

KMOS is Seeking to Register the existing tower located at 199 E Clark St. Warrensburg, MO. 64093.

The tower was constructed in April of 1979 (please see attached information) as such it was constructed prior the current environmental assessment requirements.

On 01-09-2025 FAA Aeronautical Study No. 2024-ACE-6397-OE was completed and a “DETERMINATION OF NO HAZARD TO AIR NAVIGATION” was made. The determination letter is attached.

**Information on the structure follows.**

Structure: Antenna Tower University of Central Missouri LPFM Radio Tower

Location: Warrensburg, MO

Latitude: 38-45-27.34N NAD 83

Longitude: 93-44-20.54W

Heights: 922 feet site elevation (SE)

115 feet above ground level (AGL)

1037 feet above mean sea level (AMSL)

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

Aeronautical Study No.  
2024-ACE-6397-OE

Issued Date: 01/09/2025

KMOS-TV  
University of Central Missouri  
PO BOX 800  
Warrensburg, MO 64093

**\*\* 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:	Antenna Tower University of Central Missouri LPFM Radio Tow
Location:	Warrensburg, MO
Latitude:	38-45-27.34N NAD 83
Longitude:	93-44-20.54W
Heights:	872 feet site elevation (SE) 115 feet above ground level (AGL) 987 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:

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 M Change 1.

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, 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.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

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 Terri Johnson, at (404) 305-5540, or [teresa.ctr.johnson@faa.gov](mailto:teresa.ctr.johnson@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2024-ACE-6397-OE.

**Signature Control No: 639870589-643681917**

( DNE )

Julie A. Morgan

Manager, Obstruction Evaluation Group

Attachment(s)

