

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.

<u>AIRPORT ID</u> O69	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> PETALUMA	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 90	<u>TDZE</u> 86	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>DATED</u> 10/05/2023
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 16E
				<u>EPOCH YEAR</u> 1985
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HABAP		JIVLI		TF	FO	1.00	132.41	10.24	4000
CROIT	IAF	JIVLI	NOPT	TF	FB	1.00	282.40	11.75	2500
REBAS	IAF	JIVLI	NOPT	TF	FB	1.00	337.73	12.57	2500
JIVLI	IF/IAF	ZESEP		TF	FB	1.00	289.61	5.04	2000
ZESEP	FAF	WUDKO/2.91 NM TO RW29		TF	FB	0.30	289.53	2.95	
WUDKO/2.91 NM TO RW29		RW29	MAP	TF	FO	0.30	289.53	2.91	
RW29	MAP	336 MSL		CA			289.53		
336 MSL		XIKIY		DF	FB	1.00			
XIKIY		HIRUV		TF	FO	1.00	215.96	11.67	3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT XIKIY AND ON TRACK 215.96 TO HIRUV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD E JIVLI, RT, 289.61 INBOUND, 2500 IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 289.53

FAF: ZESEP

DIST FAF TO MAP: 5.86

DIST FAF TO THLD: 5.86
4. MIN ALT: JIVLI 2500, ZESEP 2000, WUDKO/2.91 NM TO RW29 1060
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.64

GS ANT:
6. MIN GP INCPT: 2000

GP ALT AT PFAF: ZESEP 2000
7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 54.9

IM:
8. MSA FROM: RW29 5600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 11 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HABAP ON V108 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CROIT ON V195 SOUTHBOUND, V108 SOUTHEAST BOUND AND V150 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT REBAS ON V87 SOUTHBOUND AND V150 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 035.84 INBOUND.
CHART FAS OBST: 376 TRANSMISSION LINE (06-108545) 381426N/1223408W.
CHART 582 TRANSMISSION LINE (06-107445) 381326N/1223300W.
CHART VDP AT 1.62 NM TO RW29.
WAAS CHANNEL # 49124
REFERENCE PATH ID: W29A
LTP HAE: -8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT B 900-2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	336	3/4	250	336	3/4	250		NA			NA				
LNAV/VNAV DA	640	1 5/8	554	640	1 5/8	554		NA			NA				
LNAV MDA	640	1	554	640	1	554		NA			NA				
CIRCLING	820	1	730	940	1 1/4	850		NA			NA				



