

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XRF

(Call Sign)

0478-EX-ST-2006

(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 the operation is to conduct production testing of a new construction satellite. See attached test description.

Station Locations

(1) El Segundo (LOS ANGELES), CA - NL 33-55-43; WL 118-23-20

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-43; WL 118-23-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3430 MHz	FX	N0N		
3510 MHz	FX	N0N		
3590 MHz	FX	N0N		

This authorization effective July 07, 2006 and
will expire 3:00 A.M. EST January 08, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-43; WL 118-23-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3660 MHz	FX	N0N		
3740 MHz	FX	N0N		
3900 MHz	FX	N0N		
4060 MHz	FX	N0N		
4100 MHz	FX	N0N		
4180 MHz	FX	N0N		
10971 MHz	FX	N0N		
11171 MHz	FX	N0N		
11476 MHz	FX	N0N		
11676 MHz	FX	N0N		

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-43; WL 118-23-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12731 MHz	FX	N0N		

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) Testing shall be conducted in a shielded chamber as stated in the submitted test plan.
- (3) Stop Buzzer contacts Robert Reynolds at 310-416-5643 or Richard Roberti at 310-416-4537 or 310-344-8956 shall be available during testing in the event of harmful interference.