

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

EXPERIMENTAL

(Nature of Service)

WF9XVS

(Call Sign)

XT FX MO

(Class of Station)

0579-EX-ST-2012

(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:

The communications relay package is installed on the unmanned aerial vehicle and will communicate with various radios on the ground.

Station Locations

- (1) MOBILE: Airborne Mobile Operation with 15,000 Foot Flight Level, Camp Roberts, CA, within 80 km, centered around NL 35-42-59; WL 120-45-40
- (2) MOBILE: Airborne Mobile Operation with 400 Foot Flight Level, Simi Valley, CA, within 1 km, centered around NL 34-18-40; WL 118-48-08
- (3) Huntington Beach, CA - NL 33-45-02; WL 118-01-59

Frequency Information

MOBILE: Airborne Mobile Operation with 15,000 Foot Flight Level, Camp Roberts, CA, within 80 km, centered around NL 35-42-59; WL 120-45-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-155 MHz	MO	25K0F3E 25K0N1D	1 W (ERP)	
164.6 MHz	MO	25K0N1D	1 W (ERP)	

This authorization effective August 10, 2012 and
will expire 3:00 A.M. EST October 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne Mobile Operation with 15,000 Foot Flight Level, Camp Roberts, CA, within 80 km, centered around NL 35-42-59; WL 120-45-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.6 MHz	MO	25K0F3E	1 W (ERP)	
167.8375 MHz	MO	25K0N1D 25K0F3E	1 W (ERP)	
168.325 MHz	MO	25K0F3E 25K0N1D	1 W (ERP)	

MOBILE: Airborne Mobile Operation with 400 Foot Flight Level, Simi Valley, CA, within 1 km, centered around NL 34-18-40; WL 118-48-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-155 MHz	MO	25K0F3E 25K0N1D	1 W (ERP)	
164.6 MHz	MO	25K0F3E 25K0N1D	1 W (ERP)	
167.8375 MHz	MO	25K0F3E 25K0N1D	1 W (ERP)	
168.325 MHz	MO	25K0N1D 25K0F3E	1 W (ERP)	

Frequency Information

Huntington Beach, CA - NL 33-45-02; WL 118-01-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-155 MHz	FX	25K0N1D 25K0F3E	1 W (ERP)	
164.6 MHz	FX	25K0N1D 25K0F3E	1 W (ERP)	
167.8375 MHz	FX	25K0F3E 25K0N1D	1 W (ERP)	
168.325 MHz	FX	25K0F3E 25K0N1D	1 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation is subject coordination with public safety licensees prior to using specific channels identified as Part 90 public safety prior to operating.
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) coordinator in each proposed area.
- (5) The designated point-of-contact to terminate the system if having interference occurs is Steven Gall at 714-896-5143 or 714-697-5399.