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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: ASSOCIATION OF AMERICAN RAILROADS

ATTN: TRANSP TECH CTR INC R VANDEBERG
ASSOCIATION OF AMERICAN RAILROADS
55500 D O T RD
PO BOX 11300
PUEBLO, CO 81001

Call Sign WPNW531	File Number
Radio Service GI - Other Indust/Land Transp, 896-901/935-940 MHz, Conv.	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0004228995

Grant Date 07-16-1999	Effective Date 07-16-1999	Expiration Date 07-16-2004	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** **Address:** CP CHAVEZ SCRRA ROW .5 KM S OF MAIN
City: LOS ANGELES **County:** LOS ANGELES **State:** CA
Lat (NAD83): 34-03-47.0 N **Long (NAD83):** 118-13-39.3 W **ASR No.:** N/A **Ground Elev:** 85.0
- Loc. 2** **Address:** CP CAMBRIDGE 101 CAMBRIDGE AVE
City: CLAREMONT **County:** LOS ANGELES **State:** CA
Lat (NAD83): 34-05-37.0 N **Long (NAD83):** 117-43-42.2 W **ASR No.:** N/A **Ground Elev:** 336.0
- Loc. 3** **Address:** CP VISTA SCRRA ROW .12 KM W OF MONTE VISTA AVE
City: MONTCLAIR **County:** LOS ANGELES **State:** CA
Lat (NAD83): 34-05-37.0 N **Long (NAD83):** 117-42-01.2 W **ASR No.:** N/A **Ground Elev:** 359.0
- Loc. 4** **Address:** CP ROCHESTER 11520 8TH ST
City: RANCHO CUCAMONGA **County:** SAN BERNARDINO **State:** CA
Lat (NAD83): 34-05-31.0 N **Long (NAD83):** 117-33-23.2 W **ASR No.:** N/A **Ground Elev:** 339.0
- Loc. 5** **Address:** CP KAISER SCRRA ROW .31 KM E OF CALABASH AVE
City: FONTANA **County:** SAN BERNARDINO **State:** CA
Lat (NAD83): 34-05-36.0 N **Long (NAD83):** 117-29-54.2 W **ASR No.:** N/A **Ground Elev:** 348.0
- Loc. 6** **Address:** CP LILAC 356 S LILAC AVE
City: RIALTO **County:** SAN BERNARDINO **State:** CA
Lat (NAD83): 34-05-47.0 N **Long (NAD83):** 117-22-49.2 W **ASR No.:** N/A **Ground Elev:** 367.0

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000896.88750000	FX1	1		13K6F1D 13K6F2D	8.000	70.000	5.0	-39.0	
1	1	000896.93750000	FX1	1		13K6F1D 13K6F2D	8.000	70.000	5.0	-39.0	
1	1	000896.98750000	FX1	1		13K6F1D 13K6F2D	8.000	70.000	5.0	-39.0	
1	1	000897.88750000	FX1	1		13K6F1D 13K6F2D	8.000	70.000	5.0	-39.0	
1	1	000897.93750000	FX1	1		13K6F1D 13K6F2D	8.000	70.000	5.0	-39.0	
1	1	000897.98750000	FX1	1		13K6F1D 13K6F2D	8.000	70.000	5.0	-39.0	
2	1	000896.88750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-39.0	
2	1	000896.93750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-39.0	
2	1	000896.98750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-39.0	
2	1	000897.88750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-39.0	
2	1	000897.93750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-39.0	
2	1	000897.98750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-39.0	
3	1	000896.88750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-103.0	
3	1	000896.93750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-103.0	

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3	1	000896.98750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-103.0	
3	1	000897.88750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-103.0	
3	1	000897.93750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-103.0	
3	1	000897.98750000	FX1	1		13K6F1D 13K6F2D	10.000	50.000	5.0	-103.0	
4	1	000896.88750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-122.0	
4	1	000896.93750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-122.0	
4	1	000896.98750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-122.0	
4	1	000897.88750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-122.0	
4	1	000897.93750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-122.0	
4	1	000897.98750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-122.0	
5	1	000896.88750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-99.0	
5	1	000896.93750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-99.0	
5	1	000896.98750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-99.0	
5	1	000897.88750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-99.0	

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5	1	000897.93750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-99.0	
5	1	000897.98750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	5.0	-99.0	
6	1	000896.88750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	8.0	-47.0	
6	1	000896.93750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	8.0	-47.0	
6	1	000896.98750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	8.0	-47.0	
6	1	000897.88750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	8.0	-47.0	
6	1	000897.93750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	8.0	-47.0	
6	1	000897.98750000	FX1	1		13K6F1D 13K6F2D	10.000	89.000	8.0	-47.0	

Control Points

Control Pt. No. 1

Address: 55500 D O T RD

City: PUEBLO **County:** **State:** CO **Telephone Number:** (719)584-0578

Associated Call Signs

<NA>

Waivers/Conditions:

AUTHORIZED BY WAIVER OF RULES 90.623(A), 90.629, 90.633(C), 90.633(D), AND 90.651(C) GRANTED ON 1/14/88.