

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

EXPERIMENTAL

(Nature of Service)

XT      FX MO

(Class of Station)

WF9XWG

(Call Sign)

0565-EX-ST-2012

(File Number)

NAME Aeronix Inc.

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:**

Test and experimentation of a new telemetry radio on a manned aircraft.

**Station Locations**

- (1) Linthicum (ANNE ARUNDEL), MD - NL 39-12-31; WL 76-40-52
- (2) MOBILE: Radius of operation around fixed antenna in this application., within 278 km, centered around NL 39-12-31; WL 76-40-52

**Frequency Information**

Linthicum (ANNE ARUNDEL), MD - NL 39-12-31; WL 76-40-52

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2.47-2.49 GHz | FX            | 17M5D2D             | 7.9 kW (ERP)     | 0.0002 %                  |

This authorization effective August 24, 2012 and  
will expire 3:00 A.M. EST January 25, 2013

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



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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) The radio link, operating in the ISM in excess of FCC Part 18 rules, shall not be used for safety-of-life purposes and command/control of unmanned airborne stations/drones.