



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION
5700 WEST OAKS BOULEVARD
ROCKLIN CA 95765

Rodolfo F. Bonacci
Assistant Chief
Audio Division
Media Bureau

Facility Id: 89309

Call Sign: KLFH

License File Number: BLED-20090126AAA

Grant Date: February 02, 2009

This license expires 3:00 a.m.
local time, June 01, 2012.

This license covers permit no.: BPED-19971202MA

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: EDUCATIONAL MEDIA FOUNDATION

Station Location: AR-FORT SMITH

Frequency (MHz): 90.7

Channel: 214

Class: C0

Hours of Operation: Unlimited

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

Transmitter output power: 7.1 kW

Antenna type: Directional

Description: SHI 6510-2-DA, Two sections, full wavelength spaced

Antenna Coordinates: North Latitude: 35 deg 09 min 56 sec

West Longitude: 93 deg 40 min 36 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):		26.0
Height of radiation center above ground (Meters):		76
Height of radiation center above mean sea level (Meters):		890
Height of radiation center above average terrain (Meters):		636
Antenna structure registration number: 1037857		

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

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 BPED-19971202MA.

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

. 26.0 kilowatts (Vertical only).

Principal minima and their associated field strength limits:

70 - 80 degrees True: 3.5 kilowatts

Special operating conditions or restrictions:

- 2 FAA INTERFERENCE CONDITION:
Upon receipt of notification from the Commission that harmful interference is being caused by the operation of the permittee's/licensee's transmitter, the permittee's/licensee's shall either immediately reduce the power to the point of no interference, cease operation, or take such immediate corrective action as is necessary to eliminate the harmful interference. This condition expires after one year of interference-free operation.

- 3 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.

- 4 Waiver of 47 C.F.R. Section 73.1125 was previously granted to permit Family Stations, Inc. to operate KEAF(FM) as a "satellite" of co-owned noncommercial educational FM station WBFR(FM), Facility ID# 20989, Birmingham, AL.

*** END OF AUTHORIZATION ***