

**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> APC	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 1L	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> NAPA	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 36	<u>TDZE</u> 17	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 1L	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 15E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2005
				<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>
HABAP		PEBGE		TF	FB	1.00	140.21	9.53	4000
PEBGE		FESAV		TF	FO	1.00	140.26	8.00	2600
SABLO		FESAV		TF	FO	1.00	270.88	8.41	2900
MICRA	IAF	ZIRUP	NOPT	TF	FB	1.00	056.54	6.63	4100
ZIRUP		FESAV		TF	FB	1.00	056.58	7.00	2600
SAU VOR/DME	IAF	WEGNA	NOPT	TF	FB	1.00	019.65	6.67	3200
WEGNA		FESAV		TF	FB	1.00	019.68	6.00	2600
FESAV	IF/IAF	CIKPI		TF	FB	1.00	005.69	6.01	1800
CIKPI	FAF	RW01L	MAP	TF	FO	0.30	005.71	5.45	
RW01L	MAP	436 MSL		CA			005.71		
436 MSL		CIVDA		DF	FB	1.00			
CIVDA		POPES		TF	FO	1.00	326.19	13.45	5000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW01L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT CIVDA AND ON TRACK 326.19 TO POPES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD S FESAV, RT, 005.69 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 5000.
3. **FAC:** 005.71 **FAF:** CIKPI **DIST FAF TO MAP:** 5.45 **DIST FAF TO THLD:** 5.45
4. **MIN ALT:** FESAV 2600, CIKPI 1800
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **1034 HAT:** 3.10 **GS ANT:**
6. **MIN GP INCPT:** 1800 **GP ALT AT PFAF:** CIKPI 1800 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 50.0
8. **MSA FROM:** RW01L 5000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2°C OR ABOVE 54°C.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS, LNAV CATS A/C/D.
 CHART NOTE: CIRCLING CATS A/B/C NA NORTHEAST OF RWYS 19R AND 24.
 CHART NOTE: CIRCLING CAT D NA EAST OF RWYS 19L AND 1R.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HABAP ON V108 NORTHWEST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SABLO ON V195 SOUTHBOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MICRA ON V107-301 WESTBOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAU VOR/DME ON V150 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 330.39 INBOUND.
 CHART FAS OBST: 295 TRANSMISSION_LINE (06-000492) 380916N/1221752W.
 CHART VDP AT 3.96 NM TO RW01L.
 WAAS CHANNEL # 56613
 REFERENCE PATH ID: W01A
 LTP HAE: -27.4 M

MINIMUMS:

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

ALTERNATE: NA CAT A, B, C, D 1400-5, 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	1252	5	1235	1252	5	1235	1252	5	1235	1252	5	1235			
LNAV/VNAV DA	1051	4	1034	1051	4	1034	1051	4	1034	1051	4	1034			
LNAV MDA	1340	1 1/4	1323	1340	1 1/4	1323	1340	3	1323	1340	3	1323			
CIRCLING	1340	1 1/4	1304	1340	1 1/2	1304	1340	3	1304	1340	3	1304			



