



International Civil Aviation Organization

WORKING PAPER

A39-WP/353

EX/137

31/8/16

(Information paper)

English only

ASSEMBLY — 39TH SESSION

EXECUTIVE COMMITTEE

Agenda Item 23: ICAO Civil Aviation Training Policy and Capacity Building in Aviation

INDONESIA PROGRESS ON THE IMPLEMENTATION OF INSPECTOR TRAINING SYSTEM

(Presented by Indonesia)

EXECUTIVE SUMMARY

This paper provides current information of Indonesia's implementation on the development and establishment of Inspector Training System for the Directorate General of Civil Aviation (DGCA), Indonesia, Inspectors. It will highlight recent activities and future plan and seek any cooperation opportunity with another training provider among Member States.

<i>Strategic Objectives:</i>	This working paper relates to Strategic Objectives A – Safety.
<i>Financial implications:</i>	The activities referred to in this paper have been generated through the Indonesia Government's annual budget available in 2013 – 2016. The continuation of activities will be undertaken subject to the regular Indonesia Government resources available in 2017 – 2020 and/or from extra budgetary contributions.
<i>References:</i>	<i>Manual of Procedures for Operations Inspection, Certification and Continued Surveillance</i> (Doc 8335) <i>Airworthiness Manual</i> (Doc 9760) ICAO Training Material for Inspector Training System (ITS), Bangkok, Thailand, November 2012.

1. INTRODUCTION

1.1 ICAO as an international aviation body has arranged training programs for Contracting States. ICAO recommends that every country should establish training programs for CAA Inspectors.

1.2 The Directorate General of Civil Aviation (DGCA) of Republic of Indonesia has appointed representatives to attend ICAO training for the establishment of Inspector Training System.

1.3 The implementation of the DGCA Inspector Training System (ITS) has been fully based on international standards recognized by ICAO. This Working Paper aims to update the Assembly on its progress and achievements in a newly adopted training program which can be useful for other States.

2. IMPLEMENTATION

2.1 The Directorate General of Civil Aviation (DGCA) of Indonesia has established a State Action Plan based on a Federal Aviation Administration's (FAA) International Aviation Safety Assessment (IASA) Technical Review in September 2012. The training provided was conducted upon request from the concerned division.

2.2 The subject for improving aviation safety inspector capability building was on the top of the list among other issues in DGCA Human Resources Development.

2.2.1 On November 2012, ICAO Asia and Pacific Office (APAC), Bangkok, invited DGCA Representatives to attend an ICAO Inspector Training System Course. DGCA Indonesia appointed two DGCA inspectors. As a result, DGCA was recommended to initiate and develop a systematic training program for DGCA Inspectors.

2.2.2 DGCA made significant progress in March 2013 by issuing guidance material for DGCA Inspector Training. The Staff Instruction 8900-1.3: Inspector Training System has been approved to provide guidance on OJT (On-The-Job Training) guide, formal course standards/syllabus, inspector authorization, and Job Task Analysis.

2.2.3 The DGCA Inspector Training System provides a comprehensive system for managing the training and qualifications of new inspectors that includes:

- a) ICAO requirements;
- b) formal classroom training course requirements;
- c) inspector training profiles; and
- d) technical requirements for all inspector specialties.

2.2.4 ITS installs a simple ICAO compliant inspector training programme at a DGCA. The Inspector Training System fully addresses:

- a) Training system management
- b) Planning
- c) Scheduling

- d) Resource Allocation
- e) Final Inspector Qualification Requirements
- f) On-The-Job Training
- g) Database for recordkeeping.

2.2.5 The goal of the Inspector Training System is to establish and maintain a training system that provides up-to-date, performance-based training to meet the evolving, real-time needs of the workforce and the aviation industry as required by ICAO's *Manual of Procedures for Operations Inspection, Certification and Continued Surveillance* (Doc 8335) and *Airworthiness Manual* (Doc 9760) .

2.2.6 The Inspector Training System is divided into two categories. The first one is Mandatory Training/Core Training which consists of 5 (five) main subjects: Debriefing, Certification, Surveillance, Personal Licensing, and Investigation. The second is Additional Training/Specialized Training which consists of 4 (four) main subjects: Job Skills, Operations (OPS) and Avionics (AIR), Cabin Safety, and Management.

2.2.7 As a result, based on ICAO's Universal Safety Oversight Audit Programme (USOAP) 2014, DGCA made further progress by ICAO acceptance of the Inspector Training System. However, there are some changes, which were proposed to Additional Training/Specialist Training for subjects such as Human Factor, Dangerous Goods, Aircraft Type Training, and specialized training for the Airworthiness Engineer Division (AED). Therefore, an amendment was made to Staff Instruction 8900-1.3: Inspector Training System, which includes these findings.

2.2.8 Currently, DGCA appointed 99 Flight Operations Inspectors, 138 Airworthiness Inspectors, 10 Aircraft Dispatcher Inspectors, 18 Cabin Safety Inspectors and 26 Airworthiness Engineers (AED). DGCA has programmed and scheduled DGCA Inspectors to fulfil 5 core training events and 4 additional/specialized training events in a timely manner.

2.2.9 At the end of February 2016, FAA conducted an International Aviation Safety Assessment in Jakarta. The FAA Team expressed satisfaction with the DGCA's ongoing training programme based on the Inspector Training System. The FAA noted some issues, such as Initial and Recurrent training for Aircraft Type Training. The finding was reviewed and verified on 24-25 May 2016. The finding was closed and DGCA agreed to provide monthly updates on the status of the training plan through December 2016. From 25-29 July 2016, the FAA conducted a meeting with DGCA in Washington, and the FAA has satisfactorily closed all the findings, as Indonesia meets ICAO Standards.

2.2.10 The European Union (EU) conducted a Safety Assessment Visit to Indonesia from 19-27 April 2016, which assessed DGCA and the Indonesian air carriers such as Citilink, Lion Air, Batik Air, Indonesia AirAsia, and Aviastar. The EU Team was satisfied with the current DGCA Inspector Training System and its implementation. The DGCA guidance material and training implementation programme are in place. The European Commission released a Press Release dated 16 June 2016 that three airlines certificated by Indonesia (Citilink, Lion Air, and Batik Air) were cleared from the EU Air Safety List. They were added to the airlines whose status had been previously lifted from the EU list (Garuda Indonesia, Indonesia AirAsia, Premi Air, Airfast Indonesia, Mandala Airlines, and Batavia Air).

2.2.11 DGCA is committed to implement the Inspector Training System on a continuously basis and to keep it up to date to adapt to new changes in ICAO requirements. The DGCA Inspector Training System has now been implemented for other DGCA Inspector specialties such as Aerodrome Inspector, Air Navigation Inspector, Aviation Security Inspector, and Air Transport Inspector. This implementation

is guided by the Minister of Transportation Regulation no. PM 118 of 2015 regarding Inspector Training System for DGCA Inspectors.

3. **CONCLUSION**

3.1 The DGCA is committed to implement the Inspector Training System, in accordance with ICAO standards to enhance civil aviation safety. This enables DGCA to improve the inspector's capabilities and fosters capacity building.

3.2 Indonesia considers cooperation with ICAO important and other global training providers as key partners for significant progress on Inspector Training System implementation and for DGCA Inspectors performance.

3.3 Indonesia considers that it may be useful for ICAO to provide more guidance regarding Inspector Training System for CAA Inspectors, which can be followed by ICAO Contracting States.

— END —