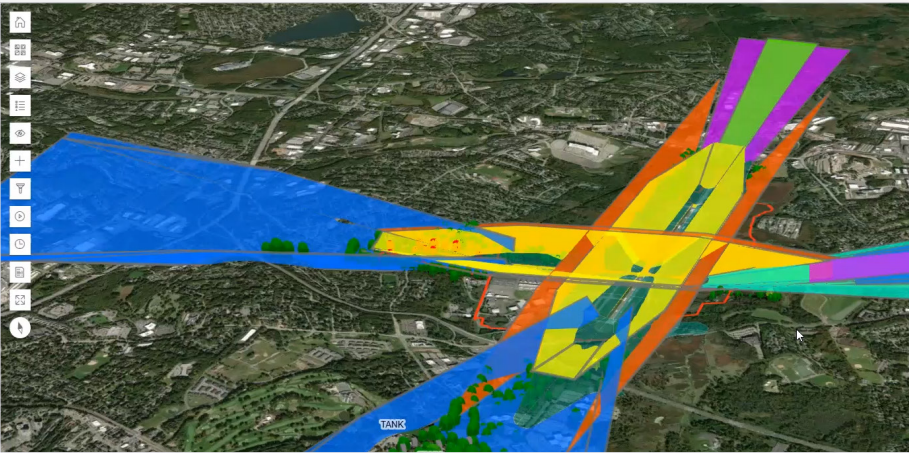




DYNAMIC ANALYSIS TOOL

OBSTRUCTION ANALYSIS



The Dynamic Analysis Tool - Obstruction Analysis is an interactive three-dimensional map to visualize, identify, track, and analyze obstructions in and around your airport.

The **Dynamic Analysis Tool - Obstruction Analysis** utilizes fully enabled GIS maps with your most recent obstruction survey results to assist your operations staff in properly managing FAA regulated obstructions surrounding your airfield.

This 3D interactive map allows you to visualize, identify, track, and analyze obstructions including such as trees, light poles, fences, and even temporary obstructions within a defined radius on and off airport property.

Our predictive obstruction tool has a built-in growth rate feature allowing you to track tree growth over time. Utilizing historic data, and annual growth rates, your airport staff can quickly identify which trees will become obstructions in the future.

The Obstruction Tool can also be used to generate imagery of obstructions for use at airport meetings and public outreach events, allowing community residents and stakeholders to visualize the obstructions and better understand the need for mitigation to help ensure safe operation of your airport.



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

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
- Updates data in the field

FEATURES

- Cloud-based
- 3D, GIS user interface
- Centralized database
- Can be integrated with the Dynamic Analysis Tool
- Customizable to meet your airport's needs

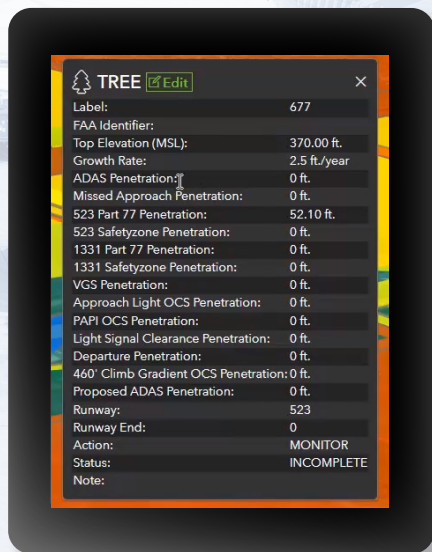
Our simple, intuitive, and organized map-based tool has been a favorite of airports across the country in managing their current and future airport obstructions.

DYNAMIC ANALYSIS TOOL

OBSTRUCTION ANALYSIS

TECHNICAL SPECIFICATIONS

- Version: 2.0
- InfraSolutions Integration
 - Dynamic Analysis Tool
- 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



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



Predictive analysis allows you to visualize obstructions over time.



Adjust views by airport assets, obstruction type, and more.

LEARN MORE ABOUT THIS SOLUTION

Scan the QR Code with your phone's camera or go to: mjinfrasolutions.com to view a short demo of this and other Dynamic Analysis Tools.



Other InfraSolutions and Dynamic Analysis Solutions

- Dynamic Analysis Tool
- Land Management
- Pavement Management
- Statewide System Planning
- Part 139 Inspection Tool
- Visualizations & UAV

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