

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

EXPERIMENTAL

(Nature of Service)

WJ9XPG

(Call Sign)

XT FX MO

(Class of Station)

1167-EX-ST-2016

(File Number)

NAME The Boeing Company

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 support system development, testing and demonstrations.

Station Locations

- (1) Mt. Hamilton, CA - NL 37-20-29; WL 121-38-34
- (2) MOBILE: Sunnyvale, CA, within 8 km, centered around NL 37-22-14; WL 122-02-59

Frequency Information

Mt. Hamilton, CA - NL 37-20-29; WL 121-38-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5850 MHz	FX	80M0G2W	20000 W (ERP)	
		40M0G2W		
		20M0G2W		
		20M0W7D		

This authorization effective October 21, 2016 and
will expire 3:00 A.M. EST April 16, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Sunnyvale, CA, within 8 km, centered around NL 37-22-14; WL 122-02-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5850 MHz	MO	80M0G2W 40M0G2W 20M0G2W 20M0W7D	5 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) The "Stop Buzzer" point of contact is Dave Bryant at 206-852-1353.
- (4) The transmitter must remain on the ground as this is an Earth to Space allocated band.
- (5) NTIA and the Department of Transportation non-concurs with the use of 5850-5925 MHz. Transportation (meaning non-Federal) use of this band is increasing rapidly with major deployments across the country. Notable current deployments include New York City, Wyoming, and Tamp, FL. Deployments have been ongoing in California for several years which could easily be impacted by the proposed spectrum use in this STA. For more information on the Dedicated Short Range Communication system, please see:
http://www.its.dot.gov/factsheets/dsrc_factsheet.htm