

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WH2XAJ

(Call Sign)

0063-EX-PL-2014

(File Number)

NAME Raytheon Integrated Defense 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(j) of the Commission's Rules

Station Locations

- (1) Triangle (PRINCE WILLIAM), VA - NL 38-33-30; WL 77-20-25
- (2) Dumfries (PRINCE WILLIAM), VA - NL 38-34-45; WL 77-19-26
- (3) Woodbridge (PRINCE WILLIAM), VA - NL 38-37-59; WL 77-17-29
- (4) Woodbridge (PRINCE WILLIAM), VA - NL 38-36-55; WL 77-17-58
- (5) Woodbridge (PRINCE WILLIAM), VA - NL 38-39-12; WL 77-16-53
- (6) Occoquan (PRINCE WILLIAM), VA - NL 38-39-33; WL 77-16-45
- (7) Lorton (FAIRFAX), VA - NL 38-40-23; WL 77-14-32
- (8) Lorton (FAIRFAX), VA - NL 38-41-12; WL 77-13-40
- (9) Lorton (FAIRFAX), VA - NL 38-44-07; WL 77-11-38
- (10) Springfield (FAIRFAX), VA - NL 38-44-21; WL 77-11-31
- (11) Springfield (FAIRFAX), VA - NL 38-45-45; WL 77-10-59
- (12) Springfield (FAIRFAX), VA - NL 38-46-31; WL 77-10-54
- (13) Springfield (FAIRFAX), VA - NL 38-46-32; WL 77-10-52
- (14) Springfield (FAIRFAX), VA - NL 38-47-16; WL 77-10-38
- (15) Alexandria (FAIRFAX), VA - NL 38-48-27; WL 77-09-21

This authorization effective March 05, 2014 and
will expire 3:00 A.M. EST March 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Triangle (PRINCE WILLIAM), VA - NL 38-33-30; WL 77-20-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Dumfries (PRINCE WILLIAM), VA - NL 38-34-45; WL 77-19-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Woodbridge (PRINCE WILLIAM), VA - NL 38-37-59; WL 77-17-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Woodbridge (PRINCE WILLIAM), VA - NL 38-36-55; WL 77-17-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Frequency Information

Woodbridge (PRINCE WILLIAM), VA - NL 38-39-12; WL 77-16-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Occoquan (PRINCE WILLIAM), VA - NL 38-39-33; WL 77-16-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Lorton (FAIRFAX), VA - NL 38-40-23; WL 77-14-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Lorton (FAIRFAX), VA - NL 38-41-12; WL 77-13-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Frequency Information

Lorton (FAIRFAX), VA - NL 38-44-07; WL 77-11-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Springfield (FAIRFAX), VA - NL 38-44-21; WL 77-11-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Springfield (FAIRFAX), VA - NL 38-45-45; WL 77-10-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Springfield (FAIRFAX), VA - NL 38-46-31; WL 77-10-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Frequency Information

Springfield (FAIRFAX), VA - NL 38-46-32; WL 77-10-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Springfield (FAIRFAX), VA - NL 38-47-16; WL 77-10-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (ERP)	

Alexandria (FAIRFAX), VA - NL 38-48-27; WL 77-09-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915-925 MHz	FX	3M60A1D	30 W (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.