

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XCH

(Call Sign)

0027-EX-PL-2012

(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) MOBILE: King County International Airport (Boeing Field), Seattle, WA, within 402 km, centered around NL 47-31-47; WL 122-18-06

Frequency Information

MOBILE: King County International Airport (Boeing Field), Seattle, WA, within 402 km, centered around NL 47-31-47; WL 122-18-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5091-5150 MHz	MO	5M00F9W	50 W (ERP)	0.001 %
		10M0F9W		
		20M0F9W		
		30M0F9W		
		20M0G9W		
		30M0G9W		

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 coordination it tests with GUSA prior to initiating operations.

This authorization effective May 08, 2012 and
will expire 3:00 A.M. EST May 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Operation is subject to prior coordination with FAA Northwest Regional Office, 1601 Lind Avenue, S.W. Renton, Washington 98055 PH: 206-227-2464.
- (5) This telemetry assignment must be on non-interference, non-protected basis as concerns assignments in the Aeronautical Mobile Service.
- (6) The designated point-of-contact to terminate transmission if interference occurs is Ron Center at 206-218-8568.