



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

Authorizing Official:

Official Mailing Address:

RADIO LICENSE HOLDING CBC, LLC  
 3280 PEACHTREE ROAD, NW  
 SUITE 2200  
 ATLANTA GA 30305

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Facility Id: 60703

Call Sign: KARN

License File Number: BMML-20161219ADO

Grant Date: March 30, 2017

This license expires 3:00 a.m.  
 local time, June 01, 2020.

This license modifies license no.: BZ-19851223BA

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

Callsign: KARN

License No.: BMML-20161219ADO

Name of Licensee: RADIO LICENSE HOLDING CBC, LLC

Station Location: LITTLE ROCK, AR

Frequency (kHz): 920

Station Class: B

Antenna Coordinates:

Day

Latitude: N 34 Deg 46 Min 20 Sec

Longitude: W 92 Deg 14 Min 45 Sec

Night

Latitude: N 34 Deg 46 Min 20 Sec

Longitude: W 92 Deg 14 Min 45 Sec

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

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Input Power (kW): Day: 5.0 Night: 5.4

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 9.49 Night: 10.39

Resistance (ohms): Day: 55.5 Night: 50

Non-Directional Antenna: Day

Radiator Height: meters; 102 deg

Theoretical Efficiency: 313.82 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1038496	

Night:

Tower No.	ASRN	Overall Height (m)
1	1038496	
2	1038497	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 703.28  
 Standard RMS (mV/m/km): Night: 738.82  
 Augmented RMS (mV/m/km):  
 Q Factor: Night:

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	84.0
2	1.0630	131.500	79.1000	37.500	0	102.0

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Sample	Monitor Current Ratio
1	0	1	
2	132.6	0.917	

Antenna Monitor: POTOMAC AM-19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The ground system consists of: for SW(#1) tower, 180 equally spaced, buried copper radials 100' in length a 48' ground screen. For NE(#2) tower, 180 equally spaced, buried, copper radials 310' in length. Intersecting radials shortened and bonded to a transverse copper strap midway between elements.
- 2 The licensee shall perform the measurements described in 73.155 at least once within each 24-month period.

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