

Federal Communications Commission

FM STATION LICENSE

Permittee

EDUCATIONAL MEDIA
FOUNDATION
5700 WEST OAKS BLVD.
ROCKLIN, CA, 95765

Call Sign	Facility ID
KLTU	79359

File Number 0000144607	This License Covers Construction Permit No. 0000124679	
Filing Date 05/05/2021	Grant Date 05/20/2021	Expiration Date 10/01/2021

Community of License City: MAMMOTH State: AZ	Frequency (MHz) 88.1	Station Channel 201	Station Class C0
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Hours of Operation: Unlimited

Facility Type: Noncommercial Educational

Transmitter Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power 7.05 kW
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Antenna Type Directional	Antenna Coordinates (NAD 83) Latitude 32-14-56.2 N Longitude 111-7-1.1 W
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Antenna Description Shively,6810-4-SS-DA,0.5

Major Lobe Directions
Not Applicable

	Horizontally Polarized Antenna	Vertically Polarized Antenna
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Effective Radiated Power in the Horizontal Plane (kW)	16	16
Height of Radiation Center Above Ground (meters)	38	38
Height of Radiation Center Above Mean Sea Level (meters)	1372	1372
Height of Radiation Center Above Average Terrain (meters)	603	603

Antenna Structure Registration Number 1218220	Overall Height of Antenna Structure Above Ground (meters) See the registration for this antenna structure.
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Obstruction Marking and Lighting Specifications for Antenna Structure
See the registration for this antenna structure.

Special Operating Conditions or Restrictions

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.

- 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 File No. 0000124679. A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power: 16.0 kilowatts. Principal minima and their associated field strength limits: 80 degrees True: 14.138 kilowatts; 170 degrees True: 2.676 kilowatts.
- The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based upon the usage of the antenna specified herein. If the licensee makes any changes in facilities via modification of license application in accordance with 47 CFR section 73.1690(c), the subsequent Form 302-FM, application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.
- Further modification of Station KVCC(FM), Tucson, Arizona (Facility ID No. 81952) will not be construed as a per se modification of KLTU's facility. (See Educational Information Corporation, 6 FCC Rcd. 2207 (1991)).
- Grant of this license application is conditioned upon the continuous operation of the licensed facility for the twelve-month period following grant, including specifically: (a) operation of the station in accordance with the station's FCC authorization with (i) an antenna mounted on a pole, tower, or other structure that is attached to a durable, non-movable structure, (ii) the antenna connected to a permanent power source, and (iii) if located on public property, advance approval by a written governmental authorization; and (b) operation of the station each day in accordance with the FCC's rules for minimum operating schedule (47 C.F.R. § 73.1740(a) for FM stations, 47 C.F.R. § 73.561(a) for NCE-FM stations and 47 C.F.R. § 73.850(b) for LPFM stations) without recourse to the procedures set out in 47 C.F.R. §§ 73.1740(a)(4), 73.561(d), and 73.850(d). The failure of the station to operate in compliance with any of the foregoing requirements will result in the rescission of this grant, dismissal of the license application and the forfeiture of the associated construction permit pursuant to 47 C.F.R. § 73.3598(e) unless the licensee rebuts the resulting presumption that the authorized facilities were temporarily constructed. Evidence of non-temporary construction could include, but is not limited to, station logs, utility bills, lease documents, photographs of the installed antenna/transmitter/studio equipment, and other relevant documentation.

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.

