

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WJ9XNY

(Call Sign)

0318-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 UVS system integration test.

Station Locations

- (1) Boardman Bombing Ran, OR - NL 45-44-54; WL 119-47-38
- (2) Bingen, WA - NL 45-42-24; WL 121-27-30
- (3) MOBILE: Maximum Flight Level is 5000 feet, Boardman Bombing Ran, OR, within 60 km, centered around NL 45-44-54; WL 119-47-38

Frequency Information

Boardman Bombing Ran, OR - NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-50 MHz	FX	6K00A3E	5 W (ERP)	
		11K0F3E		
		16K0F3E		
		25K0A3E		
		25K0F3E		

This authorization effective April 15, 2016 and
will expire 3:00 A.M. EST October 16, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Boardman Bombing Ran, OR - NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
60-64 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
76-80 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
126-150 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
174-200 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
217-220 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E	5 W (ERP)	

Frequency Information

Boardman Bombing Ran, OR - NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
217-220 MHz	FX	25K0F3E	5 W (ERP)	
401-415 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
465-470 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
480-495 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	

Bingen, WA - NL 45-42-24; WL 121-27-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-50 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E	5 W (ERP)	

Frequency Information

Bingen, WA - NL 45-42-24; WL 121-27-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-50 MHz	FX	25K0F3E	5 W (ERP)	
60-64 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
76-80 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
126-150 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
174-200 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
217-220 MHz	FX	6K00A3E 11K0F3E 16K0F3E	5 W (ERP)	

Frequency Information

Bingen, WA - NL 45-42-24; WL 121-27-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
217-220 MHz	FX	25K0A3E 25K0F3E	5 W (ERP)	
401-415 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
465-470 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	
480-495 MHz	FX	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	5 W (ERP)	

MOBILE: Maximum Flight Level is 5000 feet, Boardman Bombing Ran, OR, within 60 km, centered around NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-50 MHz	MO	6K00A3E 11K0F3E 16K0F3E 25K0A3E	2 W (ERP)	

Frequency Information

MOBILE: Maximum Flight Level is 5000 feet, Boardman Bombing Ran, OR, within 60 km, centered around NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-50 MHz	MO	25K0F3E	2 W (ERP)	
60-64 MHz	MO	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	2 W (ERP)	
76-80 MHz	MO	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	2 W (ERP)	
126-150 MHz	MO	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	2 W (ERP)	
174-200 MHz	MO	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	2 W (ERP)	
217-220 MHz	MO	6K00A3E 11K0F3E 16K0F3E	2 W (ERP)	

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MOBILE: Maximum Flight Level is 5000 feet, Boardman Bombing Ran, OR, within 60 km, centered around NL 45-44-54; WL 119-47-38

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465-470 MHz	MO	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	2 W (ERP)	
480-495 MHz	MO	6K00A3E 11K0F3E 16K0F3E 25K0A3E 25K0F3E	2 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) Boeing must notch the following frequencies +/-6.25 KHz, to avoid interference with Department of the Interior operations in the area:

M406.125 M407.125 M408.775 M411.675 M412.9125 M414.875

Special Conditions:

- (4) Boeing must notch the following frequency to protect automated weather reporting stations:

M410.075 +/- 12.5 KHz.

- (5) Boeing must notch the following frequencies to protect Coast Guard operations:

M412.9750 +/- 6.25 KHz

M413.0000 +/- 6.25 KHz

M413.0250 +/- 6.25 KHz

- (6) Boeing must change the frequency band from 126-150 MHz to 137-150 MHz to avoid interference to FAA operations in the area.

- (7) Boeing must notch out the following frequencies (+/- 12.5 kHz):

M409.175 M409.575 M409.800 M413.1125

M413.5875 M414.6625 M414.7875.

- (8) Prior to the start of operations, Boeing must coordinate with the Oregon Army National Guard Spectrum Manager (SM) and provide a STOP BUZZER Point of Contact. Stop Buzzer POC at the test site must be available during all testing and have authority to terminate test if radio frequency interference is suspected.

Joseph Young,

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- (9) Boeing Company coordinate with the local Society of Broadcast Engineer frequency coordinator prior to operation in 60-64 MHz, 76-80 MHz, 174-200 MHz and 480-495 MHz bands.