

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

EXPERIMENTAL

(Nature of Service)

WC9XXO

(Call Sign)

XD FX

(Class of Station)

0564-EX-ST-2007

(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:

To allow HIRF testing as part of the FAA required aircraft certification program.

Station Locations

(1) Marana (PINAL), AZ - NL 32-30-42; WL 111-19-11

Frequency Information

Marana (PINAL), AZ - NL 32-30-42; WL 111-19-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-74.8 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
75.2-108 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
137-225 MHz	FX	1K00N0N	20 W (ERP)	0.001 %

This authorization effective February 27, 2008 and
will expire 3:00 A.M. EST August 27, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Marana (PINAL), AZ - NL 32-30-42; WL 111-19-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-405 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
407-412 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
417-932 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
935-941 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
944-960 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1400-1435 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1535-1545 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1610-1645.5 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1660.5-1710 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
1847-2700 MHz	FX	1K00N0N	20 W (ERP)	0.001 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-4200 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
4400-5000 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
5250-5600 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
5650-7125 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
8500-9000 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
9200-9300 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
9500-14523 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
15322-15700 MHz	FX	1K00N0N	20 W (ERP)	0.001 %
16200-18000 MHz	FX	1K00N0N	20 W (ERP)	0.001 %

Special Conditions:

- (1) Licensee must notch out the following frequencies (MHz) plus/minus 12.5 Khz so that interference is not caused to other government operations:

M34.67, M74.7, M162.2125, M163.2625, M164.0625, M166.0125, M166.1375
M166.2125, M166.7125, M166.7625, M166.8875, M167.8625, M168.3625,
M169, M169.0125, M170.4, M170.5875, M171.0125, M171.2625, M173.6625,