

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

EXPERIMENTAL

(Nature of Service)

WF2XMK

(Call Sign)

XD MO

(Class of Station)

0261-EX-PL-2010

(File Number)

NAME AAI / TEXTRON SYSTEMS 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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Wallops (ACCOMACK), VA at the NASA GSFC Wallops Flight facility test range., within 40 km, centered around NL 37-56-27; WL 75-27-33
- (2) MOBILE: Blackstone (NOTTOWAY), VA at the Fort Pickett Army test range., within 40 km, centered around NL 37-05-22; WL 77-52-55
- (3) MOBILE: Yuma (YUMA), AZ at the Army Proving Ground test range., within 40 km, centered around NL 32-58-25; WL 114-16-19
- (4) MOBILE: Lexington Park (St. MARYS), MD at the NAS Patuxent River test range., within 40 km, centered around NL 38-08-45; WL 76-25-42
- (5) MOBILE: New Hanover (BURLINGTON), NJ at the Fort Dix Army test range., within 40 km, centered around NL 40-00-53; WL 74-29-38
- (6) MOBILE: Salina (SALINE), KS at the Smoky Hill Air National Guard (ANG) Range., within 20 km, centered around NL 38-41-51; WL 97-51-00

Frequency Information

MOBILE: Wallops (ACCOMACK), VA at the NASA GSFC Wallops Flight facility test range., within 40 km, centered around NL 37-56-27; WL 75-27-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434.325 MHz	MO	20K0F3D	200 mW (ERP)	

This authorization effective August 23, 2010 and
will expire 3:00 A.M. EST August 23, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Wallops (ACCOMACK), VA at the NASA GSFC Wallops Flight facility test range., within 40 km, centered around NL 37-56-27; WL 75-27-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2250 MHz	MO	12M0F3F	2 W (ERP)	

MOBILE: Blackstone (NOTTOWAY), VA at the Fort Pickett Army test range., within 40 km, centered around NL 37-05-22; WL 77-52-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434.325 MHz	MO	20K0F3D	200 mW (ERP)	
2250 MHz	MO	12M0F3F	2 W (ERP)	

MOBILE: Yuma (YUMA), AZ at the Army Proving Ground test range., within 40 km, centered around NL 32-58-25; WL 114-16-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434.325 MHz	MO	20K0F3D	200 mW (ERP)	
2250 MHz	MO	12M0F3F	2 W (ERP)	

MOBILE: Lexington Park (St. MARYS), MD at the NAS Patuxent River test range., within 40 km, centered around NL 38-08-45; WL 76-25-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434.325 MHz	MO	20K0F3D	200 mW (ERP)	

Frequency Information

MOBILE: Lexington Park (St. MARYS), MD at the NAS Patuxent River test range., within 40 km, centered around NL 38-08-45; WL 76-25-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2250 MHz	MO	12K0F3F	2 W (ERP)	

MOBILE: New Hanover (BURLINGTON), NJ at the Fort Dix Army test range., within 40 km, centered around NL 40-00-53; WL 74-29-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434.325 MHz	MO	20K0F3D	200 mW (ERP)	
2250 MHz	MO	12M0F3F	2 W (ERP)	

MOBILE: Salina (SALINE), KS at the Smoky Hill Air National Guard (ANG) Range., within 20 km, centered around NL 38-41-51; WL 97-51-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
434.325 MHz	MO	20K0F3D	200 mW (ERP)	
2250 MHz	MO	12M0F3F	2 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.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Michael Mercado, phone 240-925-4158.

Special Conditions:

- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by USMC, CSISC10-AAI Corp-0011-001. 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.