



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

LAWSON OF TUSCALOOSA, INC.
P.O. BOX 70427
(601 GREENBORO AVE, SUITE 507)
TUSCALOOSA AL 35407

Son Nguyen
Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 68420

Call Sign: WMXB

Permit File Number: BP-20170724AAI

Grant Date: **OCT 20 2017**

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Daytime with Secondary nighttime

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

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

Callsign: WMXB

Permit No.: BP-20170724AAI

Name of Permittee: LAWSON OF TUSCALOOSA, INC.

Station Location: TUSCALOOSA, AL

Frequency (kHz): 1280

Station Class: D

Antenna Coordinates:

Day

Latitude: N 33 Deg 11 Min 02 Sec

Longitude: W 87 Deg 34 Min 14 Sec

Night

Latitude: N 33 Deg 11 Min 02 Sec

Longitude: W 87 Deg 34 Min 14 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.035

Antenna Mode: Day: ND Night: ND

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	25.9

Night:

Tower No.	ASRN	
1	None	25.9

Non-Directional Antenna: Day

Radiator Height: 25.9 meters; 39.8 deg

Theoretical Efficiency: 285.2 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 25.9 meters; 39.8 deg

Theoretical Efficiency: 285.2 mV/m/kw at 1km

Special operating conditions or restrictions:

- 1 Antenna ground system: 120 evenly spaced buried #10 AWG bare copper radial wires, extending from the base of the antenna each 36.6 m (120 feet) in length.
- 2 The proposed antenna/tower is a Valcom model V-33085AM/CL2, coil loaded, self-supporting whip antenna. The antenna is 25.9 meters (85 feet) in length. The electrical length of the antenna at 1280 kHz is 39.8 degrees.
- 3 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 4 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.
- 5 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

*** END OF AUTHORIZATION ***