

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

EXPERIMENTAL

(Nature of Service)

XR MO

(Class of Station)

WC9XCJ

(Call Sign)

0066-EX-ST-2005

(File Number)

NAME Indiana Institute of Technology

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:

Using an alternate antenna with a MaxStream 9XTEND 900 MHz frequency hopping spread spectrum RF data modem in support of an inter-collegiate rocket launch competition.

Station Locations

- (1) MOBILE: Antenna will be aboard a student built rocket launched from the Air Force Cape Canaveral launch facility, Patrick Air Force Base Florida. The rocket is expected to reach an altitude of 75 miles and splash down 20 miles east of Cape Canavral, within 16 km, centered around NL 28-26-00; WL 80-37-00

Frequency Information

MOBILE: Antenna will be aboard a student built rocket launched from the Air Force Cape Canaveral launch facility, Patrick Air Force Base Florida. The rocket is expected to reach an altitude of 75 miles and splash down 20 miles east of Cape

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	26M0FXX	500 mW (ERP)	0.01 %

Special Conditions:

- (1) Licensee must call Eastern Area Frequency Coordinator one week prior to launch to schedule time slots. Call Mr. Akers or Mr. Cook at (321) 853-2012 or (321) 853-2013.

This authorization effective March 31, 2005 and
will expire 3:00 A.M. EST May 02, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**