CHANGES - REASONS

1. CHANGED JIVLI-ZESEP COURSE FROM "289.59" TO "289.61" AND DISTANCE FROM "5.03" TO "5.04" IN TERMINAL ROUTES -- FIX ZESEP RELOCATED.
2. CHANGED ZESEP-WUDKO COURSE FROM "289.54" TO "289.53" AND DISTANCE FROM "2.97" TO "2.95" IN TERMINAL ROUTES -- FIXES ZESEP AND WUDKO RELOCATED.
3. CHANGED ALL INSTANCES OF "WUDKO/2.90 NM TO RW29" TO "WUDKO/2.91 NM TO RW29" -- FIX WUDKO RELOCATED.
4. CHANGED WUDKO-RW29 COURSE FROM "289.51" TO "289.53" AND DISTANCE FROM "2.97" TO "2.91" IN TERMINAL ROUTES -- FIX WUDKO RELOCATED.
5. CHANGED CA LEG ALTITUDE FROM "347" TO "336" AND COURSE FROM "289.51" TO "289.53" IN TERMINAL ROUTES -- LOWER LPV MINIMUMS; FINAL REALIGNMENT.
6. ADDED "TO HIRUV AND HOLD, CLIMB-IN-HOLD TO 3500" IN MISSED APPROACH INSTRUCTIONS -- FPT REQUEST TO ADD HOLDING.
7. CHANGED COURSE FROM "289.59" TO "289.61" AND ADDED "MAX 6000" IN PROFILE LINE 2 -- UPDATED IAW 8260.19K, 8-6-7.B(2).
8. CHANGED FAC FROM "289.54" TO "289.53" AND DISTANCE FAF TO MAP/THLD FROM "5.87" TO "5.86" IN PROFILE LINE 3 -- FIX ZESEP RELOCATED.
9. CHANGED WUDKO STEPDOWN ALTITUDE FROM "1040" TO "1060" IN PROFILE LINE 4 -- NEW CONTROLLING OBSTACLE.
10. MOVED DISTANCE TO THLD TO PROFILE LINE 5 AND UPDATED FROM "270 HATH: 0.67 NM" TO "250 HAT: 0.64 NM" -- LOWER LPV MINIMUMS; UPDATED IAW 8260.19K, 8-6-7.E(3).
11. ADDED "20:1 IS CLEAR" IN PROFILE LINE 7 -- CONFIRMED CLEAR BY TARGETS EVALUATION; UPDATED IAW 8260.19K, 8-6-7.G(3)(A).
12. ADDED "V150 NORTHEAST BOUND" TO ARRIVALS AT CROIT AND "V150 SOUTHWEST BOUND" TO ARRIVALS AT REBAS -- TURNS GREATER THAN 90 DEGREES IAW 8260.58D, 1-2-5.A(3).
13. ADDED "HOLD SW, RT, 035.84 INBOUND" IN ADDITIONAL FLIGHT DATA -- ADD MISSED APPROACH HOLDING AT HIRUV.
14. CHANGED CHART FAS OBST FROM "554 TREE 381408N/1223252W" TO "376 TRANSMISSION_LINE (06-108545) 381426N/1223408W" IN ADDITIONAL FLIGHT DATA -- NEW CONTROLLING OBSTACLE.
15. ADDED "CHART 582 TRANSMISSION_LINE (06-107445) 381326N/1223300W" IN ADDITIONAL DATA -- 7:1 OBSTACLE.
16. CHANGED VDP FROM "2.16 MILES" TO "1.62 NM" IN ADDITIONAL FLIGHT DATA -- LOWER LNAV MINIMUMS; UPDATED IAW 8260.19K, 8-6-11.M(2).
17. CHANGED LTP HAE FROM "-8.1 M" TO "-8 M" IN ADDITIONAL FLIGHT DATA -- RECALCULATED.
18. CHANGED LPV DA/HAT FROM "356/270" TO "336/250" AND VISIBILITY FROM "7/8" TO "3/4" -- FPT REQUEST LOWER MINIMUMS; NEW CONTROLLING OBSTACLE.
19. CHANGED LNAV/VNAV DA/HAT FROM 707/621" TO "640/554" AND VISIBILITY FROM "2 1/2" TO "1 5/8" -- FPT REQUEST LOWER MINIMUMS; NEW CONTROLLING OBSTACLE.
20. CHANGED LNAV MDA/HAT FROM "820/734" TO "640/554" -- FPT REQUEST LOWER MINIMUMS; NEW CONTROLLING OBSTACLE.
21. FAS DATA: CRC REMAINDER CHANGED FROM "A9FBAE0E" TO "6E98A8FE" -- LTP/FTP COORDINATES CHANGED FROM "381517.7200N/1223800.7790W" TO "381517.7305N/1223600.7865W", ELLIPSOIDAL HEIGHT CHANGED FROM "-00081" TO "-00080", FPAF COORDINATES CHANGED FROM "381609.4800N/1223732.9100W" TO "381609.4790N/1223732.9275W", LTP/FPAF ORTHOMETRIC HEIGHT CHANGED FROM "+00234" TO "+00236".

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZOA, O69 ATCT, AMGR

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

CASIMIR L TABAKA

Feb 18, 2026

OFFICE

AJF

DATE

02/17/2026

DEVELOPED BY

CASIMIR L. TABAKA (DANIEL C JOHNSEN)

Digitally signed by

CASIMIR L TABAKA

Feb 18, 2026

OFFICE

AJV-A432

DATE

11/18/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Feb 18, 2026

OFFICE

AJV-A432

DATE

TITLE

MANAGER



AIRPORT ID
O69

PROCEDURE NAME
RNAV (GPS) RWY 29

ORIGINAL/AMENDMENT
1

CITY
PETALUMA

STATE
CA

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	O69
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	381517.7305N
LTP/FTP LONGITUDE	1223600.7865W
LTP/FTP ELLIPSOIDAL HEIGHT	-00080
FPAP LATITUDE	381609.4790N
FPAP LONGITUDE	1223732.9275W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	6E98A8FE
---------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00236
FPAP ORTHOMETRIC HEIGHT	+00236

