



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**  
**AUXILIARY ANTENNA**

Authorizing Official:

Official Mailing Address:

Delmarva Educational Association  
3780 Will Scarlet Road  
Winston-Salem NC 27104

James D. Bradshaw  
Deputy Chief  
Audio Division  
Media Bureau

Facility Id: 65704

Call Sign: KKTH

License File Number: BXLH-20030220ABE

Grant Date: February 27, 2007

This license expires 3:00 a.m.  
local time, October 01, 2013.

This license covers permit no.: BXPB-20020503AAA

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.

Callsign: KKTH

License No.: BXLH-20030220ABE

Name of Licensee: Delmarva Educational Association

Station Location: NM-BOSQUE FARMS

Frequency (MHz): 104.7

Channel: 284

Class: C1

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power: .140 kW

Antenna type: Directional

Description: SCA CL-FM

Antenna Coordinates: North Latitude: 35 deg 12 min 51 sec

West Longitude: 106 deg 27 min 02 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):		.89
Height of radiation center above ground (Meters):		8
Height of radiation center above mean sea level (Meters):		3234
Height of radiation center above average terrain (Meters):		1215
Antenna structure registration number: Not Required		
Overall height of antenna structure above ground: 30 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.

None Required

Special operating conditions or restrictions:

- 1 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by Construction Permit BXPB-20020503AAA.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

0.89 kilowatt

Principal minima and their associated field strength limits:

307 - 127 degrees True: 0.001 kilowatt

- 2 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 electromagnetic fields in excess of FCC guidelines.

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