

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**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		
HAMVA (IAF)	OJEMY (NOPT) (FB)	313.27 / 5.00	2000	LPV: DA LNAV/VNAV: DA LNAV: RW22	
IPINE (IAF)	OJEMY (NOPT) (FB)	133.19 / 5.00	2000	CLIMB TO 2000 DIRECT JINSO AND HOLD.	
OJEMY (IF/IAF)	TATUW (FB)	223.23 / 5.96	1500		
TATUW (FAF)	RW22 (MAP) (FO)	223.20 / 4.51		<b>ADDITIONAL FLIGHT DATA:</b> HOLD SW, RT, 043.13 INBOUND. CHART FAS OBST: 207 TOWER 274054N/0802444W DISTANCE TO THLD FROM 317 HATH: 0.86 NM. CHART VDP AT 1.44 MILES TO RW22* *LNAV ONLY. WAAS CHANNEL # 53611 REFERENCE PATH ID: W22A LTP HAE: -21.5 M	
RW22 (MAP)	338 MSL	223.20			
338 MSL	JINSO (FO)		2000		

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD NE OJEMY, RT, 223.23 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 223.20 FAF: TATUW DIST FAF TO MAP: 4.51 THLD: 4.51
- MIN. ALT: OJEMY 2000, TATUW 1500
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 1500 GS ALT AT: TATUW 1500 OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 42.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 7W EPOCH YEAR: 2015

**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	338	1	317	338	1	317	338	1	317	338	1	317			
LNAV/VNAV DA	542	1 3/4	521	542	1 3/4	521	542	1 3/4	521	542	1 3/4	521			
LNAV MDA	520	1	499	520	1	499	520	1 3/8	499	520	1 3/8	499			
CIRCLING	560	1	536	560	1	536	560	1 1/2	536	660	2	636			

**NOTES:**  
 CHART NOTE: CIRCLING TO RWY 30R NA AT NIGHT. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C (32F) OR ABOVE 43C (109F).  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART PLANVIEW NOTE AT HAMVA : MAX 210 KIAS.  
 (SEE FORM 8260-10)

CITY AND STATE VERO BEACH, FL	ELEVATION: 24 THRE: 21 AIRPORT NAME: VERO BEACH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, AMDT 1A 3 APRIL 2014	SUP: AMDT: 1 DATED 09/20/2012
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NOTES, (CONT.):

CHART PLANVIEW NOTE AT IPINE : MAX 210 KIAS.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT PIERCE ALTIMETER SETTING AND INCREASE ALL DA 23 FEET AND ALL MDA 40 FEET AND INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE AND LNAV CATS C/D 1/8 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.

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

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	133/30 CW 313/30 (NOPT)	133/13 CW 313/13 (FB)	2700
2.	133/13 CW 313/13	OJEMY (IF/IAF) (FB)	2000
3.	313/30 CW 043/30	HAMVA (IAF) (FB)	2000
4.	043/30 CW 133/30	IPINE (IAF) (FB)	2000



CITY AND STATE  
VERO BEACH, FL

ELEVATION: 24      THRE: 21  
AIRPORT NAME:  
VERO BEACH MUNI

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) RWY 22, AMDT 1A  
3 APRIL 2014

SUP:  
AMDT: 1  
DATED: 09/20/2012

**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	KVRB
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	273938.5260N
LTP/FTP LONGITUDE	0802503.3155W
LTP/FTP ELLIPSOIDAL HEIGHT	-00215
FPAP LATITUDE	273826.4100N
FPAP LONGITUDE	0802602.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER C9E05B50

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00062
FPAP ORTHOMETRIC HEIGHT	+00062

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	AIRPORT NAME: VERO BEACH MUNI			AMDT: 1
				DATED: 09/20/2012



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

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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
	HAMVA	HAMVA	010	IAF	IF		FB					AB 210
	HAMVA	OJEMY	020		TF		FB	1.0	313.3 (306.3T)	005.0	AA 02000	
	IPINE	IPINE	010	IAF	IF		FB					AB 210
	IPINE	OJEMY	020		TF		FB	1.0	133.2 (126.2T)	005.0	AA 02000	
	OJEMY	OJEMY	010	IAF	HF	R	FO		223.2 (216.2T)	004.0	AA 02000	
		OJEMY	010	FACF	IF		FB				AA 02000	
		TATUW	020	FAF	TF		FB	0.5	223.2 (216.2T)	006.0	AA 01500	
		RW22	030	MAP	TF		FO	0.3	223.2 (216.2T)	004.5	AT 00063	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		223.2 (216.2T)		AA 00338	
	JINSO	050		DF		FO				AA 02000	
	JINSO	060		HM	R	FO		043.1 (036.1T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HAMVA	N274508.94	W0801332.38	N2745.149	W08013.540
	IPINE	N275104.53	W0802238.15	N2751.076	W08022.636
	JINSO	N273030.62	W0803232.64	N2730.510	W08032.544
	OJEMY	N274806.81	W0801805.14	N2748.114	W08018.086
	TATUW	N274317.72	W0802203.16	N2743.295	W08022.053
	RW22	N273938.53	W0802503.32	N2739.642	W08025.055

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00021	42

CITY AND STATE <b>VERO BEACH, FL</b>	ELEVATION: <b>24</b>	THRE: <b>21</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 22, AMDT 1A</b> 3 APRIL 2014	SUP:
	AIRPORT NAME: <b>VERO BEACH MUNI</b>				AMDT: <b>1</b>
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