Freq Mgt Svcs M/C: 2T-22, P.O. Box 3707, Seattle, WA 98124-2207,

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

EXPERIMENTAL	WF2XNQ
(Nature of Service)	(Call Sign)
XT FX	0138-EX-ML-2011
(Class of Station)	(File Number)

NAME The Boeing Company

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(i) of the Commission's Rules

Station Locations

(1) Kent (KING), WA - NL 47-25-06; WL 122-15-16

Frequency Information

Kent (KING), WA - NL 47-25-06; WL 122-15-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
328.6-335.4 MHz	FX	N0N	16.6 mW (ERP)	
400-608 MHz	FX	N0N	16.6 mW (ERP)	
614-1020 MHz	FX	N0N	16.6 mW (ERP)	
1040-1080 MHz	FX	N0N	16.6 mW (ERP)	

This authorization effective May 12, 2011 and
will expire 3:00 A.M. EST August 15, 2012

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

Kent (KING), WA - NL 47-25-06; WL 122-15-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1100-1164 MHz	FX	N0N	16.6 mW (ERP)	
1189-1215 MHz	FX	N0N	16.6 mW (ERP)	
1240-1367 MHz	FX	N0N	16.6 mW (ERP)	
1394-1400 MHz	FX	N0N	16.6 mW (ERP)	
1427-1559 MHz	FX	N0N	16.6 mW (ERP)	
1610-1660.5 MHz	FX	N0N	16.6 mW (ERP)	
1668.4-2690 MHz	FX	N0N	35.9 mW (ERP)	
2700-2705 MHz	FX	N0N	50.6 mW (ERP)	
2715-2770 MHz	FX	N0N	50.6 mW (ERP)	
2780-3000 MHz	FX	N0N	50.6 mW (ERP)	

Frequency Information

Kent (KING), WA - NL 47-25-06; WL 122-15-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3000-3650 MHz	FX	N0N	6.35 mW (ERP)	
3700-4200 MHz	FX	N0N	6.35 mW (ERP)	
4400-4990 MHz	FX	N0N	6.35 mW (ERP)	
5000-5250 MHz	FX	N0N	6.35 mW (ERP)	
5250-6000 MHz	FX	N0N	6.35 mW (ERP)	
6000-10000 MHz	FX	N0N	2.55 mW (ERP)	
10000-10680 MHz	FX	N0N	1.07 mW (ERP)	
10700-14000 MHz	FX	N0N	1.07 mW (ERP)	
14000-15350 MHz	FX	N0N	0.85 mW (ERP)	
15400-18000 MHz	FX	N0N	0.85 mW (ERP)	

Special Conditions:

(1) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Director of Frequency Coordination; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.

(2) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.

(3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.

(4) 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.

(5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

(6) Licensee must get consent from Education Broadband Services and Broadband Radio Services licensees and coordinate with the Fixed Microwave licensees prior to conducting the experiment.

(7) Operation is subject to prior coordination with FAA Northwest Regional Office, 1601 Lind Avenue, S.W. Renton, WA 98055-4056; Telephone 206-227-2464.

(8) The designated point-of-contact to terminate transmissions if interference occurs is Blaine Smith, 253-657-9475.