

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</u> NAPA COUNTY	<u>AIRPORT ID</u> KAPC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> NAPA	<u>STATE</u> CA	
<u>AIRPORT ELEVATION</u> 36	<u>TDZE</u> 21	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 11/25/2004	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> 10/10/2019	<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>
SAU VOR/DME	IAF	SIBME		TF	FB	1.00	343.47	7.76	3800
SIBME		WHTLE		TF	FB	1.00	343.46	10.00	2800
PYE VOR/DME	IAF	WHTLE		TF	FB	1.00	059.72	16.44	2800
STS VOR/DME	IAF	WHTLE		TF	FB	1.00	133.38	25.08	2800
WHTLE	IF	CEBAN		TF	FB	1.00	056.53	6.91	1700
CEBAN	FAF	ZAPIX	MAP	TF	FO	0.30	061.67	4.28	
ZAPIX	MAP	436 MSL		CA	FO		061.67		
436 MSL		HABAP		DF	FO	1.00			4100

MISSED APPROACH

MAP:

LNAV: ZAPIX

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 4100 DIRECT HABAP AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4100

**MISSED APPROACH REQUIRES MINIMUM CLIMB OF 355 FEET PER NM TO 2300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT WHTLE

3. FAC: 061.67

FAF: CEBAN

DIST FAF TO MAP: 4.28

DIST FAF TO THLD: 5.14

4. MIN ALT: WHTLE 2800, CEBAN 1700

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS NOT CLEAR

TCH:

8. MSA FROM: ZAPIX 5000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAU VOR/DME ON V150 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PYE VOR/DME AIRWAY RADIALS 335 CW 144.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON STS VOR/DME AIRWAY RADIALS 077 CW 170.
CHART NOTE: CIRCLING CATS A/B/C NA NE OF RWYS 19R AND 24. CIRCLING CAT D NA E OF RWY 19L-1R.
CHART NOTE: STRAIGHT-IN RWY 6 NA AT NIGHT, CIRCLING RWY 6 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CEBAN TO RW06: 3.00/50.
FAS OBST: 205 AAO 381215N/1222130W.
HOLD E, RT, 280.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 1000-1 1/4, CAT C, D 1300-3, 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
LNAV MDA**	480	1	459	480	1	459	480	1 3/8	459	480	1 3/8	459			
LNAV MDA	940	1 1/4	919	940	1 1/4	919	940	2 1/2	919	940	2 1/2	919			
CIRCLING	940	1 1/4	904	940	1 1/4	904	1280	3	1244	1300	3	1264			



