

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

EXPERIMENTAL

(Nature of Service)

WE2XCF

(Call Sign)

XT MO

(Class of Station)

0020-EX-ML-2008

(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 g) of the Commission's Rules

Station Locations

- (1) MOBILE: Southern California Coastal Waters (see Exhibit)
- (2) MOBILE: Edwards Air Force Base, within 48 km, centered around NL 34-49-30; WL 117-49-22
- (3) MOBILE: Gulf of Mexico Coastal Waters (see exhibit)
- (4) MOBILE: Within 48 kilometers of the Victorville Airport, within 48 km, centered around NL 34-35-16; WL 117-22-31
- (5) MOBILE: Within 48 kilometers of the Boeing Facility Houston, within 48 km, centered around NL 29-36-22; WL 95-08-34
- (6) MOBILE: Within 10 kilometers of the Boeing Facility Long Beach, within 10 km, centered around NL 33-49-38; WL 118-09-05
- (7) MOBILE: Within 32 kilometers of the Vandalia Airport, within 32 km, centered around NL 38-59-30; WL 89-10-00
- (8) MOBILE: Within 32 kilometers of the Fort Leonard Wood, within 32 km, centered around NL 37-44-30; WL 92-08-30

Frequency Information

MOBILE: Southern California Coastal Waters (see Exhibit)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	MO	1G10W3N	7943 W (ERP)	0.001 %

This authorization effective July 29, 2008 and
will expire 3:00 A.M. EST July 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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16.2-17.3 GHz	MO	1G10W3N	7943 W (ERP)	0.001 %

MOBILE: Gulf of Mexico Coastal Waters (see exhibit)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	MO	1G10W3N	7943 W (ERP)	0.001 %

MOBILE: Within 48 kilometers of the Victorville Airport, within 48 km, centered around NL 34-35-16; WL 117-22-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	MO	1G10W3N	7943 W (ERP)	0.001 %

MOBILE: Within 48 kilometers of the Boeing Facility Houston, within 48 km, centered around NL 29-36-22; WL 95-08-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	MO	1G10W3N	7943 W (ERP)	0.001 %

Frequency Information

MOBILE: Within 10 kilometers of the Boeing Facility Long Beach, within 10 km, centered around NL 33-49-38; WL 118-09-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	MO	1G10W3N	7943 W (ERP)	0.001 %

MOBILE: Within 32 kilometers of the Vandalia Airport, within 32 km, centered around NL 38-59-30; WL 89-10-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	MO	1G10W3N	7943 W (ERP)	0.001 %

MOBILE: Within 32 kilometers of the Fort Leonard Wood, within 32 km, centered around NL 37-44-30; WL 92-08-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	MO	1G10W3N	7943 W (ERP)	0.001 %

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) The designated point-of-contact to terminate transmissions if interference occurs are Mr. Ted Johnson at (314) 545-6087 or Mr. Herb Johnson at (414) 777-7974.
- (3) Operations at the California locations shall be coordinated prior to activation and, as appropriate, possible scheduling with the Western Area Frequency Coordinator at 760-939-6948.
- (4) Operations at the Edwards AF Base shall be coordinated prior to activation and, as appropriate, possible scheduling with the AF Frequency Coordinator at 661-277-4763.