

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WF2XCW

(Call Sign)

0248-EX-PL-2009

(File Number)

NAME STI AVIATION, INC.

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(i) of the Commission's Rules

Station Locations

(1) Moyock (CURRITUCK), NC - NL 36-27-25; WL 76-12-27

Frequency Information

Moyock (CURRITUCK), NC - NL 36-27-25; WL 76-12-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1176.45 MHz	FX	20M4W7D	11 pW (ERP)	
1227.6 MHz	FX	20M4W7D	11 pW (ERP)	
1575.42 MHz	FX	20M4W7D	17 pW (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) 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.

This authorization effective September 28, 2009 and
will expire 3:00 A.M. EST September 28, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Bernard Bros or Mr. Thorwald Eide at (252) 435-0780, (252) 435-0711 or (252) 435-0884.
- (5) GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.
- (6) The STI Aviation, Inc. shall post signs on doors to the test area notifying that, "GPS re-radiator is in use and the GPS information you receive may be in error."
- (7) The test equipment shall be fixed, used only indoors and under the control of the STI Aviation, Inc.