

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

EXPERIMENTAL

(Nature of Service)

WF2XLH

(Call Sign)

XR FX

(Class of Station)

0156-EX-PL-2010

(File Number)

NAME Raytheon Missile Systems

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(i) of the Commission's Rules

Station Locations

(1) Tucson (PIMA), AZ - NL 32-06-15; WL 110-57-13

Frequency Information

Tucson (PIMA), AZ - NL 32-06-15; WL 110-57-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
200-2000 MHz	FX	NON	200 mW (ERP)	
2000-18000 MHz	FX	NON	5 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective October 13, 2010 and
will expire 3:00 A.M. EST October 13, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) 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.
- (5) Stop Buzzer: 520-794-0875
- (6) Operation is subject to prior coordination with Fixed Microwave and Auxiliary Broadcasting licensees.
- (7) Maintain separation from grandfathered earth stations as defined in Part 90 subpart Z, or coordinate an agreement with the grandfathered earth station licensee in the 3650-3700 MHz.
- (8) Licensee should get consent from existing and future from Educational Broadband Service, Broadband Radio Service and Advanced Wireless Service licensees.
- (9) Operations are not permitted in the following frequencies:

225.0875-225.1125 MHz, 225.2875-225.3125 MHz, 225.5875-225.6125 MHz, 229.0375-229.0625 MHz, 233.4625-233.4875 MHz, 238.4875-238.5125 MHz, 238.5875-238.6125 MHz, 242.9750-243.0250 MHz, 260.2625-260.2875 MHz, 261.1875-261.2125 MHz, 265.2625-265.2875 MHz, 270.0875-270.1125 MHz, 270.6875-270.7125 MHz, 275.2625-275.2875 MHz, 275.8875-275.9125 MHz, 326.7625-326.7875 MHz, 327.6875-327.7125 MHz, 331.9875-332.0125 MHz, 361.4875-361.5125 MHz, 372.1875-372.2125 MHz, 384.9625-384.9875 MHz, 395.0875-395.1125 MHz, 1019-1042 MHz, 1083-1097 MHz, 1216-1237 MHz, 1558-1610 MHz, 2700-2775 MHz, 7210-7240 MHz, 8285-8315 MHz, 15.138-15.174 GHz, and 15.240-15.276 GHz.
- (10) This license SUPERSEDES the previously issued license with the same call sign and file number: Changes were made on Condition #9.