

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

EXPERIMENTAL

(Nature of Service)

WL9XRD

(Call Sign)

XT FX MO

(Class of Station)

1123-EX-ST-2017

(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:

To conduct testing of modified equipment to ensure shielding remains unaffected.

Station Locations

- (1) Crestview (OKALOOSA), FL - NL 30-46-04; WL 86-30-55; MOBILE: Within compounds of L3 facility. Crestview, FL, within 5 km, centered around NL 30-46-04; WL 86-30-55

Frequency Information

Crestview (OKALOOSA), FL - NL 30-46-04; WL 86-30-55; MOBILE: Within compounds of L3 facility. Crestview, FL, within 5 k

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4200-4400 MHz	FX	170MPOW	2 W (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 October 01, 2017 and
will expire 3:00 A.M. EST April 02, 2018

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Operation is subject to prior coordination with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).
- (4) Due to this testing being performed at airport locations, user must adhere to standards per FCC rules for testing radio altimeters to avoid RFI to aviation operations.
- (5) Stop Buzzers, Neil Blaho at 610-529-6411/610-591-6478 and Daniel McNeil at 714-642-7485.
- (6) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (7) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications
- (8) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (9) Ensure that the operation will not cause harmful interference to any existing registered stations in the 3700-4200 MHz band, and notify the registered users in the proposed areas.
- (10) Concurrence is based upon The Boeing Company's willingness to operate within the 4200 - 4400 MHz band while not exceeding the lower and/or upper limits of the band.