INFRASOLUTIONS
PART 139 INSPECTION TOOL

InfraSolutions®
by McFarland Johnson

BENEFITS

- Maintains historical inspection tracking and approval
- Simplifies airfield asset management
- Interfaces with 3rd party work order systems
- Cost effective

FUNCTIONALITY

- Intuitive Part 139 dashboard keeps airfield conditions, work orders, and other details at your fingertips
- Work Order management allows you to create, assign, and track work orders
- Electronically stores asset data, images, and notes in a centralized database
- Exports inspections to FAA document formatted PDFs

FEATURES

- Cloud-based, mobile friendly, integrated application eliminates manual record keeping from the airfield to the desktop!
- GPS pinpoints your real-time location during airfield inspections
- Can be integrated with InfraSolutions' Dynamic Analysis Tool
- Customizable user interface to meet your airport's needs
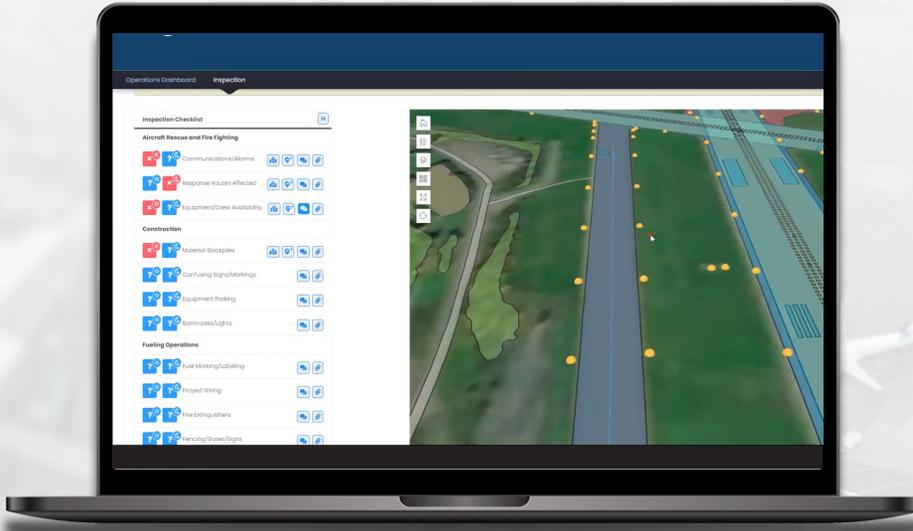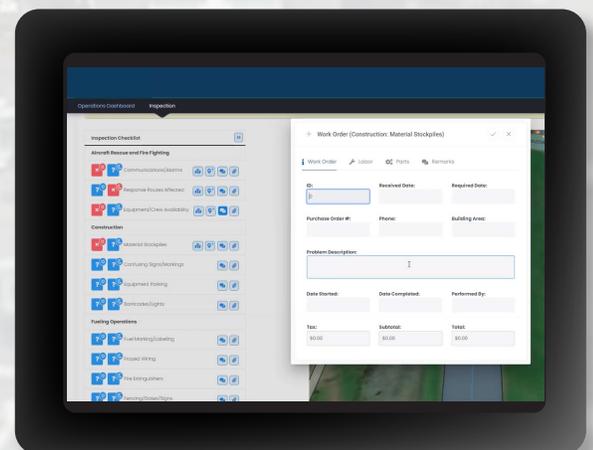
InfraSolution's Part 139 Inspection Tool provides airport owners and operators everything they need to actively manage their ongoing Part 139 inspections and operational maintenance processes with confidence.

McFarland Johnson's Part 139 Inspection Tool is an integral piece to maintaining smooth operations at your airport. Your operations staff can use our inspection tool to conduct, manage, and maintain self inspections, continuous surveillance inspections, periodic condition inspections, mobile fueler inspections, fuel storage area inspections and special inspections, and can be customized to provide elements specific to your airport.

Harnessing historical inspection data and approvals while utilizing real time elements on your airfield, airport staff will be able to track and analyze ongoing and past inspections.

Work orders can be quickly generated and prioritized, and can be integrated with existing 3rd party work order systems for a cost effective, reliable, and seamless solution.

GPS orientation built into the system pinpoints your real-time location and allows your team to upload from their mobile devices any images, texts, or attachments related to their current inspection.

Our inspection tool also allows you to quickly launch the FAA's NOTAM Manager to post airport conditions notifying incoming pilots of runway conditions, weather, and other potential hazards.

Create, route, and track Work Orders
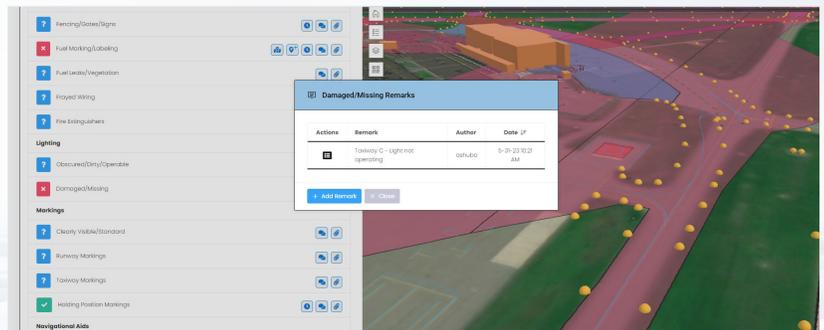
TECHNICAL SPECIFICATIONS

- Version: 1.0
- 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
- User defined filter and search fields for data access
- Long term support and data maintenance options
- Developed based on actual Part 139 Inspection activities with airport operators.
- Tracks inspection activities from shift to shift, requires approval for remedies
- Links to FAA NOTAM Manager
- Interfaces with Weather Service
- Generates Work Orders
- Interfaces with 3rd Party work order management systems
- Basic System Requirements
  - High speed internet connection
  - Modern web browser such as *Google Chrome, Microsoft Edge, or Mozilla Firefox*
  - MJ uses and recommends the *Google Chrome* browser
  - MJ recommends updating your browser to the latest stable release
  - Your browser must be set to accept cookies

The Operational Dashboard provides a snapshot of airfield assets and maintains data for monitoring and reporting

The Checklist Dashboard centralizes inspection data. Electronically update assets, create work orders, and eliminate paper and pen!

Quickly launch FAA NOTAM Manager to post Airport Conditions

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 Development
- Pavement Management
- Predictive Obstruction Analysis
- Statewide System Planning
- Visualizations & UAV Services

CONTACT US

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