

RADIO FIX AND HOLDING DATA RECORD

NAME: ARRFF

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 383200.00N/1221500.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

JOSEPH L ZEDER

Jul 24, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: BAAHH

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 382100.52N/1221820.36W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

Digitally signed by

SIGNATURE: **JOSEPH L ZEDER**

Jul 24, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BARKZ

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 382900.00N/1222800.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
JOSEPH L ZEDER

Jul 24, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: BESSA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 383519.09N/1220848.24W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	WILLIAMS	ILA	VORTAC	L	173.00	191.00	29.46	29.46		5300	17500
2	SACRAMENTO	SAC	VORTAC	VH	270.41	287.41	29.34	29.34		5300	17500

FIX RESTRICTIONS:

MCA V195 8500 SOUTHBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

WILLIAMS (FAC 1) AND SACRAMENTO (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	HEXAN (RNAV)			CN40	WOODLAND	CA (US)
SPECIAL IAP	COPTER RNAV (GPS) 03			CN40	WOODLAND	CA (US)
DP	BESSA (RNAV)			KSUU	FAIRFIELD	CA (US)
EN ROUTE	V195	1, 2				(US)
IAP	RNAV (GPS) RWY 19R			KAPC	NAPA	CA (US)
IAP	RNAV (GPS) RWY 20			KVCB	VACAVILLE	CA (US)

REQUIRED CHARTING: MILITARY DP, IAP, EN ROUTE LOW, SPECIAL IAP, SPECIAL DP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

CHANGED FIX MAKE-UP FAC 2 CLASS FROM H TO VH
ADDED REQUIRED CHARTING MILITARY DP
ADDED FIX USE KAPC RNAV (GPS) RWY 19R
ADDED FIX USE KSUU BESSA (RNAV) DEPARTURE PROCEDURE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
JOSEPH L ZEDER

Jul 24, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BURDE STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 380619.44N/1223535.03W TYPE: WP, INT, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	SANTA ROSA	I-STS	LOC		141.19	157.19		26.98	3000	10000
2	SCAGGS ISLAND	SGD	VORTAC	VL	230.00	247.00	11.31	11.31	3000	17500
3	SAUSALITO	SAU	VOR/DME	VL	330.47	347.47	15.35	15.35	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-STS	LOC	R-141	27	3000	10000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	SAU	VOR/DME	330.47	330.47	R	1		5000	14000	6	11
2	NE	SGD	VORTAC	230.00	230.00	R	1		3200	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	375545.00N/1223436.00W	2760	4E
2	200	AAO	380336.00N/1223621.00W	2087	4E
2	310	AAO	381824.00N/1223345.00W	2155	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	ILS OR LOC Z RWY 1L	KAPC	NAPA	CA (US)

REMARKS:

SANTA ROSA (FAC 1) AND SCAGGS ISLAND (FAC 2) USED TO ESTABLISH FIX COORDINATES.
HOLDING PATTERNS PER ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 1L	2, 3	2	KAPC	NAPA	CA (US)
IAP	RNAV (GPS) RWY 19R			KAPC	NAPA	CA (US)
IAP	VOR RWY 6	2, 3		KAPC	NAPA	CA (US)
IAP	ILS OR LOC RWY 32	1, 2, 3		KSTS	SANTA ROSA	CA (US)
STAR	VNYRD (RNAV)			KHES	HEALDSBURG	CA (US)
STAR	VNYRD (RNAV)			KAPC	NAPA	CA (US)
STAR	VNYRD (RNAV)			KDVO	NOVATO	CA (US)
STAR	VNYRD (RNAV)			O69	PETALUMA	CA (US)
STAR	VNYRD (RNAV)			KSTS	SANTA ROSA	CA (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

ADDED FIX USE KAPC RNAV (GPS) RWY 19R

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: JON NEIDIGH

APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A432 NAME: CASIMIR TABAKA

Digitally signed by
SIGNATURE: JOSEPH L ZEDER

Jul 24, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: CUKOO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 381351.27N/1221627.35W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
JOSEPH L ZEDER

