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ENHANCING THE LEVEL OF AVIATION SECURITY BY PROVIDING HIGH QUALITY TRAINING

(Presented by the Republic of Korea)

SUMMARY

This paper provides information on the National Civil Aviation Security Training Programme (NCASTP) of the Republic of Korea and the approved training organizations which are providing aviation security training in accordance with the provisions of the NCASTP.

The purpose of the NCASTP is to provide systematic aviation security training to airport operators and airlines based on Annex 17 to the Convention on International Civil Aviation. On this concept, the Approval and Operation Standards for the Security Screening Training Organization was established by the Ministry of Land, Transport and Maritime Affairs for the approval and management of the aviation security training organizations.

17,008 trainees graduated from the Human Resource Development Academy of the Incheon International Airport Corporation between 2003 and 2009, and 11,187 trainees graduated from the Aviation Security Training Centre of the Korea Airports Corporation (KAC ASTC) in the same period. In order to provide participants from other Member States with opportunities to experience the high quality of aviation security training organizations, KAC ASTC was endorsed by ICAO for aviation security training in September 2010.

1. INTRODUCTION

1.1 The Republic of Korea (ROK) developed and implemented a National Civil Aviation Security Training Programme (NCASTP) on 13 February 2004 in accordance with the provisions of the Aviation Safety and Security Act.

1.2 The NCASTP is comprises: the aviation security (AVSEC) training policy; responsibilities of the government and relevant entities; certification of instructors; training of airport operators and airlines; operational training; record keeping; and audits.

1.3 The Ministry of Land, Transport and Maritime Affairs (MLTM) has implemented the NCASTP, and it approves and manages the AVSEC training organizations with the Approval and Operation Standards for the Security Screening Training Organization which has been established in accordance with the NCASTP.

2. NATIONAL CIVIL AVIATION SECURITY TRAINING PROGRAMME (NCASTP)

2.1 Goals of the NCASTP

2.1.1 The purpose of the NCASTP is to provide systematic AVSEC training to airport operators and airlines based on Annex 17 to the Convention on International Civil Aviation. On the basis of this concept, the NCASTP has been developed and implemented.

2.1.2 The goals of the NCASTP are:

- a) standardizing AVSEC quality;
- b) enhancing the AVSEC level when a threat arises;
- c) responding to recent changes in AVSEC;
- d) developing a rapid response ability to emergency situations;
- e) maintaining the AVSEC system on the basis of international standards;
- f) training AVSEC agents to have a strong practical ability; and
- g) enhancing the security awareness of AVSEC personnel.

2.2 Implementation of the NCASTP

2.2.1 According to the NCASTP, in order to become an approved AVSEC training organization, minimum requirements such as a facility, equipment, and instructors should be met and an application submitted to the MLTM. After assessment of the submitted documents and on-site visits, the MLTM issues a certificate of approval to the AVSEC training organization.

2.2.2 AVSEC training is categorized into four types: initial; on-the-job (OJT); recurrent; and special. Initial training is for newly employed staff and OJT is for graduates of the initial training, providing simulated works, observation and actual works. Recurrent training is normally to provide knowledge and skills on new regulations and equipment.

2.2.3 The NCASTP specifies the minimum training hours for each course. For example, the screeners must be provided with 40 hours of initial training and 80 hours of OJT, as well as eight hours of recurrent training each year. Screening supervisors must be provided with eight hours of initial training and eight hours of recurrent training each year.

2.2.4 The NCASTP also states the minimum qualifications for instructors of AVSEC training courses, which are at least: three years of experience in AVSEC operations; three years of experience in AVSEC equipment maintenance; graduate of training provided by the AVSEC equipment manufacturer; or graduate of instructor course provided by the approved AVSEC training organization or AVSEC institutes of ICAO or other States. The approved AVSEC training organization shall have at least three dedicated instructors (each instructor must provide training 20 hours or less per week), one administrative staff, and one assistant instructor.

2.2.5 AVSEC training organizations must maintain the training records of all participants, and the government inspectors' training records are kept and managed by the National Aviation Resource Management Information System (NARMI) which is operated by the MLTM.

3. REQUIREMENTS FOR THE APPROVAL OF AVSEC TRAINING ORGANIZATION

3.1 The MLTM established the Approval and Operation Standards for the Security Screening Training Organization in accordance with the NCASTP, and on the basis of these Standards, the MLTM is thoroughly managing and supervising the training organization in order to prevent disorder and loss of quality.

3.2 The approved AVSEC training organization must have classrooms, a library, practical training rooms, sanitary (health) facilities such as rest rooms, and water-supply facilities. It is also required to fulfil the condition to be able to conduct OJT on-site of the airport for graduates of the Screener Certification Course.

3.3 Moreover, the AVSEC training organization shall have more than one piece of x-ray, walk-through metal detector (WTMD) and hand-held metal detector (HHMD), CBT, and more than ten types of training material.

3.4 The AVSEC training organization should also set the test subjects, procedures and methods, evaluation criteria, record keeping, supervising and grading. Each trainee must attend more than 90 per cent of the classes, and acquire 80 points out of 100 in order to graduate.

4. AVSEC TRAINING ORGANIZATION IN THE REPUBLIC OF KOREA

4.1 Currently, in the ROK, there are two approved AVSEC training centres; the Human Resource Development Academy of the Incheon International Airport Corporation (IIAC HRDA), and the Aviation Security Training Centre of the Korea Airports Corporation (KAC ASTC). Further, the Aviation Safety Institute of the Korea Aerospace University is approved for the training of flight safety and security standards.

4.2 The IIAC HRDA and the KAC ASTC mainly conduct specialized AVSEC training, such as initial, OJT and recurrent training for screeners and aviation guards, and specialized training, including training for Explosive Ordnance Disposal (EOD) agents, etc.

4.3 The IIAC HRDA was approved by the MLTM in January 2003 when it was operated under the former name of the Aviation Security Academy. For seven years until 2009, it graduated 17,008 trainees. The IIAC HRDA is also planning to graduate 2,975 trainees in 2010, operating 24 courses, including the Screener Certification Course. In particular, the IIAC HRDA was restructured to have dormitory facilities in June 2008 to provide convenient accommodation to trainees.

4.4 The KAC ASTC was approved by the MLTM in April 2003. For seven years until 2009, it graduated 11,187 trainees. The KAC ASTC is also planning to graduate 1,879 trainees in 2010, operating 20 courses, including the Screener Certification Course. In addition, the KAC ASTC upgraded its computer-based training and it has provided specialized courses for air cargo screeners since January 2010.

4.5 The Aviation Safety Institute of the Korea Aerospace University was established in order to provide training for aviation safety and security and was approved by the MLTM. It conducts AVSEC training courses, which were developed to fulfil special needs at a higher level, for government inspectors and directors/supervisors of airport operators and airlines.

5. EFFORTS FOR FURTHER IMPROVEMENT OF AVSEC TRAINING

5.1 The ROK has established and implemented the NCASTP and is making every effort in order to enhance the quality and efficiency of aviation security training.

5.2 For the convenience of non-security staff working in airports, e.g. those who are not screeners, security supervisors or security directors, the ROK is in the process of developing a cyber on-line training programme. After a test period in 2010, this programme will be deployed nationwide.

5.3 In order to provide participants from other Member States with opportunities to experience high quality AVSEC training organizations, the ROK strived to achieve the ICAO endorsement towards the KAC ASTC for the AVSEC training. In July 2008, the KAC ASTC was successfully assessed by ICAO, and in September 2010, it was endorsed by ICAO for the AVSEC training.