



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.

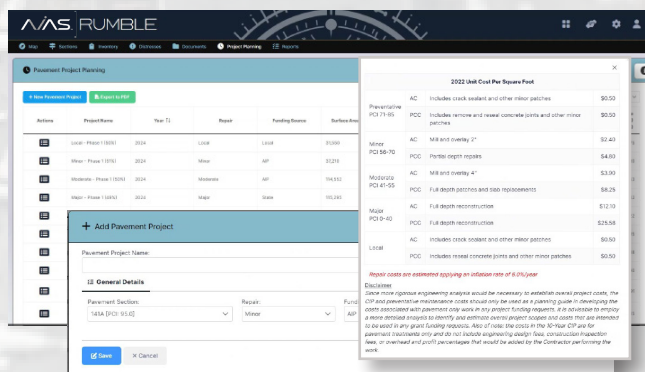
The unique ability to toggle individual pavement sections at your airport allows your staff instant access to current and historical information on deterioration rates, pavement conditions, distresses associated with the pavement, work history, notes, and any related photographs or attachments relevant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



RUMBLE PAVEMENT MANAGEMENT



TECHNICAL SPECIFICATIONS



CLOUD-BASED

Access anytime, anywhere with no on-premise installation required



RELIABLE & SCALABLE

Hosted on Amazon AWS for industry-leading security, performance, and uptime



CROSS-BROWSER COMPATIBLE

Works seamlessly on all modern web browsers—no special setup required



SECURE & ENCRYPTED Protected with HTTPS for safe and reliable data transmission



ROBUST STORAGE

Backed by Amazon S3 for scalable, durable, and high-performance data management

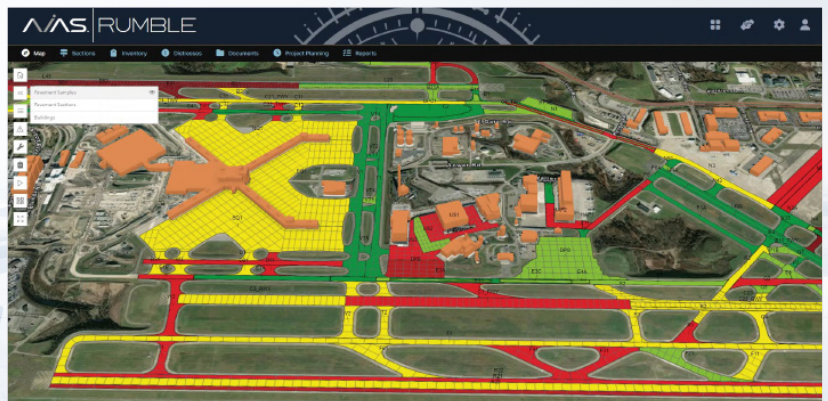


POWERED BY ESRI

Proven GIS technology for accurate mapping and spatial analysis



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

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

Branch	Surface	Section	Section True Area	PCI
HOLD ROAD N	APC	HP102	33,410	100
TAXIWAY B	PCC	B12	25,970	100
TAXIWAY N	PCC	N7A	19,310	100
TAXIWAY R	PCC	R4	18,800	100
DESIGN PAD C	PCC	DP11	327,700	99
RUNWAY 10 Center	PCC	C10_100FT	79,880	98
RUNWAY 10 Center	PCC	C42	36,720	98
RUNWAY 10-32	PCC	1418	72,880	98
RUNWAY 10-32	PCC	1468	51,880	98
Taxiway C	PCC	C2	252,970	98
Taxiway N	PCC	N23	31,020	98
Taxiway N	PCC	N43	34,380	98
RUNWAY 10 Center	PCC	C43	36,720	97
RUNWAY 10-32	PCC	147A	97,720	97

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

CONTACT US



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