

FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE



Official Mailing Address:

TRINITY EVANGELICAL DIVINITY SCHOOL
2065 HALF DAY ROAD
DEERFIELD, IL 60015

Authorizing Official

Dale E. Bickel

Dale E. Bickel
Supervisory Engineer, FM Branch
Audio Services Division
Mass Media Bureau

Grant Date: 24 JAN 1996

Call sign: WMCU

This license expires 3:00 am.
local time: February 01, 1996

License File No.: BLED-940802KA

This license covers Permit No.: 9008021A
as modified by Permit No.: 9406021Z

and extended by Permit No.: 931124JB

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.

Name of Licensee:

TRINITY EVANGELICAL DIVINITY SCHOOL, INC.

Call sign: WMCU

License No.: 3LED-940802KA

Station Location:

FL-MIAMI

Frequency (MHz): 89.7

Channel: 209

Class: C

Hours of Operation: Unlimited

Main Studio Address:

FL-330 BISCAYNE BLVD., SUITE 600, MIAMI, DADE COUNTY

Transmitter location (address or description):

17107 S.W. 248 STREET, PRINCETON, DADE COUNTY, FLORIDA

Remote control point address:

FL-330 BISCAYNE BLVD., SUITE 600, MIAMI, DADE COUNTY
FL-10790 SW 10 PLACE, DAVIE, BROWARD COUNTY

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

Transmitter output power (kW): 23.5

Antenna type: (directional or non-directional): Non-directional

Desc: SHIVELY MODEL No. 6810, 10 SECTIONS, CIRCULAR POLARIZATION

Antenna coordinates: North latitude: 25 32 24.0
West longitude: 80 28 7.0

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the horizontal plane (kW) :	100.0	100.0
Height of radiation center above ground (meters) :	308.0	308.0

Height of radiation center above
mean sea level (meters) : 311.0 311.0

Height of radiation center above
average terrain (meters) : 309.0 309.0

Overall height of antenna structure above ground (including obstruction
lighting, if any) : 561.0 meters

Obstruction marking and lighting specifications for antenna
structure:

It is to be expressly understood that the issuance of these specifications
is in no way to be considered as precluding additional or modified marking
or lighting as may hereafter be required under the provisions of Section
303(q) of the Communications Act of 1934, as amended.

Paragraph B, FCC Form 715-A (Nov. 1983):

There shall be installed at the top of the skeletal or other main
support structure three or more high intensity light units which con-
form to FAA/DOD Specification L-856 High Intensity Obstruction
Lighting Systems. The complement of units shall emit a white high
intensity light and produce an effective intensity of not less than
200,000 candelas (daytime) uniformly about the antenna structure in
the horizontal plane. The effective intensity shall be reduced
to approximately 20,000 candelas at twilight, and to approximately
4,000 candelas at night. The light units shall be mounted in a manner
to ensure unobstructed viewing from aircraft at any normal angle of
approach, so that the effective intensity of the full beam is not im-
paired by any structural member of the skeletal framework. The units
will normally be adjusted so that the center of the beam is in the
horizontal plane.

Paragraph G, FCC Form 715-A (Nov. 1983):

At the approximate one-sixth, one-third, one-half, two-thirds and five-sixths levels of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (day-time) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any skeletal framework. The normal angular adjustment of the beam centers above the horizon shall be three degrees at the one-sixth level, two degrees at the one-third level, two degrees at the one-half level, one degree at the two-thirds level and zero degrees at the five-sixths level.

Paragraph H, FCC Form 715-A (Nov. 1983):

All lights shall be synchronized to flash simultaneously at 40 pulses per minute. The light system shall be equipped with a light sensitive control device which shall face the north sky and cause the intensity steps to change automatically when the north sky illumination on a vertical surface is as follows:

1. Day to Twilight: Shall not occur before the illumination drops to 60 footcandles, but shall occur before it drops to 30 footcandles.
2. Twilight to Night: Shall not occur before the illumination drops to 5 footcandles, but shall occur before it drops to 2 footcandles.
3. Night to Day: The intensity changes listed in 1 and 2. above shall be reversed in transitioning from the night to day modes.

FAA SPECIAL CONDITION:

PARAGRAPH B AND G MODIFIED TO REQUIRE A PEAK INTENSITY OF APPROXIMATELY 2,000 CANDELAS AT NIGHT IN LIEU OF 4,000.

Special operating conditions or restrictions:

1. The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency radiation in excess of FCC guidelines.