

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV - 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> KSBD	<u>PROCEDURE NAME</u> RNAV (RNP) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SAN BERNARDINO	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 1159	<u>TDZE</u> 1159	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 13E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 16 MAY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE			

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
ZIGGY		PESLE		TF	FB	1.00	167.52	7.48	6000
WELDR		PESLE		TF	FB	1.00	153.93	8.74	6000
PESLE	IAF	ROLIE		TF	FB	1.00	098.30	7.00	6000
PDZ VORTAC	IAF	ROLIE		TF	FB	1.00	070.62	18.63	6000
BANDS	IAF	ELICA		TF	FB	1.00	241.01	10.85	9000
ELICA		SENIK		TF	FB	1.00	271.42	2.77	8000
SENIK		ROLIE		RF	FB	1.00	4.00 NM RADIUS CW (CFWWH)	7.60	6000
ROLIE	IF	XONIA		TF	FB	1.00	020.24	4.91	4500
XONIA		ADOVE		RF	FB	1.00	3.50 NM RADIUS CCW (CFXDC)	1.00	4200
ADOVE	PFAF	*MAJRU		RF	FB		3.50 NM RADIUS CCW (CFXDC)	2.83	3300
MAJRU		*MASPV		RF	FB		3.50 NM RADIUS CCW (CFXDC)	4.71	1800
MASPV	FROP	(CFMLB)	MAP	TF	FO		240.47	1.85	
(CFMLB)	MAP	OVULE		TF	FB	1.00	240.45	4.14	
OVULE		PDZ VORTAC		TF	FO	1.00	216.94	15.07	6000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6000 ON TRACK 240.45 TO OVULE AND TRACK 216.94 TO PDZ VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. PROFILE STARTS AT ROLIE
3. FAC: * PFAF: ADOVE DIST PFAF TO MAP: DIST PFAF TO THLD:
4. MIN ALT: ROLIE 6000, XONIA 4500, ADOVE 4200
5. DIST TO THLD FROM PFAF: 9.39 MM: IM: 150 HAT: 362 HAT: 0.98
6. MIN GP INCPT: 4200 GP ALT AT PFAF: ADOVE 4200, MAJRU 3300, MASPV 1800 MM: IM:
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 50.0
8. MSA FROM: RW24 12800

PBN EQUIPMENT REQUIREMENTS NOTES:

RNP AR APCH – GPS, RF. AUTHORIZATION REQUIRED.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 2C OR ABOVE 54C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BANDS ON V372 NORTHEAST BOUND, V16-370 EASTBOUND, AND T306 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 130.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 258.00 INBOUND
FAC CROSSES RWY C/L EXTENDED 1500 FEET FROM THLD
CHART KRIV
CHART KREI
CHART REDLANDS AEROBATIC OPERATIONS AREA (CHART SUPPLEMENT SPECIAL NOTICES)
NON-FAA PROCEDURE

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

CATEGORY:

FINAL TYPE	DA/MDA	A	HAT/HAA	DA/MDA	B	HAT/HAA	DA/MDA	C	HAT/HAA	DA/MDA	D	HAT/HAA	DA/MDA	E	HAT/HAA
		VIS			VIS			VIS			VIS			VIS	

AUTHORIZATION REQUIRED

RNP 0.15 DA	1520	5500	361	1520	5500	361	1520	5500	361	1520	5500	361			

CHANGES - REASONS:

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZLA, SCT, SBD FCT, SBIAA, UPS

FLIGHT CHECKED BY

CHRISTIAN F BAUR

Chris Baur Digitally signed by Chris Baur
Date: 2023.09.08 16:18:41 -07'00'

OFFICE

HAC

DATE

09/06/2022

DEVELOPED BY

BOB ABBOTT

Bob Abbott Digitally signed by Bob Abbott
Date: 2023.09.08 16:18:54 -07'00'

OFFICE

HAC

DATE

09/07/2021

APPROVED BY

TONY LAWSON

Tony Lawson Digitally signed by Tony Lawson
Date: 2024.02.02 14:27:13 -07'00'

OFFICE

HAC

DATE

09/29/2023

TITLE

CHIEF DESIGNER