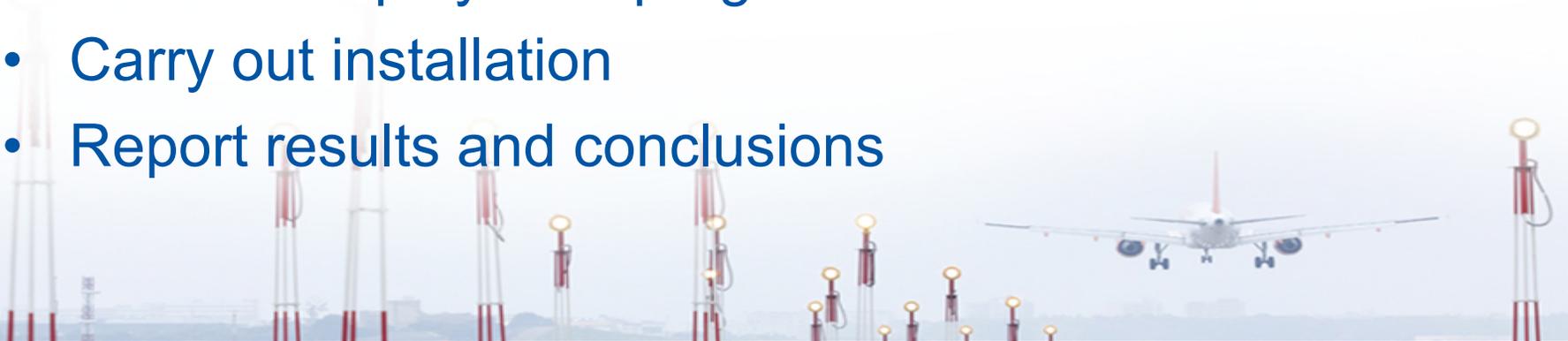
- Develop testing management plan
- Implement management testing plan
- Conduct safety review / analysis
- Carry out tests
- Report results and conclusions





Deployment

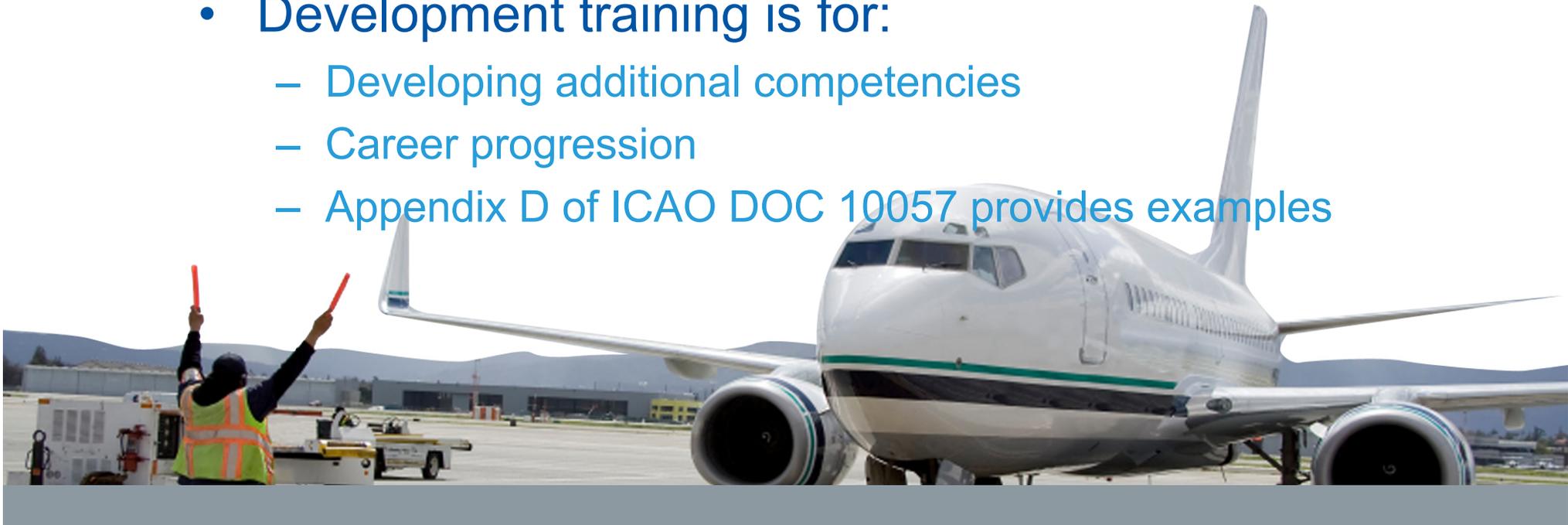
- Define the urbanization of the system
- Develop deployment plan
- Conduct deployment programme
- Carry out installation
- Report results and conclusions





In Summary...

- Development training is for:
 - Developing additional competencies
 - Career progression
 - Appendix D of ICAO DOC 10057 provides examples





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North Atlantic
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(ESAF) Office
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(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



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