

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

EXPERIMENTAL
(Nature of Service)

XC MO
(Class of Station)

WP2XOO
(Call Sign)

0114-EX-CM-2026
(File Number)

NAME Aviation Systems Engineering Company (ASEC)

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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Deerfield Airport, Leonardtown, MD, within 0.5 km, centered around NL 38-14-18; WL 76-39-35
- (2) MOBILE: ASEC Laboratory, Lexington Park, MD, within 0.02 km, centered around NL 38-15-59; WL 76-27-18
- (3) MOBILE: Private Test Site, Hollywood, MD, within 0.1 km, centered around NL 38-22-02; WL 76-37-15
- (4) MOBILE: Pinecastle Test Range Altoona, FL, within 2 km, centered around NL 29-07-06; WL 81-43-03
- (5) MOBILE: Pinecastle Range Control, Altoona, FL, within 0.5 km, centered around NL 29-08-38; WL 81-38-02

Frequency Information

MOBILE: Deerfield Airport, Leonardtown, MD, within 0.5 km, centered around NL 38-14-18; WL 76-39-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
276.4346-276.5654 MHz	MO	130KF1D	0.54 W (ERP)	0.02 %
276.5 MHz	MO	130KF1D	0.54 W (ERP)	0.002 %

This authorization effective July 15, 2026 and
will expire 3:00 A.M. EST August 31, 2027

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

MOBILE: Deerfield Airport, Leonardtown, MD, within 0.5 km, centered around NL 38-14-18; WL 76-39-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
392.2125-399.532 MHz	MO	130KF1D	0.537 W (ERP)	0.02 %

MOBILE: ASEC Laboratory, Lexington Park, MD, within 0.02 km, centered around NL 38-15-59; WL 76-27-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
276.4346-276.5654 MHz	MO	130KF1D	0.54 W (ERP)	0.02 %
276.5 MHz	MO	130KF1D	0.54 W (ERP)	0.002 %
392.2125-399.532 MHz	MO	130KF1D	0.537 W (ERP)	0.02 %

MOBILE: Private Test Site, Hollywood, MD, within 0.1 km, centered around NL 38-22-02; WL 76-37-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
276.4346-276.5654 MHz	MO	130KF1D	0.54 W (ERP)	0.02 %
276.5 MHz	MO	130KF1D	0.54 W (ERP)	0.02 %
392.2125-399.532 MHz	MO	130KF1D	0.537 W (ERP)	0.02 %

Frequency Information

MOBILE: Pinecastle Test Range Altoona, FL, within 2 km, centered around NL 29-07-06; WL 81-43-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
392.2125-399.532 MHz	MO	130KF1D	0.537 W (ERP)	0.02 %

MOBILE: Pinecastle Range Control, Altoona, FL, within 0.5 km, centered around NL 29-08-38; WL 81-38-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
392.2125-399.532 MHz	MO	130KF1D	0.537 W (ERP)	0.02 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by DoN NAWCWD Contract Number N6893624C0033. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (3) Stop Buzzer Point of Contact:
Jonathan Yarum
Cellphone: 507-351-8796
jonathan.yarum@asec-incorporated.com
- (4) EXPERIMENTAL LICENSEE MUST SCHEDULE ALL TESTS AT LEAST 7-DAYS PRIOR TO AVOID DOD OPS: MIDLANT AFC, SCOTT HOSCHAR, 301.342.9549, scott.a.hoschar.civ@us.navy.mil TESTING EVENTS WILL BE INPUT INTO THE IFDS (BY MIDLANT)
- (5) EXPERIMENTAL LICENSEE MUST SCHEDULE ALL TESTS AT LEAST 7-DAYS PRIOR TO AVOID DOD OPS: EASTERN AFC, ROBERT CRAIG, 321.853.8426, Robert.Craig.12@spaceforce.mil
- (6) No automatic renewal.