

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

EXPERIMENTAL

(Nature of Service)

WS9XHG

(Call Sign)

XT MO

(Class of Station)

0680-EX-ST-2021

(File Number)

NAME Textron Systems

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:

To demonstrate the Aerosonde UAV.

Station Locations

(1) MOBILE: Salisbury, MD, within 186 km, centered around NL 38-20-21; WL 75-30-27

Frequency Information

MOBILE: Salisbury, MD, within 186 km, centered around NL 38-20-21; WL 75-30-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1390 MHz	MO	185KF1D	1 W (ERP)	0.002 %
1370-1390 MHz	MO	185KF1D	20 W (ERP)	0.002 %
4405-4415 MHz	MO	10M0D1D	6 W (ERP)	0.002 %

This authorization effective August 02, 2021 and
will expire 3:00 A.M. EST August 14, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



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.
- (3) Textron Systems may not operate in the 2215 - 2225 MHz band due to HIA to ongoing federal operations.
- (4) Textron Systems may not operate in the 329.86 - 330.14 MHz band due to HIA to ongoing federal operations.
- (5) Textron Systems must provide Air Force (Jimmy.Nguyen@us.af.mil) with the stop buzzer POC/s prior to operation.
- (6) All operations in the 1370-1390 MHz band shall comply with the limits of unwanted emission recommendations specified in ITU Resolution 750 (Rev. WRC-19).
- (7) All operations are on a non-interference basis to authorized federal users, and long term or multiple location use of the requested frequency bands may not be possible. Textron Systems should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
- (8) FAA authorizes one-time test for proof on concept for military contract. The operating frequency should be between 1370 and 1390 MHz.
- (9) Operation is subject to prior coordination with FAA.
- (10) Operation is not permitted using the frequency band 1350-1370 MHz.