

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

EXPERIMENTAL

(Nature of Service)

WJ2XSQ

(Call Sign)

XT FX MO

(Class of Station)

0099-EX-CM-2019

(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) Vista (SAN DIEGO), CA - NL 33-09-11; WL 117-13-07
- (3) MOBILE: Airborne, Max Alt. 35,000 Ft AGL, within 322 km, centered around NL 33-07-39; WL 117-16-45
- (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 (+/-)
123.2417 MHz	MO	6K00A3E	64.8 W (ERP)	0.0002 %
123.3583 MHz	MO	6K00A3E	64.8 W (ERP)	0.0002 %
123.4667 MHz	MO	6K00A3E	64.8 W (ERP)	0.0002 %

This authorization effective May 31, 2019 and
will expire 3:00 A.M. EST October 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.2417 MHz	FX	6K00A3E	64.8 W (ERP)	0.0002 %
123.3583 MHz	FX	6K00A3E	64.8 W (ERP)	0.0002 %
123.4667 MHz	FX	6K00A3E	64.8 W (ERP)	0.0002 %

MOBILE: 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 (+/-)
123.225 MHz	MO	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 (+/-)
123.225 MHz	FX	6K00A3E	64.8 W (ERP)	0.0002 %

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (4) LICENSEE MUST COORDINATE WITH OTHER USERS AS NECESSARY TO MINIMIZE INTERFERENCE.
- (5) Experimental use is secondary to, and must not interfere with, Flight Test operations.
- (6) Renewal of this License is subject to prior coordination with AFTRCC Frequency Advisory Committee, www.aftrcc.org