

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

EXPERIMENTAL

(Nature of Service)

KA2XBN

(Call Sign)

XC FX MO

(Class of Station)

0166-EX-RR-2006

(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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: Syracuse (ONONDAGA), NY, within 48 km, centered around NL 43-06-43;
WL 76-11-18
- (2) Syracuse (ONONDAGA), NY - NL 43-06-36; WL 76-11-36

Frequency Information

MOBILE: Syracuse (ONONDAGA), NY, within 48 km, centered around NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2760 MHz	MO	1M20P0N	18.4 MW (ERP)	
2805 MHz	MO	1M20P0N	18.4 MW (ERP)	
2875 MHz	MO	1M20P0N	18.4 MW (ERP)	

This authorization effective September 01, 2006 and
will expire 3:00 A.M. EST September 01, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-36; WL 76-11-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2740 MHz	FX	1M20P0N	18.4 MW (ERP)	
2850 MHz	FX	1M20P0N	18.4 MW (ERP)	
2895 MHz	FX	1M20P0N	18.4 MW (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Marine Corps Contract No. N00039-86-C-0452, AUTEC Contract No. N66604-02-C-3365, Romania Contract No. 02/045/01, ASPARCS Contract No. N00019-00-C-0340 and Colombia Contract No. 010402. 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 contracts designated in the related application and enumerated above.
- (4) A pulse repetition rate of 888 pps is specified for the use of the frequencies 2760 MHz, 2805 MHz, 2875 MHz, 2740 MHz, 2850 MHz and 2895 MHz.
- (5) Transmissions using the frequency 2850 MHz are required to be blanked between 73-93 degrees and 266-276 degrees.
- (6) This frequency assignment in the band 2700-2900 MHz was coordinated prior to authorization with the FAA Eastern Coordinator, New York, New York. Use of the frequency or band under the authority of this assignment is subject to such further coordination with the FAA Eastern Coordinator, New York, New York, as necessary to ensure compatibility with existing uses.
- (7) This frequency assignment was coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, D.C. 20591. Phone: 202-267-9739.
- (8) Pulse durations of 10.26 microseconds and 100 microseconds are specified for the use of the frequencies 2760 MHz, 2805 MHz, 2875 MHz, 2740 MHz, 2850 MHz and 2895 MHz.