

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION**  
**GRAPHIC DEPARTURE PROCEDURE (DP)**

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation.  
Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SANTA ROSA	SEVEN	STS7.SNUPY	SIX	25 NOV 04	06 FEB 2014

**TYPE:** SID

**DP ROUTE DESCRIPTION:**

RWY 2: TURN LEFT HEADING 270.00, THENCE...

RWY 14 AND 20: TURN RIGHT HEADING 360.00, THENCE...

RWY 32: CLIMB HEADING 320.00, THENCE...

...INTERCEPT AND CLIMB ON STS R-321.00 TO TIKOY/6.00 DME, THEN TURN RIGHT HEADING 070.00 TO INTERCEPT AND PROCEED ON SGD R-307.00 TO SNUPY INT/SGD 23.91 DME, THEN ON (TRANSITION) OR (ASSIGNED ROUTE).

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
SCAGGS ISLAND	STS7.SGD	SNUPY INT	SGD VORTAC	126.81	23.91	5000		

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

NOTE: DME REQUIRED.

**TAKEOFF MINIMUMS:**

RWY 2, STANDARD WITH MINIMUM CLIMB OF 281 FT PER NM TO 3900.

RWY 14, STANDARD WITH MINIMUM CLIMB OF 298 FT PER NM TO 2400.

RWY 20, STANDARD WITH MINIMUM CLIMB OF 408 FT PER NM TO 2800.

RWY 32, STANDARD WITH MINIMUM CLIMB OF 281 FT PER NM TO 2700.

QUALITY  
3  
07/04/14

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**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 2, LIGHT STRUCTURE 2 FT FROM DER, 126 FT RIGHT OF CENTERLINE, 1 FT AGL/115 FT MSL. MULTIPLE TREES BEGINNING 673 FT FROM DER, 36 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/156 FT MSL. MULTIPLE TREES BEGINNING 696 FT FROM DER, 288 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/156 FT MSL. MULTIPLE TREES BEGINNING 1066 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/166 FT MSL. MULTIPLE TREES BEGINNING 1054 FT FROM DER, 114 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/184 FT MSL. MULTIPLE TREES BEGINNING 2014 FT FROM DER, 620 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/178 FT MSL. MULTIPLE TREES BEGINNING 2025 FT FROM DER, 341 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/196 FT MSL.

NOTE: RWY 14, TREE 1 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 20 FT AGL/136 FT MSL. LIGHT STRUCTURE 6 FT FROM DER, 40 FT LEFT OF CENTERLINE, 1 FT AGL/121 FT MSL. MULTIPLE TREES BEGINNING 409 FT FROM DER, 423 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/147 FT MSL. MULTIPLE TREES BEGINNING 1201 FT FROM DER, 275 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/167 FT MSL. TREE 2194 FT FROM DER, 1034 FT RIGHT OF CENTERLINE, 60 FT AGL/180 FT MSL. NOTE: RWY 20, TREE 108 FT FROM DER, 462 FT RIGHT OF CENTERLINE, 40 FT AGL/162 FT MSL. MULTIPLE TREES BEGINNING 1596 FT FROM DER, 403 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/187 FT MSL. MULTIPLE TREES BEGINNING 1498 FT FROM DER, 566 FT RIGHT OF CENTERLINE, UP TO 144 FT AGL/274 FT MSL. MULTIPLE TREES BEGINNING 2841 FT FROM DER, 109 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/228 FT MSL. TREE 2684 FT FROM DER, 1116 FT RIGHT OF CENTERLINE, 70 FT AGL/198 FT MSL. NOTE: RWY 32, POLES AND LIGHT STRUCTURES 32 FT FROM DER, 150 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/133 FT MSL. POLES AND LIGHT STRUCTURES 2 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 4 FT AGL/116 FT MSL. TREE 968 FT FROM DER, 473 FT LEFT OF CENTERLINE, 33 FT AGL/147 FT MSL. MULTIPLE TREES BEGINNING 626 FT FROM DER, 246 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/156 FT MSL. MULTIPLE TREES BEGINNING 1139 FT FROM DER, 67 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/156 FT MSL. MULTIPLE TREES BEGINNING 1110 FT FROM DER, 509 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/171 FT MSL. TREE 4067 FT FROM DER, 141 FT LEFT OF CENTERLINE, 167 FT AGL/257 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 2, 32: 1200 FT MSL AAO 383602.74/1224845.90W, 2059 FT MSL AAO 384046.10N/1224614.78W.  
 RWY 20: 1640 FT MSL AAO 383129.54N/1225521.57W, 2140 FT MSL AAO 383348.78N/1225937.90W.  
 RWY 14: 1640 FT MSL AAO 383129.54N/1225521.57W, 1852 FT MSL AAO 383223.02N/1225740.60W.



