

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WE2XDA

(Call Sign)

0196-EX-ML-2014

(File Number)

NAME Cobham Advanced Electronic Solutions 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(j) of the Commission's Rules

Station Locations

(1) LANSDALE, PA - NL 40-16-10; WL 75-14-46

Frequency Information

LANSDALE, PA - NL 40-16-10; WL 75-14-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20-80 MHz	FX	NON	39.8 mW (ERP)	
80-320 MHz	FX	NON	39.8 mW (ERP)	
80-108 MHz	FX	NON	39.8 mW (ERP)	
121.925-123.6 MHz	FX	NON	39.8 mW (ERP)	

This authorization effective October 28, 2014 and
will expire 3:00 A.M. EST June 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

LANSDALE, PA - NL 40-16-10; WL 75-14-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
128.8-132.025 MHz	FX	N0N	39.8 mW (ERP)	
136-320 MHz	FX	N0N	39.8 mW (ERP)	
320-640 MHz	FX	N0N	39.8 mW (ERP)	
320-406 MHz	FX	N0N	39.8 mW (ERP)	
406.1-640 MHz	FX	N0N	39.8 mW (ERP)	
640-1000 MHz	FX	N0N	39.8 mW (ERP)	

Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Subject to prior coordination with FAA Eastern Regional Office, JFK International Airport, NY 11430, Attn: Frequency Management Office; Telephone 718-712-8343.
- (4) 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.
- (5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (6) Sensor and Antenna Systems, Lansdale, Inc. subject to blank transmissions within +/- 25 kHz of the following frequencies (all in MHz):

323.100, 323.150, 329.450, 329.750, 330.200, 330.350, 332.600, 332.750, 335.600, 339.800, 354.000, 354.150, 363.000, 364.800, 397.900, 408.825, 416.875.

Special Conditions:

- (7) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org. Further renewal of this authorization is subject to prior coordination with SBE.
- (8) Operation was prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Ronald Haraseth; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500. Further renewal of this authorization is subject to prior coordination with APCO.
- (9) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Mike Matsick at (610) 248-3929.
- (10) No transmissions on frequencies (MHz) 243, 254.3, 255.4, 257.8, 257.95, 263.125, 269.25, 269.55, 278.3, 281.45, 282.3, 288.3, 290.2, 290.4, 291.7, 307.25, 317.55, 319.15 plus or minus 6 kHz.
- (11) Operation in 80-640 MHz is subject to immediate cessation if it causes harmful interference to Air Force, Army, Navy, Marine Corps or FAA.