



Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 10101 Hillwood Parkway  
 Fort Worth, TX 76177

Aeronautical Study No.  
 2018-AWP-6791-OE

Issued Date: 04/12/2018

Regulatory  
 Fresno MSA Limited Partnership  
 5055 North Point Pkwy  
 NP2NE Network Engineering  
 Alpharetta, GA 30022

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Monopole E DIVISADERO & HWY 180  
 Location: Fresno, CA  
 Latitude: 36-44-33.97N NAD 83  
 Longitude: 119-48-54.62W  
 Heights: 287 feet site elevation (SE)  
 80 feet above ground level (AGL)  
 367 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

**See attachment for additional condition(s) or information.**

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 1.

This determination expires on 10/12/2019 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

**NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.**

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (310) 725-6558, or [ladonna.james@faa.gov](mailto:ladonna.james@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-AWP-6791-OE.

**Signature Control No: 359878580-362404470**

( DNE )

LaDonna James  
Technician

Attachment(s)  
Additional Information  
Frequency Data  
Map(s)

cc: FCC

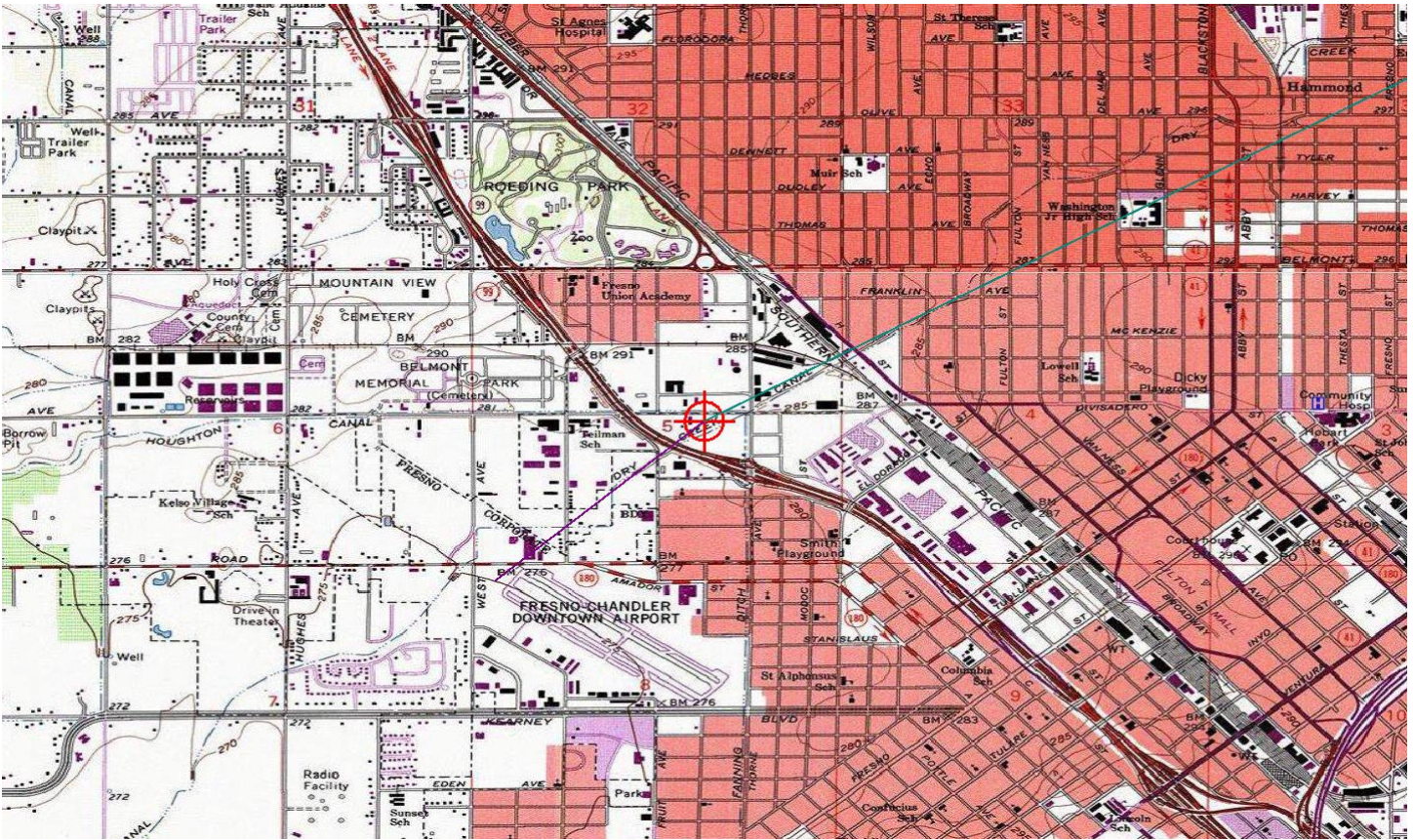
**Additional information for ASN 2018-AWP-6791-OE**

At a distance of 3300 feet from transmitter site spurious emissions, signal levels from proposed transmitters must be less than -104 dBm in the 108-137, 225-400 MHz frequency bands. For any technical questions please contact Mr. John Hepsen/email: [john.hepsen@faa.gov](mailto:john.hepsen@faa.gov) or 480-775-1026.

**Frequency Data for ASN 2018-AWP-6791-OE**

<b>LOW FREQUENCY</b>	<b>HIGH FREQUENCY</b>	<b>FREQUENCY UNIT</b>	<b>ERP</b>	<b>ERP UNIT</b>
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	1000	W
614	698	MHz	2000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W

Verified Map for ASN 2018-AWP-6791-OE



ASR Registration Search

**Registration 1306706**[Map Registration](#)**Registration Detail**

Reg Number	1306706	Status	Granted
File Number	A1099459	Constructed	
EMI	No	Dismantled	
NEPA			

**Antenna Structure**

Structure Type MTOWER - Monopole

**Location** (in NAD83 Coordinates)

Lat/Long	36-44-34.0 N 119-48-54.6 W	Address	309 W Nielsen Ave (2610215)
City, State	Fresno , CA		
Zip	93706	County	FRESNO
Center of AM Array		Position of Tower in Array	

**Heights (meters)**

Elevation of Site Above Mean Sea Level	87.2	Overall Height Above Ground (AGL)	24.4
Overall Height Above Mean Sea Level	111.6	Overall Height Above Ground w/o Appurtenances	24.4

**Painting and Lighting Specifications**

None

**FAA Notification**

FAA Study	2018-AWP-6791-OE	FAA Issue Date	04/12/2018
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**Owner & Contact Information**

FRN	0001842954	Owner Entity Type	Limited Partnership
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**Owner**

Fresno MSA Limited Partnership  
 Attention To: Network Regulatory  
 5055 North Point Pkwy  
 NP2NE Network Engineering  
 Alpharetta , GA 30022

P: (770)797-1070  
 F:  
 E: NetworkRegulatory@VerizonWireless.com

**Contact**

Manager , Regulatory  
 Attention To: Network Regulatory  
 5055 North Point Pkwy  
 NP2NE Network Engineering  
 Alpharetta , GA 30022

P: (770)797-1070  
 F:  
 E: NetworkRegulatory@VerizonWireless.com

**Last Action Status**

Status	Granted	Received	07/09/2018
Purpose	Amendment	Entered	07/09/2018
Mode	Interactive		

**Related Applications**

07/09/2018      A1099459 - Amendment (AM)

**Comments**

**Comments**

None

**History**

**Date**

**Event**

07/10/2018

Registration Printed

**Automated Letters**

07/10/2018

Authorization, Reference

**CLOSE WINDOW**