CHANGES - REASONS

1. PROFILE LINE 2: CHANGED FROM "2. HOLD S FESAV, RT, 005.69 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 5000." TO "2. HOLD S FESAV, RT, 005.69 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 5000." - IAW 8260.19K 8-6-7(B)
2. PROFILE LINE 5: CHANGED FROM "1235 HAT: 3.69" TO "1034 HAT: 3.10" - UPDATED TARGETS CALCULATED LOCATION
3. PROFILE LINE 6: CHANGED FROM "GP ALT AT FAF: CIKPI 1800" TO "GP ALT AT PFAF: CIKPI 1800" - IAW 8260.19K 8-6-7(F)
4. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19K 8-6-8
5. NOTES: CHANGED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4°C OR ABOVE 54°C." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2°C OR ABOVE 54°C." - NEW HISTORICAL WEATHER DATA
6. NOTES: CHANGED INOP TABLE NOTE FROM "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS, AND LNAV CATS C/D." TO "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS, LNAV CATS A/C/D." - LNAV CAT A INCLUDED NOW IAW 8260.3(3-1-2(C2D))
7. NOTES: REMOVED NOTE "CIRCLING RWY 6 NA AT NIGHT" - NO PENETRATING OBSTACLES
8. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED
9. ADDITIONAL FLIGHT DATA: CHANGED NOTE FROM "CHART VDP AT 3.72 NM TO RW01L*" TO "CHART VDP AT 3.96 NM TO RW01L" - UPDATED TARGETS CALCULATED LOCATION
10. ADDITIONAL FLIGHT DATA: REMOVED "**LNAV ONLY" - NO LONGER REQUIRED
11. ALTERNATE MINIMUMS: CHANGED FROM "CAT A, B, C, D 1300-5, NA WHEN LOCAL WEATHER NOT AVAILABLE." TO "CAT A, B, C, D 1400-5, NA WHEN LOCAL WEATHER NOT AVAILABLE." - MINIMUMS INCREASED
12. MINIMUMS: INCREASED LNAV MINIMUMS FROM "(A)1260 1 1243 (B)1260 1 1/4 1243 (C)1260 3 1243 (D)1260 3 1243" TO "(A)1340 1 1/4 1323 (B)1340 1 1/4 1323 (C)1340 3 1323 (D)1340 3 1323" - NEW CONTROLLING OBSTACLES
13. MINIMUMS: INCREASED CIRCLING MINIMUMS FROM "(A)1260 1 1/4 1224 (B)1260 1 1/2 1224 (C)1280 3 1244 (D)1300 3 1264" TO "(A)1340 1 1/4 1304 (B)1340 1 1/2 1304 (C)1340 3 1304 (D)1340 3 1304" - STRAIGHT IN INCREASE FROM THE LNAV MINIMUMS
14. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM "48D11642" TO "80BB1289" - FPAP COORDINATES CHANGED FROM "381352.1310N/1221626.9360W" TO "381352.1320N/1221626.9380W"

COORDINATED WITH:

A4A
ALPA
AOPA
APA
HAI
NBAA
OTHER: ZOA, NORCAL TRACON, APC ATCT, ATA, AMGR

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

ROBERT G HAMILTON

Feb 18, 2026

OFFICE

AJF

DATE

02/17/2026

DEVELOPED BY

DEVON KERCHER

Digitally signed by

ROBERT G HAMILTON

Feb 18, 2026

OFFICE

AJV-A431

DATE

10/27/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Feb 18, 2026

OFFICE

AJV-A431

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAPC
RUNWAY	RW01L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	381228.7175N
LTP/FTP LONGITUDE	1221706.9790W
LTP/FTP ELLIPSOIDAL HEIGHT	-00274
FPAP LATITUDE	381352.1320N
FPAP LONGITUDE	1221626.9380W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0944
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 80BB1289

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00044
FPAP ORTHOMETRIC HEIGHT	+00044



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> APC	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 1L	<u>AMDT NO.</u> 4	<u>CITY</u> NAPA	<u>STATE</u> CA	<u>AIRPORT ELEVATION</u> 36	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> HABAP	<u>TO</u> PEBGE
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<u>RNP</u> 1.00	<u>DISTANCE</u> 9.53	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	381754.00N/1223324.00W	1966	215	8	4B	2000					4000
TERRAIN	381712.00N/1223251.00W	1407 (1400)								AS1500	2900

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FEEDER: STEPDOWN

<u>FROM</u> PEBGE	<u>TO</u> FESAV
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<u>RNP</u> 1.00	<u>DISTANCE</u> 8.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	380918.00N/1222739.00W	770	215	8	4B	1700				AT130	2600
TERRAIN	380851.00N/1222657.00W	150 (200)								AS1500	1700

