

**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)

0127-EX-CR-2018

(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            | N0N                 | 39.8 mW (ERP)    |                           |
| 80-108 MHz        | FX            | N0N                 | 39.8 mW (ERP)    |                           |
| 121.925-123.6 MHz | FX            | N0N                 | 39.8 mW (ERP)    |                           |
| 128.8-132.025 MHz | FX            | N0N                 | 39.8 mW (ERP)    |                           |

This authorization effective June 01, 2018 and  
will expire 3:00 A.M. EST June 01, 2020

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 136-320 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)    |                           |
| 640-758 MHz   | FX            | N0N                 | 39.8 mW (ERP)    |                           |
| 769-788 MHz   | FX            | N0N                 | 39.8 mW (ERP)    |                           |
| 799-976 MHz   | FX            | N0N                 | 39.8 mW (ERP)    |                           |
| 980-1000 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) Subject to prior coordination with FAA Eastern Regional Office, JFK International Airport, NY 11430, Attn: Frequency Management Office; Telephone 718-712-8343.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

**Special Conditions:**

- (6) Cobham Advanced Electronic Solutions 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.
- (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](mailto:executivedir@sbe.org); information, [www.sbe.org](http://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. Paul Carroll at (267) 372-6239.
- (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.
- (12) Operation is prohibited in 24.99-25.01 MHz band.
- (13) Operation in Band 14 (758-769 MHz and 788-799 MHz) is prohibited.