



BENEFITS

- Easily accessible pavement data
- Scenario-based analysis
- Capital expenditure planning
- Quickly toggles between pavement sections, data and conditions, work history, and more
- View pavement deterioration and estimated repair costs over time

FUNCTIONALITY

- Proactively manage your airport pavement program
- Easily integrated with your Airport Capital Improvement Plan
- Predictive modeling tracks and monitors pavement deterioration
- Organizes pavement construction histories, record plans, and maintenance activities
- Document repository management with up-to-date visuals and reports
- Excellent tool for agency coordination

FEATURES

- Cloud based
- GIS map based on data from Micro-PAVER software
- Customizable to meet your airport's needs



The AVIAS RUMBLE - Pavement Management application allows airports and funding agencies to establish priorities and programs to address the required rehabilitation of airfield pavements.

The **AVIAS RUMBLE** Pavement Management application combines the GIS portion of an interactive map with data MJ collects to conduct timely and cost saving pavement studies.

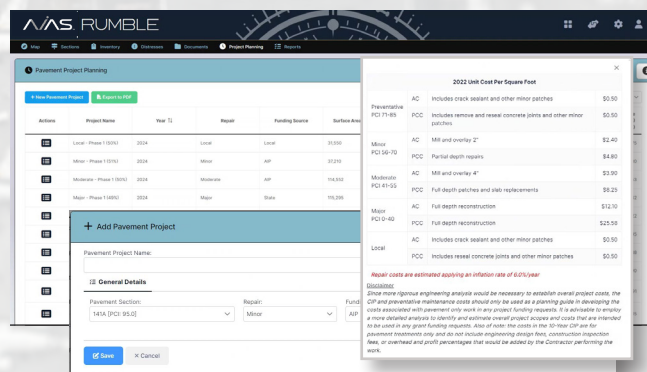
The unique ability to toggle individual pavement sections at your airport allows your staff instant access to current and historical information on deterioration rates, pavement conditions, distresses associated with the pavement, work history, notes, and any related photographs or attachments relevant to the related pavement section.

RUMBLE has a customizable pavement inventory of runway, surface area, taxiways, and aprons and will display the current, as well as historical Pavement Condition Index Value data.

With the provided data, airport staff will optimize their short- and long-term capital planning initiatives.

This is made easier with our Project Planning feature, built so your airport management can add, remove, and prioritize projects in the years and dates they see fit. The Project Planning feature breaks down costs by square foot for preventative, minor, moderate, and major projects and can compare repair costs by time if not completed.

RUMBLE has the ability to adjust for inflation rates, so your team will have access to the current costs associated with your project.



Prioritize projects and adjust for inflation.

TECHNICAL SPECIFICATIONS

- Version: 3.0
- Cloud-based
- Data hosting via AWS
- Uses Esri-based maps or user-defined sources
- Customizable interface and functionality based on users needs
- Customizable user scenarios based on user input or planning data
- User defined filter and search fields for data access
- Long term support and data maintenance options
- Basic system requirements:
 - High speed internet connection
 - Modern web browser such as *Google Chrome, Microsoft Edge, or Mozilla Firefox*
 - McFarland Johnson recommends updating your browser to the latest stable release
 - Your browser must be set to accept cookies



Simulate PCI deterioration over time



View pavement sections by distress type

LEARN MORE ABOUT AVIAS

Scan the QR Code for an overview video of AVIAS or go to: mjinfrasolutions.com/AVIAS to learn more about AVIAS and the full suite of Airport Management Solutions.



AVIAS Suite of Airport Management Applications

- AEROCLEAR** - Obstruction Analysis
- CAPLAN** - Airport System Planning
- DAT** - Dynamic Analysis
- INSPECT** - Airport Inspection & Asset Management
- RUMBLE** - Pavement Management
- SITES** - Land Development

CONTACT US



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Branch	Surface	Section	Section Time Area	PCI
Taxiway N	SPC	SPC2	25,423	100
Taxiway B	PCC	B12	25,970	100
Taxiway N	PCC	N7A	19,320	100
Taxiway R	PCC	R4	19,820	100
Driveway 10 Center	PCC	DP1C1	127,700	99
Runway 10 Center	PCC	C4L_RVW	79,960	98
Runway 10 Center	PCC	C42	36,720	98
Runway 14-32	PCC	S41B	72,980	98
Runway 14-32	PCC	S41B	52,880	98
Taxiway C	PCC	C2	152,975	98
Taxiway N	PCC	N33	31,020	98
Taxiway N	PCC	N43	34,280	98
Runway 10 Center	PCC	C43	36,720	97
Runway 14-32	PCC	S47A	97,720	97

Cloud-based platform, access anywhere, anytime, on any device.