

AVIAS AEROCLEAR is a simple, map-based application that has been a favorite of airports across the country in managing their current and future airport obstructions.

Tracking and mitigating obstructions such as trees, light poles, fences, and temporary structures in and around your airport is crucial for ensuring safe operations. AEROCLEAR, a pivotal component of the AVIAS suite, is your comprehensive resource for visualizing, identifying, tracking, and analyzing obstructions, now enhanced with the capability for users to define and place their own obstructions. This new feature allows for an in-depth assessment of potential impacts to airspace surfaces, providing a dynamic and interactive approach to obstruction management.

Utilizing the latest GIS data and obstruction survey results, AEROCLEAR offers a robust platform that integrates 3D mapping to pinpoint obstructions within a defined radius of your airport, including a historical view of mitigated obstructions for a comprehensive understanding of airspace changes over

time. The application also includes a growth rate tool to forecast the future growth of natural obstructions like trees, aiding in proactive planning and mitigation strategies.

Furthermore, AEROCLEAR's enhanced visualization capabilities allow for the generation of detailed imagery of current and potential obstructions. This feature is invaluable for airport meetings and public outreach, enabling stakeholders and residents to visually grasp the significance of obstruction mitigation efforts, thereby fostering a deeper understanding and support for necessary actions to maintain safety and compliance with FAA regulations.

BENEFITS

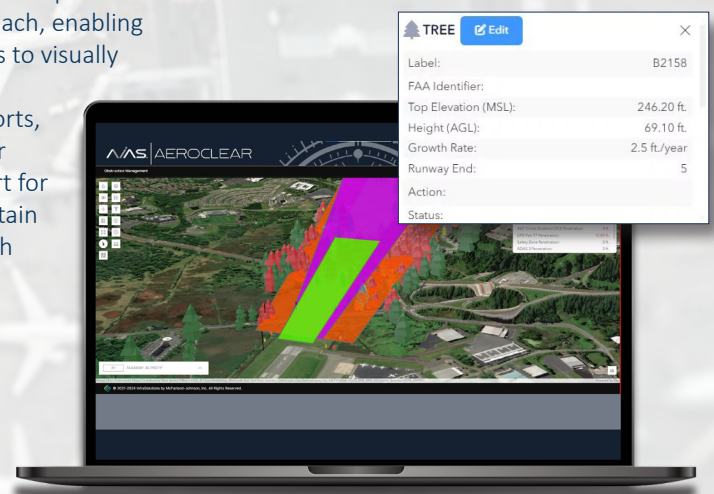
- Visual indicator of airspace surface obstructions
- Instantly predicts tree growth over time
- GIS Data Interface
- Interactive map based tool
- Simple, intuitive, organized

FUNCTIONALITY

- Proactively manages the obstructions at your airport
- Predictive modeling tracks and monitors obstructions over time
- Simulates takeoffs and landings
- Creates visuals for public engagement and agency coordination

FEATURES

- Updates data in the field
- Cloud-based
- 3D, GIS user interface
- Centralized database
- Customizable to meet your airport's needs

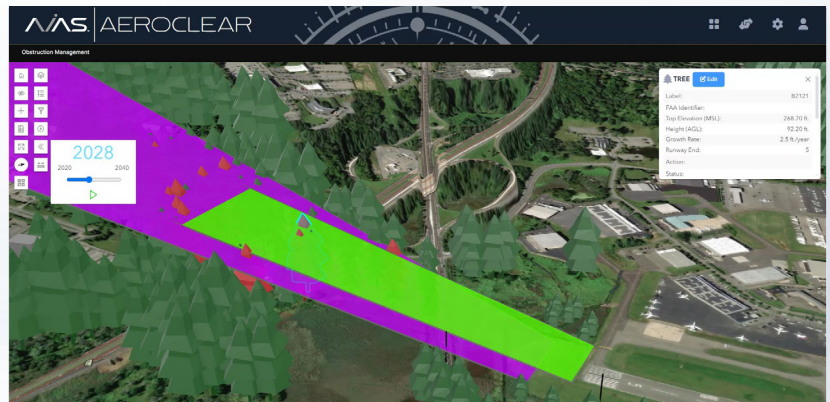


Built-in tree growth rate tool and survey data quickly identifies key attributes of any obstruction.

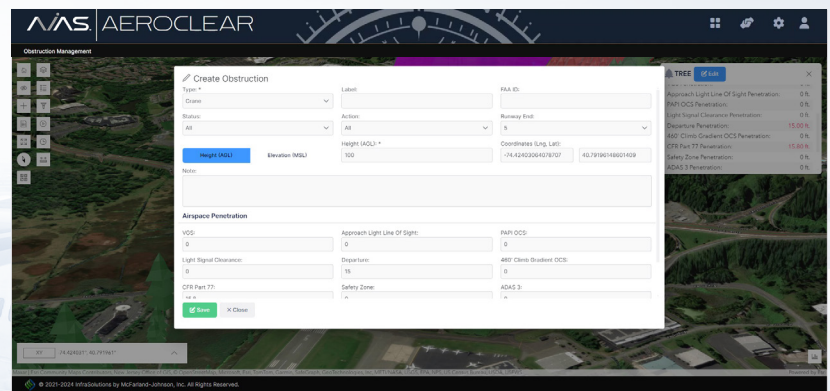


TECHNICAL SPECIFICATIONS

- 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



Predictive analysis allows you to visualize obstructions over time.



Create unique obstructions and update data to meet FAA requirements

Obstruction Action Plan: Obstructions				
High Risks				
#	Type	Penetration	Status	Runway
Mid Risks				
#	Type	Penetration	Status	Runway
Low Risks				
#	Type	Penetration	Status	Runway
81340	TREE	0		5
81341	POWER LINE	0		5
81342	TREE	0		5
81343	TREE	0		5
81344	TREE	0		5
81345	POLE	0		5
81346	BUILDING	0		5
81347	POWER LINE	0		5
81348	POWER LINE	0		5
81349	TREE	0		5
8135	TREE	0		5
81350	TREE	0		5
81351	TREE	0		5
81352	TREE	0		5
81353	TREE	0		5
81354	TREE	0		5
81355	POLE	0		5
81356	TREE	0		5
81357	BUILDING	0		5
81358	POLE	0		5

Generate reports and action plans, anywhere, anytime, on any device.

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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