

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WK2XDP

(Call Sign)

0472-EX-CR-2019

(File Number)

NAME Telephonics 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(g, i) of the Commission's Rules

Station Locations

- (1) MOBILE: Farmingdale, NY, within 416 km, centered around NL 40-43-53; WL 73-25-19
- (2) Farmingdale (SUFFOLK), NY - NL 40-43-53; WL 73-25-19
- (3) Farmingdale (SUFFOLK), NY - NL 40-43-53; WL 73-25-19

Frequency Information

MOBILE: Farmingdale, NY, within 416 km, centered around NL 40-43-53; WL 73-25-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	MO	18M0V1D	125 W (ERP)	

Farmingdale (SUFFOLK), NY - NL 40-43-53; WL 73-25-19

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This authorization effective August 31, 2019 and
will expire 3:00 A.M. EST September 01, 2021

**FEDERAL
COMMUNICATIONS
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Frequency Information

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1030 MHz	FX	18M0V1D	125 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) During transmission, aircraft shall not exceed the altitude 1,000 ft AGL.
- (5) Operation is subject to prior coordination with FAA headquarters, 800 Independence Avenue, S.W., Washington, D.C 20591. Phone: 202-267-8699.
- (6) IFF will operate with FAI-54M antenna with 21 dBi gain and control pattern for ISLS.
- (7) Lock out range 60 nm and transmission are limited to 65-170 degrees referenced to true North.
- (8) All other angles must be blanked modes 1, 2, 3A, C and S.
- (9) Modes S is limited to short formats UF11, UF4 and UF5.
- (10) At the end of each week, Telephonics Corporation shall provide an email to FAA (OSCAR.VALLE-COLON(AT)FAA.GOV) with information regarding days and times where system was performing radiations.
- (11) II code=15, if the US government needs to conduct any mode S operation (with II=15) that may overlap the Telephonics Corporation operation, Telephonics Corporation will be informed to reinstate its operation.
- (12) Operation is based on non-interference basis.
- (13) Stop Buzzer, Joseph Colucci at 631-455-0844.