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**Information Paper 13**

**AVIATION SAFETY IT SYTEM (SMIS) AND TECHNICAL SUPPORT**

(Presented by Republic of Korea)

**EXECUTIVE SUMMARY**

Following information paper is to introduce electronic Aviation Safety Information Technology (IT) system developed by Republic of Korea; that is currently being disseminated to member states free of charge. In addition to providing the system, ROK is providing instructors and technicians to assist the member states to utilize the programme. ROK will continue its' effort in improving the computer programme as well as in providing technical assistance such as technicians and instructors to the nations upon request; thereby contributing in ICAO's "No Country Left Behind" initiative.

**1. INTRODUCTION**

1.1 To effectively and efficiently manage ICAO's SARPs (Standard And Recommended Practices), Republic of Korea (ROK) began developing an electronic Aviation safety Information Technology (IT) system since 2006. By utilizing the system, ROK has achieved satisfying results in ICAO USOAP CSA

1.2 Since 2010, ROK has been sharing Aviation safety IT systems to all the member states upon request and at the same time ROK has been providing technical support and workshop since 2012 at ROK's expense.

**2. ELECTRONIC AVIATION SAFETY TOOLS**

2.1 ROK has continuously upgraded and developed Aviation safety IT tools (SMIS) in accordance with changes in ICAO USOAP CMA. As of 2015, ROK has introduced upgraded version of SMIS 4.0 and SOMS 2.5.

2.2 The new system has enhanced inter-operability of ICAO OLF (on-line framework) and FAOSD which increased end-user's convenience and efficiency.



2.3 In particular, SMIS features function that allows upload of approximately 10,000 SARPs provision and 1,000 PQs (Protocol Questionnaires) to ICAO CMA OLF with few clicks from the computer; which enhances efficiency and convenience of (a) personnel in charge of preparing for USOAP. For these reasons, ROK has and currently receives inquiries from many member states.

2.4 To accommodate demands of our neighbouring member states, ROK has introduced English version of SMIS and SOMS programme and disseminated to those member states that requested the programme. In addition to providing the system, in order for recipient States to utilize the system properly and accurately, ROK has provided technician and instructors to the states at ROK's expense.

2.5 Thus, ROK has invited safety related officials from ICAO member states to provide not only SMIS training but also ICAO USOAP CMA workshop in 2012 to 2015. In 2016, ROK has further developed a training programme where it provides workshop on SMIS and ICAO USOAP CMA in cooperation with ICAO.

### 3. CONCLUSION

3.1 ROK will continue invest in development of both systems thereby contributing to enhancement of global aviation community. Thus, provide enhanced and practical training materials and tutorial sessions to utilize SMIS for all member states that are experiencing difficulties in conducting ICAO USOAP CMA.

3.2 At the same time, in cooperation with ICAO, ROK will further develop its training programme and computer programme that meets the need of member states' request.

3.3 ROK will actively participate in ICAO's "No Country Left Behind" initiative and ROK asks for member states' attention on ROK's electronic aviation safety information Technology (IT) system.

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