

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

EXPERIMENTAL

(Nature of Service)

WI9XRV

(Call Sign)

XT FX MO

(Class of Station)

0639-EX-ST-2015

(File Number)

NAME Aurora Flight Sciences

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:

Please explain the purpose of operation: DARPA Contract HR0011-14-C-0014 for experimental vehicle demonstration.

Station Locations

(1) St. Inigoes (ST MARYS), MD - NL 38-08-56; WL 76-25-44; MOBILE: , within 3.7 km

Frequency Information

St. Inigoes (ST MARYS), MD - NL 38-08-56; WL 76-25-44; MOBILE: , within 3.7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2450-2483.5 MHz	MO	7M00Q1D	3 W (ERP)	0.0001 %
2450-2483.5 GHz	FX	7M00Q1D 7M00Q1D	16 W (ERP)	0.0001 %

This authorization effective June 22, 2015 and
will expire 3:00 A.M. EST December 22, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1)
 1. Aurora Flight Sciences must stay within the 2450 - 2483.5 MHz band.
 - a. The remaining requested band does not allow aeronautical mobile operations.
 2. Aurora Flight Sciences must stay within R4005.
- (2) Aurora must coordinate with the local SBE frequency coordinator and the Fixed Microwave Service licensees