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**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

**AIRPORTS SERVED:**

CHARLES M. SCHULZ-SONOMA COUNTY

SANTA ROSA, CA

**COMMUNICATIONS:**

GND CON, STS ATCT, ZOA

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

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**CHANGES:**

1. CHANGED RWY 1/19 TO RWY 2/20.
2. REVISED TAKEOFF OBSTACLES.
3. CHANGED RWY 2 CG FROM 262 TO 281.
4. CHANGED RWY 32 CG FROM 250 TO 281.
5. CHANGED RWY 20 CG FROM 288 TO 408.
6. CHANGED RWY 14 CG FROM 257 TO 298.
7. REMOVED "VIA" FROM DEPARTURE ROUTE INSTRUCTIONS FOR RWY 32.
8. CHANGED MEA FROM SNUPY TO SCD FROM 4700 TO 5000.

**REASONS:**

1. RWY RENUMBERING.
2. NEW SURVEY.
3. NEW OBSTACLES.
4. NEW OBSTACLES.
5. NEW OBSTACLES.
6. NEW OBSTACLES.
7. AS PER CRITERIA.
8. APPLIED 2000 FT ROC.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SANTA ROSA	SEVEN	STS7.SNUPY	SIX	25 NOV 2004	06 FEB 2014

[illegible]

**DEPARTURE (DATA RECORD)**

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SANTA ROSA	SEVEN	STS7.SNUPY	SIX	25 NOV 2004	06 FEB 2014
SUSAP KSTSK2GRW14	0051211412	N38305505W122484544+0100	+0003600115000053150R		
SUSAP KSTSK2GRW20	0050201932	N38305472W122484467+0300	+0003500114000030100V		
SUSAP KSTSK2GRW32	0051213212	N38300839W122482047-0100	+0005300121000053150IIST51		

## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SANTA ROSA	SEVEN	STS7.SNUPY	SIX	25 NOV 2004	06 FEB 2014

## ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW02		010		CA		FB		013.2()		AA 00529	
	RW02		020		VI	L	FB		270.0()			
	RW02	TIKOY	030		CF		FB		321.0()	005.0		
	RW14		010		CA		FB		141.2()		AA 00529	
	RW14		020		VI	R	FB		360.0()			
	RW14	TIKOY	030		CF		FB		321.0()	005.0		
	RW20		010		CA		FB		193.2()		AA 00529	
	RW20		020		VI	R	FB		360.0()			
	RW20	TIKOY	030		CF		FB		321.0()	005.0		
	RW32		010		VI		FB		320.0()			
	RW32	TIKOY	020		CF		FB		321.0()	005.0		
		TIKOY	010		IF		FB					
			020		VI		FB		070.0()			
		SNUPY	030		CF		FB		127.0()	010.0		
		SGD	040		TF		FB					

## POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
SGD	N381045.70	W1222223.35	N3810.762	W12222.389
STS	N383029.47	W1224838.22	N3830.491	W12248.637
SNUPY	N383006.16	W1224017.43	N3830.103	W12240.291
TIKOY	N383601.08	W1225137.63	N3836.018	W12251.627
RW02	N383011.40	W1224915.46	N3830.190	W12249.258
RW14	N383055.05	W1224845.44	N3830.918	W12248.757
RW20	N383054.72	W1224844.67	N3830.912	W12248.745
RW32	N383008.39	W1224820.47	N3830.140	W12248.341

## RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW02	00129	50
RW14	00115	53
RW20	00114	30
RW32	00121	53