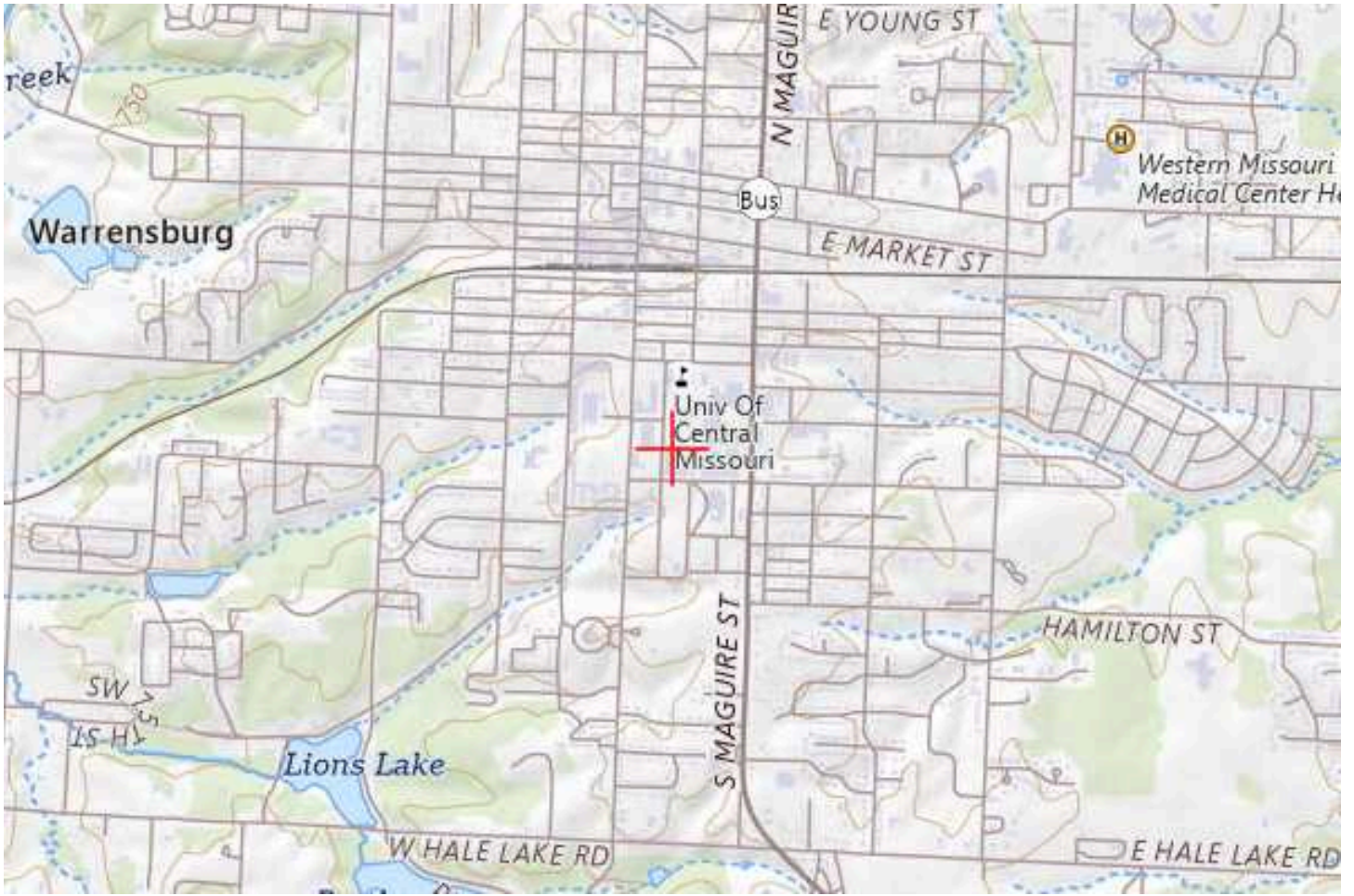
Frequency Data

Map(s)

cc: FCC

Frequency Data for ASN 2024-ACE-6397-OE

<b>LOW FREQUENCY</b>	<b>HIGH FREQUENCY</b>	<b>FREQUENCY UNIT</b>	<b>ERP</b>	<b>ERP UNIT</b>
100.3	100.3	MHz	10	W





01-09-2025

RE: UCM Tower Located at 199 E Clark St.

This tower was constructed in April of 1979 as the microwave tower for KMOS-TV. KMOS-TV is a broadcast television station owned and operated by the University of Central Missouri.

This tower was constructed before environmental studies were required.

At the time of construction it was deemed that the height and location of the tower was not in sufficient to affect any regional air traffic. As such it was determined that an ASR was not needed.

The tower is a guyed mast constructed on a campus building which was constructed in the early 1970s.





CUSTOMER CENTRAL MISSOURI STATE UNIV.

ACK. NO. 84077/4313

CUSTOMER ORDER NO. \_\_\_\_\_

DATE 4-19-79

SITE WARRENSBURG, MO.

PAGE 1 OF 3

BILL OF MATERIAL 60' GUYED TOWER TYPE 2532 (ROOF MOUNTED)

ITEM	NO. REQ'D.	DWG. NO.	PART NO.	DESCRIPTION	CASE NO.	CODE
1	18		#1250	WEJ-1T, 1/2" x 5" LG.		
2						
3	1	23C2334	232334	ANCHOR HEAD (ROOF MOUNTED)		
4	1	23C2334	232334-1	↓ ↓ ↓ ↓		
5	1	23C2335	232335			
6						
7						
8						
9						
10	12	22A0274	22274	LEG, 10' TYPE 2532		
11	3	22A4227	224227	↓ ↓		
12	3	22A4237	224237			
13	3	22A0269	22269	ANGLE, DIAG.		
14	55	22A0267	22267			
15	15	22A0378	22378			INSIDE
16	20	23A0106	23106			W/STEP
17	12	22A4225	224225			X-BRACE
18	12	22A4225	224225-1	↓ ↓		X-BRACE
19	2	22A4228	224228	ANGLE, HORIZ.		
20						
21	1	23A2332	232332	BASE PLATE ASS'Y		
22	1	23A0203	23203	WELDMENT, PIVOT BASE		
23	3	23A0204	23204	WELDMENT, BASE SHOE		
24						
25	30	22A0266	22266	PLATE, SPLICE		
26						
27	1	22A4235	224235	ANGLE, STIFF ARM MOUNTING		
28	2	22A0374	22374	ANGLE, PIPE MOUNT		
29	1			PIPE, 4 1/2" OD x 8'-0" LG.		

CODE  
 B-BOX  
 T-CARTON  
 P-PIECE

D-BUNDLE  
 R-REEL  
 C-COIL

ADVANCE INDUSTRIES  
 SIOUX CITY, IOWA  
 PRINT NO. 25A2506