

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> SARASOTA/BRADENTON INTL	<u>AIRPORT ID</u> KSRQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 2B	<u>CITY</u> SARASOTA/BRADENTON	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 30	<u>TDZE</u> 24	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 05/28/2015	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
BRDGE	IAF	ERICO		TF	FB	1.00	296.73	16.11	2000
PIE VORTAC	IAF	ERICO		TF	FB	1.00	150.98	25.67	2000
ERICO	IF	DIRAY		TF	FB	1.00	223.16	6.10	1800
DIRAY	FAF	RITLE/2.90 NM TO RW22		TF	FB	0.30	223.15	2.50	
RITLE/2.90 NM TO RW22		RW22	MAP	TF	FO	0.30	223.15	2.90	
RW22	MAP	303 MSL		CA			223.15		
303 MSL		BAYDA		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV/VNAV: DA

LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT BAYDA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT ERICO

3. FAC: 223.15 FAF: DIRAY DIST FAF TO MAP: 5.40 DIST FAF TO THLD: 5.40

4. MIN ALT: ERICO 2000, DIRAY 1800, RITLE/2.90 NM TO RW22 1000*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 279 HAT: 0.70 GS ANT:

6. MIN GP INCPT: 1800 GP ALT AT FAF : DIRAY 1800 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH: 57.0

8. MSA FROM: RW22 2800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 43°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS 045 CW 173.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 142 ANTENNA 272426N/0823148W.
HOLD SW, RT, 043.02 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐

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
LNAV/VNAV DA	303	1	279	303	1	279	303	1	279	303	1	279			
LNAV MDA	400	1	376	400	1	376	400	1	376	400	1	376			
CIRCLING	500	1	470	500	1	470	500	1 1/2	470	580	2	550			



CHANGES - REASONS

- 1. AMENDED LNAV/VNAV DA/HAT FROM "295/271" TO "303/279" - INCORPORATED T-NOTAM 9/3242 INDICATING NEW CONTROLLING OBSTACLE.
- 2. REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH" TO EQUIPMENT REQUIREMENT NOTES - REQUIREMENT TO SPECIFY THE APPLICABLE NAVIGATION SPECIFICATION (NAVSPEC) TO BE CHARTED.
- 3. REMOVED ADDITIONAL FLIGHT DATA NOTE "CHART FAS OBST: 134 ANT ON ATCT 272411N/0823310W" AND "CHART FAS OBST: 140 TOWER 272558N/0823127W" AND ADDED "CHART FAS OBSTACLE: 142 ANTENNA 272426N/0823148W" - NEW OBSTACLE.
- 4. REMOVED CHART PROFILE NOTE "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT" AND ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE{ANGLE}/TCH{FEET})" - 8260-19H, 8-6-9.M.(1).
- 5. REMOVED NOTE "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F)" AND ADDED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 43°C" - NEW NOTES FORMAT ELIMINATES THE REQUIREMENT FOR FAHRENHEIT VALUES.
- 6. REMOVED "CHART NOTE: NIGHT LANDING: RWY 4, 22 NA" - INCORPORATED P-NOTAM 5/2009, RWY 4 20:1 PENETRATIONS CLEARED, RWY 22 NEW NA AT NIGHT NOTE.
- 7. ADDED "CHART NOTE: PROCEDURE NA AT NIGHT"- RWY 22 HAS 20:1 UNLIT PENETRATIONS.
- 8. CHANGED DISTANCE TO THLD FROM "271 HATH: 0.67 NM" TO "279 HAT: 0.70 NM" - LNAV/VNAV HAT CHANGED DUE TO NEW CONTROLLING OBSTACLE.
- 9. CHANGED TERMINAL ROUTES COURSE RITLE/2.90 NM TO RW22 FROM "223.13" TO "223.15" - SAME AS FAC.
- 10. CHANGED TERMINAL ROUTES COURSE RWY22 CA LEG FROM "223.13" TO "223.15" - SAME AS FAC.
- 11. CHANGED CA LEG ALTITUDE FROM "295 MSL" TO "303 MSL" - 8260.58A, 3-5-2.A.
- 12. CHANGED "THRE 24" TO "TDZE 24" - INCORPORATED P-NOTAM 5/2009, AFS-400 MEMO DTD JAN 8, 2014.
- 13. REMOVED "CHART NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 22 AND CIRCLING RWY 4 PROCEDURE NA AT NIGHT" - INCORPORATED P-NOTAM 5/2009, 8260.19H 8-6-9.M.
- 14. REMOVED "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA" AND ADDED "CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - INCORPORATED P-NOTAM 5/2009, 20:1 PENETRATIONS EXIST.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMA, TPA APP CON, SRQ ATCT

FLIGHT CHECKED BY MARC J HINCK	<i>Digitally signed by</i> DAVID DANNER May 24, 2019	OFFICE FICO	DATE 5/15/19	
DEVELOPED BY DAVID DANNER (KELLY CARLSON)	<i>Digitally signed by</i> DAVID DANNER May 24, 2019	OFFICE AJV-A421	DATE 02/04/2019	
APPROVED BY MARLON ROBINSON	<i>Digitally signed by</i> DAVID DANNER May 24, 2019	OFFICE AJV-A420	DATE	TITLE MANAGER

