

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-831021AA

Call Sign: WRHC

AM BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license,¹ the LICENSEE

RADIOCENTRO BROADCASTING COMPANY

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time FEB 1, 1989 in accordance with the following:

- 1. Station location: Coral Gables, FL
- 2. Main Studio location: 2260 SW 8th Street
(Listed only if not at transmitter site or not within boundaries of principal community)
Miami, Florida
- 3. Remote control location: 2260 SW 8th Street
Miami, FL
- 4. Transmitter location: 2800 SW 72 Ave
Miami, FL
North latitude : 25 ° 44 ' 36 "
West longitude: 80 ° 18 ' 52 "
- 5. Transmitter(s): Type Accepted. (See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.)
- 6. Antenna and ground system: Attached
- 7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: None required.
- 8. Frequency (kHz.): 1550
- 9. Nominal power (kW): _____ Day
0.5 _____ Night
- Antenna input power (kW): _____ Day
_____ Night
- Non-directional antenna: current _____ amperes; resistance _____ ohms.
- Directional antenna : current _____ amperes; resistance _____ ohms.
- Non-directional antenna: current _____ amperes; resistance _____ ohms.
- Directional antenna : current 3.29 _____ amperes; resistance 50 _____ ohms.
- 10. Hours of operation: Specified in construction permit (BP _____)
- 11. Conditions:

The Commission reserves the right during said license period of terminating this license or making effective any change, or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

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 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, as amended. 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, as amended.

AUG 01 1985

¹ This license consists of this page and pages



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1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three, guyed, series-excited, steel radiators of uniform cross section. Theoretical RMS: 90.42 mV/m, night. Standard RMS: 95.15 mV/m, night.

Height above Insulators: 150' (85.10°)

Overall Height: 153'

Spacing and Orientation: With tower E(#1) as reference, tower #2(C) is spaced 310.2' (176°) on a line bearing 286°. Tower (#3)W is spaced 650.4' (369°) on a line bearing 293.5°.

Non-Directional Antenna: None used

Ground System consists of 120-160'-230' copper radials, plus 120-50' copper radials interspersed and buried about base of each tower. Radials are shortened and bonded to transverse copper strap midway between elements.

2. THEORETICAL SPECIFICATIONS

Phasing:	Tower	E(#1)	C(#2)	W(#3)
Night		0°	42.6°	106.4°
Field Ratio:	Night	0.585	1.00	0.265

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	-37°	0°	30°
Antenna Base Current Ratio:	Night	0.570	1.00	0.236
Antenna Monitor Sample Current Ratio:	Night	0.585	1.00	0.265

* As indicated by Potomac Instruments AM 19(204) antenna monitor.

"Exemptions as listed in Section 73.68(b) of the Rules will apply during proper operation of approved sampling system."

Field measuring equipment shall be available at all time and the field intensity at each of the monitoring points shall be measured at least once every seven days and appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

Direction of 111° true North. From the transmitter site, proceed South on SW 72nd Avenue, 0.7 miles to SW 40th Street (Bird Road). Drive left (East) on SW 40th Street (Bird Road) 1.7 miles to Alhambra. Turn right (South) and proceed .05 miles to Alcardi. The 111° monitor point is at the Northeast corner of Alhambra and Alcardi, two miles from the transmitter site. The field intensity measured at this point should not exceed 15.3 mV/m.

Direction of 247° true North. From the 111° Monitor Point, proceed right (West) on Alcardi .10 mile to SW 57th Avenue (Red Road). Drive right (North) .05 miles to SW 40th Street (Bird Road). Drive left (West) 2.9 miles, turn right (North) on SW 84th Avenue. Proceed .2 miles to SW 37th Street, turn left (West), .11 miles to SW 85th Avenue. The 247° Monitor Point is on the Southeast corner of SW 37th Street and SW 85th Avenue, 1.35 miles from the transmitter site. The field intensity measured at this point should not exceed 26.3 mV/m.

Direction of 294° true North. From the 247° Monitor Point, proceed on SW 58th Avenue .05 miles to SW 36th Street. Turn left (West) .15 miles to SW 87th Avenue (Galloway Road). Turn right (North) go 1.25 miles to SW 16th Street. Proceed left (West) .10 miles to SW 87th Place. Turn left (South) .10 miles to SW 18th Street. The 294° Monitor Point is in the center of the intersection of SW 18th Street and SW 87th Place, 1.6 miles to SW 18th Street. The field intensity measured at this point should not exceed 32.9 mV/m.

Direction of 322.5° true North. From the 294° Monitor Point, proceed right (West) on SW 18th Street, .05 miles to SW 88th Avenue. Turn right (North) .10 miles to SW 16th Street, go right (East) .65 miles to SW 82nd Avenue. Proceed left (North) .35 miles. The 322.5° Monitor Point is located on the West side of SW 82nd Avenue directly West of a single family home addressed 1025 SW 82nd Avenue, 1.4 miles from the transmitter. The field intensity measured at this point should not exceed 43.6 mV/m.