

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WD2XUJ

(Call Sign)

0046-EX-AL-2015

(File Number)

NAME Textron 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) Greensboro (GUILFORD), NC - NL 36-05-31; WL 79-56-20
- (2) Orlando (ORANGE), FL - NL 28-26-51; WL 81-19-53

Frequency Information

Greensboro (GUILFORD), NC - NL 36-05-31; WL 79-56-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1575.42 MHz	FX	24M0G1D	34.7 pW (ERP)	0.001 %

Orlando (ORANGE), FL - NL 28-26-51; WL 81-19-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1227.6 MHz	FX	24M0G1D	24.1 pW (ERP)	0.001 %

This authorization effective September 22, 2015 and
will expire 3:00 A.M. EST October 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Orlando (ORANGE), FL - NL 28-26-51; WL 81-19-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1227.6 MHz	FX	24M0G1D	4.27 pW (ERP)	0.001 %
1575.42 MHz	FX	24M0G1D	7.75 pW (ERP)	0.001 %
1575.42 MHz	FX	24M0G1D	14.82 pW (ERP)	0.001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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.
- (3) GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.
- (4) The designated point-of-contacts to terminate transmissions if interference occurs are:
Greensboro, NC: Steve Davis 336-605-7000, Mr. James Heasley 336-541-1771 and Mr. Danny Hankins at 620-332-0432
Orlando, FL:
Mr. Robert Decker at 407-816-6833, Mr. Daniel Grace 407-816-6900, Mr. Walter Berchtold at (407) 859-1245 and Mr. Danny Hankins at 620-332-0432.
- (5) Operation is limited to activity for the purpose of testing radionavigation satellite service (RNSS) equipment and systems.
- (6) This frequency assignment on 1227.6 MHz was coordinated prior to authorization with the FAA Southern Coordinator, Atlanta, Georgia. Use of this frequency under the authority of this assignment is subject to such further coordination with the FAA Southern Coordinator, Atlanta, Georgia, as necessary to ensure compatibility with existing uses.
- (7) Licensee is required to post signs on doors to the testing area notifying that, "GPS re-radiator is in use and the GPS information you receive may be in error."
- (8) No EIRP greater than -140 dBm/24 MHz at 100 feet is used.
- (9) The test equipment shall only be used in doors and shall be under the control of Cessna Aircraft Company.