

**AN ANNOTATED BIBLIOGRAPHY OF BIRD HAZARDS TO AIRCRAFT
(ABBHA):
STATUS REPORT**

Jeffrey J. Short

ABSTRACT

The U.S. Air Force Research Laboratory has consolidated into a single document a significant portion of the literature on bird-aircraft interactions. This annotated bibliography of bird hazards to aircraft, termed ABBHA, is a compilation of over 1200 citations (with abstracts) on a wide range of related topics such as birdstrike tolerance engineering, bird hazard management and control, birdstrike avoidance, and bird remains identification. The development and "beta-test" version of ABBHA was presented at previous BSCE/IBSC and BSCUSA meetings. The attached keyword list has been revised to incorporate some new terms decided after IBSC 23. ABBHA soon will be available electronically on the U.S. Department of Agriculture's National Wildlife Research Center website:
www.aphis.usda.gov/ws/nwrc.

Over the past thirty years, much progress has been made to address the hazards posed by birds to aircraft by the military, the aerospace industry, and international working groups. A technical report (AFRL-VA-WP-TR-1998-3024, March 1998) has been published that summarizes many of the working papers presented to the Bird Strike Committees of Europe, Canada, and the United States. It will be available (distribution unlimited) from the Defense Technical Information Center.

Keywords: BIBLIOGRAPHIC; SYMPOSIA