

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WF2XWF

(Call Sign)

0425-EX-CR-2017

(File Number)

NAME Lockheed Martin 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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Cazenovia (ONONDAGA), NY, within 50 km, centered around NL 42-55-17;
WL 75-55-27
- (2) MOBILE: West Palm Beach (PALM BEACH), FL, within 81 km, centered around NL
26-45-00; WL 80-00-00

Frequency Information

MOBILE: Cazenovia (ONONDAGA), NY, within 50 km, centered around NL 42-55-17; WL 75-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2212 MHz	MO	19M4W7D	400 W (ERP)	
2217 MHz	MO	19M4W7D	400 W (ERP)	
2222 MHz	MO	19M4W7D	400 W (ERP)	

This authorization effective October 01, 2017 and
will expire 3:00 A.M. EST October 01, 2019

**FEDERAL
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COMMISSION**



Frequency Information

MOBILE: Cazenovia (ONONDAGA), NY, within 50 km, centered around NL 42-55-17; WL 75-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2227 MHz	MO	19M4W7D	400 W (ERP)	
2232 MHz	MO	19M4W7D	400 W (ERP)	
2237 MHz	MO	19M4W7D	400 W (ERP)	
2242 MHz	MO	19M4W7D	400 W (ERP)	
2247 MHz	MO	19M4W7D	400 W (ERP)	
2252 MHz	MO	19M4W7D	400 W (ERP)	
2257 MHz	MO	19M4W7D	400 W (ERP)	
2262 MHz	MO	19M4W7D	400 W (ERP)	
2267 MHz	MO	19M4W7D	400 W (ERP)	
2272 MHz	MO	19M4W7D	400 W (ERP)	

Frequency Information

MOBILE: Cazenovia (ONONDAGA), NY, within 50 km, centered around NL 42-55-17; WL 75-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2277 MHz	MO	19M4W7D	400 W (ERP)	
2282 MHz	MO	19M4W7D	400 W (ERP)	
2287 MHz	MO	19M4W7D	400 W (ERP)	
2292 MHz	MO	19M4W7D	400 W (ERP)	
2297 MHz	MO	19M4W7D	400 W (ERP)	

MOBILE: West Palm Beach (PALM BEACH), FL, within 81 km, centered around NL 26-45-00; WL 80-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2212 MHz	MO	19M4W7D	400 W (ERP)	
2217 MHz	MO	19M4W7D	400 W (ERP)	
2222 MHz	MO	19M4W7D	400 W (ERP)	
2227 MHz	MO	19M4W7D	400 W (ERP)	

Frequency Information

MOBILE: West Palm Beach (PALM BEACH), FL, within 81 km, centered around NL 26-45-00; WL 80-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2232 MHz	MO	19M4W7D	400 W (ERP)	
2237 MHz	MO	19M4W7D	400 W (ERP)	
2242 MHz	MO	19M4W7D	400 W (ERP)	
2247 MHz	MO	19M4W7D	400 W (ERP)	
2252 MHz	MO	19M4W7D	400 W (ERP)	
2257 MHz	MO	19M4W7D 19M4W7D	400 W (ERP)	
2262 MHz	MO	19M4W7D	400 W (ERP)	
2267 MHz	MO	19M4W7D	400 W (ERP)	
2272 MHz	MO	19M4W7D	400 W (ERP)	
2277 MHz	MO	19M4W7D	400 W (ERP)	

Frequency Information

MOBILE: West Palm Beach (PALM BEACH), FL, within 81 km, centered around NL 26-45-00; WL 80-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2282 MHz	MO	19M4W7D	400 W (ERP)	
2287 MHz	MO	19M4W7D	400 W (ERP)	
2292 MHz	MO	19M4W7D	400 W (ERP)	
2297 MHz	MO	19M4W7D 19M4W7D	400 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.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number N00024-10-G-6306 , N00024-C-10-6266, N00024-15-G-6315, and 223192/DO HR18. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (5) The designated point-of-contacts to terminate transmissions if interference occurs are:
Cazenovia NY location:
Operator lead: Greg Harris (315)456-1396
24 X 7 cell contact: John Witt (315) 427-4438

West Palm Beach FL location:
Operator lead: Sarah Alexander (561)494-2098
24 X 7 cell contact: Dane Terrill (561)319-1582