

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WH2XAT

(Call Sign)

0160-EX-CR-2020

(File Number)

NAME Lockheed Martin Corporation

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(j) of the Commission's Rules

Station Locations

- (1) Moorestown (BURLINGTON), NJ - NL 39-58-35; WL 74-55-07; MOBILE: Moorestown, NJ, within 5 km, centered around NL 39-58-35; WL 74-55-07

Frequency Information

Moorestown (BURLINGTON), NJ - NL 39-58-35; WL 74-55-07; MOBILE: Moorestown, NJ, within 5 km, centered around NL 3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	FX	189KV7D	200 W (ERP)	

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

This authorization effective April 01, 2020 and
will expire 3:00 A.M. EST April 01, 2022

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COMMISSION**



Special Conditions:

- (4) Lockheed Martin Corporation must comply with the terms of any L-band satellite operator-to-operator coordination agreement. In the absence of a continuing L-band operator-to-operator coordination agreement, operations of METs in the 1525-1559 and 1626.5-1660.5 MHz bands will be on a non-harmful interference basis until a future operator-to-operator agreement is concluded. In this instance, each licensee must notify the other operators in these frequency bands that it will be operating on a nonharmful interference basis.
- (5) Prior to commencing operations, Lockheed Martin shall coordinate its use of the band 1626.5-1660.5 MHz with LightSquared and Inmarsat MSS operations.
- (6) POINT OF COMMUNICATION: I-4 Americas Satellite