

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

EXPERIMENTAL

(Nature of Service)

WM2XCR

(Call Sign)

XC FX MO

(Class of Station)

0663-EX-CN-2021

(File Number)

NAME Sikorsky, A Lockheed Martin Company

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) Stratford (FAIRFIELD), CT - NL 41-15-12; WL 73-05-22; MOBILE: Within 120 km of coordinates, 10000 feet AGL, within 120 km, centered around NL 41-15-12; WL 73-05-22
- (2) Jupiter (PALM BEACH), FL - NL 26-54-30; WL 80-19-42; MOBILE: Within 120 km of coordinates, 10000 feet AGL, within 120 km, centered around NL 26-54-30; WL 80-19-42
- (3) Rome (ONEIDA), NY - NL 43-14-02; WL 75-24-25; MOBILE: Within 120 km of coordinates, 10000 feet AGL, within 120 km, centered around NL 43-14-02; WL 75-24-25
- (4) Yuma (YUMA), AZ - NL 32-51-52; WL 114-23-34; MOBILE: Within 300 km of coordinates, 10000 feet AGL, within 300 km, centered around NL 32-51-52; WL 114-23-34
- (5) Clarksville (MONTGOMERY), TN - NL 36-34-09; WL 87-28-35; MOBILE: Within 120 km of coordinates, 10000 feet AGL, within 120 km, centered around NL 36-34-09; WL 87-28-35

Frequency Information

Stratford (FAIRFIELD), CT - NL 41-15-12; WL 73-05-22; MOBILE: Within 120 km of coordinates, 10000 feet AGL, within 120 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5865 MHz	FX	22M6D7W	305.5 W (ERP)	0.005 %

This authorization effective September 30, 2021 and
will expire 3:00 A.M. EST October 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



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5725-5865 MHz	MO	22M6D7W 11M3D7W	20.7 W (ERP)	0.005 %

Jupiter (PALM BEACH), FL - NL 26-54-30; WL 80-19-42; MOBILE: Within 120 km of coordinates, 10000 feet AGL, within 120 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5865 MHz	FX	22M6D7W 11M3D7W	305.5 W (ERP)	0.005 %
5725-5865 MHz	MO	22M6D7W 11M3D7W	20.7 W (ERP)	0.005 %

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Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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 HR0011-17-9-0004. 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) Operation not to exceed 10000 ft AGL.

Special Conditions:

- (6) The designated point-of-contact to terminate transmissions if interference occurs is William Ference at (203) 216-3336.