

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		LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 6000 DIRECT TUGUC AND ON TRACK 308.13 TO CABEX AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 311.00 INBOUND. CHART FAS OBST: 301 TREE 382732N/1224614W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.21 NM TO RW32* *LNAV ONLY. WAAS CHANNEL # 72611 REFERENCE PATH ID: W32A CHART: SANTA ROSA AIR CENTER (ABANDONED) CHART CIRCLING ICON LTP HAE: 5.3 M									
PYE VOR/DME		WDSTC (FB)		041.21 / 12.77				5000											
SGD VORTAC		WDSTC (FB)		258.31 / 12.69				5000											
STS VOR/DME		LUSEE (FO)		140.67 / 12.16				3000											
SAU VOR/DME		WDSTC (FB)		328.67 / 21.11				5000											
WDSTC (IAF)		LUSEE (NOPT) (FB)		321.15 / 8.26				3000											
LUSEE (IF/IAF)		PIGPN (FB)		320.96 / 6.01				2000											
PIGPN (FAF)		RW32 (MAP) (FO)		321.22 / 5.74															
(SEE FORM 8260-10)																			
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) 3. FAC: 321.22 FAF: PIGPN _____ DIST FAF TO MAP: 5.74 THLD: 5.74 4. MIN. ALT: LUSEE 3000, PIGPN 2000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: PIGPN 2000 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.8 34:1 IS CLEAR 8. MSA FROM: RW32 5900																MAG VAR: 16E		EPOCH YEAR: 1985	
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	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							
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4C (25F) OR ABOVE 54C (130F). @ CAT C 1000-3, CAT D 1300-3 CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PYE VOR/DME AIRWAY RADIALS 335 CW 108 AND T-257. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SGD VORTAC AIRWAY RADIALS 297 CW 347. (CONTINUED ON PAGE 2)																			
CITY AND STATE		ELEVATION: 129 TDZE: 122		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:									
SANTA ROSA, CA		AIRPORT NAME:		CHARLES M SCHULZ - SONOMA COUNTY		RNAV (GPS) RWY 32, AMDT 1B				AMDT: 1A									
						15 SEPTEMBER 2016				DATED		07/21/2016							

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW32 (MAP)	322 MSL	321.22	
322 MSL	TUGUC (FB)		
TUGUC	CABEX (FO)	308.13 / 18.92	6000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE PETALUMA ALTIMETER SETTING: INCREASE ALL DA 47 FEET, ALL MDA 60 FEET, INCREASE LPV, LNAV/VNAV AND LNAV CAT C/D VISIBILITIES 3/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STS VOR/DME V494 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAU VOR/DME V150 SOUTHWEST BOUND.

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

CITY AND STATE
SANTA ROSA, CA

ELEVATION: 129 TDZE: 122
AIRPORT NAME:
CHARLES M SCHULZ - SONOMA COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 1B
15 SEPTEMBER 2016

SUP: **QUALITY
24
CHECKED**
AMDT: 1A
DATED: 07/21/2016

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

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	383008.3890N
LTP/FTP LONGITUDE	1224820.4700W
LTP/FTP ELLIPSOIDAL HEIGHT	+00053
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

89A68F67

ADDITIONAL PATH POINT RECORD INFORMATION

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

QUALITY
24
CHECKED

CITY AND STATE

SANTA ROSA, CA

ELEVATION: 129

TDZE: 122

AIRPORT NAME:

CHARLES M SCHULZ - SONOMA COUNTY

 FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 1B

15 SEPTEMBER 2016

SUP:

AMDT:

DATED:

1A

07/21/2016

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION												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.		
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE														
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33														
ARINC SUMMARY - KSTS														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
PYE	010	PYE	IF	FB										V
PYE	020	WDSTC	TF	FB	2.0	041.2						AA 05000		E A
PYE	030	LUSEE	TF	FB	1.0	321.2						AA 03000		EE B
SAU	010	SAU	IF	FB										V
SAU	020	WDSTC	TF	FB	2.0	328.7						AA 05000		E
SAU	030	LUSEE	TF	FB	1.0	321.2						AA 03000		EE B
SGD	010	SGD	IF	FB										V
SGD	020	WDSTC	TF	FB	2.0	258.3						AA 05000		E A
SGD	030	LUSEE	TF	FB	1.0	321.2						AA 03000		EE B
STS	010	STS	IF	FB										V
STS	020	LUSEE	TF	FO	2.0	140.7						AA 03000		EY
STS	030	LUSEE	HF	FO		321.0			L			AA 03000		EE A
	010	LUSEE	IF	FB								AA 03000		E I
	020	PIGPN	TF	FB	1.0	321.0				RW32		AA 02000		E F
	030	RW32	TF	FO	0.3	321.2		3.00				AT 00173		GY M
	040		CA	FB		321.2						AA 00322		M
	050	TUGUC	DF	FB										E
	060	CABEX	TF	FO	1.0	308.1						AA 06000		EY
	070	CABEX	HM	FO		311.0			L			AA 06000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
PYE			N380447.12			W1225204.18								
SAU			N375119.20			W1223121.91								
SGD			N381045.70			W1222223.35								
STS			N383029.47			W1224838.22								
CABEX			N384804.30			W1230354.68								
LUSEE			N381918.79			W1224231.20								
PIGPN			N382450.77			W1224530.71								
TUGUC			N383244.51			W1224944.08								
WDSTC			N381141.86			W1223826.78								
RUNWAYS														
RUNWAY			THRESHOLD LATITUDE			THRESHOLD LONGITUDE			THRESHOLD ELEVATION			PROCEDURE TCH		

CITY AND STATE SANTA ROSA, CA	ELEVATION: 129	TDZE: 122	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: CHARLES M SCHULZ - SONOMA COUNTY		RNAV	RNAV (GPS) RWY 32, AMDT 1B 15 SEPTEMBER 2016	AMDT: 1A
					DATED: 07/21/2016

QUALITY
 24
 CHECKED

RW32	N383008.39	W1224820.47	00121	52.8	
------	------------	-------------	-------	------	--

CITY AND STATE SANTA ROSA, CA	ELEVATION: 129 TDZE: 122 AIRPORT NAME: CHARLES M SCHULZ - SONOMA COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1B 15 SEPTEMBER 2016	SUP:	<div style="color: green; font-weight: bold; text-align: center;"> QUALITY 24 CHECKED </div>
				AMDT:	1A
				DATED:	07/21/2016