DS LAW PLLC (D Siddall), 1629 K St NW Ste 300, Washington, DC 20006,

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

EXPERIMENTAL	WF2XOY
(Nature of Service)	(Call Sign)
XT FX MO	0125-EX-ML-2016
(Class of Station)	(File Number)

NAME Northrop Grumman Systems Corporation

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) Mojave (KERN), CA - NL 35-03-32; WL 118-09-05; MOBILE: airborne at a maximum altitude of 13,716 meters, within 185 km
(2) Red Bluff (TEHAMA), CA - NL 40-09-20; WL 122-15-05; MOBILE: airborne at max altitude of 13,716 meters, within 185 km
(3) McClellan Park (SACRAMENTO), CA - NL 38-39-39; WL 121-23-35; MOBILE: airborne at max altitude of 13,716 meters, within 185 km
(4) Newport (NEWPORT), RI - NL 41-31-57; WL 71-18-26; MOBILE: airborne at max altitude of 15,240 meters, within 185 km
(5) Grand Forks (GRAND FORKS), ND - NL 47-56-38; WL 97-10-40; MOBILE: airborne at max altitude of 15,240 meters, within 185 km
(6) Stephensville (QUEEN ANNES), MD - NL 38-58-32; WL 76-19-41; MOBILE: airborne at max altitude of 15,240 meters, within 185 km

Frequency Information

Mojave (KERN), CA - NL 35-03-32; WL 118-09-05; MOBILE: airborne at a maximum altitude of 13,716 meters, within 185 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1760 MHz	MO	5M00F2C	32 W (ERP)	

This authorization effective July 14, 2016 and
will expire 3:00 A.M. EST December 01, 2020

FEDERAL COMMUNICATIONS COMMISSION

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2305 MHz	FX	5M00F2C	796 W (ERP)	

Red Bluff (TEHAMA), CA - NL 40-09-20; WL 122-15-05; MOBILE: airborne at max altitude of 13,716 meters, within 185 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1760 MHz	MO	5M00F2C	32 W (ERP)	
2305 MHz	FX	5M00F2C	796 W (ERP)	

McClellan Park (SACRAMENTO), CA - NL 38-39-39; WL 121-23-35; MOBILE: airborne at max altitude of 13,716 meters, with

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1760 MHz	MO	5M00F2C	32 W (ERP)	
2305 MHz	FX	5M00F2C	796 W (ERP)	

Newport (NEWPORT), RI - NL 41-31-57; WL 71-18-26; MOBILE: airborne at max altitude of 15,240 meters, within 185 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1760 MHz	MO	5M00F2C	32 W (ERP)	

Frequency Information

Newport (NEWPORT), RI - NL 41-31-57; WL 71-18-26; MOBILE: airborne at max altitude of 15,240 meters, within 185 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305 MHz	FX	5M00F2C	796 W (ERP)	

Grand Forks (GRAND FORKS), ND - NL 47-56-38; WL 97-10-40; MOBILE: airborne at max altitude of 15,240 meters, within 1

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2305 MHz	FX	5M00F2C	796 W (ERP)	

Stephensville (QUEEN ANNES), MD - NL 38-58-32; WL 76-19-41; MOBILE: airborne at max altitude of 15,240 meters, within

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1760 MHz	MO	5M00F2C	32 W (ERP)	
2305 MHz	FX	5M00F2C	796 W (ERP)	

Special Conditions:

(1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

(2) Operation on the frequency 2305 MHz requires consent of affected Wireless Communications Service licensee(s) to avoid interference.

(3) Licensee must coordinate with the Western Area Frequency Coordinator (WAFC), (760) 939-6832, prior to activation.