

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

EXPERIMENTAL

(Nature of Service)

WE2XDX

(Call Sign)

XR FX MO

(Class of Station)

0079-EX-ML-2009

(File Number)

NAME Guardian Flight Systems LLC

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(a, c) of the Commission's Rules

Station Locations

- (1) Moyock (CURRITUCK), NC - NL 36-27-15; WL 76-12-07
- (2) MOBILE: Moyock (CURRITUCK), NC, up to 10000 feet AMSL fitted to airship/blimp, within 161 km, centered around NL 36-27-15; WL 76-12-07
- (3) Lakehurst (OCEAN), NJ - NL 40-02-00; WL 74-21-13
- (4) MOBILE: Lakehurst (Ocean) NJ, up to 10000 feet AMSL fitted to airship/blimp, within 161 km, centered around NL 40-02-00; WL 74-21-13

Frequency Information

Moyock (CURRITUCK), NC - NL 36-27-15; WL 76-12-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-429 MHz	FX	15K3F1D 9K30F1D	30 W (ERP)	

This authorization effective August 27, 2009 and
will expire 3:00 A.M. EST October 01, 2011

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1700-1820 MHz	MO	6M00F3F	10 W (ERP)	

Lakehurst (OCEAN), NJ - NL 40-02-00; WL 74-21-13

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Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.