

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

EXPERIMENTAL

(Nature of Service)

WE9XWB

(Call Sign)

XT MO

(Class of Station)

0190-EX-ST-2012

(File Number)

NAME University Nebraska-Omaha

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:

We are attempting to see if an X-band radar system will pick up fast moving objects (aircraft) in and around the traffic pattern. This radar unit will not be used for any aviation purpose other than

Station Locations

- (1) MOBILE: Council Bluffs Airport, Iowa, within 5 km, centered around NL 41-15-31; WL 95-45-38

Frequency Information

MOBILE: Council Bluffs Airport, Iowa, within 5 km, centered around NL 41-15-31; WL 95-45-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9410 MHz	MO	60M0P0N	4 kW (ERP)	9410 %

Special Conditions:

- (1) Licensee is aware that testing is only for research purposes. Use of this frequency is not suitable for any future collision avoidance system.
- (2) Licensee must sector blank from 205 to 235 from true north.
- (3) A stop buzzer contact shall be available at 386-295-9050 during testing that can shut down operations in the event of any harmful interference.

This authorization effective April 06, 2012 and
will expire 3:00 A.M. EST October 06, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**

