

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WE2XUT

(Call Sign)

0260-EX-RR-2010

(File Number)

NAME Composite Engineering Inc. (CEi)

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(b) of the Commission's Rules

Station Locations

- (1) Sacramento (SACRAMENTO), CA - NL 38-39-55; WL 121-25-46
- (2) MOBILE: The mobile transmitter will be mounted on a helicopter and flown north of the ground station location., within 60 km, centered around NL 38-39-55; WL 121-25-46
- (3) MOBILE: The mobile transmitter will be mounted on a helicopter and flown north of the ground station location., within 60 km, centered around NL 38-39-55; WL 121-25-46
- (4) MOBILE: The mobile transmitter will be mounted on a helicopter and flown north of the ground station location., within 60 km, centered around NL 38-39-55; WL 121-25-46

Frequency Information

Sacramento (SACRAMENTO), CA - NL 38-39-55; WL 121-25-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
383-384 MHz	FX	20K0F1D	130 W (ERP)	0.00015 %

This authorization effective December 01, 2010 and
will expire 3:00 A.M. EST December 01, 2012

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COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: The mobile transmitter will be mounted on a helicopter and flown north of the ground station location., within 60 km, centered around NL 38-39-55; WL 121-25-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
383-384 MHz	MO	20K0F1D	2.5 W (ERP)	0.00015 %

MOBILE: The mobile transmitter will be mounted on a helicopter and flown north of the ground station location., within 60 km, centered around NL 38-39-55; WL 121-25-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2300 MHz	MO	5M40F1D	5 W (ERP)	0.002 %

MOBILE: The mobile transmitter will be mounted on a helicopter and flown north of the ground station location., within 60 km, centered around NL 38-39-55; WL 121-25-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
322 MHz	MO	30K0F1D	1 W (ERP)	0.001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee shall exclude operations between 383.225-383.23775 MHz
- (3) Stop Buzzer contact Tom Nelson shall be available at 916-612-8162 during testing to address any issues related to potential interference, including immediate shut down until any issues are resolved.