

**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.

AIRPORT ID SNS	PROCEDURE NAME RNAV (GPS) Z RWY 31	ORIGINAL/AMENDMENT 2	CITY SALINAS	STATE CA
AIRPORT ELEVATION 84	TDZE 82	SUPERSEDED RNAV (GPS) Z RWY 31	DATED 05/19/2022	MAG VAR 13E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 16 MAY 2024	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RANCK		EFGON		TF	FB	1.00	198.05	10.13	6000
SISGY	IAF	WABUB		TF	FB	1.00	001.03	9.44	6000
EFGON	IAF	WABUB		TF	FB	1.00	243.38	7.80	6000
WABUB	IF	ACIYO		TF	FB	1.00	302.15	5.00	3700
ACIYO		GIPVY	PFAF	TF	FB	1.00	302.11	3.53	3300
GIPVY	PFAF	RW31	MAP	TF	FO	0.30	314.89	9.95	
RW31	MAP	600 MSL		CA			314.89		600
600 MSL		MARNA		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600, THEN CLIMBING LEFT TURN TO 3000 DIRECT MARNA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WABUB
- FAC: 314.89 FAF: GIPVY DIST FAF TO MAP: 9.95 DIST FAF TO THLD:
- MIN ALT: WABUB 6000, ACIYO 3700, GIPVY 3300
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 220 HAT: 0.53 GS ANT:
- MIN GP INCPT: 3300 GP ALT AT PFAF: GIPVY 3300 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 49.9
- MSA FROM: RW31 6300



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: BARO-VNAV NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RANCK ON V87 EAST BOUND AND T333 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 099.00 INBOUND.
WAAS CHANNEL # 69513
REFERENCE PATH ID: W31A
LTP HAE: -8.7 M

MINIMUMS:

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

ALTERNATE: NA STANDARD; NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LPV DA	302	2400	220	302	2400	220	302	2400	220	302	2400	220			
LNAV/VNAV DA	465	3500	383	465	3500	383	465	3500	383	465	3500	383			

CHANGES - REASONS

1. TERMINAL ROUTES: RAISED WABUB TO ACIYO MINIMUM ALTITUDE FROM 3600 TO 3700 – TO MITIGATE PRECIPITOUS TERRAIN.
2. TERMINAL ROUTES: CHANGED LTP DESIGNATION FROM “DA” TO “RW31” – IAW 8260.19I, 8-6-4 (6) (C).
3. MISSED APPROACH: CHANGED MISSED APPROACH INSTRUCTION FROM “CLIMB TO 600 THEN CLIMBING LEFT TURN TO 4800 DIRECT MARNA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4800” TO CLIMB TO 600, THEN CLIMBING RIGHT TURN TO 3000 DIRECT MARNA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000 – MISSED APPROACH ALTITUDE LOWERED AND HOLD DIRECTION CHANGED TO MAXIMIZE SAFETY AND REDUCE ATC WORKLOAD.
4. PROFILE LINE 4: CHANGED MINIMUM ALTITUDE AT ACIYO FROM 3600 TO 3700 - TO MITIGATE TERRAIN, IAW 8260.19I, 8-6-7 (D).
5. ADDITIONAL FLIGHT DATA: CHANGED HOLD INFORMATION FROM “HOLD E, RT, 276.00 INBOUND” TO “HOLD W, RT, 099.00 INBOUND” – MISSED HOLDING DIRECTION CHANGED TO ENHANCE SAFETY AND REDUCE ATC WORKLOAD.
6. FAS DATA: LTP/FTP LAT/LONG CHANGED FROM 363926.6015N/1213604.4800W TO 363926.6205N/ 1213604.4915W – NEW FAS DATA CALCULATION.
7. FAS DATA: UPDATED FPAP LATITUDE/LONGITUDE FROM 364042.1125N/ 1213703.4675W TO 364042.1300N/1213703.4820W - NEW FAS DATA CALCULATIONS.
8. FAS DATA: CRC REMAINDER CHANGED FROM C0FD3389 TO 4A8A5DC6.



COORDINATED WITH:

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

FLIGHT CHECKED BY

Digitally signed by

ERIC N SUSKI

Apr 01, 2024

OFFICE

FPO

DATE

03/29/2024

TROY E DEVINE

DEVELOPED BY

PARNELL PRASSADA

Digitally signed by

PARNELL R PRASSADA

Jan 20, 2024

OFFICE

AJV-A431

DATE

09/27/2023

APPROVED BY

BEV L BORDY

Digitally signed by

ERIC N SUSKI

Apr 01, 2024

OFFICE

AJV-A430

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KSNS
RW31
0
Z
0
W31A
363926.6205N
1213604.4915W
-00087
364042.1300N
1213703.4820W
00049.9
F
03.00
106.75
1280
40.0
35.0

CRC REMAINDER

4A8A5DC6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K2
+00250
+00250

