

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (RNP) 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><b>AIRPORT ID</b></u> KSJC	<u><b>PROCEDURE NAME</b></u> RNAV (RNP) Z RWY 12L	<u><b>ORIGINAL/AMENDMENT</b></u> 2B	<u><b>CITY</b></u> SAN JOSE	<u><b>STATE</b></u> CA		
<u><b>AIRPORT ELEVATION</b></u> 62	<u><b>TDZE</b></u> 44	<u><b>SUPERSEDED</b></u> RNAV (RNP) Z RWY 12L	<u><b>ORIGINAL/AMENDMENT</b></u> 2A	<u><b>DATED</b></u> 07/21/2016	<u><b>MAG VAR</b></u> 13E	<u><b>EPOCH YEAR</b></u> 2020
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 24 MARCH 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
ARTAQ	IAF	OMSEE		TF	FB	1.00	122.50	2.00	1800
OMSEE	IF	HINIR	PFAF	TF	FB	1.00	125.77	2.20	1100
HITIR	IF	ZORSA		TF	FB	1.00	305.77	3.14	3000
ZORSA		NIBUY		RF	FB	1.00	(2.23 NM RADIUS CW (CFBLQ))	4.48	1800
NIBUY		HINIR	PFAF	RF	FB	1.00	(2.22 NM RADIUS CW (CFBLF))	2.51	1100
WADVA	IAF	RERAE		TF	FB	1.00	074.08	4.00	3500
RERAE	IF	NIBUY		TF	FB	1.00	060.91	5.36	1800
HINIR	PFAF	RW12L	MAP	TF	FO	0.30	125.78	3.16	
RW12L	MAP	COKOR		TF	FB	1.00	125.80	7.11	
COKOR		GILRO		TF	FO	1.00	124.43	19.23	4600

**MISSED APPROACH**

**MAP:**  
RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4600 ON TRACK 125.80 TO COKOR AND TRACK 124.43 TO GILRO AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
22  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT HINIR

3. FAC: 125.78

PFAF: HINIR

DIST PFAF TO MAP:

DIST PFAF TO THLD:

4. MIN ALT: HINIR 1100

5. DIST TO THLD FROM PFAF: 3.16

MM:

IM:

150 HAT:

356 HAT: 0.96

GS ANT:

6. MIN GP INCPT: 1100

GP ALT AT PFAF : HINIR 1100

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 57.0

8. MSA FROM: RW12L 5700

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 0°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.  
CHART SPEED ICON IN PLANVIEW AT ZORSA: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT NIBUY: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MINIMUM 4500 AT WADVA  
CHART MANDATORY 4000 AT HITIR.  
HOLD NW, LT, 124.54 INBOUND.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.18 DA	400	1	356	400	1	356	400	1	356	400	1	356			
RNP 0.30 DA	451	1 1/8	407	451	1 1/8	407	451	1 1/8	407	451	1 1/8	407			



**CHANGES - REASONS**

- ADDED PBN REQUIREMENTS NOTE: RNP AR APCH - GPS - 8260.19I.
- REMOVED CHART NOTE: GPS REQUIRED - NO LONGER REQUIRED IAW 8260.19I.
- PROFILE LINE 5: CHANGED 341 HAT: 0.89 TO 356 HAT:0.96 - UPDATED TARGETS EVALUATION.
- PROFILE LINE 7: 34:1 AND 20:1 IS CLEAR ADDED. - NO 34:1 OR 20:1 PENETRATIONS EXIST.
- REMOVED FAHRENHEIT FROM UNCOMPENSATED BARO-VNAV SYSTEMS NOTE - FAHRENHEIT REMOVED IAW 8260.19I.
- RAISED 0.18 DA/HAT FROM 385/341 TO 400/356, LOWERED VISIBILITY FROM 1 1/8 TO 1 - NEW OBSTACLE EVALUATION; 8260.3D CALCULATIONS.
- LOWERED 0.30 VISIBILITY FROM 1 3/8 TO 1 1/8 - 8260.3D CALCULATIONS.
- ADDITIONAL FLIGHT DATA: DELETED "ROUTE TYPE: A, H," "ROUTE TYPE QUALIFIER 1: F" AND "ROUTE TYPE QUALIFIER 2: S." - NO LONGER A DOCUMENTATION REQUIREMENT.
- REMOVED ADDITIONAL FLIGHT DATA: #TCH 94.6 MSL (DO NOT CHART). - NO LONGER REQUIRED.
- REMOVED RF REQUIRED NOTE AT WADVA AND HITIR - NO LONGER REQUIRED.
- REMOVED RADAR REQUIRED NOTE - NO LONGER REQUIRED.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA, NORCAL APP CON, SJC ATCT, AMGR

**FLIGHT CHECKED BY**

GARY J VEER

*Digitally signed by***JASON KRETSCHMER**

Feb 01, 2022

**OFFICE**

FPO

**DATE**

01/28/2022

**DEVELOPED BY**

JASON KRETSCHMER (CHARLES THIBODEAUX)

*Digitally signed by***JASON KRETSCHMER**

Sep 27, 2021

**OFFICE**

AJV-A421

**DATE**

05/26/2021

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Sep 27, 2021

**OFFICE**

AJV-A420

**DATE****TITLE**  
MANAGER