

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WJ2XMG

(Call Sign)

0341-EX-CR-2019

(File Number)

NAME Airobotics Inc.

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(k) of the Commission's Rules

Station Locations

- (1) San Manuel (PINAL), AZ - NL 32-37-34; WL 110-35-32
- (2) MOBILE: San Manuel, AZ: airborne max altitude 400 ft. AGL, within 4.5 km, centered around NL 32-37-34; WL 110-35-32
- (3) San Manuel (PINAL), AZ - NL 32-37-34; WL 110-35-32

Frequency Information

San Manuel (PINAL), AZ - NL 32-37-34; WL 110-35-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	500KD7W	398 mW (ERP)	
2300-2310 MHz	FX	10M0D7W	0.24 W (ERP)	

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

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Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2300-2310 MHz	MO	10M0D7W	0.24 W (ERP)	

San Manuel (PINAL), AZ - NL 32-37-34; WL 110-35-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
430-450 MHz	FX	2M00D7W	608 mW (ERP)	
902-928 MHz	FX	500KD7W	145 mW (ERP)	

Special Conditions:

- (1) Licensee is required to file a PROGRESS REPORT every 12 months from the date of grant. This progress report shall be filed with Federal Communications Commission; Experimental Licensing Branch, MS 1300E1; 445 12 Street, S.W.; Washington, DC 20554.
- (2) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (3) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (4) Licensee is required to ensure that trial devices are either rendered inoperable or retrieved by them from trial participants at the conclusion of the trial. Licensee is required to notify trial participants in advance that operation of the trial device is subject to this condition.
- (5) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (6) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (7) Prior to commencing any operations, the applicant must obtain consent from the WCS (2305-2320 MHz/2345-2360 MHz) licensee (AT&T).

Special Conditions:

- (8) Prior to commencing any operations, licensee must obtain consent from Location & Monitoring Service licensees (902-928 MHz) within 80 km of the contours of the testing area.