



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

Official Mailing Address: ..

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SAGA COMMUNICATIONS OF ILLINOIS, INC  
PO BOX 2759  
SPRINGFIELD, IL 62708  
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Authorizing Official

*[Signature]*  
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Daniel J. Fontaine  
Supervisory Engineer AM Branch  
Audio Services Division  
Mass Media Bureau

Call Sign: WTAX

Grant Date: **OCT 09 1997**

License File No.: BZ-970521AA

This license expires 3:00 a.m.  
Local time, December 1, 2004

**Direct Measurement of Power**

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 a.m. | 5:00 p.m. | Jul. | 4:45 a.m. | 7:30 p.m. |
| Feb. | 6:45 a.m. | 5:30 p.m. | Aug. | 5:15 a.m. | 7:00 p.m. |
| Mar. | 6:15 a.m. | 6:00 p.m. | Sep. | 5:45 a.m. | 6:15 p.m. |
| Apr. | 5:30 a.m. | 6:30 p.m. | Oct. | 6:15 a.m. | 5:15 p.m. |
| May  | 4:45 a.m. | 7:00 p.m. | Nov. | 6:45 a.m. | 4:45 p.m. |
| Jun. | 4:30 a.m. | 7:30 p.m. | Dec. | 7:15 a.m. | 4:30 p.m. |

Licensee: SAGA COMMUNICATIONS OF ILLINOIS, INC

Station Location: SPRINGFIELD, IL

Frequency (kHz): 1240

Station Class: C

Transmitter location:

IL - 712 SOUTH DIRKSEN PKWY., SPRINGFIELD

Latitude: N 39° 47' 36"

Longitude: W 89° 36' 18"

Main Studio Location: (See Section 73.1125)

IL - 3501 EAST SANGAMON AVENUE, SPRINGFIELD

Nominal Power (kW): Unlimited: 1.0

Antenna Input Power (kW): Unlimited: 1.0

Antenna Mode: Unlimited: ND

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

Current (amperes): Unlimited: 3.94

Resistance (ohms): Unlimited: 64.50

Antenna Description:

Non-Directional Antenna:

Radiator Height: 93.3 meters; 138.9°

Theoretical Efficiency: 339.57 mV/m/kW at 1 km

Vertical, self supporting, series-excited, tapered, steel radiator with the top 11 m consisting of a pylon shell supporting the 4 bay WDBR-FM antenna, plus various other communications antennas side-mounted.

Ground System Description:

120 equally spaced, buried, copper radials 61 meters in length plus 120 interspersed radials 15.2 meters in length, plus a 7.6 meter by 7.6 meter ground screen.

Antenna Registration Number: 1011018