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.

PROCEDURE NAME AIRPORT ID WVI

ORIGINAL/AMENDMENT 3

CITY

STATE

AIRPORT ELEVATION

RNAV (GPS) RWY 2

WATSONVILLE **DATED**

CA **EPOCH YEAR**

163

TDZE SUPERSEDED 152

ORIGINAL/AMENDMENT 2

01/30/2020

MAG VAR 14E

2015

FACILITY

RNAV (GPS) RWY 2

ACTUAL EFFECTIVE DATE

REQUIRED EFFECTIVE DATE

RNAV

COORDINATES OF FACILITIES

11 JULY 2024

ROUTINE

CANCEL/SUSPEND

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-13.

FROM	FIX TYPE	<u>TO</u>	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SNS VORTAC		RISPE		TF	FB	1.00	263.70	10.56	4000
SANTY		LEPWU		TF	FB	1.00	161.66	10.31	4000
RISPE	IAF	IFAFY		TF	FB	1.00	288.39	6.76	3000
LEPWU	IAF	IFAFY		TF	FB	1.00	108.16	6.75	3000
IFAFY	IF	FOXOV		TF	FB	1.00	018.23	7.19	2000
FOXOV	FAF	RW02	MAP	TF	FO	0.30	018.28	5.67	
RW02	MAP	740 MSL		CA			018.28		740
740 MSL		IFAFY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA LNAV/VNAV: DA

LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 200 KIAS UNTIL IFAFY) CLIMB TO 740 THEN CLIMBING RIGHT TURN TO 3000 DIRECT IFAFY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.



ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

SIDE OF COURSE OUTBOUND **FT WITHIN MILES OF** (IAF)

2. PROFILE STARTS AT IFAFY

5.67 **3. FAC:** 018.28 FAF: FOXOV DIST FAF TO MAP: 5.67 DIST FAF TO THLD:

MIN ALT: IFAFY 3000, FOXOV 2000

DIST TO THLD FROM OM: MM: IM: 150 HAT: 296 HAT: 0.79 GS ANT:

OM: MM: IM:

MIN GP INCPT: 2000 **GP ALT AT PFAF:** FOXOV 2000

GP ANGLE: 3.00 34:1: IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 56.0

MSA FROM: RW02 5600
 AIRPORT ID
 PROCEDURE NAME
 ORIGINAL/AMENDMENT
 CITY
 STATE

 WVI
 RNAV (GPS) RWY 2
 3
 WATSONVILLE
 CA

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 2 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: CIRCLING RWY 9, 27 NA AT NIGHT.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0°C OR ABOVE 54°C.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SNS VORTAC AIRWAY RADIALS 264 CW 293.

CHART NOTE: CIRCLING NA W OF RWY 2-20.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEREY ALTIMETER SETTING AND INCREASE LPV DA TO 510 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE

LNAV/VNAV DA TO 834 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C 1/8 SM.

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

CHART SPEED ICON IN PLANVIEW AT RISPE: MAX 210 KIAS.

CHART SPEED ICON IN PLANVIEW AT LEPWU: MAX 210 KIAS.

CHART SPEED ICON IN PLANVIEW AT IFAFY: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 018.23 INBOUND. FAS OBST: 439 TREE 365440N/1214927W. CHART VDP AT 1.62 NM TO RW02. WAAS CHANNEL # 50144 REFERENCE PATH ID: W02A

LTP HAE: 9.1 M

MINIMUMS:

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

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

CATEGORY:		Α			В			С			D			E	
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	448	7/8	296	448	7/8	296	448	7/8	296	448	7/8	296			
LNAV/VNAV DA	772	1 3/4	620	772	1 3/4	620	772	1 3/4	620	772	1 3/4	620			
LNAV MDA	700	1	548	700	1	548	700	1 5/8	548	700	1 5/8	548			
CIRCLING	700	1	537	700	1	537	700	1 5/8	537	1160	3	997			

<u>AIRPORT ID</u>	PROCEDURE NAME	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
WVI	RNAV (GPS) RWY 2	3	WATSONVILLE	CA

CHANGES - REASONS

COORDINATED WITH:

1. MISSED APPROACH INSTRUCTIONS CHANGED FROM (DO NOT EXCEED 185 KIAS UNTIL SHOEY) CLIMB TO 700 THEN CLIMBING LEFT TURN TO 6000 DIRECT SHOEY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000 TO (DO NOT EXCEED 200 KIAS UNTIL IFAFY) CLIMB TO 740 ON COURSE 018.28 THEN CLIMBING RIGHT TURN TO 3000 DIRECT IFAFY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000 - ATC AND FPT REQUEST.

