

The Advanced Qualification Program

Enhancing Training Quality and Safety for Cabin Crew



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- Workplace learning with a focus on aviation safety

About this Presentation

- Describes the Advanced Qualification Program (AQP)
- Explains why it can be advantageous for cabin crew training
- Describes ways that carriers not training under FAA regulation can use AQP processes to enhance training effectiveness
- Opportunities to ask questions and identify resources to help you learn more

What is AQP?

- FAA program providing a voluntary alternative to training and qualifying cabin crew under CFR 14, Parts 121 and 135
- FAA able to authorize “significant departures” from traditional requirements if “equivalent or better level of safety” is maintained
- Scenarios test both technical and CRM skills
- Requires data collection and reporting strategies
- Curricula content refined based on quality control data

Characteristics of an AQP

- Performance objectives not programmed hours
 - This alone can yield greater efficiency in training
- Implemented in five phases
- Cabin crew must demonstrate proficiency in scenario-based training and evaluations which test both CRM skills and technical skills together
- AQP specific training for students, instructors and evaluators
- Performance proficiency data collected on all three groups for curriculum validation

Characteristics of an AQP

- Focus on crew-oriented, scenario-based training and evaluation
- Training data used for carrier's internal analysis for curriculum refinement
- Performance proficiency (training) data regularly reported to the FAA in digital electronic format
- Provides framework for integrating advanced training technology such as computer-based training and cabin simulators

AQP Process at Work

- FAA's Tom Longridge: *“AQP is founded on the principle that the content of training and checking activities should be directly driven by the content of the operational job.”*
- That means YOU design a training program that fits your specific needs related to:
 - Operating environment
 - Cabin crew experience
 - Training facilities
 - Instructor/Evaluator staff

AQP Process at Work

- Five phase development and implementation process uses Instructional Systems Design (ISD) framework
- Early phases focus on developing task list, curricula, and program documentation
- Later phases require data collection, analysis, validation and reporting

What Are AQP's Advantages?

- Tailored training programs reflect a carrier's :
 - Operating environment
 - Aircraft
 - Training equipment
- Training objectives drive the program
- Quality control uses performance data to develop and refine curricula
- Emphasis on instructor and evaluator training

What Are the Disadvantages?

- Process is rigorous
- Requires a dedicated staff
- Requires meticulous data collection, analysis and reporting
- Program will fundamentally change the way your training program operates
- Must be integrated into existing company training manuals

How Do I Begin?

- Step One
 - Research the requirements (list of references soon)
- Step Two
 - Organize AQP staff
 - Curriculum development team
 - Data collection and analysis team
- Apply to the FAA (if appropriate)
- Begin phased development

What Do We Develop?

- For line crew, instructors and evaluators
 - Job Task List
 - Indoctrination Curriculum
 - Qualification Curriculum
 - Continuing Qualification Curriculum
- Program Audit Database (PADB)
- Performance Proficiency Database (PPDB)

Where Can I Learn More?

www.faa.gov/education_research/training/aqp/

- *Advisory Circular 120-54 AQP*
- *Advisory Circular 120-51 Crew Resource Management*
- *Data Management Guide*
- *Facilitating Line Operational Simulation Debriefings*

- All four online in PDF



Time for Questions



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