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



AIRPORT ID
APC

PROCEDURE NAME
RNAV (GPS) Y RWY 1L

AMDT NO.
4

CITY
NAPA

STATE
CA

AIRPORT ELEVATION
36

FACILITY
RNAV

FEEDER

FROM SABLO **TO** FESAV

RNP 1.00 DISTANCE 8.41 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	375857.00N/1221224.00W	1147	215	8	4B	1700					2900
TERRAIN	375857.00N/1221224.00W	1046 (1000)								AS1500	2500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM MICRA **TO** ZIRUP

RNP 1.00 DISTANCE 6.63 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	375600.00N/1223606.00W	2097	215	8	4B	1000				PR180 AT823	4100
TERRAIN	375600.00N/1223606.00W	1896 (1900)								AS1500	3400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
APC

PROCEDURE NAME
RNAV (GPS) Y RWY 1L

AMDT NO.
4

CITY
NAPA

STATE
CA

AIRPORT ELEVATION
36

FACILITY
RNAV

INITIAL: STEPDOWN

FROM
ZIRUP **TO**
FESAV

RNP 1.00 **DISTANCE** 7.00 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	375936.00N/1223006.00W	1263	215	8	4B	1000					2300
TERRAIN	375936.00N/1223006.00W	1062 (1100)								AS1500	2600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INITIAL
FROM
SAU VOR/DME **TO**
WEGNA

RNP 1.00 **DISTANCE** 6.67 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	375103.00N/1222957.00W	1316	215	8	4B	1000				AT884	3200
TERRAIN	375103.00N/1222957.00W	1115 (1100)								AS1500	2600

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
APC

PROCEDURE NAME
RNAV (GPS) Y RWY 1L

AMDT NO.
4

CITY
NAPA

STATE
CA

AIRPORT ELEVATION
36

FACILITY
RNAV

INITIAL: STEPDOWN

FROM WEGNA **TO** FESAV

RNP 1.00 **DISTANCE** 6.00 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	375633.00N/1222409.00W	680	215	8	4B	1000				AT920	2600
TERRAIN	375633.00N/1222409.00W	479 (500)								AS1500	2000

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INTERMEDIATE

FROM FESAV (IF/IAF) **TO** CIKPI

RNP 1.00 **DISTANCE** 6.01 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	375957.00N/1222148.00W	319	215	8	4B	500				AT981	1800
TERRAIN	380739.00N/1222057.00W	6 (0)								AS1500	1500

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
APC

PROCEDURE NAME
RNAV (GPS) Y RWY 1L

AMDT NO.
4

CITY
NAPA

STATE
CA

AIRPORT ELEVATION
36

FACILITY
RNAV

FINAL: LPV

FROM CIKPI **TO** RW01L

RNP 0.30 **DISTANCE** 5.45 **PAT** **MAP** DA **HAT** 1235 **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC			MA976 XP76	1252

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP - RETAIN CURRENT MINIMUMS

FINAL: LNAV/VNAV

FROM CIKPI **TO** RW01L

RNP 0.30 **DISTANCE** 5.45 **PAT** **MAP** DA **HAT** 1034 **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	381157.00N/1221642.00W	143	215	8	4B	161				AC8 MA722	1051

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
APC

PROCEDURE NAME
RNAV (GPS) Y RWY 1L

AMDT NO.
4

CITY
NAPA

STATE
CA

AIRPORT ELEVATION
36

FACILITY
RNAV

FINAL: LNAV

FROM
CIKPI

TO
RW01L

RNP
0.30

DISTANCE
5.45

PAT

MAP
RW01L

HAT
1323

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRANSMISSION_LINE (06-000492)	380915.51N/1221751.89W	295	20	3	1A	250				MA795	1340

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM
FESAV

TO
P-5

RNP

DISTANCE

PAT
P-5

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	375654.00N/1221715.00W	1250	215	8	4B	1000					2300
TERRAIN	375654.00N/1221715.00W	1049 (1000)								AS1500	2500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
APC

