

University of Nebraska - Lincoln

DigitalCommons@University of Nebraska - Lincoln

2002 Bird Strike Committee-USA/Canada, 4th
Annual Meeting, Sacramento, CA

Bird Strike Committee Proceedings

October 2002

Development of a Portable Bird Detection Radar for Airports

Michael Hovan

Federal Aviation Administration, Airport Technology R&D Branch, Pomona, NJ

William J. Hughes

FAA Technical Center, Pomona, NJ

Follow this and additional works at: <http://digitalcommons.unl.edu/birdstrike2002>



Part of the [Environmental Health and Protection Commons](#)

Hovan, Michael and Hughes, William J., "Development of a Portable Bird Detection Radar for Airports" (2002). *2002 Bird Strike Committee-USA/Canada, 4th Annual Meeting, Sacramento, CA*. 14.

<http://digitalcommons.unl.edu/birdstrike2002/14>

This Article is brought to you for free and open access by the Bird Strike Committee Proceedings at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in 2002 Bird Strike Committee-USA/Canada, 4th Annual Meeting, Sacramento, CA by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

Proceedings of 4th Bird Strike Committee-USA/Canada Meeting, Sacramento, CA
21-24 Oct 2002 (www.birdstrike.org)

Development of a Portable Bird Detection Radar for Airports

*Michel Hovan, Federal Aviation Administration, Airport Technology R&D Branch, William J. Hughes
FAA Technical Center, AAR-410, Pomona, NJ 08405 USA*

The development of a prototype portable bird detection radar for airports and airfields will be presented. This prototype radar is currently being developed under a partnership between the U.S. Air Force and the FAA, and is being funded under the U.S. Air Force Dual Use Science and Technology (DUST) program. Overview of the program will be given, and detailed specifications of the radar unit, and planned tests at a commercial airport will be presented. Future Plans for an integration of this type of radar into a real-time airport bird strike advisory system will be presented as well.