

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

EXPERIMENTAL

(Nature of Service)

WE2XFH

(Call Sign)

XR FX MO

(Class of Station)

0149-EX-RR-2014

(File Number)

NAME Bigelow Aerospace, 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(c) of the Commission's Rules

Station Locations

- (1) North Las Vegas (CLARK), NV - NL 36-12-45; WL 115-10-04; MOBILE: Receive only, North Las Vegas, NV, within 50 km, centered around NL 36-12-45; WL 115-10-04
- (2) Naalehu (HAWAII), HI - NL 19-00-49; WL 115-39-48; MOBILE: Receive only, Naalehu, HI, within 50 km, centered around NL 19-00-49; WL 115-39-48
- (3) North Pole (Fairbanks North Star), AK - NL 64-48-15; WL 147-30-01; MOBILE: Receive only, North Pole, AK, within 50 km, centered around NL 64-48-15; WL 147-30-01
- (4) NONGEOSTATIONARY, SP; MOBILE: North America (Space to earth)
- (5) Loring AFB (AROOSTOOK), ME - NL 46-57-18; WL 67-54-18; MOBILE: Receive only, Loring AFB, within 50 km, centered around NL 46-57-18; WL 67-54-18

Frequency Information

North Las Vegas (CLARK), NV - NL 36-12-45; WL 115-10-04; MOBILE: Receive only, North Las Vegas, NV, within 50 km, cer

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8482-8492 MHz	FX			

This authorization effective July 01, 2014 and
will expire 3:00 A.M. EST July 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Naalehu (HAWAII), HI - NL 19-00-49; WL 115-39-48; MOBILE: Receive only, Naalehu, HI, within 50 km, centered around NL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8482-8492 MHz	FX			

North Pole (Fairbanks North Star), AK - NL 64-48-15; WL 147-30-01; MOBILE: Receive only, North Pole, AK, within 50 km, ce

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NONGEOSTATIONARY, SP; MOBILE: North America (Space to earth)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8482-8492 MHz	MO	10M0D1D	9.5 W (ERP)	

Loring AFB (AROOSTOOK), ME - NL 46-57-18; WL 67-54-18; MOBILE: Receive only, Loring AFB, within 50 km, centered arc

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8482-8492 MHz	FX			

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.
- (3) Operation on this assignment is subject to immediate cessation, if it causes harmful interference to FAA assignments.

Special Conditions:

- (4) The designated point-of-contact to terminate transmissions if interference occurs is Peter Blouke at (702) 785-3877 or Jay Ingham at (702) 622-2938.