

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AXARY	OXAME (FB)	047.07 / 11.55	8100
COSES	IPATE (FO)	315.79 / 27.42	8100
OXAME (IAF)	IPATE (NOPT) (FB)	036.86 / 9.00	8100
CAGEV (IAF)	IPATE (NOPT) (FB)	216.99 / 10.73	8100
IPATE (IF/IAF)	HUXEM (FB)	126.91 / 6.00	6600
HUXEM (FAF)	WEKVO/2.10 NM TO RW12 (FB)	126.95 / 4.46	
(SEE FORM 8260-10)			

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 5800 THEN CLIMBING RIGHT TURN TO 8100 DIRECT IPATE AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 4729 TREE 321943N/1065641W
CHART 5159 AAO 322318N/1070024W.
DISTANCE TO THLD FROM 250 HAT: 0.61 NM.
CHART VDP AT 1.21 MILES TO RW12*
*LNAV ONLY.
WAAS CHANNEL # 93836
REFERENCE PATH ID: W12A
CHART CIRCLING ICON
LTP HAE: 1334.4 M

MAG VAR: 8E EPOCH YEAR: 2020

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NW IPATE, RT, 126.91 INBOUND, 8100 FT. IN LIEU OF PT (IAF)
3. FAC: 126.95 FAF: HUXEM DIST FAF TO MAP: 6.56 THLD: 6.56
4. MIN. ALT: IPATE 8100, HUXEM 6600, WEKVO/2.10 NM TO RW12 5180*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 6600 GS ALT AT: HUXEM 6600 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
8. MSA FROM: RW12 10200

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	4707	3/4	250	4707	3/4	250	4707	3/4	250	4707	3/4	250			
LNAV/VNAV DA	4710	3/4	253	4710	3/4	253	4710	3/4	253	4710	3/4	253			
LNAV MDA	4900	1	443	4900	1	443	4900	1 3/8	443	4900	1 3/8	443			
CIRCLING	4900	1	443	5040	1	583	5320	2 1/2	863	5320	2 3/4	863			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 49C (120F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT C 900-2 1/2, CAT D 900-2 3/4



CITY AND STATE LAS CRUCES, NM	ELEVATION: 4457 TDZE: 4457 AIRPORT NAME: LAS CRUCES INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 2 18 AUGUST 2016	SUP: AMDT: 1 DATED 11/13/2014
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
WEKVO/2.10 NM TO RW12	RW12 (MAP) (FO)	126.95 / 2.10	
RW12 (MAP)	5800 MSL	126.95	5800
5800 MSL	IPATE (FO)		8100

NOTES, (CONT.):

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DEMING ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DEMING ALTIMETER SETTING: INCREASE LPV DA TO 4821 FEET AND LNAV/VNAV DA TO 4824 FEET AND ALL VISIBILITIES 1/2 MILE; INCREASE ALL MDA 120 FEET AND VISIBILITY CAT C AND D 1/2 MILE.



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				DATED: 11/13/2014

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLRU
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	321757.0740N
LTP/FTP LONGITUDE	1065547.7795W
LTP/FTP ELLIPSOIDAL HEIGHT	+13344
FPAP LATITUDE	321653.9360N
FPAP LONGITUDE	1065433.4615W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0464
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 7126856C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+13585
FPAP ORTHOMETRIC HEIGHT	+13585



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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KLRU

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
AXARY	010	AXARY	IF	FB										E
AXARY	020	OXAME	TF	FB	2.0	047.1						AA 08100		E A
AXARY	030	IPATE	TF	FB	1.0	036.9						AA 08100		EE B
CAGEV	010	CAGEV	IF	FB										E A
CAGEV	020	IPATE	TF	FB	1.0	217.0						AA 08100		EE B
COSES	010	COSES	IF	FB										E
COSES	020	IPATE	TF	FO	2.0	315.8						AA 08100		EY
COSES	030	IPATE	HF	FO		126.9			R			AA 08100		EE A
	010	IPATE	IF	FB								AA 08100		E I
	020	HUXEM	TF	FB	1.0	126.9				RW12		AA 06600		E F
	021	WEKVO	TF	FB	0.3	127.0		3.00				AA 05180 GS 05181		E S
	030	RW12	TF	FO	0.3	127.0		3.00				AT 04512		GY M
	040		CA	FB		127.0						AA 05800		M
	050	IPATE	DF	FO					R			AA 08100		EY
	060	IPATE	HM	FO		126.9			R			AA 08100		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AXARY	N321350.11	W1072458.41
CAGEV	N323427.17	W1065719.60
COSES	N320442.17	W1064709.06
HUXEM	N322235.66	W1070116.20
IPATE	N322650.60	W1070617.50
OXAME	N322027.39	W1071347.53
WEKVO	N321926.34	W1065732.93

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW12	N321757.07	W1065547.78	04457	55.0



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