

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW09 CLIMB TO 6000 DIRECT JIKUB AND ON TRACK 120.97 TO HDF VOR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 315.37 INBOUND. CHART FAS OBST: 1079 TREE 335711N/1172923W DISTANCE TO THLD FROM 332 HATH: 0.91 NM. CHART VDP AT 1.69 MILES TO RW09* *LNAV ONLY. WAAS CHANNEL # 81921 REFERENCE PATH ID: W09A LTP HAE: 198.4 M											
POM VORTAC (IAF)	JASER (FB)	118.99 / 7.02	3300												
PRADO (IAF)	JASER (FB)	033.77 / 6.71	3300												
PIRRO (IAF)	JASER (FB)	088.96 / 9.84	3300												
JASER (IF)	EXPAM (FB)	088.91 / 6.56	2500												
EXPAM (FAF)	RW09 (MAP) (FO)	088.98 / 5.33													
RW09 (MAP)	1092 MSL	088.98													
1092 MSL	JIKUB (FB)														
JIKUB	HDF VOR (FO)	120.97 / 13.88	6000												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT JASER 3. FAC: 088.98 FAF: EXPAM DIST FAF TO MAP: 5.33 THLD: 5.33 4. MIN. ALT: JASER 3300, EXPAM 2500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2500 GS ALT AT: EXPAM 2500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.9 34:1 IS CLEAR 8. MSA FROM: RW09 11900				MAG VAR: 14E EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1092	5/8	332	1092	5/8	332	1092	5/8	332	1092	5/8	332			
LNAV/VNAV DA	1426	1 7/8	666	1426	1 7/8	666	1426	1 7/8	666	1426	1 7/8	666			
LNAV MDA	1340	1/2	580	1340	1/2	580	1340	1 1/4	580	1340	1 1/4	580			
CIRCLING	1340	1	521	1340	1	521	1620	2 1/4	801	1620	2 1/2	801			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON POM VORTAC AIRWAY RADIALS 073 CW 187. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PRADO ON V16-370 WESTBOUND, AND ARRIVALS AT PIRRO ON V186 WESTBOUND. (SEE FORM 8260-10)															
CITY AND STATE				ELEVATION: 819 THRE: 760		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
RIVERSIDE, CA				AIRPORT NAME:				RNAV (GPS) RWY 9, AMDT 2				AMDT: 1			
				RIVERSIDE MUNI				20 SEPTEMBER 2012				DATED 05/05/2011			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHINO ALTIMETER SETTING AND INCREASE ALL DA 46 FEET AND ALL MDA 60 FEET AND INCREASE LPV ALL CATS AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE AND LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/8 MILE.

CHART NOTE: CIRCLING RWY 16 NA AT NIGHT.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 1/8 MILE AND LNAV/VNAV ALL CATS VISIBILITY TO 2 1/2 MILE.

CHART NOTE: WHEN USING CHINO ALTIMETER SETTING; FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE.

CHART NOTE: VDP AND BARO-VNAV NA WITH CHINO ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

CHART NOTE: WHEN VGSi INOP, CIRCLING TO RWY 34 NA AT NIGHT.

CHART NOTE: CIRCLING NA FOR CAT D N OF RWY 9-27.

QUALITY
1
CHECKED

CITY AND STATE
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FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KRAL
RUNWAY RW09
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W09A
LTP/FTP LATITUDE 335713.9945N
LTP/FTP LONGITUDE 1172707.0890W
LTP/FTP ELLIPSOIDAL HEIGHT +01984
FPAP LATITUDE 335653.8400N
FPAP LONGITUDE 1172522.7500W
THRESHOLD CROSSING HEIGHT (TCH) 00040.9
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1104
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

DCB1303D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K2
LTP ORTHOMETRIC HEIGHT +02318
FPAP ORTHOMETRIC HEIGHT +02318

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRALK2FR09	APIRRO	010PIRROK2EA0E	A	IF					18000		A	JS
SUSAP	KRALK2FR09	APIRRO	020JASERK2EAGEE	B	010TF		08900098	+	03300			A	JS
SUSAP	KRALK2FR09	APOM	010POM K2D 0V	A	IF					18000		A	JS
SUSAP	KRALK2FR09	APOM	020JASERK2EA0EE	B	010TF		11900070	+	03300			A	JS
SUSAP	KRALK2FR09	APRADO	010PRADOK2EA0E	A	IF					18000		A	JS
SUSAP	KRALK2FR09	APRADO	020JASERK2EA0EE	B	010TF		03380067	+	03300			A	JS
SUSAP	KRALK2FR09	R	010JASERK2EA0E	I	IF			+	03300	18000		A	JS
SUSAP	KRALK2FR09	R	020EXPAMK2EA1E	F	051TF		08890066	+	02500		RW09	K2PGA	JS
SUSAP	KRALK2FR09	R	020EXPAMK2EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KRALK2FR09	R	030RW09 K2PGOGY	M	031TF		08900053		00801	-300		A	JS
SUSAP	KRALK2FR09	R	040	0	M	CA	0890	+	01092			A	JS
SUSAP	KRALK2FR09	R	050JIKUBK2EA0E		DF							A	JS
SUSAP	KRALK2FR09	R	060HDF K2D 0VY		010TF		1210	+	06000			A	JS
SUSAP	KRALK2FR09	R	070HDF K2D 0VE	R	HM		31540050	+	06000			A	JS

[illegible]

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KRALK2PR09 RW09 001 0000W09A0N3357139945W11727070890+019840300N3356538400W11725227500106751104000409F400500DCB1303D
SUSAP KRALK2PR09 RW09 002E +02318+02318LPV 81921

MSA 1 2 3 4 5 6 7 8 9 0 1 2 3
123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KRALK2SRW09 K2PG 0 18018011925 M

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	PIRRO	PIRRO	010	IAF	IF		FB					
	PIRRO	JASER	020		TF		FB	1.0	089.0(103.0T)	009.8	AA 03300	
	POM	POM	010	IAF	IF		FB					
	POM	JASER	020		TF		FB	1.0	119.0(133.0T)	007.0	AA 03300	
	PRADO	PRADO	010	IAF	IF		FB					
	PRADO	JASER	020		TF		FB	1.0	033.8(047.8T)	006.7	AA 03300	
		JASER	010	FACF	IF		FB				AA 03300	
		EXPAM	020	FAF	TF		FB	0.5	088.9(102.9T)	006.6	AA 02500	
		RW09	030	MAP	TF		FO	0.3	089.0(103.0T)	005.3	AT 00801	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		089.0(103.0T)		AA 01092	
	JIKUB	050		DF		FB					
	HDF	060		TF		FO	1.0	121.0(135.0T)		AA 06000	
	HDF	070		HM	R	FO		315.4(329.4T)	005.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HDF	N334634.78	W1171107.16	N3346.580	W11711.119
	POM	N340442.19	W1174713.46	N3404.703	W11747.224
	EXPAM	N335826.17	W1173322.00	N3358.436	W11733.367
	JASER	N335954.46	W1174103.04	N3359.908	W11741.051
	JIKUB	N335625.09	W1172254.16	N3356.418	W11722.903
	PIRRO	N340207.61	W1175234.80	N3402.127	W11752.580
	PRADO	N335523.41	W1174701.70	N3355.390	W11747.028
	RW09	N335713.99	W1172707.09	N3357.233	W11727.118

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00760	41

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