CHANGES - REASONS

- 1. CHANGED FAC FROM 061.68 TO 061.67. - NEW TARGETS FAC CALCULATION.
- 2. CHANGED MISSED APPROACH HOLDING ALTITUDE FROM 3800 TO 4100. - PRECIPITOUS TERRAIN ADJUSTMENT.
- 3. ADDED CLIMB-IN-HOLD TO MISSED. - ACCOUNT FOR HIGHER MISSED APPROACH ALTITUDE.
- 4. ADDED LNAV MDA WITH MISSED APPROACH 355 FEET PER NM TO 2300 CLIMB GRADIENT. _ ATC REQUEST TO ACHIEVE LOWER MINIMUMS IN LIGHT OF MISSED APPROACH PENETRATIONS.
- 5. DELETED VDP. - 20:1 SURFACE PENETRATIONS.
- 6. ADDED CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - 20:1 PENETRATIONS.
- 7. CHANGED CIRCLING RESTRICTION NOTE FROM: CIRCLING NA NORTHEAST OF RWYS 18R AND 24 TO: CIRCLING CATS A/B/C NA NE OF RWYS 19R AND 24. CIRCLING CAT D NA E OF RWY 19L-1R. - ATC REQUEST AND RWY 18R RENUMBERING.
- 8. ADDED CHART NOTE: STRAIGHT-IN RWY 6 NA AT NIGHT, CIRCLING RWY 6 NA AT NIGHT. - 20:1 PENETRATIONS.
- 9. RAISED LNAV MDA FROM 660/HAT 641 TO 940/HAT 919 AND VISIBILITIES CATS A/B FROM 1 TO 1 1/4, CAT C FROM 1 3/4 TO 2 1/2 AND CAT D FROM 2 TO 2 1/2. - MISSED APPROACH PENETRATIONS AND 8260.3 CHAPTER 3 VISI CRITERIA.
- 10. EXPANDED CIRCLING AREA AND RAISED MINIMUMS FROM CAT A, 660/627 -1, CAT B, 660/627 - 1, CAT C, 720/687-2, AND CAT D, 1240/1207 - 3 TO CAT A, 940/904 - 1 1/4, CAT B, 940/904-1 1/4, CAT C, 1280/1244-3 AND CAT D, 1300/1264 -3. - FAAO 8260.3D NEW CIRCLING CRITERIA AND HIGHER S/I MINIMUMS.
- 11. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA. - FAAO 8260.3D NEW CIRCLING CRITERIA.
- 12. CHANGED FAS OBST IN ADDITIONAL FLIGHT DATA FROM 167 BRIDGE 381232N/1221824W TO 205 AAO 381215N/1222130W. - NEW MAP STUDY.
- 13. CHANGED CEBAN TO RW06 FROM 3.05/55 TO 3.00/50. - MOVED CEBAN (FAF) 498 FT WEST TO CHANGE TO OPTIMUM DESCENT ANGLE OF 3.00 DEGREES.
- 14. ADDED BACKUP ALTIMETER DATA TO 8260-9 REMARKS. - FOR CONTINGENCY PURPOSES.
- 15. ADDED PBN EQUIPMENT REQUIREMENT NOTE: RNP APCH. - FAAO 8260.19H PARAGRAPH 8-6-8 B(1).
- 16. DELETED ARM APPROACH MODE PRIOR TO IAF NOTE. - NO LONGER REQUIRED.
- 17. DELETED DME/DME RNP-0.3 NA NOTE. -NO LONGER REQUIRED.
- 18. DELETED GPS OR RNP-0.3 REQUIRED NOTE. - NOT REQUIRED.
- 19. UPDATED MSA FROM 5100 TO 5000. - NEW CONTROLLING OBSTACLE.
- 20. UPDATED PLANVIEW PROCEDURE NA FOR ARRIVAL ON SAU VOR/DME FROM: AIRWAY RADIALS 281 CW 042. TO: AT SAU VOR/DME ON V150 SOUTHWEST BOUND. - FAAO 8260.19H.
- 21. UPDATED NA FOR ARRIVAL ON PYE VOR/DME AIRWAY RADIALS FROM 358 CW 118 TO 335 CW 144 AND ON STS VOR/DME FROM 073 CW 193 TO 077 CW 170. - FAAO 8260.19H.
- 22. CHANGED DIST FAF TO MAP FROM 4.20 TO 4.28 AND FAF TO THLD FROM 5.05 TO 5.14. - NEW FAF LOCATION.
- 23. ADDED ALTERNATE WEATHER MINIMUMS. - FAAO8260.19H.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZOA, SIERRA APCH, APC ATCT, AMGR, ATA

<u>FLIGHT CHECKED BY</u>	<i>Digitally signed by</i> DONALD H LANIER Aug 06, 2019	<u>OFFICE</u> FICO	<u>DATE</u>	
<u>DEVELOPED BY</u> LIAM DONAHUE	<i>Digitally signed by</i> LIAM DONAHUE	<u>OFFICE</u> AJV-A431	<u>DATE</u> 04/05/2019	
<u>APPROVED BY</u> LONNIE EVERHART	Jun 06, 2019 <i>Digitally signed by</i> DONALD H LANIER Aug 06, 2019	<u>OFFICE</u> AJV-A430	<u>DATE</u>	<u>TITLE</u> MANAGER

