

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
WATSONVILLE	FOUR	WV14.WVI	THREE	04/30/2015	13 SEPTEMBER 2018
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**DP ROUTE DESCRIPTION:**

TAKEOFF RUNWAY 2, 9: CLIMBING RIGHT TURN ON HEADING 175 TO INTERCEPT SNS VORTAC R-309 TO SNS VORTAC, THENCE...  
TAKEOFF RUNWAY 20: CLIMB HEADING 213.32 TO 1000, THEN CLIMBING LEFT TURN TO INTERCEPT SNS VORTAC R-293 TO SNS VORTAC, THENCE...  
... CONTINUE CLIMB IN SNS HOLDING PATTERN (NW, LT, 113.00 INBOUND) TO CROSS SNS VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

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

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
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**PROCEDURAL DATA NOTES:**

**TAKEOFF MINIMUMS:**

RWY 27: NA - AIRPORT OBSTACLES.  
RWY 20: STANDARD.  
RWY 2: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2600.  
RWY 9: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 400.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 2: LIGHTING 8 FT FROM DER, 84 FT LEFT OF CENTERLINE, 1 FT AGL/159 FT MSL.  
LIGHTING 9 FT FROM DER, 84 FT RIGHT OF CENTERLINE, 158 FT MSL.  
POLE 14 FT FROM DER, 349 FT LEFT OF CENTERLINE, 205 FT MSL.  
POLE, BUILDING, VEHICLES ON ROAD, TREE AND FENCE BEGINNING 15 FT FROM DER, 322 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/213 FT MSL.  
TREES BEGINNING 278 FT FROM DER, 414 FT RIGHT OF CENTERLINE, UP TO 188 FT MSL.  
POLE, VEHICLES ON ROAD, STACK, TREE AND BUILDING BEGINNING 429 FT FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/220 FT MSL.  
POLE, BUILDING AND TREE BEGINNING 808 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/198 FT MSL.  
TREE AND TRANSMISSION LINE BEGINNING 1021 FT FROM DER, 137 FT RIGHT OF CENTERLINE, UP TO 222 FT MSL.  
POLE 1174 FT FROM DER, 328 FT RIGHT OF CENTERLINE, 57 FT AGL/224 FT MSL.  
TREES BEGINNING 1275 FT FROM DER, 298 FT RIGHT OF CENTERLINE, UP TO 242 FT MSL.  
TREE 1345 FT FROM DER, 320 FT LEFT OF CENTERLINE, 236 FT MSL.  
TREE 2249 FT FROM DER, 371 FT LEFT OF CENTERLINE, 264 FT MSL.



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WATSONVILLE	FOUR	WVI4.WVI	THREE	04/30/2015	13 SEPTEMBER 2018

NOTE: RWY 9: TREE AND POLE BEGINNING 1 FT FROM DER, 152 FT LEFT OF CENTERLINE, UP TO 157 FT MSL.  
POLE 65 FT FROM DER, 301 FT RIGHT OF CENTERLINE, 31 FT AGL/148 FT MSL.  
TREE, FENCE, BUILDING, VEHICLES ON ROAD AND POLE BEGINNING 74 FT FROM DER, 251 FT LEFT OF CENTERLINE, UP TO 160 FT MSL.  
POLE, TREE, BUILDING, TANK AND STACK BEGINNING 210 FT FROM DER, 139 FT LEFT OF CENTERLINE, UP TO 177 FT MSL.  
POLE 231 FT FROM DER, 250 FT RIGHT OF CENTERLINE, 32 FT AGL/153 FT MSL.  
TREES BEGINNING 312 FT FROM DER, 560 FT RIGHT OF CENTERLINE, UP TO 173 FT MSL.  
TOWER, POLE AND TREE BEGINNING 828 FT FROM DER, 136 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/181 FT MSL.  
TREES BEGINNING 915 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 197 FT MSL.  
TREE 1815 FT FROM DER, 365 FT LEFT OF CENTERLINE, 215 FT MSL.  
TOWER 4697 FT FROM DER, 1365 FT RIGHT OF CENTERLINE, 189 FT AGL/292 FT MSL.

