

Aircraft Birdstrike Avoidance Radar (ABAR)

Bird strikes are a critical aviation safety hazard, threatening aircraft, pilots, and passengers.

The annual cost to military and commercial aviation exceeds \$2 billion through aircraft damage, operational disruptions, and loss of life.

DeTect's Solution

Bird Detection Radar – typical installation



ABAR

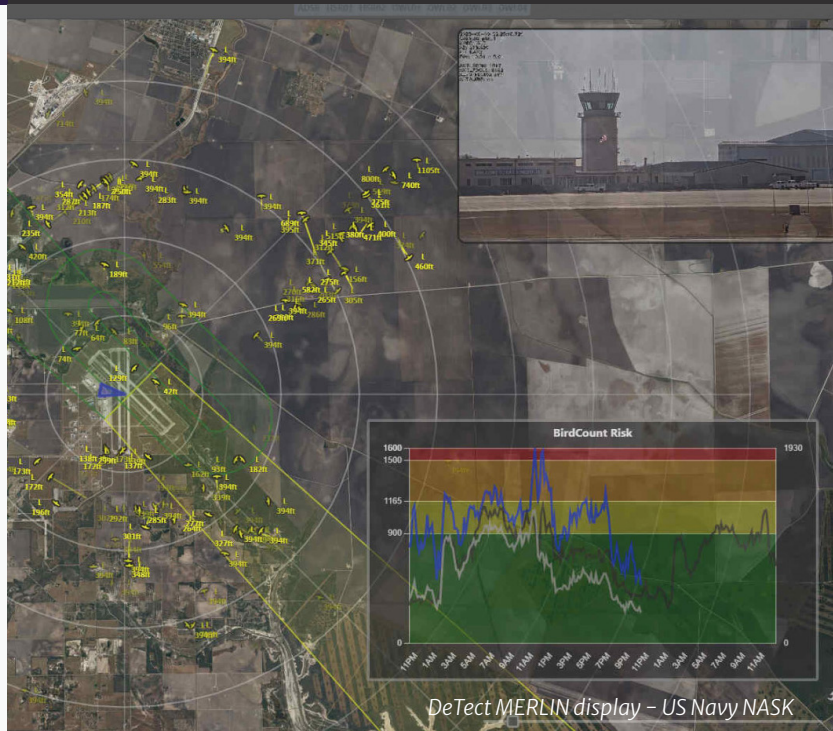
- True3D™ radar technology with the industry's fastest update rate
- Military-grade tracking algorithms
- Detection capability from ground level to aircraft operational altitudes
- Performance in challenging weather conditions
- Optional dual-function bird and drone detection capabilities



DeTect ABAR Radar Advantages

- Only system certified by US government (NASA and Air Force) for tactical flight safety
- Simultaneous multi-range support for Air Traffic Control, flight operations, and security
- Established record of high system uptime, high reliability and low maintenance and repair costs
- Reliable performance in fog, moderate rain, and snow
- Mobile information displays for airfield bird control units
- Real-time alerts to controllers and pilots
- Proven reduction in bird strikes and aircraft damage.
- Available for purchase, long-term lease and short-term rental, with or without DeTect operators
- Backed by established company with worldwide offices and 24-7 support

The MERLIN™ Bird Detection Radar (BDR) provides real-time tracking and alerting of hazardous bird and drone activity.



DeTect MERLIN display – US Navy NASK



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KingShaka - Air Traffic Controller



A 22 year Track Record of Success and Superior Service:

- Over 1,200 radar systems installed globally
- 15+ million operational hours logged
- Consistently high system reliability
- Industry-leading warranty and support coverage
- Flexible purchase, lease, and rental options
- Outstanding maintenance and support record

ABOUT DeTect, Inc.

DeTect is a global leader in advanced 2D and True3D radar and remote sensor technologies and systems, for aviation safety, security and surveillance, drone defense and environmental protection and renewable energy.

Over 1,200 radar systems have been delivered to the US, Canada, Europe, Africa and Asia since 2003.



Our Commitment:

DeTect provides comprehensive support through every stage of system implementation and operation:

- Custom site analysis and modeling
- Full engineering and installation support
- Tailored Concept-of-Operations development
- System integration into COP systems
- Specialized operational training
- Long-term 24-7 technical support



DeTect has manufacturing facilities in the US, Canada, Europe and Korea

With DeTect, customers are getting more than a system. Each DeTect product is supported by DeTect's team of application specialists who have extensive backgrounds and experience in systems design, manufacture, siting and, most importantly, integration and real-world operation.



DeTect Engineer On-site

At DeTect, we combine cutting-edge technology with unmatched expertise to deliver integrated solutions that **deliver the right radar for the job.**



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