



FROM THREAT TO LOCATION

ADVANCED LASER DETECTION FOR AIRBORNE SAFETY

PROBLEM

Laser interference poses a significant threat to flight safety, particularly during critical phases like landing, as it can impair pilots' vision. This issue is increasingly common, demanding an urgent and effective solution. In the U.S., pilots report an average of 30 laser incidents per night, but the detection rate remains as low as 1% due to the lack of effective tracking methods.

SOLUTION

Our cutting-edge device accurately detects and geolocates laser attacks on aircrafts. By analyzing the angle of incidence between the aircraft and the laser source, the system pinpoints the attacker's location with high precision.

TECHNOLOGY

Geolocation: Determining the positions of the aircraft and laser attack site using precise angular measurements.

Photogrammetry: Leveraging images and geospatial data for pinpoint accuracy.

Geoinformatics: Utilizing high-precision maps and comprehensive databases.

BENEFITS

Enhanced Safety

Significantly improves flight security by swiftly and accurately pinpointing laser attack locations.

Increased Efficiency

Minimizes disruptions and potential harm caused by laser interference.

Cost Savings

Enables airlines to reduce expenses associated with laser attack incidents.

TARGET AUDIENCE

Our primary market includes airlines committed to enhancing flight safety and protecting against laser attacks.

CONTACT US

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