

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WD2XZD

(Call Sign)

0757-EX-ST-2006

(File Number)

NAME Illinois, The Board of Trustees of the University of

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Observation and tracking of bird activity in support of the National Bird Strike Advisory System.

Station Locations

- (1) MOBILE: Vicinity of Bondville RADAR Range near Bondville, IL., within 30 km, centered around NL 40-06-48; WL 88-22-00

Frequency Information

MOBILE: Vicinity of Bondville RADAR Range near Bondville, IL., within 30 km, centered around NL 40-06-48; WL 88-22-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9410 MHz	MO	60M0P0N	19.86 MW (ERP)	0.32 %
9410 MHz	MO	60M0P0N	39.62 MW (ERP)	0.32 %

This authorization effective November 07, 2006 and
will expire 3:00 A.M. EST April 07, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by FAA contract no. A5778 DOT 05-C-AT-UIUC. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (2) Applicant must notify those responsible for their contract, that operations of a bird-strike radar at airports will require an in-depth electromagnetic compatibility analysis of any proposed system/technology to determine compatibility with other airport communication, navigation, and surveillance systems. The applicant shall advise the FAA program office that is responsible for the University of Illinois contract to begin working with the FAA's ATC Spectrum Engineering Services office, Rodney Murphy, (202) 267-9501, to ensure that any proposed technology receives the proper certification and evaluation prior to any funds being expended.