

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> NEW SMYRNA BEACH MUNI	<u>AIRPORT ID</u> KEVB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> NEW SMYRNA BEACH	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 11	<u>TDZE</u> 11	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 04/03/2014	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
OMN VORTAC		RISRE		TF	FO	1.00	136.70	26.78	2700
OAKIE		RISRE		TF	FO	1.00	052.79	13.47	2700
RISRE	IF/IAF	KEYEC		TF	FB	1.00	290.72	6.30	1600
KEYEC	FAF	RW29	MAP	TF	FO	0.30	290.66	4.80	
RW29	MAP	308 MSL		CA			290.66		
308 MSL		ZALGO		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA

LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT ZALGO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD E RISRE, RT, 290.72 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 290.66FAF: KEYECDIST FAF TO MAP: 4.80DIST FAF TO THLD: 4.80
4. MIN ALT: RISRE 2700, KEYEC 1600
5. DIST TO THLD FROM OM:MM:IM:150 HAT:297 HAT: 0.81GS ANT:
6. MIN GP INCPT:GP ALT AT FAF : KEYEC 1600OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0
8. MSA FROM: RW29 2800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: VDP NA WHEN USING DAYTONA BEACH ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OMN VORTAC AIRWAY RADIALS 161 CW 211.
CHART NOTE: CIRCLING RWY 11, 25 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH ALTIMETER SETTING INCREASE LPV DA TO 333 FEET AND ALL MDA 40 FEET. INCREASE LNAV CAT C VISIBILITY 1/8 SM AND CIRCLING CATS C AND D VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART A-294
CHART R-2934
CHART R-2935
CHART VDP AT 1.05 NM TO RW29*
*LNAV ONLY
WAAS CHANNEL #97700
REFERENCE PATH ID: W29A
CHART FAS OBST: 122 BUILDING 290234N/0805355W.
HOLD E, RT, 290.66 INBOUND
LTP HAE: -25.1 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	308	1	297	308	1	297	308	1	297	308	1	297		QUALITY 10 CHECKED	
LNAV MDA	380	1	369	380	1	369	380	1	369	380	1 1/4	369			
CIRCLING	440	1	429	520	1	509	680	1 3/4	669	680	2	669			

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEVB
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	290309.0290N
LTP/FTP LONGITUDE	0805626.8265W
LTP/FTP ELLIPSOIDAL HEIGHT	-00251
FPAP LATITUDE	290334.5690N
FPAP LONGITUDE	0805804.2475W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1432
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C7DFFB1D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00032
FPAP ORTHOMETRIC HEIGHT	+00032

