

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

EXPERIMENTAL

(Nature of Service)

WI2XMA

(Call Sign)

XT FX MO

(Class of Station)

0050-EX-CM-2016

(File Number)

NAME Sandel Avionics Inc.

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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Carlsbad, CA: airborne, max alt. 35,000 ft. AGL, within 322 km, centered around NL 33-07-39; WL 117-16-45
- (2) MOBILE: Carlsbad, CA: airborne, max altitude 35,000 ft. AGL, within 322 km, centered around NL 33-07-39; WL 117-16-45
- (3) Vista (SAN DIEGO), CA - NL 33-09-11; WL 117-13-07
- (4) Vista (SAN DIEGO), CA - NL 33-09-11; WL 117-13-07

Frequency Information

MOBILE: Carlsbad, CA: airborne, max alt. 35,000 ft. AGL, within 322 km, centered around NL 33-07-39; WL 117-16-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
118 MHz	MO	6K00A3E	20 W (ERP)	0.0002 %
123.225 MHz	MO	6K00A3E	64.8 W (ERP)	0.0002 %
131.1 MHz	MO	6K00A3E	64.8 W (ERP)	0.0002 %

This authorization effective November 28, 2016 and
will expire 3:00 A.M. EST September 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Carlsbad, CA: airborne, max altitude 35,000 ft. AGL, within 322 km, centered around NL 33-07-39; WL 117-16-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	MO	14M0K1D 14M0M1D	250 W (ERP)	0.3 %

Vista (SAN DIEGO), CA - NL 33-09-11; WL 117-13-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.225 MHz	FX	6K00A3E	64.8 W (ERP)	0.0002 %

Vista (SAN DIEGO), CA - NL 33-09-11; WL 117-13-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	14M0K1D 14M0M1D	250 W (ERP)	0.3 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.