

**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> KSTS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1F	<u>CITY</u> SANTA ROSA	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 129	<u>TDZE</u> 122	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1E	<u>DATED</u> 03/28/2019	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PYE VOR/DME		WDSTC		TF	FB	1.00	041.21	12.77	5000
SGD VORTAC		WDSTC		TF	FB	1.00	258.31	12.69	5000
ROZZA		LUSEE		TF	FO	1.00	140.67	12.16	3000
SAU VOR/DME		WDSTC		TF	FB	1.00	328.67	21.11	5000
WDSTC	IAF	LUSEE	NOPT	TF	FB	1.00	321.15	8.26	3000
LUSEE	IF/IAF	PIGPN		TF	FB	1.00	320.96	6.01	2000
PIGPN	FAF	RW32	MAP	TF	FO	0.30	321.22	5.74	
RW32	MAP	322 MSL		CA			321.22		
322 MSL		TUGUC		DF	FB	1.00			
TUGUC		CABEX		TF	FO	1.00	308.13	18.92	

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW32

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 6000 DIRECT TUGUC AND ON TRACK 308.13 TO CABEX AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

1. PT            **SIDE OF COURSE**                            **OUTBOUND**                            **FT WITHIN**                            **MILES OF**                            (IAF)

2. HOLD SE LUSEE, LT, 320.96 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 10000.

3. **FAC:** 321.22    **FAF:** PIGPN    **DIST FAF TO MAP:** 5.74    **DIST FAF TO THLD:** 5.74

4. **MIN ALT:** LUSEE 3000, PIGPN 2000

5. **DIST TO THLD FROM OM:**                            **MM:**                            **IM:**                            **150 HAT:**                            **200 HAT:** 0.46                            **GS ANT:**

6. **MIN GP INCPT:** 2000                            **GP ALT AT FAF :** PIGPN 2000    **OM:**    **MM:**    **IM:**

7. **GP ANGLE:** 3.00                            **34:1:** IS CLEAR                            **20:1:** IS CLEAR                            **TCH:** 52.8

8. **MSA FROM:** RW32 5900

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4°C OR ABOVE 54°C.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PYE VOR/DME AIRWAY RADIALS 335 CW 108 AND T-257.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SGD VORTAC AIRWAY RADIALS 297 CW 347.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROZZA V494 WESTBOUND.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAU VOR/DME V150 SOUTHWEST BOUND.  
 CHART NOTE: \*\*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

**ADDITIONAL FLIGHT DATA:**

CHART: SANTA ROSA AIR CENTER (ABANDONED)  
 CHART CIRCLING ICON  
 HOLD SE, LT, 311.00 INBOUND.  
 CHART FAS OBST: 301 TREE 382732N/1224614W.  
 CHART VDP AT 1.21 NM TO RW32\*  
 \*LNAV ONLY.  
 WAAS CHANNEL # 72611  
 REFERENCE PATH ID: W32A  
 LTP HAE: 5.4 M



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

**ALTERNATE:** NA  STANDARD - CAT C 1000-3, CAT D 1300-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>												
LPV DA**	322	2400	200	322	2400	200	322	2400	200	322	2400	200			
LNAV/VNAV DA	570	5000	448	570	5000	448	570	5000	448	570	5000	448			
LNAV MDA	560	2400	438	560	2400	438	560	4000	438	560	4000	438			
CIRCLING	600	1	471	680	1	551	1080	3	951	1420	3	1291			

**CHANGES - REASONS**

1. CHANGED PBN REQUIREMENTS NOTE: FROM RNP APCH TO RNP APCH - GPS. 8260.19I, 8-6-8B2.
2. CHANGED CHART PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVALS AT STS VOR/DME V494 WESTBOUND" TO "PROCEDURE NA FOR ARRIVALS AT ROZZA ON V494 WESTBOUND. - STS VOR/DME DECOMMISSIONING.
3. ADDED 20:1 IS CLEAR PROFILE LINE 7. - 8260.19I, 8-6-7G3.
4. CHANGED THE STS VOR/DME TO ROZZA FIX STS VOR/DME DECOMMISSIONED AND REPLACED WITH ROZZA FIX AT THE SAME COORDINATES. NO CHANGE IN COURSE OR DISTANCE.
5. ALTERNATE WEATHER MINS: ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE- CONTINGENCY NOTE ON -9.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZOA, ARPT MGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

**DEVELOPED BY**

JON DENTON (THOR CORNELL)

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*  
**JON DENTON**  
Apr 19, 2021

**OFFICE**

*Digitally signed by*  
**JON DENTON**  
Apr 19, 2021

**OFFICE**

AJV-A432

**OFFICE**

AJV-A430

**DATE**

02/18/2021

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSTS
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	383008.3900N
LTP/FTP LONGITUDE	1224820.4750W
LTP/FTP ELLIPSOIDAL HEIGHT	+00054
FPAP LATITUDE	383130.6030N
FPAP LONGITUDE	1224904.4855W
THRESHOLD CROSSING HEIGHT (TCH)	00052.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	D7DCBE0A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00367
FPAP ORTHOMETRIC HEIGHT	+00367

