

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

EXPERIMENTAL

(Nature of Service)

WO9XJD

(Call Sign)

XT FX MO

(Class of Station)

1871-EX-ST-2019

(File Number)

NAME The Boeing Company

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 Radar for DAA Capabilities

Station Locations

- (1) Midland, VA - NL 38-35-13; WL 77-42-37; MOBILE: Air Ops 7500ft AGL KHWY, Midland, VA, within 150 km, centered around NL 38-35-13; WL 77-42-37

Frequency Information

Midland, VA - NL 38-35-13; WL 77-42-37; MOBILE: Air Ops 7500ft AGL KHWY, Midland, VA, within 150 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3250-3450 MHz		20M0M2N	32000 W (ERP)	

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective November 15, 2019 and
will expire 3:00 A.M. EST May 03, 2020

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COMMISSION**



Special Conditions:

- (3) The Boeing Company should be aware that concurrence with testing under this application in no way implies automatic approval in any current or future submissions.
- (4) The Boeing Company is encouraged to pursue further DAA development in a properly allocated band that is suitable for safety of life.
- (5) The Boeing Company must coordinate with the National Radio Quiet Zone (NRQZ); Paulette Woody, nrqz@gb.nrao.edu, 304-456-2107 prior to operations.
- (6) The Boeing Company should be aware that the requested band, in accordance with Footnote G2, is primary for Federal radiolocation. It is highly recommended that further development for DAA be in a properly allocated band suitable for safety-of-life. The Boeing Company should have no expectations of automatic approval in this band in future submissions.
- (7) The Boeing Company must coordinate with Navy & Marine Corps Spectrum Office Atlantic (NMCSO LANT) 757-444-4586, nmcsolant_frequency_action@navy.mil and mid-Atlantic Area Frequency Coordinator, robert.n.goddard@navy.mil 72 hours prior to operations and provide a current stop buzzer contact name and phone number in the event that interference is encountered
- (8) Future STA requests to extend this authorization will not be considered.