2. CIRCLING CAT D MDA/HAA CHANGED FROM 1100/937 TO 1160/997 - NEW CONTROLLING OBSTACLE.

- 3. ADDITIONAL FLIGHT DATA NOTE CHANGED FROM CHART FAS OBST: 439 TREE 365437N/1214924W TO FAS OBST: 439 TREE 365440N/1214927W NEW EVALUATION.
- 4. CRC REMAINDER CHANGED FROM FFD1AEC8 TO 56F0C865 CHANGES TO LTP/FTP LATITUDE AND LONGITUDE.
- 5. REMOVED CHART CIRCLING ICON FROM ADDITONAL FLIGHT DATA NO LONGER NEEDED.
- 6. CHART NOTE CHANGED FROM CIRCLING RWY 27 NA AT NIGHT TO CIRCLING RWY 9, 27 NA AT NIGHT 20:1 PENETRATIONS EXISIT FOR RWY 9.
- 7. CHART NOTE CHANGED FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2°C OR ABOVE 54°C TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0°C OR ABOVE 54°C NEW 5 YEAR DATA SET.
- 8. ALT MINS: ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE PROCEDURE HAS A BACKUP ALTIMETER.
- 9. CHANGED PBN REQUIREMENTS NOTE: FROM "RNP APCH" TO "RNP APCH GPS" UPDATED REQUIREMENT.
- 10. ADDED CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MONTEREY ALTIMETER SETTING REMOTE PRIMARY ALTIMETER SOURCE.

Mar 05, 2024

11. ADDITIONAL FLIGHT DATA: CHANGED MISSED APPROACH HOLDING PATTERN FROM "HOLD NW, RT, 128.44 INBOUND" TO "HOLD S, LT, 018.23 INBOUND - ATC AND FTP REQUEST.

05/07/2024:THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/05/2024.
MISSED APPROACH INSTRUCTIONS: REMOVED "ON COURSE 018.28" FROM INSTRUCTION.

A4A ALPA X AOPA	X APA HAI	NBAA χ OTHER:	ZOA ARTCC, NORCAL TRACON, AMG	R	
FLIGHT CHECKED BY THOMAS E MOLOKIE		Digitally signed by ROBERT G HAMILTON Mar 05, 2024	<u>OFFICE</u> FPO	DATE 04/08/2024	
DEVELOPED BY FRANK MOORE	Digitally signed by FRANK MOORE		OFFICE AJV-A433	DATE 11/14/2023	
APPROVED BY ROBERT G HAMILTON		igitally signed by BERT G HAMILTON	OFFICE AJV-A430	<u>DATE</u>	TITLE MANAGER

ORIGINAL/AMENDMENT AIRPORT ID PROCEDURE NAME CITY WATSONVILLE WVI RNAV (GPS) RWY 2 3 **FAS DATA BLOCK INFORMATION DATA FIELD** DATA **OPERATION TYPE** 0 SBAS SERVICE PROVIDER IDENTIFIER 0 AIRPORT IDENTIFIER KWVI **RUNWAY** RW02 APPROACH PERFORMANCE DESIGNATOR 0 **ROUTE INDICATOR** REFERENCE PATH DATA SELECTOR 0 REFERENCE PATH IDENTIFIER (APPROACH ID) W02A 365544.5245N LTP/FTP LATITUDE 1214744.8825W LTP/FTP LONGITUDE LTP/FTP ELLIPSOIDAL HEIGHT +00091 FPAP LATITUDE 365659.9100N **FPAP LONGITUDE** 1214645.4460W

THRESHOLD CROSSING HEIGHT (TCH) 00056.0

TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00

COURSE WIDTH AT THRESHOLD 106.75

LENGTH OFFSET 1376

HORIZONTAL ALERT LIMIT (HAL) 40.0

VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER 56F0C865

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K2 LTP ORTHOMETRIC HEIGHT +00425 FPAP ORTHOMETRIC HEIGHT +00425 STATE

CA