PROCEDURE NAME
RNAV (GPS) Y RWY 1L

AMDT NO.
4

CITY
NAPA

STATE
CA

AIRPORT ELEVATION
36

FACILITY
RNAV

MISSED APPROACH: LPV

FROM
DA **TO**
POPES

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
635

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	381548.00N/1221318.00W	1867	215	8	4B		ASC				5000
AAO	382712.00N/1221603.00W	2842	215	8	4B	1000				SA-437 PR170	3600
TERRAIN	382824.00N/1221821.00W	2178 (2200)								AS1500	3700

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM
DA **TO**
POPES

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
890

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	381548.00N/1221318.00W	1867	215	8	4B		ASC				5000
AAO	382712.00N/1221603.00W	2842	215	8	4B	1000				SA-437 PR170	3600
TERRAIN	382824.00N/1221821.00W	2178 (2200)								AS1500	3700

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
APC

PROCEDURE NAME
RNAV (GPS) Y RWY 1L

AMDT NO.
4

CITY
NAPA

STATE
CA

AIRPORT ELEVATION
36

FACILITY
RNAV

MISSED APPROACH: LNAV

FROM
RW01L **TO**
POPES

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
1240

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	381548.00N/1221318.00W	1834	215	8	4B		ASC				5000
AAO	382712.00N/1221603.00W	2842	215	8	4B	1000				SA-437 PR170	3600
TERRAIN	382824.00N/1221821.00W	2178 (2200)								AS1500	3700

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TERRAIN (06-040742)	381229.72N/1221458.20W	1.30	1304	283	50	20	2C	300		SI	1340
CATEGORY B											
TERRAIN (06-161362)	381146.55N/1221416.46W	1.82	1304	387	20	10	1B	300		SI	1340
CATEGORY C											
TERRAIN (06-057297)	381121.60N/1221333.08W	2.85	1304	870	20	10	1B	300		SI	1340
CATEGORY D											
TREE (06-162204)	381554.32N/1221436.44W	3.73	1304	871	20	3	1A	300		SI	1340

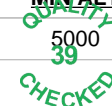
CIRCLING REMARKS:

MSA

CENTER
RW01L **RADIUS**
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (06-000583)	375254.00N/1215454.00W	123	26.3	3902	20	50	1D	1000			5000

MSA REMARKS:



AIRPORT ID
APC

PROCEDURE NAME
RNAV (GPS) Y RWY 1L

AMDT NO.
4

CITY
NAPA

STATE
CA

AIRPORT ELEVATION
36

FACILITY
RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

NORCAL APP CON, APC TOWER

WX SERVICE
ASOS

LOCATION
APC

HRS OPERATION
24

ALTIMETER SOURCE
APC

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE
ASOS

LOCATION
CCR

HRS OPERATION
24

ALTIMETER SOURCE
CCR

DISTANCE
17.12

WMSCR
Y

ADJUSTMENTS
42

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
APC 36, CCR 23
RA = 41.2

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW01R	BSC-G	
RW19L	BSC-G	
RW06 - REIL (PCL), MIRL (PCL)	NPI-G	
RW19R - MIRL (PCL), PAPI-4L	NPI-G	
RW24 - MIRL (PCL)	NPI-G	
RW01L - MALS (PCL), MIRL (PCL)	PIR-G	

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
14.5

TCH
50.0

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW
-2C

CRITICAL HIGH
+54C

ACT
-2C

APT ISA
+14.93C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2020-2024).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:



AIRPORT ID
APC

PROCEDURE NAME
RNAV (GPS) Y RWY 1L

AMDT NO.
4

CITY
NAPA

STATE
CA

AIRPORT ELEVATION
36

FACILITY
RNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100' VEGETATION USED PER FPT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	3.25
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	1.20
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	020.71
DISTANCE FROM	THLD	TO 1500FT POINT	100
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	5.05
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	1.76
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	020.71
			100

THRESHOLD COORDINATES (IF STR-IN)

381228.72N/1221706.98W

ARP COORDINATES

381247.48N/1221650.47W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 19R DISTANCE 0.61 NM

FAF COORDINATES

380722.56N/1221933.71W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME

DEVON KERCHER

OFFICE

AJV-A431

DATE

10/27/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

