

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 ID</u> PTB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> PETERSBURG	<u>STATE</u> VA
<u>AIRPORT ELEVATION</u> 193	<u>TDZE</u> 191	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 04/27/2017
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MARCH 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 8W
				<u>EPOCH YEAR</u> 1985
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BOUSY		ONIKE		TF	FO	1.00	049.29	40.40	2000
RIC VORTAC	IAF	ONIKE	NOPT	TF	FB	1.00	194.13	10.80	2000
HPW VORTAC	IAF	ONIKE	NOPT	TF	FB	1.00	276.28	10.94	2000
ONIKE	IF/IAF	HITAN		TF	FB	1.00	231.02	6.03	1800
HITAN	FAF	RW23	MAP	TF	FO	0.30	230.96	4.93	
RW23	MAP	441 MSL		CA			230.96		
441 MSL		FASOS		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT FASOS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD NE ONIKE, LT, 231.02 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4000.
3. FAC: 230.96

FAF: HITAN

DIST FAF TO MAP: 4.93

DIST FAF TO THLD: 4.93
4. MIN ALT: ONIKE 2000, HITAN 1800
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.66

GS ANT:
6. MIN GP INCPT: 1800

GP ALT AT PFAF: HITAN 1800

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 40.1
8. MSA FROM: RW23 2600

QUALITY
35
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON HPW VORTAC AIRWAY RADIALS 205 CW 237.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RIC VORTAC AIRWAY RADIALS 146 CW 283.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 050.82 INBOUND.
FAS OBST: 340 AAO 371426N/0772700W.
CHART VDP AT 1.16 NM TO RW23.
WAAS CHANNEL # 86706
REFERENCE PATH ID: W23A
LTP HAE: 24.4 M

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	441	3/4	250	441	3/4	250	441	3/4	250		NA				
LNAV/VNAV DA	490	7/8	299	490	7/8	299	490	7/8	299		NA				
LNAV MDA	600	1	409	600	1	409	600	1 1/8	409		NA				
CIRCLING	680	1	487	680	1	487	760	1 1/2	567		NA				

CHANGES - REASONS

1. DECREASED LPV ALL CATS VISIBILITY FROM 1 TO 3/4. - IAW 8260-3E TABLE 3-3-1.
2. INCREASED LNAV/VNAV DA/HAT FROM 480/289 TO 490/299; DECREASED ALL CATS VISIBILITY FROM 1 TO 7/8. – NEW CONTROLLING OBSTACLE; IAW 8260-3E TABLE 3-3-1.
3. INCREASED LNAV MDA/HAT FROM 560/369 TO 600/409; CAT C VISIBILITY FROM 1 TO 1 1/8. – NEW CONTROLLING OBSTACLE; IAW 8260-3E TABLE 3-3-1.
4. REMOVED INITIAL FROM LVL VORTAC TO ONIKE; ADDED INITIAL FROM BOUSY TO ONIKE. – LVL VORTAC DECOMMISSIONING; FPT REQUEST.
5. REMOVED LNAV STEPDOWN FIX MUVIE. – STEPDOWN FIX DOES NOT DECREASE MDA AT LEAST 60 FEET IAW 8260.3C 2-9-9 C(2).
6. LINE 2: UPDATED HOLD-IN-LIEU INBOUND COURSE FROM 231.01 TO 231.02; ADDED MAX ALTITUDE 4000. - TO MATCH INTERMEDIATE DOURSE; UPDATED FORMS.
7. LINE 4: REMOVED "MUVIE/1.30 NM TO RW23 640*" AND *LNAV ONLY FROM CHART NOTES. - STEPDOWN FIX REMOVED; NO LONGER REQUIRED.
8. LINE 5: ADDED DISTANCE TO THLD FROM 250 HAT: 0.66. REMOVED "DISTANCE TO THLD FROM 250 HAT: 0.66 NM" FROM ADDITIONAL FLIGHT DATA. – FORMS UPDATED.
9. LINE 7: ADDED 20:1 IS CLEAR. – NO 20:1 PENETRATIONS.
10. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58B TABLE 1-2-1.
11. REMOVED CHART NOTE: ALTERNATE ALTIMETER. – MOVED TO 8260-9 PART C – REMARKS FOR CONTINGENCY USE.
12. MOVED CHART NOTE: BARO-VNAV AND VDP NA WHEN USING RICHMOND EXECUTIVE-CHESTERFIELD COUNTY ALTIMETER SETTING TO 8260-9 PART-C REMARKS. - IAW 8260.19I 8-6-9 E(3)8.
13. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW FROM “-15C (5F) OR ABOVE 54C (130F)” TO “-15F TO 54C.” –FAHRENHEIT REMOVED IAW 8260.19I.
14. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LVL VORTAC AIRWAYS RADIALS 042 CW 106. – INITIAL FROM LVL VORTAC REMOVED.
15. UPDATED ADDITIONAL FLIGHT DATA: FROM CHART FAS OBST: 309 TREE 371118N/0773028W TO FAS OBST: 340 AAO 371426N/0772700W. – LNAV STEPDOWN FIX REMOVED; NEW CONTROLLING OBSTACLE.
16. REMOVED ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON. - REVISED CIRCLING MANEUVERING AREA IMPLEMENTATION PLAN MEMO.
17. FAS DATA: UPDATED FPAP LATITUDE/LONGITUDE FROM 371016.2575N 0773117.1015W TO 371016.2510N 0773117.0930W. – NEW FPAP LOCATION.
18. FAS DATA: UPDATED CRC REMAINDER FROM CB86255F TO 70DD6C6D. – UPDATED FPAP LATITUDE/LONGITUDE.
19. UPDATED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON HPW VORTAC AIRWAY RADIALS FROM "205 CW 215" TO "205 CW 237." - NEW EVALUATION COMPLETED.
20. UPDATED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RIC VORTAC AIRWAY RADIALS FROM "248 CW 283" TO "146 CW 283." - NEW EVALUATION COMPLETED.

QUALITY
35
CHECKED

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZDC, PCT APP CON, AMGR, VA DOT

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

CASIMIR L TABAKA

Jan 24, 2024

OFFICE

FPO

DATE

01/23/2024

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

Dec 22, 2023

OFFICE

AJV-A432

DATE

08/29/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Dec 22, 2023

OFFICE

AJV-A430

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KPTB
RW23
0
0
W23A
371121.5940N
0773001.1860W
+00244
371016.2510N
0773117.0930W
00040.1
F
03.00
106.75
1224
40.0
50.0

CRC REMAINDER

70DD6C6D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+00579
+00579