NOTE: RWY 20: TREE 57 FT FROM DER, 500 FT LEFT OF CENTERLINE, 153 FT MSL.  
FENCE 57 FT FROM DER, 268 FT RIGHT OF CENTERLINE, 7 FT AGL/143 FT MSL.  
POLE 95 FT FROM DER, 467 FT LEFT OF CENTERLINE, 175 FT MSL.  
POLE, VEHICLES ON ROAD AND TREE BEGINNING 96 FT FROM DER, 377 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/183 FT MSL.  
TRANSMISSION LINE 848 FT FROM DER, 505 FT LEFT OF CENTERLINE, 44 FT AGL/184 FT MSL.  
TREE AND TRANSMISSION LINE BEGINNING 919 FT FROM DER, 520 FT LEFT OF CENTERLINE, UP TO 190 FT MSL.  
TREE 1153 FT FROM DER, 286 FT RIGHT OF CENTERLINE, 169 FT MSL.  
TREE 1207 FT FROM DER, 615 FT LEFT OF CENTERLINE, 197 FT MSL.  
TREE, BUILDING AND TRANSMISSION LINE BEGINNING 1267 FT FROM DER, 318 FT LEFT OF CENTERLINE, UP TO 203 FT MSL.  
TREE 1336 FT FROM DER, 7 FT RIGHT OF CENTERLINE, 177 FT MSL.  
TREE 1337 FT FROM DER, 46 FT RIGHT OF CENTERLINE, 192 FT MSL.  
TREE 2201 FT FROM DER, 776 FT RIGHT OF CENTERLINE, 240 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 2: 1939 FT MSL AAO 365759.76N/1214135.09W  
RWY 9: 292 FT MSL TOWER 365550.00N/1214556.00W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 2, 9, 20: 4052 FEET MSL TOWER 370330.00N/1214634.00W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

CHART: HOLDING PATTERN AT SNS VORTAC, HOLD NW, LT, 113.00 INBOUND.

REFERENCE MAG VAR: KWVI 14E EPOCH YR: 2015



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**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
WATSONVILLE MUNI (KWVI)	WATSONVILLE	CA

**COMMUNICATIONS:**

ASOS, CTAF, NORCAL DEP CON, ZOA

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

ABBREVIATED AMENDMENT

ROUTE DEVELOPED AS SPECIFIED BY FPT WITH ATC CONCURRENCE.  
VCOA NOT DEVELOPED PER ATC REQUEST.

**FLIGHT INSPECTED BY:**

*Digitally signed by*

**DEZ SILAGYI**

Jul 18, 2018

**OFFICE SYMBOL:**

**DATE:**

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017

**DEVELOPED BY:**

*Digitally signed by*

**RUSSELL ROSLEWSKI**

May 16, 2018

**OFFICE SYMBOL:**

AJV-5421

**DATE:**

04/02/2018

**APPROVED BY:**

*Digitally signed by*

**DEZ SILAGYI**

Jul 18, 2018

**OFFICE SYMBOL:**

AJV-5420

**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

**A4A**

**ALPA**

**AOPA**

**APA**

**HAI**

**NBAA**



**OTHER:**

NORCAL APP CON, AIRPORT MANAGER

**CHANGES - REASONS:**

1. TAKEOFF MINIMUMS, CHANGED RWY 27 TO NA-AIRPORT OBSTACLES - FPT ADVISED THAT HANGARS PENETRATE THE RUNWAY VISUAL ZONE.
2. REMOVED ALL OTHER REFERENCES TO AND DATA FOR RUNWAY 27 - TAKEOFF RUNWAY 27 NA.
3. RUNWAY 9 CLIMB GRADIENT INCREASED FROM 260 TO 270 - RECALCULATION USING CURRENT CG FORMULA
4. TAKEOFF OBSTACLES UPDATED - CURRENT SURVEY DATA.

