

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WJ2XFO

(Call Sign)

0035-EX-CR-2020

(File Number)

NAME NextNav 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(cb) of the Commission's Rules

Station Locations

- (1) Hampton, VA - NL 37-05-42; WL 76-22-50
- (2) Hampton, VA - NL 37-06-06; WL 76-23-26
- (3) Hampton, VA - NL 37-06-21; WL 76-22-59
- (4) Hampton, VA - NL 37-05-43; WL 76-23-18
- (5) Hampton, VA - NL 37-05-18; WL 76-22-55
- (6) Hampton, VA - NL 37-05-23; WL 76-22-31
- (7) Hampton, VA - NL 37-06-11; WL 76-22-50
- (8) Hampton, VA - NL 37-06-13; WL 76-23-15
- (9) Hampton, VA - NL 37-05-07; WL 76-22-39
- (10) Hampton, VA - NL 37-05-29; WL 76-23-09

Frequency Information

Hampton, VA - NL 37-05-42; WL 76-22-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
924.442 MHz	FX	5M11W1D	30 W (ERP)	
925.977 MHz	FX	2M04W1D	30 W (ERP)	

This authorization effective March 01, 2020 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Hampton, VA - NL 37-06-06; WL 76-23-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
924.442 MHz	FX	5M11W1D	30 W (ERP)	
925.977 MHz	FX	2M04W1D	30 W (ERP)	

Hampton, VA - NL 37-06-21; WL 76-22-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
924.442 MHz	FX	5M11W1D	30 W (ERP)	
925.977 MHz	FX	2M04W1D	30 W (ERP)	

Hampton, VA - NL 37-05-43; WL 76-23-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
924.442 MHz	FX	5M11W1D	30 W (ERP)	
925.977 MHz	FX	2M04W1D	30 W (ERP)	

Frequency Information

Hampton, VA - NL 37-05-18; WL 76-22-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
924.442 MHz	FX	5M11W1D	30 W (ERP)	
925.977 MHz	FX	2M04W1D	30 W (ERP)	

Hampton, VA - NL 37-05-23; WL 76-22-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
924.442 MHz	FX	5M11W1D	30 W (ERP)	
925.977 MHz	FX	2M04W1D	30 W (ERP)	

Hampton, VA - NL 37-06-11; WL 76-22-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
921.8845-926.9995 MHz	FX	5M11W1D	30 W (ERP)	
924.442 MHz	FX	5M11W1D	30 W (ERP)	
924.954-927 MHz	FX	2M04W1D	30 W (ERP)	

Frequency Information

Hampton, VA - NL 37-06-11; WL 76-22-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925.977 MHz	FX	2M04W1D	30 W (ERP)	

Hampton, VA - NL 37-06-13; WL 76-23-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
921.8845-926.9995 MHz	FX	5M11W1D	30 W (ERP)	
924.442 MHz	FX	5M11W1D	30 W (ERP)	
924.954-927 MHz	FX	2M04W1D	30 W (ERP)	
925.977 MHz	FX	2M04W1D	30 W (ERP)	

Hampton, VA - NL 37-05-07; WL 76-22-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
921.8845-926.9995 MHz	FX	5M11W1D	30 W (ERP)	
924.442 MHz	FX	5M11W1D	30 W (ERP)	

Frequency Information

Hampton, VA - NL 37-05-07; WL 76-22-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
924.954-927 MHz	FX	2M04W1D	30 W (ERP)	
925.977 MHz	FX	2M04W1D	30 W (ERP)	

Hampton, VA - NL 37-05-29; WL 76-23-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
921.8845-926.9995 MHz	FX	5M11W1D	30 W (ERP)	
924.442 MHz	FX	5M11W1D	30 W (ERP)	
924.954-927 MHz	FX	2M04W1D	30 W (ERP)	
925.977 MHz	FX	2M04W1D	30 W (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) Licensee must obtain the consent of all affected Location & Monitoring Service licensees (902-928 MHz) within 80 km of the test area.

Special Conditions:

- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by NASA Langley Research Center contract no. 80Larc17P0026. 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) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
>Location & Monitoring Service licensees (902-928 MHz)
- (6) FAA concurrence is limited to proof-of-concept, and is not an endorsement of using 902-928 MHz band for safety-of-life as an experimental licensee. Further development and implementation should seek a frequency band properly allocated for safety-of-life, and Federal usage should be submitted to NTIA for SPS certification by the Federal sponsor.
- (7) DURING TRANSMISSION, AIRCRAFT SHALL NOT EXCEED 100 FEET IN ALTITUDE.