



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**LOW POWER FM BROADCAST STATION**  
**CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

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SAN TAN EDUCATIONAL MEDIA  
550 W BASELINE RD  
SUITE 102-116  
MESA AZ 85210

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James D. Bradshaw  
Deputy Chief  
Audio Division  
Media Bureau

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Facility ID: 192016

Grant Date: November 24, 2014

Call Sign: KWSF-LP

The authority granted herein has no effect on the expiration date of the underlying construction permit.

Permit File Number: BMPL-20141118ARF

This permit modifies permit no.: BNPL-20131017AAJ,  
as last modified by permit no.: BMPL-20140806AFZ.

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 made only 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. See Section 73.875.

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

Name of Permittee: SAN TAN EDUCATIONAL MEDIA

Station Location: AZ-MESA

Frequency (MHz): 99.1

Channel: 256

Class: LP100

Hours of Operation: Unlimited

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

Transmitter output power: As required to operate within authorized range of effective radiated power.

Antenna type: Non-Directional

Antenna Coordinates: North Latitude: 33 deg 29 min 33 sec  
West Longitude: 111 deg 38 min 24 sec

Maximum Effective radiated power in the Horizontal Plane (watts): 2  
Minimum Effective radiated power in the Horizontal Plane (watts): 1  
Height of radiation center above ground (Meters): 6  
Height of radiation center above mean sea level (Meters): 762  
Height of radiation center above average terrain (Meters): 258

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 46 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 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.

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