

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WJ2XOA

(Call Sign)

0471-EX-CN-2018

(File Number)

NAME Continental Automotive Systems, 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) MOBILE: Temporary Fixed Ground Operations Walnut Creek CA, within 0.8 km, centered around NL 37-53-50; WL 122-03-36
- (2) MOBILE: Temporary Fixed Ground Operations Auburn Hills MI, within 1.6 km, centered around NL 42-38-01; WL 83-13-23
- (3) MOBILE: Temporary Fixed Ground Operations Auburn Hills MI, within 6.44 km, centered around NL 42-42-02; WL 83-14-33
- (4) MOBILE: Temporary Fixed Ground Operations Columbus OH, within 16.1 km, centered around NL 40-00-23; WL 82-58-19
- (5) MOBILE: Temporary Fixed Ground Operations Grand Rapids MI, within 10.46 km, centered around NL 42-57-47; WL 85-40-05
- (6) MOBILE: Temporary Fixed Ground Operations Santa Barbara CA, within 6.44 km, centered around NL 34-25-41; WL 119-42-39
- (7) MOBILE: Temporary Fixed Ground Operations Goleta CA, within 4.83 km, centered around NL 34-25-49; WL 119-51-35
- (8) MOBILE: Temporary Fixed Ground Operations Auburn AL, within 12.87 km, centered around NL 32-36-40; WL 85-28-55
- (9) MOBILE: Temporary Fixed Ground Operations San Jose CA, within 2 km, centered around NL 37-24-44; WL 121-56-57
- (10) MOBILE: Temporary Fixed Ground Operations Palo Alto (East), within 3 km, centered around NL 37-28-18; WL 122-08-22

This authorization effective July 10, 2018 and
will expire 3:00 A.M. EST July 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed Ground Operations Walnut Creek CA, within 0.8 km, centered around NL 37-53-50; WL 122-03-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

MOBILE: Temporary Fixed Ground Operations Auburn Hills MI, within 1.6 km, centered around NL 42-38-01; WL 83-13-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

MOBILE: Temporary Fixed Ground Operations Auburn Hills MI, within 6.44 km, centered around NL 42-42-02; WL 83-14-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

MOBILE: Temporary Fixed Ground Operations Columbus OH, within 16.1 km, centered around NL 40-00-23; WL 82-58-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

Frequency Information

MOBILE: Temporary Fixed Ground Operations Grand Rapids MI, within 10.46 km, centered around NL 42-57-47; WL 85-40-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

MOBILE: Temporary Fixed Ground Operations Santa Barbara CA, within 6.44 km, centered around NL 34-25-41; WL 119-42-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

MOBILE: Temporary Fixed Ground Operations Goleta CA, within 4.83 km, centered around NL 34-25-49; WL 119-51-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

MOBILE: Temporary Fixed Ground Operations Auburn AL, within 12.87 km, centered around NL 32-36-40; WL 85-28-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

Frequency Information

MOBILE: Temporary Fixed Ground Operations San Jose CA, within 2 km, centered around NL 37-24-44; WL 121-56-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

MOBILE: Temporary Fixed Ground Operations Palo Alto (East), within 3 km, centered around NL 37-28-18; WL 122-08-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	MO	500MV8N	4 W (ERP)	0.01 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.