



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Official Mailing Address:

CITICASTERS LICENSES, INC.  
2625 S. MEMORIAL DRIVE  
SUITE A  
TULSA OK 74129

Facility Id: 29740

Call Sign: KKZN

License File Number: BMML-20120227ACC

Authorizing Official:

Ann Gallagher  
Ann Gallagher  
Senior Engineer  
Audio Division  
Media Bureau

Grant Date: May 04, 2012

This license expires 3:00 a.m.  
local time, April 01, 2013.

This license modifies license no.: BL-19931222AD

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 set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
Local Standard Time (Non-Advanced)

Jan.	7:15 AM	5:00 PM	Jul.	4:45 AM	7:30 PM
Feb.	7:00 AM	5:30 PM	Aug.	5:15 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:45 PM	Oct.	6:15 AM	5:15 PM
May	4:45 AM	7:15 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:30 AM	7:30 PM	Dec.	7:15 AM	4:30 PM

Callsign: KKZN

License No.: BMML-20120227ACC

Name of Licensee: CITICASTERS LICENSES, INC.

Station Location: THORNTON, CO

Frequency (kHz): 760

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 00 Min 33 Sec

Longitude: W 104 Deg 56 Min 21 Sec

Night

Latitude: N 40 Deg 00 Min 33 Sec

Longitude: W 104 Deg 56 Min 21 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 50.0 Night: 1.0

Antenna Input Power (kW): Day: 52.7 Night: 1.1

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 32.45 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1033693	
2	1033695	

Night:

Tower No.	ASRN	Overall Height (m)
1	1033693	
2	1033694	
3	1033695	
4	1033696	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2187.28 Night: 330.17

Standard RMS (mV/m/km): Day: Night:

Augmented RMS (mV/m/km):

Q Factor: Day: 70.711 Night: 11.92

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	89.0
2	1.3500	91.000	134.8100	116.500	0	89.0

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	89.0
2	0.9800	102.000	90.0000	75.000	0	89.0
3	0.8000	-88.000	134.8100	116.500	0	89.0
4	0.8200	170.000	90.0000	158.000	0	89.0

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2		
3	85.5	0.757
4		

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	102.5	1.096
3	-88.3	0.866
4	167.9	0.884

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Antenna Monitor: POTOMAC INSTRUMENTS AM1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The licensee shall perform the measurements described in Section 73.155 at least once within each 24-month period.

\*\*\* END OF AUTHORIZATION \*\*\*