

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

EXPERIMENTAL

(Nature of Service)

W12XMQ

(Call Sign)

XT MO

(Class of Station)

0551-EX-PL-2016

(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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: Nashville, TN, within 185 km, centered around NL 36-10-44; WL 86-52-56
- (2) MOBILE: Tampa, FL, within 185 km, centered around NL 27-58-50; WL 82-32-05

Frequency Information

MOBILE: Nashville, TN, within 185 km, centered around NL 36-10-44; WL 86-52-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4761 MHz	MO	8M00D7W 16M5D7W	18.25 W (ERP)	0.00025 %
4895 MHz	MO	8M00D7W 16M5D7W	18.25 W (ERP)	0.00025 %

This authorization effective September 02, 2016 and
will expire 3:00 A.M. EST September 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Tampa, FL, within 185 km, centered around NL 27-58-50; WL 82-32-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4750 MHz	MO	8M00D7W 16M5D7W	18.25 W (ERP)	0.00025 %
4850 MHz	MO	8M00D7W	18.25 W (ERP)	0.00025 %

Special Conditions:

- (1) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Textron Aviation must notch 4845 MHz +/- 8 MHz to protect Department of Justice operations.