

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WO9XXM

(Call Sign)

2397-EX-ST-2019

(File Number)

NAME Systems & Technology Research

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Perform tests with a Radar system outdoors to attempt to detect controlled airborne targets.

Station Locations

- (1) Boulder (BOULDER), CO - NL 40-08-03; WL 105-14-35
- (2) Haverhill (ESSEX), MA - NL 42-46-34; WL 71-04-45

Frequency Information

Boulder (BOULDER), CO - NL 40-08-03; WL 105-14-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.2-10 GHz	FX	100MF3N	1.585 kW (ERP)	0.00001 %

This authorization effective January 31, 2020 and
will expire 3:00 A.M. EST March 31, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Haverhill (ESSEX), MA - NL 42-46-34; WL 71-04-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.2-9.5 GHz	FX	100MF3N	1.585 kW (ERP)	0.00001 %

Special Conditions:

- (1) The end date of this STA will be 30 March 2020 to coincide with the contract (W15QKN-17-C-0026) extension end date.
- (2) Operations at the Haverhill, MA location must be coordinated with Hanscom Air Force Base Spectrum Management Office. James Conrad, James.conrad.7@us.af.mil, james.j.conrad10.civ@mail.smil.mil, Installation Spectrum Management Office, Hanscom AFB, MA 01731, Phone: (781) 225-6020 DSN: 845-6020.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Government Contract No. W15QKN-17-C-0026. 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.