David Hinkley (M2-241), 2350 E. El Segundo Blvd, El Segundo, CA 90245,

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

EXPERIMENTAL	WG2XVZ
(Nature of Service)	(Call Sign)
XD FX MO	0455-EX-RR-2015
(Class of Station)	(File Number)

NAME Aerospace Corporation, THE

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) El Segundo (LOS ANGELES), CA - NL 33-54-52; WL 118-22-49
(2) San Luis Obispo (SAN LUIS OBISPO), CA - NL 35-18-09; WL 120-39-57
(3) College Station (BRAZOS), TX - NL 30-36-41; WL 96-20-52
(4) Gainsville (ALACHUA), FL - NL 29-38-53; WL 82-20-39
(5) MOBILE: 469 x 927 km orbit at 120 degree inclination

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-54-52; WL 118-22-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	357KF1D 1M09F1D	6908 W (ERP)	0.016 %

San Luis Obispo (SAN LUIS OBISPO), CA - NL 35-18-09; WL 120-39-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	357KF1D	869 W (ERP)	0.016 %

This authorization effective December 01, 2015 and
will expire 3:00 A.M. EST December 01, 2017

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

San Luis Obispo (SAN LUIS OBISPO), CA - NL 35-18-09; WL 120-39-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX		869 W (ERP)	0.016 %
		1M09F1D		

College Station (BRAZOS), TX - NL 30-36-41; WL 96-20-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX		869 W (ERP)	0.00016 %
		1M09F1D		
		357KF1D		

Gainsville (ALACHUA), FL - NL 29-38-53; WL 82-20-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX		869 W (ERP)	0.00016 %
		1M09F1D		
		357KF1D		

MOBILE: 469 x 927 km orbit at 120 degree inclination

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	MO		3 W (ERP)	0.016 %
		357KF1D		
		1M09F1D		

Special Conditions:

(1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.

(2) Satellite Mission: Aerocube5