

Government Safety Inspector (GSI) Training Series

P/12 Agenda Item 4

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International Program Division (AFS-50)
FAA Flight Standards Service



Federal Aviation
Administration



GSI Background

- The FAA and ICAO have and continue to collaborate and deliver a series of specialized courses known as the Government Safety Inspector (GSI) Training Series.
- GSI training provides international aviation safety inspectors (ASIs) with the knowledge, tools and specific skills necessary to perform effective aviation safety oversight worldwide based upon ICAO Standards, Recommend Practices and Guidance.
- GSI course materials include model regulations, forms, directives, job aides and other tools to adapt for use in their own agencies.



GSI Core Training Areas

The training series is divided into specialized tracks based on an inspector's specific role:

- **18700 GSI Air Operator Certification (GSI-OPS):** Focuses on the five-phase process for certifying air transport operators. It covers evaluating operations manuals, training programs, and conducting base inspections.
- **18701 GSI Airworthiness (GSI-AIR):** Designed for airworthiness inspectors, this track covers the certification of Approved Maintenance Organizations (AMOs) as well as the maintenance activity of air transport operators.
- **18710 GSI Personnel Licensing (GSI-PEL):** Focuses on how a CAA establishes, manages and maintains an ICAO compliant licensing system for pilots, mechanics and other aviation related positions.
- **18702 GSI Air Cargo Certification:** Specifically provides ASIs with an introductory foundation of knowledge necessary to perform the certification activities associated with ensuring the safe transport of cargo by air.



GSI Methodologies

- **Competency-based approach:** The GSI Training Series courses involve focused exercises where participants evaluate simulated manuals and applications to identify errors and ensure compliance with ICAO Standards and Recommended Practices.
- **Duration:** GSI-OPS, GSI-AIR and GSI-PEL span 15 days. GSI- Air Cargo is 5 days long.
- **Delivery:** GSI courses are offered through both the FAA and ICAO-endorsed training centers. The courses are delivered both in-person and as Virtual Instructor-Led Training (vILT).
- **Target Audience:** The primary audience is operations, airworthiness, and licensing inspectors from Civil Aviation Authorities and Regional Safety Oversight Organizations.



GSI Global Reach

- GSI Training Series Course Deliveries over the past ten years involved:

GSI Course	Students Trained through FAA	Students Trained through ICAO	Total Countries Reached
GSI PEL	167	915	49
GSI OPS	154	869	51
GSI AIR	138	832	39
GSI Air Cargo*	210	79	28

- * GSI Air Cargo Data covers the past five years
- In total, GSI Training Series courses have been delivered to 3,364 participants from 69 countries



GSI Seeing Results

Over the same ten-year period, USOAP Effective Implementation scores increased in the following areas:

- AIR: 15%
- OPS: 14%
- PEL: 12%

These were driven by improvements in Critical Elements 6, 7, and 8-

- Licensing and Certification
- Surveillance
- Resolution of Issues

