

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

EXPERIMENTAL

(Nature of Service)

WG9XVA

(Call Sign)

XT FX MO

(Class of Station)

0695-EX-ST-2013

(File Number)

NAME Intelligent Designs LLC

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:

To train operators on the aircraft and on the ground on sensor apparatus.

Station Locations

- (1) MOBILE: Within 185 km of Menlo Park, CA, within 185 km, centered around NL 37-27-16; WL 122-10-33
- (2) Menlo Park (SAN MATEO), CA - NL 37-27-16; WL 122-10-33

Frequency Information

MOBILE: Within 185 km of Menlo Park, CA, within 185 km, centered around NL 37-27-16; WL 122-10-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4775-4940 MHz	MO	8M00G1D	100 W (ERP)	

This authorization effective August 15, 2013 and
will expire 3:00 A.M. EST February 16, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Menlo Park (SAN MATEO), CA - NL 37-27-16; WL 122-10-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4625 MHz	FX	8M00G1D	225 W (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) All operations south of the center point (37-27-16N 122-10-33W) must be coordinated with the DOD Western Area Frequency Coordinator (760-939-6948) and specific frequencies must be scheduled in the Integrated Frequency De-confliction System.
- (4) Intelligent Designs needs to be aware that equipment developed in the 4400-4940 MHz band needs to be able to tune throughout the entire band. NTIA will be requiring that systems are able to tune anywhere in the band so that future use can accommodate all users.
- (5) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization Under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.