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**Information Paper 12**  
**INTRODUCTION OF KAC'S AIRPORT PAVEMENT MANAGEMENT SYSTEM**  
*(Presented by Korea Airports Corporation)*

**SUMMARY**

The purpose of this paper is to provide an information relating to basic concept and operating principle of the Airport Pavement Management System (APMS) developed by Korea Airports Corporation (KAC) and share the importance of APMS in the field of aviation safety.

**1. INTRODUCTION**

1.1 The Airport Pavement Management System is operated to manage the pavement safely and economically by determining the optimum maintenance timing and maintenance priority. ICAO and FAA recommend the implementation of the pavement evaluation at each airport and the airport operator is focusing on maintenance of Runway, Taxiway and Apron for safe operation of aircraft through Pavement Management System operation.

1.2 Korea Airports Corporation developed its own Airport Pavement Management System in 2002 and has been operating so far. In addition, Korea Airports Corporation is also conducting ongoing research to upgrade the Airport Pavement Management System.

1.3 This paper provide an information relating to basic concept and operating principle of the Airport Pavement Management System developed by Korea Airports Corporation and share the importance of Airport Pavement Management System in the field of aviation safety.