

**ATHENS INTERNATIONAL AIRPORT:
PROPER MAINTENANCE AND MANAGEMENT OF AIRFIELD
PAVEMENTS SERVES FOR SMOOTH AIRPORT OPERATION**

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ABSTRACT

Athens International Airport (A.I.A.) “Eleftherios Venizelos” “movement area” comprises of two parallel runways, a system of primary and secondary taxiways, a large apron, a heliport and several other areas that serve aircrafts, ground service equipment vehicles, etc. All these airfield pavements cover an area of approx. 2.900.000 m² and they are constructed of flexible and rigid pavements.

Within the framework of the thorough and continuous maintenance of all civil structures and infrastructures, A.I.A.’s Technical Services Department has implemented the specialized airport pavement management system “Airpave”, which is updated annually, based on the careful and close inspection of all pavements of the airport’s movement area.

Following the completion of the airfield pavements inspection, as well as the detailed analysis and evaluation of the gathered data, the above mentioned pavement management system leads to the financially and technically optimized and rational treatment of all future pavement problems.

The continuous and consistent maintenance of A.I.A.’s airfield pavements is an utmost important factor which has contributed to the smooth operation of the airport, the safety of flights and the easy transport and service of passengers.

KEY WORDS: Airport, pavement management, inspection, condition, service level.