



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

PROSHOP RADIO BROADCASTING, LLC  
 911 COLONIAL DRIVE  
 CHEYENNE WY 82001

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Grant Date: June 01, 2007

Facility Id: 35510

Call Sign: KRAE

Permit File Number: BP-20061206ACU

This permit expires 3:00 a.m.  
 local time, 36 months after the  
 grant date specified above.

Permit to change site, increase power, and increase tower height.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Daytime with Secondary nighttime

Average hours of sunrise and sunset:  
 Local Standard Time (Non-Advanced)

Jan.	7:30 AM	5:00 PM	Jul.	4:45 AM	7:30 PM
Feb.	7:00 AM	5:30 PM	Aug.	5:00 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:15 AM	6:45 PM	Oct.	6:15 AM	5:15 PM
May	4:45 AM	7:15 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:30 AM	7:30 PM	Dec.	7:15 AM	4:30 PM

Callsign: KRAE

Permit No.: BP-20061206ACU

Name of Permittee: PROSHOP RADIO BROADCASTING, LLC

Station Location: CHEYENNE, WY

Frequency (kHz): 1480

Station Class: D

Antenna Coordinates:

Day

Latitude: N 41 Deg 07 Min 17 Sec

Longitude: W 104 Deg 50 Min 22 Sec

Night

Latitude: N 41 Deg 07 Min 17 Sec

Longitude: W 104 Deg 50 Min 22 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.072

Antenna Mode: Day: ND Night: ND

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1061760	

Night:

Tower No.	ASRN	Overall Height (m)
1	1061760	

Non-Directional Antenna: Day

Radiator Height: 61 meters; 108.4 deg

Theoretical Efficiency: 317.7 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 61 meters; 108.4 deg

Theoretical Efficiency: 317.7 mV/m/kw at 1km

## Special operating conditions or restrictions:

- 1 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 2 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.
- 3 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 4 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations KRAE and KFBC(ID # 43629) and there shall be filed with the license application copies of a firm agreement entered into by the two stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, both stations shall each measure antenna or common point resistance and submit FCC Form 302 as application notifying the return to direct measurement of power.
- 5 Ground system consists of 120 equally spaced, buried, copper radials about the base of the tower, 30 meters - 62.5 meters in length (average length 51.5 m) due to truncation at adjacent roadway and park.

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