

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

EXPERIMENTAL
(Nature of Service)

WC2XWE
(Call Sign)

XD FX
(Class of Station)

0058-EX-PL-2002
(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(d,f,g,i,j) of the Commission's Rules

Station Locations

- (1) US - NL 33-45-24; WL 118-05-03
- (2) US - NL 33-45-24; WL 118-05-03
- (3) US - NL 33-45-24; WL 118-05-03
- (4) US - NL 33-45-24; WL 118-05-03

Frequency Information

US - NL 33-45-24; WL 118-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
81-86 GHz	FX	366M	451666 W (ERP)	
81-86 GHz	FX	733M	451666 W (ERP)	
81-86 GHz	FX	2G14	451666 W (ERP)	
81-86 GHz	FX	2G26	451666 W (ERP)	
81-86 GHz	FX	4G53	451666 W (ERP)	
81-86 GHz	FX	266MG1D	451666 W (ERP)	
81-86 GHz	FX	366MG1D	451666 W (ERP)	
81-86 GHz	FX	733MG1D	451666 W (ERP)	
81-86 GHz	FX	2G14G1D	451666 W (ERP)	
81-86 GHz	FX	2G26G1D	451666 W (ERP)	
81-86 GHz	FX	4G53G1D	451666 W (ERP)	
81-86 GHz	FX	442MG1D	451666 W (ERP)	
81-86 GHz	FX	1G07G1D	451666 W (ERP)	

This authorization effective July 16, 2002 and
will expire 3:00 A.M. EST August 01, 2004

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

US - NL 33-45-24; WL 118-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
81-86 GHz	FX	1G29G1D	451666 W (ERP)	

US - NL 33-45-24; WL 118-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
81-86 GHz	FX	266MG1D	89218 W (ERP)	
81-86 GHz	FX	366MG1D	89218 W (ERP)	
81-86 GHz	FX	733MG1D	89218 W (ERP)	
81-86 GHz	FX	2G14G1D	89218 W (ERP)	
81-86 GHz	FX	2G26G1D	89218 W (ERP)	
81-86 GHz	FX	4G53G1D	89218 W (ERP)	
81-86 GHz	FX	442MG1D	89218 W (ERP)	
81-86 GHz	FX	1G07G1D	89218 W (ERP)	
81-86 GHz	FX	1G29G1D	89218 W (ERP)	

US - NL 33-45-24; WL 118-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
81-86 GHz	FX	266MG1D	5576 W (ERP)	
81-86 GHz	FX	2G14G1D	5576 W (ERP)	
81-86 GHz	FX	2G26G1D	5576 W (ERP)	
81-86 GHz	FX	4G53G1D	5576 W (ERP)	
81-86 GHz	FX	366MG1D	5576 W (ERP)	
81-86 GHz	FX	733MG1D	5576 W (ERP)	
81-86 GHz	FX	442MG1D	5576 W (ERP)	
81-86 GHz	FX	1G07G1D	5576 W (ERP)	
81-86 GHz	FX	1G29G1D	5576 W (ERP)	

US - NL 33-45-24; WL 118-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
81-86 GHz	FX	366MG1D	348 W (ERP)	
81-86 GHz	FX	733MG1D	348 W (ERP)	
81-86 GHz	FX	2G14G1D	348 W (ERP)	

Frequency Information

US - NL 33-45-24; WL 118-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
81-86 GHz	FX	2G26G1D	348 W (ERP)	
81-86 GHz	FX	4G53G1D	348 W (ERP)	
81-86 GHz	FX	266MG1D	348 W (ERP)	
81-86 GHz	FX	442MG1D	348 W (ERP)	
81-86 GHz	FX	1G07G1D	348 W (ERP)	
81-86 GHz	FX	1G29G1D	348 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (3) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (4) Licensee is authorized to operate up to 100 units.