

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WJ9XIG

(Call Sign)

0663-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 DNW system development, testing and demonstrations.

Station Locations

- (1) MOBILE: Flight level 50,000 ft AGL, Palm Dale, CA, within 248 km, centered around NL 34-38-11; WL 118-05-51
- (2) MOBILE: Flight level 50,000 ft AGL, Kent, WA, within 248 km, centered around NL 47-25-08; WL 122-15-11
- (3) MOBILE: Flight level 50,000 ft AGL, Moffet Airfield, CA, within 248 km, centered around NL 37-24-54; WL 122-02-54

Frequency Information

MOBILE: Flight level 50,000 ft AGL, Palm Dale, CA, within 248 km, centered around NL 34-38-11; WL 118-05-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.8-14.1 GHz	MO	300MG2W 40M0G2W	2259 W (ERP)	
14.6-15.1 GHz	MO	320MG2W	2259 W (ERP)	

This authorization effective August 01, 2016 and
will expire 3:00 A.M. EST January 31, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Flight level 50,000 ft AGL, Palm Dale, CA, within 248 km, centered around NL 34-38-11; WL 118-05-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.6-15.1 GHz	MO	40M0G2W	2259 W (ERP)	

MOBILE: Flight level 50,000 ft AGL, Kent, WA, within 248 km, centered around NL 47-25-08; WL 122-15-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.8-14.1 GHz	MO	300MG2W 40M0G2W	2259 W (ERP)	
14.6-15.1 GHz	MO	320MG2W 40M0G2W	2259 W (ERP)	

MOBILE: Flight level 50,000 ft AGL, Moffet Airfield, CA, within 248 km, centered around NL 37-24-54; WL 122-02-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.8-14.1 GHz	MO	300MG2W 40M0G2W	2259 W (ERP)	
14.6-15.1 GHz	MO	320MG2W 40M0G2W	2259 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.

Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Prior to the start of operations, Boeing must contact and coordinate with the following office:

DOD Western Area Frequency Coordinator (WAFC)

Mr. Jamie Heaton

130 Easy Rd STOP 3008 Bldg. 31454, Room 230 China Lake, CA. 93555-6109

NIPR: jamie.heaton@navy.mil

SIPR: jamie.heaton@navy.smil.mil

DSN: 437-6832

COM: 760-939-6832

FAX: 760-939-0384 DSN-437

STE: 760-939-0384 DSN-437

- (4) At least 48 hours prior to the start of operations, Boeing provide notification to Army AFMO US&P Edwin.sanchez1.civ@mail.mil.
- (5) Operations at these locations is not authorized unless proper coordination is obtained from DoD.