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Fifth NAM/CAR Regional Meeting for National Continuous Monitoring Coordinators (NCMC/5)

Mexico City, Mexico, 15 – 16 November 2022

Agenda Item 4: **Status of USOAP Effective implementation (EI) in the NAM/CAR Regions**

ICAO GLOBAL AVIATION TRAINING OVERVIEW

(Presented by Secretariat)

EXECUTIVE SUMMARY
This information paper provides an overview of the Government Safety Inspector (GSI) Training Programme courses provided by Global aviation training (GAT) of ICAO.

Strategic Objectives:	• Strategic Objective 1 – Safety
References:	• Global aviation training of ICAO (GAT)

1. **Background of Government Safety Inspector (GSI) Training Programme**

1.1 ICAO safety oversight audits found that many States are experiencing difficulties with the implementation of ICAO safety oversight standards. A detailed problem analysis was carried out to ascertain the potential causes and solutions to the shortcomings found in many States to carry out their safety oversight responsibilities related to personnel licensing, aircraft operations and airworthiness. The analysis examined the symptoms and causes of the problems and made specific recommendations for solutions. This study found that there were both training and complementary non training solutions.

1.2 As a result of these findings, a need was identified to establish training programmes that would provide GSI, on a worldwide basis, with uniform skills and knowledge so that they could perform their jobs in a manner that was fully consistent with the Convention on International Civil Aviation and its Annexes. A wide range of training needs were identified. The following functions were identified as the highest priority for training:

   a) Certification duties;
   b) Surveillance duties;
   c) Enforcement duties; and
   d) Personnel licensing.

1.3   In order to meet the training demand for GSI, the course materials have been distributed to States' aviation training centres that are endorsed by ICAO to teach the courses. ICAO will endorse a limited number of training centres to implement the courses on an international basis, with the objective of establishing standardized GSI training capabilities within each ICAO region. As the need expands for this type of training, the number of ICAO training centres endorsed to provide this training would grow correspondingly. Training centres that receive ICAO endorsement to use the course materials to train GSI will have the opportunity to expand their government safety oversight curricula as additional courses become available.

2.   GSI courses

2.1   The ability of GSI to perform their jobs in a uniform manner worldwide is considered important to flight safety. Thus the quality of their training should be of the highest possible level. The GSI Training Programme has been developed in order to ensure a high level of quality and standardization in the training of GSI globally. Courses under this programme have been developed to address one of the shortcomings identified in audits conducted under the ICAO Universal Safety Oversight Audit Programme (USOAP) related to the lack of qualified technical personnel to carry-out safety oversight responsibilities.

2.2   The following list contains information about the GSI courses that are conducted by ICAO-Endorsed GSI Training Centres. These courses were developed using the Model Civil Aviation Regulations (MCARs). We also invite you to review the courses to be given at the ICAO-Endorsed GSI Training Centers.

   I.   **ICAO Government Safety Inspector Operations - Air Operator Certification (GSI OPS), Course 18700** (https://igat.icao.int/ated/TrainingCatalogue/Course/530)

   Course Description:

   The ICAO Government Safety Inspector Operations – Air Operator Certification (GSI OPS) Course was developed as a collaborative effort between the International Civil Aviation Organization (ICAO) and the Federal Aviation Administration (FAA) in order to provide operations, airworthiness, and personnel licensing aviation safety inspectors, on a worldwide basis, with uniform skills and knowledge to conduct specific safety oversight functions. This 14-days course, designed for operations inspectors, covers the basic concepts and steps involved in certificating an air transport operator. Participants will be taught the five-phase certification process based upon ICAO Standards and Recommended Practices (SARPs) and Model Civil Aviation Regulations (MCARs).

   II.   **ICAO Government Safety Inspector Airworthiness – Air Operator and Approved Maintenance Organization Certification (GSI AIR), Course 18701** (https://igat.icao.int/ated/TrainingCatalogue/Course/545)

Course Description:

The Government Safety Inspector (GSI) Airworthiness – Air Operator and Approved Maintenance Organization Certification (GSI-AIR) Course was developed as a collaborative effort between the International Civil Aviation Organization (ICAO) and the Federal Aviation Administration (FAA) in order to provide operations, airworthiness, and personnel licensing aviation safety inspectors, on a worldwide basis, with uniform skills and knowledge to conduct specific safety oversight functions. This 15-day course, designed for airworthiness inspectors, covers the basic concepts and steps involved in certificating an approved maintenance organization and an air transport operator. Participants will be taught the five-phase certification process based upon ICAO Standards and Recommended Practices (SARPs) and Model Civil Aviation Regulations (MCARs). Part One covers Approved Maintenance Organization (AMO) certification and Part Two covers Air Transport Operator Certification (AOC). During the course, participants will follow a "mock" maintenance organization and then a "mock operator" seeking certification throughout each phase of the certification process. Exercises will be conducted in which participants must evaluate excerpts of "mock" maintenance organizations and operator's manuals. Participant exercises will also provide practice with evaluating observations of the maintenance organization's and the operator's demonstrations to ensure compliance with the MCARs and advisory material.

III.   **ICAO Government Safety Inspector Personnel - Personnel Licensing (GSI PEL), Course 18710 (**https://igat.icao.int/ated/TrainingCatalogue/Course/531)

Course Description:

The course provides personnel licensing aviation safety inspectors with the competencies required to conduct specific safety oversight functions in accordance with ICAO's Standards and Recommended Practices (SARPs), Model Civil Aviation Regulations (MCARs), and technical guidance.

IV.   **ICAO Government Safety Inspector Operations – Air Cargo Certification (GSI AC)**, (https://igat.icao.int/ated/TrainingCatalogue/Course/5089)

Course Description:

The overall goal of this course is to provide Civil Aviation Authority (CAA) inspectors with an introductory foundation of knowledge necessary to perform the certification activities associated with ensuring the safe transport of cargo by air.

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