

PRESS RELEASE

CANADIAN ADVANCED SECURITY RADAR TECHNOLOGY REDUCES BIRD STRIKE RISK

When the engineering team at **Accipiter Radar Technologies Inc.** originally developed its sophisticated tracking radars to detect small, maneuvering, uncooperative targets, the targets they had in mind were small, fast boats and low-flying aircraft used by terrorists and smugglers. Then, in 2003, visionary US Navy scientists seeking better radar solutions for tracking birds at Navy airfields became aware of Accipiter's high-performance and cost-effectiveness and made the connection that "small, maneuvering and uncooperative" described birds as well as it did terrorists.

The use of the Accipiter Avian Radar in the United States was pioneered by the US Navy and has since been installed at Navy, Marine Corps and Air Force bases from Alaska to the Carolinas including Elmendorf Air Force Base where a tragic crash due to a bird strike with a flock of Canada Geese killed an entire crew of 24 in 1995 and raised awareness of the risks of bird-aircraft collisions.

The high-profile crash of US Airways flight 1549 into the Hudson River on January 15th has attracted public interest in the risks of bird strikes to aircraft and generated dozens of articles in the press about new initiatives and methods that may be used to reduce the risk. What has been greatly under reported is that experts in this area worldwide have recognized and monitored this risk for many years and have been energetically and diligently developing methods and equipment to address the issue.

For more than two years, the Federal Aviation Administration (FAA) through its William J. Hughes Technical Center in Atlantic City, New Jersey, has been carrying out the largest and most significant trial of bird radars ever conducted. The FAA selected the Accipiter® Avian Radar for this trial. Currently, three Accipiter® Avian Radar systems are operational at Seattle-Tacoma International Airport, three deployed at Chicago O'Hare, and three in the process of being delivered to John F. Kennedy International Airport (JFK) (operated by the Port Authority of New York and New Jersey). As an expansion of the nation-wide trial, Accipiter Radar Technologies Inc. has recently



received a further contract by the FAA to deliver an operations center component for integrating these radars coast-to-coast. The FAA program is being carried out by the FAA's Center of Excellence for Airport Technology at the University of Illinois at Urbana-Champaign.

The use of sophisticated bird-tracking radar enables airport wildlife control personnel to perform many aspects of their job more quickly and thoroughly by providing the best possible knowledge of birds' real-time and historical movements via wired or wireless networks to any location required, including mobile vehicles. This includes tasks such as habitat management to make airports less attractive to birds and bird-dispersal to move birds out of flight paths.



Flock of Plovers, Near Miss Event, NAS Whidbey Island, January

Development of avian radar systems is continuing at a rapid pace at Accipiter's R&D facility in Pelham, Ontario, Canada. The Accipiter® system already permits seamless integration of multiple radars into a single display to cover large areas and remote control and viewing from any location with network access. The development team will continue to introduce new features driven by specific needs of the wildlife control personnel who use the systems to improve aviation safety.

"We, at Accipiter Radar, have great respect for the challenging work done by wildlife control, air operators, and safety personnel at airports worldwide, and are proud to be able to assist them with the development of new radar based tools" commented Dr Tim Nohara, President & CEO.

About Accipiter Radar Technologies Inc.:

Accipiter Radar Technologies Inc. offers the world's most advanced, tracking surveillance radars using affordable PC-based processing to the Homeland Security and Aviation Safety markets worldwide. The Accipiter® product family encompasses the complete wide-area radar surveillance solution including target data acquisition, storage, management, analysis, distribution and visualization. Accipiter has won the business of the world's most demanding customers including the US Dept. of Homeland Security, the US Federal Aviation Administration, every branch of the US military and law enforcement agencies on both sides of the US/Canada border.

Accipiter is a subsidiary of the experienced and respected Canadian defence contractor, Sicom Systems Ltd. and boasts one of the top radar engineering teams in North America with over 175 combined years of military radar development experience. Accipiter's corporate headquarters is located in the Town of Pelham in the Niagara Region of Ontario.

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