

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: RW23 CLIMB TO 2000 DIRECT TANAH AND ON TRACK 296.82 TO ATONE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 169.00 INBOUND. FAS OBST: 220 AAO 262610N/0800343W CHART A-291A. DISTANCE TO THLD FROM 250 HAT: 0.61 NM. CHART VDP AT 1.34 NM TO RW23* *LNAV ONLY. WAAS CHANNEL # 42801 REFERENCE PATH ID: W23A CHART CIRCLING ICON. LTP HAE: -22.1 M							
PBI VORTAC		SOBPO (TF) (FB) (RNP 2.00)		162.26 / 6.70				3000									
MRLIN (IAF)		KISEC (NOPT) (TF) (FB) (RNP 1.00)		278.28 / 10.66				2000									
SOBPO (IAF)		KISEC (NOPT) (TF) (FB) (RNP 1.00)		139.37 / 5.62				2000									
KISEC (IF/IAF)		HIVUR (TF) (FB) (RNP 1.00)		229.40 / 6.14				1500									
HIVUR (FAF)		RW23 (MAP) (TF) (FO) (RNP 0.30)		229.37 / 4.50													
(SEE FORM 8260-10)																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE KISEC, RT, 229.40 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 229.37 FAF: HIVUR DIST FAF TO MAP: 4.50 THLD: 4.50 4. MIN. ALT: KISEC 2000, HIVUR 1500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1500 GS ALT AT: HIVUR 1500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR 8. MSA FROM: RW23 2600										MAG VAR: 5W		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	263	3/4	250	263	3/4	250	263	3/4	250	263	3/4	250					
LNAV/VNAV DA	357	1 1/8	344	357	1 1/8	344	357	1 1/8	344	357	1 1/8	344					
LNAV MDA	480	1	467	480	1	467	480	1 3/8	467	480	1 3/8	467					
CIRCLING	640	1	627	640	1	627	680	1 3/4	667	880	2 3/4	867					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ CAT D 900-2 3/4 CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART SPEED ICON IN PLANVIEW AT SOBPO : MAX 210 KIAS. (CONTINUED ON PAGE 2)																	
CITY AND STATE		ELEVATION: 13 TDZE: 13		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:							
BOCA RATON, FL				BOCA RATON		RNAV		RNAV (GPS) Y RWY 23, AMDT 1A		AMDT: 1							
								20 JULY 2017		DATED 07/24/2014							



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>
RW23 (MAP)	263 MSL (CA)	229.37	
263 MSL	TANAH (DF) (FB) (RNP 1.00)		
TANAH	ATONE (TF) (FO) (RNP 1.00)	296.82 / 10.76	2000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MRLIN ON BR68V NORTHEAST BOUND, BR64V EASTBOUND, AND ON BR54V-55V SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PBI VORTAC AIRWAY RADIALS 071 CW 190.

CHART NOTE: IN MINIMUM VISIBILITY CONDITIONS, BRIGHT LIGHTS ON HIGHWAY 1/4 MILE NORTH OF AIRPORT MAY BE MISTAKEN AS RUNWAY LIGHTS.

CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH{FEET}).

QUALITY
24
CHECKED

CITY AND STATE BOCA RATON, FL	ELEVATION: 13 AIRPORT NAME: BOCA RATON	TDZE: 13 RNAV	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 23, AMDT 1A 20 JULY 2017	SUP:
					AMDT: 1
					DATED: 07/24/2014

**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	KBCT
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	262302.0925N
LTP/FTP LONGITUDE	0800606.4990W
LTP/FTP ELLIPSOIDAL HEIGHT	-00221
FPAP LATITUDE	262158.1700N
FPAP LONGITUDE	0800715.8300W
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	0952
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 7FD7E35B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00038
FPAP ORTHOMETRIC HEIGHT	+00038

QUALITY
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CITY AND STATE BOCA RATON, FL	ELEVATION: 13 AIRPORT NAME: BOCA RATON	TDZE: 13 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 23, AMDT 1A 20 JULY 2017	SUP:
				AMDT: 1
				DATED: 07/24/2014