

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC2XVZ

(Call Sign)

0191-EX-ST-2004

(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 purpose of operation is to validate data for specific receiving antennas at an antenna test range.

Station Locations

(1) Mesa (MARICOPA), AZ - NL 33-28-09; WL 111-43-42

Frequency Information

Mesa (MARICOPA), AZ - NL 33-28-09; WL 111-43-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
50-52 MHz	FX	N0N	10 W (ERP)	0.001 %
59-62 MHz	FX	N0N	10 W (ERP)	0.001 %
70-72 MHz	FX	N0N	10 W (ERP)	0.001 %
86-88 MHz	FX	N0N	10 W (ERP)	0.001 %
108-110 MHz	FX	N0N	10 W (ERP)	0.001 %
114-116 MHz	FX	N0N	10 W (ERP)	0.001 %
128-136 MHz	FX	N0N	10 W (ERP)	0.001 %
140-144 MHz	FX	N0N	10 W (ERP)	0.001 %
148-152 MHz	FX	N0N	10 W (ERP)	0.001 %
170-176 MHz	FX	N0N	10 W (ERP)	0.001 %
225-228 MHz	FX	N0N	10 W (ERP)	0.001 %
240-244 MHz	FX	N0N	10 W (ERP)	0.001 %

This authorization effective April 09, 2004 and
will expire 3:00 A.M. EST June 08, 2004

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Mesa (MARICOPA), AZ - NL 33-28-09; WL 111-43-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
270-276 MHz	FX	N0N	10 W (ERP)	0.001 %
292-302 MHz	FX	N0N	10 W (ERP)	0.001 %
318-330 MHz	FX	N0N	10 W (ERP)	0.001 %
350-375 MHz	FX	N0N	10 W (ERP)	0.001 %
390-445 MHz	FX	N0N	10 W (ERP)	0.001 %
500-524 MHz	FX	N0N	10 W (ERP)	0.001 %

Special Conditions:

- (1) 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.
- (2) Only the use of spot frequencies that have been prior coordinated with the Federal Aviation Administration (FAA) are permitted in the band 132.025-136 MHz.
- (3) The following frequencies +/- 6.25 kHz are NOT permitted for use: 108.2 MHz, 108.5 MHz, 109.3 MHz, 109.7 MHz, 114.1 MHz, 114.25 MHz, 114.8 MHz, 170.5125 MHz, 171.0125 MHz, 171.3875 MHz, 171.700 MHz, 171.75 MHz, 172.125 MHz, 172.175 MHz, 172.425 MHz, 172.625 MHz, 172.875 MHz, 172.975 MHz, 243.0 MHz, 406-406.1 MHz, 406.475 MHz, 408.475 MHz, 408.725 MHz, 409.575 MHz, 409.600 MHz, 410.250 MHz, 410.300 MHz, 411.675 MHz, 412.275 MHz, 413.1125 MHz and 414.975 MHz.