

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> BOCA RATON	<u>AIRPORT ID</u> KBCT	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 23	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> BOCA RATON	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 13	<u>TDZE</u> 13	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 23	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 07/20/2017	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 JULY 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
PBI VORTAC		SOBPO		TF	FB	2.00	162.26	6.70	3000
MRLIN	IAF	KISEC	NOPT	TF	FB	1.00	278.28	10.66	2000
SOBPO	IAF	KISEC	NOPT	TF	FB	1.00	139.37	5.62	2000
KISEC	IF/IAF	HIVUR		TF	FB	1.00	229.40	6.14	1500
HIVUR	FAF	RW23	MAP	TF	FO	0.30	229.37	4.50	
RW23	MAP	263 MSL		CA			229.37		
263 MSL		TANAH		DF	FB	1.00			
TANAH		ATONE		TF	FO	1.00	297.09	10.74	2100

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 DIRECT TANAH AND TRACK 297.09 TO ATONE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

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), MAX 6000.

3. FAC: 229.37FAF: HIVURDIST FAF TO MAP: 4.50DIST FAF TO THLD: 4.50

4. MIN ALT: KISEC 2000, HIVUR 1500

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.61

6. MIN GP INCPT: 1500GP ALT AT FAF : HIVUR 1500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 55.0

8. MSA FROM: RW23 2600

PBN REQUIREMENTS NOTE

RNP APCH

NOTES:

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C OR ABOVE 54C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PBI VORTAC AIRWAY RADIALS 071 CW 190.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MRLIN ON BR68V NORTHEAST BOUND, BR64V EASTBOUND, AND ON BR54V-55V SOUTHEAST BOUND.
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}).
CHART SPEED ICON IN PLANVIEW AT SOBPO: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

FAS OBST: 220 AAO 262610N/0800343W
CHART CIRCLING ICON.
CHART A-291A
CHART VDP AT 1.34 NM TO RW23*
*LNAV ONLY
WAAS CHANNEL #42801
REFERENCE PATH ID: W23A
HOLD N, LT, 169.00 INBOUND
LTP HAE: -22 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/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	680	1	667	680	1	667	680	1 3/4	667	880	2 3/4	867			



CHANGES - REASONS

- 1. UPDATED MISSED APPROACH CLIMB-TO ALTITUDE FROM 2000 TO 2100. -RAISED TO MATCH AIRWAY MEA AND REMOVE NOTAM FDC 8/6487.
- 2. ADDED LINE 7: 20:1 IS CLEAR. - IAW 8260.19H.
- 3. REMOVED CHART NOTE: DME/DME RNP-0.3 NA. ADDED PBN REQUIREMENTS NOTE: RNP APCH. - IAW 8260.19H.
- 4. INCREASED CIRCLING CAT A/B MDA/HAA FROM 640/667 TO 680/667. - NEW CONTROLLING OBSTACLE/UPDATED TO MATCH VOR-A.
- 5. CHANGED COURSE AND DISTANCE FROM TANAH TO ATONE FROM 296.82/10.76 TO 297.09/10.74. - TANAH MOVED IN 2004; 8260-3 DID NOT REFLECT CHANGE.
- 6. REMOVED FAHRENHEIT TEMPERATURES FROM UNCOMPENSATED BARO-VNAV SYSTEMS CHART NOTE. - IAW 8260.19H.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMA, BCT ATCT, PBI APP CON, AMGR

FLIGHT CHECKED BY

WILLIAM R GEISER

DEVELOPED BY

LONNIE EVERHART (BARBARA GORMAN)

APPROVED BY

LONNIE EVERHART

Digitally signed by

BEV L BORDY

Jun 04, 2018

Digitally signed by

BEV L BORDY

Jun 04, 2018

Digitally signed by

BEV L BORDY

Jun 04, 2018

OFFICE

FICO

OFFICE

AJV-5400

OFFICE

AJV-5400

DATE

5/31/18

DATE

02/28/2018

DATE

TITLE

MANAGER



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

CRC REMAINDER	7FD7E35B
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ADDITIONAL PATH POINT RECORD INFORMATION

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

