King County International Airport
Boeing Field

PLANE TALK

New Pavement Management Maintenance Program in the works

KCIA will develop a comprehensive Pavement Management Maintenance Program by the end of the year, led by the Airport's newly hired Pavement Engineer, Mohamed Nimeri.

Pavement continually deteriorates from day one. The main purpose of a PMMP is to extend the life of the pavement with cost-effective, proactive measures, instead of reacting to potholes and other pavement problems. Preventive maintenance keeps a system performing at its best, prevents the system breakdown, and extends its useful life.

Pavements are a valuable asset for every airport. When an operator plans to fly a new aircraft at an airport, they ask what the runway Pavement Classification Number (PCN) rating is. This rating helps determine whether the pavement can handle the aircraft. The Pavement Classification Number (PCN) and the Aircraft Classification Number (ACN) is a system used to report the bearing strength of airfield pavement. This represents one aspect of airport pavement management system.

The main objective of an airport pavement management system is to help the airport management make the best cost-effective decisions about the preservation, maintenance, and rehabilitation of pavements at the airport. The terms pavement management system (PMS), pavement management program (PMP), and pavement maintenance-management program (PMMP) are interchangeable.

KCIA prepares to accept credit card payments

King County is making it easier for customers to do business by using electronic payments. As part of this effort, KCIA will begin accepting credit card in 2020.

We already accept direct ETFs (electronic funds transfers) and customers pay from traditional checking accounts with online checks. We get requests every month to take credit card payments and we understand that credit card program will be a welcome improvement in convenience and efficiency.

Our transition later this year will start with implementing point-of-sale devices: hand-held card readers and perhaps a self-pay kiosk located at transient aircraft parking. Next year there will be barcodes on airport invoices for secure credit card payment application and online payment options. The standard county transaction fee will apply. More details will be available from the airport's Finance office as the program moves forward.

Red Arrows dazzle under cloudy skies

The sky over KCIA-Boeing Field was awash in blue, white, and red smoke on September 23 as the Royal Air Force Red Arrows flew in for a short visit.

Local media covered the arrival, including live helicopter shots from overhead.

The aerobatic team, the British version of the U.S. Navy Blue Angels, are making several stops on this side of the Atlantic as part of their first North American tour in a decade.

The Red Arrows team paid a visit to the Museum of Flight and met with students at Raisbeck Aviation High School during their stop. After a brief overnight stay in Seattle, the Red Arrows jetted off for engagements in Victoria and Vancouver, BC.

Kenmore Air Express continues legacy of service

Kenmore Air Express (KAE) – an extension of Kenmore Air – continues the rich legacy of customer service and air transport that began as a float plane operation at Kenmore Air Harbor in 1946. The carrier began flying out of King County International Airport in 2006, and provides:

- Year-round scheduled service to Friday Harbor and Orcas East Sound Airports.
- Charter flights to a variety of destinations throughout the Pacific Northwest.

KAE operates three Cessna 208 Caravans and has more than 22,000 boardings annually. Inclusive of customer service agents, mechanics and pilots, KAE employs more than thirty people. The company mission to work with colleagues and customers with exceptional friendliness, honesty, and fairness continues with the operations supported by Kenmore Air Express.

Did you know?

- There are 278 miles of painted lines at the Airport, enough to paint a continuous line from Seattle to Spokane.

- KCIA has more than 7 million square feet of greenspace, the equivalent of football fields.

- There's enough fencing and lighting circuitry to wrap around Lake Union three times (each over 15 miles worth).

- The tallest tree at the airport, near the terminal entrance, is 68 feet.

- King County International Airport maintains 94 fire hydrants for 101 buildings (close to 1.5 million square feet of indoor space).

- Boeing maintains 65 fire hydrants for 121 buildings (more than 400,000 square feet of indoor space).

- That's a total of 159 fire hydrants for 222 buildings (nearly 2 million square feet of indoor space), all within King County International Airport property.

Getting you accurate data for informed decisions

Geographic Information Systems

Geographic Information Systems (GIS) is a framework for gathering, managing, and analyzing data. It analyzes spatial location and organizes information using maps and mapping applications. It allows the viewer to get a spatial sense of that information. For example, it would be very difficult to navigate around an unfamiliar place, like an airport, national park, or transit system without a map. The real power of GIS is its ability to help people make data-driven decisions by revealing deeper insights into data such as patterns, relationships and correlations. An example would be mapping different types of hydrants at an airport to better understand the hydrant system.

Business Information Management

The mission of the KCIA's Business Information Management (BIM) section is to deliver accurate and reliable business data, geospatial information, and tools. Our team improves business processes and data-driven decision-making through workflow analysis, business solutions applications, and high-quality GIS services. By leveraging the power of geospatial data, BIM expands the impact of shared information with data management, data standardization, and maps and applications development. Some of the business solutions systems the airport relies on are:

- Cityworks (GIS-centric Asset Management System)
- LiGO (Automatic Vehicle Location)

- PAVER (Pavement Management System)
- C-Cure (Access Control System)
- EnvironmentalVue (Noise Monitoring System) and
- Everbridge (Mass Notification System).

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