

**SECTION III-B FM Engineering**

1. Channel: 226
2. Class:  A  B1  B  C3  C2  C1  C  D
3. Antenna Location Coordinates: (NAD 27)
- 35 28 21 "  N  S Latitude  
119 ° 01 40 "  E  W Longitude
- 
- 
- E  W Longitude
5. Antenna Structure Registration Number: 1014966
- Not applicable  FAA Notification Filed with FAA
6. Overall Tower Height Above Ground Level: 67 meters
7. Height of Radiation Center Above Mean Sea Level: 331 meters 331 meters (V)
8. Height of Radiation Center Above Ground Level: 63 meters 63 meters (V)
9. Height of Radiation Center Above Average Terrain: 123 meters 123 meters (V)
10. Effective Radiated Power: 4.0 kW (H) 4.0 kW (V)
11. Maximum Effective Radiated Power:  Not applicable \_\_\_\_\_ kW (H) \_\_\_\_\_ kW (V)  
 (Beam-Tilt Antenna ONLY)
12. Directional Antenna Relative Field Values:  Not applicable (Nondirectional)

Degree		Degree	Value	Degree	Value	Degree	Value	Degree	Value		
0		60		120		180		240			
10		70		130		190		250			
20		80		140		200		260			
30		90		150		210		270			
40		100		160		220		280			
50		110		170		230		290			

**NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.**

**CERTIFICATION**

**AUXILIARY ANTENNA APPLICANTS ARE NOT REQUIRED TO RESPOND TO ITEMS 13-16. PROCEED TO ITEM 17.**

13. **Allotment.** The proposed facility complies with the allotment requirements of 47 C.F.R. Section 73.203.  Yes  No 

See Explanation in Exhibit No. Engr Stat
--

14. **Community Coverage.** The proposed facility complies with 47 C.F.R. Section 73.315  Yes  No 

See Explanation in Exhibit No. Engr Stat
--

**Main Studio Location.** The proposed main studio location complies with 47 C.F.R. Section 73.1125.  Yes  No 

See Explanation in Exhibit No. N/A
--

16. **Interference.** The proposed facility complies with all of the following applicable rule sections. Check all those that apply.  Yes  No 

See Explanation in Exhibit No. Engr Stat
--

**Separation Requirements.**

a.  47 C.F.R. Section 73.207.

**Grandfathered Short-Spaced.**

b.  47 C.F.R. Section 73.213(a) with respect to station(s) \_\_\_\_\_ 

Exhibit No. N/A
--------------------

  
**Exhibit Required.**

c.  47 C.F.R. Section 73.213(b) with respect to station(s): \_\_\_\_\_ 

Exhibit No. N/A
--------------------

  
**Exhibit Required.**

d.  47 C.F.R. Section 73.213(c) with respect to station(s) \_\_\_\_\_ 

Exhibit No. N/A
--------------------

  
**Exhibit Required.**

**Contour Protection.**

e.  47 C.F.R. Section 73.215 with respect to station(s): KCBS (FM)

Exhibit No. E-1
--------------------

  
**Exhibit Required.**

17. **Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1306 (*i.e.*, the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an **Exhibit is required.**  Yes  No 

See Explanation in Exhibit No. E-10RHS
--

By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

**PREPARER'S CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.**

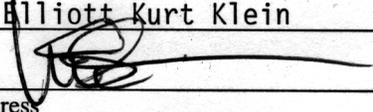
I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing	Typed or Printed Title of Person Signing
Signature	Date

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

**SECTION III PREPARER'S CERTIFICATION**

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation have examined and found it to be accurate and true to the best of my knowledge and belief.

Name Elliott Kurt Klein	Relationship to Applicant (e.g., Consulting Engineer) Consulting Broadcast Engineer	
Signature 	Date December 23, 2002	
Mailing Address KLEIN BROADCAST ENGINEERING, L.L.C., 5529 East Sapphire Lane		
City Paradise Valley	State or Country (if foreign address) AZ	ZIP Code 85253-2525
Telephone Number (include area code) (480) 991-0575	E-Mail Address (if available) elliott@kleinbroadcast.com	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).