

APPLICATION FOR NEW BROADCAST STATION LICENSE
(Carefully read instructions before filling out Form)

DUPLICATE

RETURN ONLY FORM TO FCC
FEE MAIL SECTION

For <u>Commission</u> Fee Use Only	FEE NO:	For <u>Applicant</u> Fee Use Only
	FEE TYPE:	Is a fee submitted with this application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	FEE AMT: RECEIVED BY	If No, indicate reason therefor (check one box):
	ID SEQ:	<input type="checkbox"/> Nonfeeable application <input checked="" type="checkbox"/> Fee Exempt (See 47 C.F.R. Section 1.1112) <input checked="" type="checkbox"/> Noncommercial educational licensee <input type="checkbox"/> Governmental entity

SECTION 1 - GENERAL DATA	For Commission Use Only File No. BL-ED-901210KD
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Legal Name of Applicant Caprock Educational Broadcasting Foundation	Mailing Address 2921 Brown Trail, Suite 140		
	City Bedford	State TX	Zip Code 76021
	Telephone No. (include area code) (817) 498-7001		

1. Facilities authorized by construction permit

This application is for: Commercial Noncommercial

AM Directional AM Non-Directional FM Directional FM Non-Directional TV

Call Letters KAMY-FM	Community of License Lubbock	Construction Permit File No. BMPH-90072JK	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit 2/13/91
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2. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620? Yes No

If No, explain.

3. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met? Yes No

If No, state exceptions.

4. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect? Yes No

If Yes, explain.

5. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)? Yes No

If No, explain.

Does not apply

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and

Section II-B

License Application Engineering Data - FM Broadcast

Name of Applicant

Caprock Educational Broadcasting Foundation

1. Facilities authorized in construction permit

Call Sign KAMY-FM	Frequency	Antenna height above average terrain
File No. of Construction Permit <i>(if applicable)</i> BMPH-900724JK	Effective radiated power in kilowatts	
	Horizontal <u>.20</u> Horizontal maximum * _____	Horizontal <u>150.0</u> meters
	Vertical <u>.20</u> Vertical maximum * _____	Vertical <u>150.0</u> meters
	*Beam tilt antennas only	

2. Station location

State Texas	City or Town Lubbock
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3. Transmitter location

State TX	County Lubbock	City or Town Lubbock	Street address (or other identification) 9802 University Street
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4. Main Studio location

State TX	County LUBBOCK	City or Town Lubbock	Number and Street 6401 University
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5. Remote control point location *(only if authorized)*

State	City or Town	Street address (or other identification)
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6. Operating constants:

D.C. plate current in last radio stage, in amperes .058	Applied D.C. voltage in last radio stage, in volts 1600	Efficiency Factor F of transmitter at operating power in percent .57	Transmitter power output, in kW by indirect method 52.896	RF transmission line meter reading 52.00
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7. Antenna

Antenna make and type No. Shively Labs Model 6810	Number of Sections 8 Bays	Power gain 4.4
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Height of antenna radiation center above ground and mean sea level:	HORIZONTAL	VERTICAL
	<u>151.0</u> meters (AGL) <u>1128.0</u> meters (AMSL)	<u>151.0</u> meters (AGL) <u>1128.0</u> meters (AMSL)

Geographical Coordinates of antenna *(to nearest second)*

North latitude	33° 30' 8"	West longitude	101° 52' 20"
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Description of antenna supporting structure Steel sectional guyed. Antenna is side mounted.	Elevation in meters of the top of supporting structure above ground (including antenna and other appurtenances and lighting, if any) 266.0
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8. Transmission line

Make Andrew	Type HJ8-50B	Description Air Dielectric. 3 inch
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Size: (nominal inside transverse dimension) in centimeters 7.62 cm	Length in meters 167.64	Rated efficiency in percent for this length 84.22%
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9. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit? Attach exhibits to show compliance with all conditions on construction permit. **None.**

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) T. Kent Atkins	Signature (Check appropriate box below) 
Address (Include ZIP Code) 2921 Brown Trail, Suite 140 Bedford, TX 76021	Date November 21, 1990
	Telephone No. (Include Area Code) (817) 498-7001

- Technical Director

 Registered Professional Engineer
 Chief Operator

 Technical Consultant
 Other (specify) Trustee

CALCULATION NUMBER 6

Transmitter Output:	52.89 Watts
Transmission Line:	Andrew HJ8-50B, 3 Inch
Length Of Line:	550 Feet
Line Efficiency At 90.1 MHz:	84.22%
Power Dissipated In Line:	8.34 Watts
Power At Input To Antenna:	44.55 Watts
Antenna Make/Model:	Shively 6810
Number of Bays:	Eight
Polarization:	Circular
Max. Antenna Input Power Rating:	112 KW
Antenna Gain:	4.4872
System E. R. P.:	199.91 Watts