

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

EXPERIMENTAL

(Nature of Service)

WH2XJQ

(Call Sign)

XT MO

(Class of Station)

0579-EX-PL-2014

(File Number)

NAME Astronics AeroSat 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: CONUS and adjacent international waters

Frequency Information

MOBILE: CONUS and adjacent international waters

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14000-14500 MHz	MO	160KG7D 5M12G7D	16.946 kW (ERP)	

Special Conditions:

- (1) Astronics AeroSat may not operate the system fixed or from any ground vehicle located with 125 KM of NASA's White Sands Complex Earth station at coordinates 322954N 1063631W
- (2) Astronics AeroSat may not operate the system from any aeronautical vehicle operating at any altitude above ground within radio line-of-sight of NASA's White Sands Complex Earth station at coordinates 322954N 1063631W
- (3) Notification of dates, times and locations of any system operation shall be provided to the NASA Goddard Space Flight Center Spectrum Manager, prior to operations via email notification to vincent.s.galbraith@nasa.gov.

This authorization effective September 09, 2014 and
will expire 3:00 A.M. EST September 01, 2016

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COMMUNICATIONS
COMMISSION**

