



### Safety:

/ FAA Tested  
/ FAA Part 139 & ICAO  
compliant

### Reliability:

/ Solid-state construction  
/ 100% detection in all  
weather conditions

### Cost:

/ Maximizes airport efficiency  
by reducing runway downtime  
/ Minimal system upkeep costs

FOD Finder™ is a revolutionary technology used by airports to combat against the estimated \$4 billion USD in damage and loss of aircraft utilizations.

### The only government-approved FOD solution designed, engineered, and manufactured in the United States.

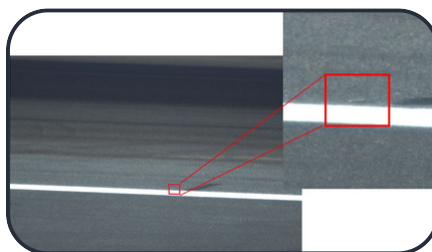
- **Clear visibility, 24/7** – Operates through rain, snow, and sand for uninterrupted runway and taxiway monitoring.
- **Dual-Technology Advantage** – In-house AI-driven optical system augments phased-array millimeter - wave radar Foreign Object Debris (FOD) detector.
- **Ultra-Fast Detection** - Detects FOD in less than one minute, ensuring airfield safety between each aircraft movement.
- **No False Alarms** – AI-enhanced camera provides visual confirmation and detailed cataloging of detections.
- **Smart Airfield Innovation** – Combines automation, data integration, and advanced AI to enhance safety and efficiency.



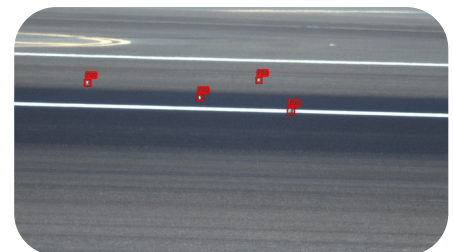
Clear Images



Unmatched Detection Performance



Automatic Detection Verification with  
AI-enhanced Cameras



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## REAL-TIME, UNINTERRUPTED RUNWAY FOD DETECTION SYSTEM

- **50 years of cutting-edge tech development** - Developed optics, lasers, radar, and telecommunications, with over 120 patented products.
- **Pioneers in smart airfield technology** - Dedicated to airfield safety with a focus on FOD detection.
- **American-made** – The only U.S.-engineered and manufactured FOD detection system
- **Unmatched detection capability** – The only system detecting runway FOD in under 60 seconds.
- **Essential for busy airports** – Rapid FOD detection between aircraft movements ensures every takeoff and landing is FOD-free
- **All-weather reliability** – Operates uninhibited through rain, snow, and sandstorms, ensuring 24/7 detection.
- **Modular design, minimal downtime** – Rapid installation and calibration. Each system component can be replaced in under 15 minutes if needed.
- **Regulatory compliance** – Meets and exceeds FAA and ICAO standards for FOD detection
- **FCC certified** – Ensures no interference with communication, navigation, or surveillance systems.

## Unmatched Performance

### Proprietary FOD Finder™ Features

#### Intuitive Operator Interface

- Airfield overview with audible and visual alarms
- Autonomous operation and reporting
- Minimal training required

#### Precise Displaying & Mapping

- Geotagging and logging of FOD and surface discrepancies
- Entire runway scan in <1 minute

#### Seamless Data Sharing and Storage

- Data and imagery shared between control tower, ground control and system operators in real time
- Compatible with asset management programs
- Secured with proprietary locks

#### Powerful Data Analytics Tools

- Heatmap for identifying FOD hotspots
- Intuitive FOD detection charts
- Various filtering options for fine-grained FOD detection analysis
- Detailed detection reports in PDF and CSV formats

