

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

EXPERIMENTAL

(Nature of Service)

WD9XHK

(Call Sign)

XD FX

(Class of Station)

0378-EX-ST-2008

(File Number)

NAME Raytheon

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:

We have customer requirement for proof of design that the elements in our array will or will not arch at 3kW pulse power at temperature, humidity and altitude.

Station Locations

(1) El Segundo (LOS ANGELES), CA - NL 33-55-27; WL 118-24-43

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-27; WL 118-24-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
149 MHz	FX	100KA0A	3 kW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) No emission is permitted within +/- 12.5 kHz for frequency 149 MHz.

This authorization effective August 01, 2008 and
will expire 3:00 A.M. EST December 31, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Contact FAA, Sydney Bradfield at 310-725-3671 prior to testing.
- (5) The designated contact to terminate transmissions if interference occurs is 310-647-8480.