

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> KVCV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> VICTORVILLE	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 2885	<u>TDZE</u> 2830	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
BASAL		NANCC		TF	FB	1.00	264.07	16.04	6700
APLES		NANCC		TF	FB	1.00	339.57	14.86	6700
NANCC	IAF	SCCAT		TF	FB	1.00	254.71	10.15	4500
SCCAT	IF	SUZZQ		TF	FB	1.00	165.52	6.01	4300
SUZZQ	FAF	RW17	MAP	TF	FO	0.30	165.52	4.45	
RW17	MAP	3500 MSL		CA			162.52		3500
3500 MSL		RLONG		DF	FB	1.00			
RLONG		ETHER		TF	FO	1.00	293.83	11.64	6000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 THEN CLIMBING RIGHT TURN TO 6000 DIRECT RLONG AND ON TRACK 293.83 TO ETHER AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT SCCAT					
3. FAC:	165.52	FAF: SUZZQ	DIST FAF TO MAP: 4.45	DIST FAF TO THLD: 4.45	
4. MIN ALT:	SCCAT 4500, SUZZQ 4300				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.47	GS ANT:
6. MIN GP INCPT:	4300	GP ALT AT PFAF :	SUZZQ 4300	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR
			TCH:	60.0	
8. MSA FROM:	RW17 11300				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA FOR CATS C AND D SE OF RWY 35-21.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING EDWARDS AFB ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EDWARDS AFB ALTIMETER SETTING: INCREASE LPV DA TO 3183 FEET AND ALL VISIBILITIES TO RVR 5500; INCREASE LNAV/VNAV DA TO 3233 FEET AND ALL VISIBILITIES TO RVR 6000. INCREASE ALL MDAS 160 FEET AND CIRCLING VISIBILITY CAT C 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 249.40 INBOUND.
FAS OBST: 2920 AAO 344018N/1172314W.
CHART BUCKHORN MOA.
CHART R2515.
CHART VDP AT 0.87 NM TO RW17.
WAAS CHANNEL # 77523
REFERENCE PATH ID: W17A
LTP HAE: 828.1 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-3, 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	3030	4000	200	3030	4000	200	3030	4000	200	3030	4000	200			
LNAV/VNAV DA	3080	4000	250	3080	4000	250	3080	4000	250	3080	4000	250			
LNAV MDA	3180	5500	350	3180	5500	350	3180	5500	350	3180	5500	350			
CIRCLING	3380	1	495	3420	1	535	3460	1 1/2	575	3780	3	895			

CHANGES - REASONS

1. DECREASED LPV DA DA/HAT FROM 3075/250 TO 3030/200. - ALL SURFACES CLEAR.
2. DECREASED LNAV/VNAV DA/HAT FROM 3240/415 TO 3080/250; DECREASED VISIBILITY ALL CATS FROM 1 1/2 TO RVR 4000. - ALL SURFACES CLEAR.
3. INCREASED LNAV MDA/HAT FROM 3140/315 TO 3180/350; INCREASED VISIBILITY ALL CATS FROM RVR 5000 TO RVR 5500. - NEW CONTROLLING OBSTACLE.
4. INCREASED CIRC CAT A MDA/HAA FROM 3360/475 TO 3380/495; DECREASED CAT C FROM 3580/695 TO 3460/575, VISIBILITY FROM 2 TO 1 1/2 SM. - NEW CONTROLLING OBSTACLES.
5. UPDATED FEEDER BASAL COURSE/DISTANCE FROM 263.96/18.20 TO 264.07/16.04; ALTITUDE FROM 7200 TO 6700. - IAF NANCC MOVED PER FPT REQUEST; ALTITUDE LOWER PER AT REQUEST.
6. UPDATED FEEDER APLES COURSE/DISTANCE FROM 331.76/15.50 TO 339.57/14.86; ALTITUDE FROM 7200 TO 6700. - IAF NANCC MOVED PER FPT REQUEST; ALTITUDE LOWER PER AT REQUEST/OBSTACLE CONSTRAINTS.
7. UPDATED INITIAL NANCC TO SCCAT COURSE/DISTANCE FROM 255.61/8.00 TO 254.71/10.15; ALTITUDE FROM 5200 TO 4500. - IAF NANCC MOVED/ALTITUDE LOWERED PER FPT REQUEST.
8. UPDATED INTERMEDIATE SCCAT TO SUZZQ DISTANCE FROM 6.14 TO 6.01; FINAL DISTANCE SUZZQ TO RW17 FROM 4.44 TO 4.45. - IF SCCAT AND FAF SUZZQ MOVED PER FPT REQUEST.
9. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 6000 DIRECT SPERG AND VIA 256.59 TRACK TO RLONG AND VIA 293.83 TRACK TO ETHER AND HOLD" TO "CLIMB TO 3500 THEN CLIMBING RIGHT TURN TO 6000 DIRECT RLONG AND TRACK 293.83 TO ETHER AND HOLD." - PER FPT REQUEST.
10. LINE 3: UPDATED DIST FAF TO MAP/THLD FROM 4.44 TO 4.45. - FAF SUZZQ MOVED.
11. LINE 5: ADDED DISTANCE TO THLD FROM 200 HAT: 0.47. REMOVED "DISTANCE TO THLD FROM 225 HAT: 0.64 NM" FROM ADDITIONAL FLIGHT DATA. - DECREASED LPV HAT; FORMS UPDATED.
12. LINE 7: ADDED 20:1 IS CLEAR; UPDATED TCH FROM 54.4 TO 60.0. - NO 20:1 PENETRATIONS PRESENT; TCH UPDATED PER FPT REQUEST.
13. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58B TABLE 1-2-1.
14. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW FROM "-20C (-4F) OR ABOVE 43C (109F)" TO "-20F TO 54C." - UPDATED LOW TEMPERATURE BASED OFF NEW; FAHRENHEIT REMOVED IAW 8260.19I.
15. UPDATED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH TO CURRENT FORMAT. - IAW 8260.19I 8-6-9 M(1).
16. UPDATED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EDWARDS AFB ALTIMETER SETTING FROM "AND INCREASE ALL DA AND MDA 160 FEET. INCREASE ALL VISIBILITIES 3/4 MILE." TO "INCREASE LPV DA TO 3183 FEET AND ALL VISIBILITIES TO RVR 5500; INCREASE LNAV/VNAV DA TO 3233 FEET AND ALL VISIBILITIES TO RVR 6000. INCREASE ALL MDAS 160 FEET AND CIRCLING VISIBILITY CAT C 1/2 SM." - NEW EVALUATION COMPLETED.
17. UPDATED CHART FAS OBST FROM "2945 STACK 343757N/1172217W" TO "2920 AAO 344018N/1172314W." REMOVED CHART FAS OBST: 2829 BUSH 343723N/1172305W. - NEW LNAV CONTROLLING OBSTALCE; LNAV/VNAV OBSTACLE NOT REQUIRED TO BE CHARTED.
18. UPDATED ADDITIONAL FLIGHT DATA: FROM CHART VDP AT 0.79 NM TO 0.87 RWY 17. - FAF SUZZQ MOVED; UPDATED EVALUATION.
19. FAS DATA: UPDATED LTP/FTP LATITUDE/LONGITUDE FROM 343717.9480N/1172310.9200W TO 343658.1845N/1172312.2310W; LTP/FTP ELLIPSOIDAL HEIGHT FROM +08263 TO +08281. - RUNWAY LENGTH REDUCED; NEW SURVEY COMPLETED 05/24/2022.
20. FAS DATA: FPAP LATITUDE/LONGITUDE UPDATED FROM 343448.5700N/1172310.9200W TO 343449.0870N/1172310.9230W. - RUNWAY LENGTH REDUCED; NEW SURVEY COMPLETED 05/24/2022.
21. FAS DATA: UPDATED LENGTH OFFSET FROM 0016 TO 0000. - RUNWAY LENGTH REDUCED.
22. FAS DATA: UPDATED VERTICAL ALERT LIMIT (VAL) FROM 50.0 TO 35.0. - LPV HAT REDUCED FROM 250 TO 200.
23. FAS DATA: UPDATED COURSE WIDTH AT THRESHOLD FROM 128.50 TO 112.25. - LTP/FTP LAT/LONG UPDATED; NEW SURVEY COMPLETED 05/24/2022.
24. FAS DATA: UPDATED CRC REMAINDER FROM 932DA704 TO 0F0A82DC. - UPDATED LTP/FTP & FPAP LATITUDE/LONGITUDE, LTP/FTP ELLIPSOIDAL HEIGHT, COURSE WIDTH AT THRESHOLD, LENGTH OFFSET, AND VAL.



AIRPORT ID
KVCV

PROCEDURE NAME
RNAV (GPS) RWY 17

ORIGINAL/AMENDMENT
1

CITY
VICTORVILLE

STATE
CA

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: JOSHUA APP CON, ZLA, VCV AMGR

FLIGHT CHECKED BY

MOLOKIE, THOMAS EDWARD

Digitally signed by

CASIMIR L TABAKA

Dec 14, 2023

OFFICE

FIOG

DATE

10/13/2023

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

Aug 17, 2023

OFFICE

AJV-A432

DATE

07/21/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

Aug 17, 2023

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVCV
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	343658.1845N
LTP/FTP LONGITUDE	1172312.2310W
LTP/FTP ELLIPSOIDAL HEIGHT	+08281
FPAP LATITUDE	343449.0870N
FPAP LONGITUDE	1172310.9230W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	112.25
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	0F0A82DC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+08600
FPAP ORTHOMETRIC HEIGHT	+08600