Jul 24, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: FESAV

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 380144.85N/1222215.16W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	NAPA	I-APC	LOC/DME		185.74	200.74	12.53	12.52	2600	4500
2	SCAGGS ISLAND	SGD	VORTAC	VL	162.31	179.31		9.00	2600	4500
3	CONCORD	CCR	VOR/DME	T	249.59	266.59		15.47	2600	4500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S		WP	185.69	005.69	R		4	2600	5000	5	6
2	S	I-APC	LOC/DME	185.74	005.74	R	1		2600	4500	5	6
3	NW		WP	315.00	135.00	R		4	3000	5000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	375654.00N/1221721.00W	1257	4E
2	200	AAO	375654.00N/1221721.00W	1257	4E
3	200	AAO	380918.00N/1222739.00W	870	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

NAPA (FAC 1) AND CONCORD (FAC 3) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 1L	1, 2, 3	2	KAPC	NAPA	CA (US)
IAP	RNAV (GPS) RWY 19R		3	KAPC	NAPA	CA (US)
IAP	RNAV (GPS) Y RWY 1L		1	KAPC	NAPA	CA (US)
IAP	RNAV (GPS) Z RWY 1L		1	KAPC	NAPA	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

CHANGED FIX MAKE-UP FAC 2 CLASS FROM L TO VL.
ADDED HOLDING PAT 3
REMOVED I-APC DME ANTENNA REMARK
ADDED FIX USE KAPC RNAV (GPS) RWY 19R

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
JOSEPH L ZEDER

Jul 24, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HEHAW

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 381800.00N/1223300.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

Digitally signed by

SIGNATURE: **JOSEPH L ZEDER**

Jul 24, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: NAAYY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 381815.46N/1221622.96W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
JOSEPH L ZEDER
Jul 24, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OIINK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 382356.02N/1222025.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*

JOSEPH L ZEDER

Jul 24, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: POPES

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 382909.41N/1222045.16W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	SACRAMENTO	SAC	VORTAC	VH	257.11	274.11	37.51	37.51		7000	17500
2	SCAGGS ISLAND	SGD	VORTAC	VL	347.00	004.00		18.42		5000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE		WP	150.39	330.39	R		5	5000	6000	6	14
2	N		WP	349.00	169.00	R		5	5000	6000	6	14
3	N	SGD	VORTAC	347.00	167.00	R	1		7000	7000	10	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	382716.00N/1221544.10W	2863	6C
1	310	AAO	382425.70N/1220629.00W	3019	6C
2	200	AAO	382709.00N/1221603.00W	2700	4E
2	310	AAO	383949.21N/1221125.03W	3262	1A
3	230	AAO	383648.00N/1222951.00W	3252	4E
3	310	AAO	384009.00N/1223800.00W	4544	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	240
1	310	210
2	310	260
2	200	230
3	230	230
3	310	260

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)
PAT 3 CHART 230K ICON

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) Z RWY 1L	KAPC	NAPA	CA (US)
1	RNAV (GPS) Y RWY 1L	KAPC	NAPA	CA (US)
2	RNAV (GPS) RWY 6	KAPC	NAPA	CA (US)
3	VOR RWY 6	KAPC	NAPA	CA (US)

REMARKS:

SACRAMENTO (FAC 1) AND SCAGGS ISLAND (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T263					(US)
EN ROUTE	T329					(US)
EN ROUTE	V494	1, 2				(US)
IAP	RNAV (GPS) RWY 19R			KAPC	NAPA	CA (US)
IAP	RNAV (GPS) RWY 6		2	KAPC	NAPA	CA (US)
IAP	RNAV (GPS) Y RWY 1L		1	KAPC	NAPA	CA (US)
IAP	RNAV (GPS) Z RWY 1L		1	KAPC	NAPA	CA (US)
IAP	VOR RWY 6	1, 2	3	KAPC	NAPA	CA (US)
STAR	POINT REYES	1, 2		KNUQ	MOUNTAIN VIEW	CA (US)
STAR	POINT REYES	1, 2		KPAO	PALO ALTO	CA (US)
STAR	POINT REYES	1, 2		KSQL	SAN CARLOS	CA (US)
STAR	POINT REYES	1, 2		KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES	1, 2		KRHV	SAN JOSE	CA (US)
STAR	POINT REYES	1, 2		KSJC	SAN JOSE	CA (US)

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

QUALITY
10
CHECKED

CHANGED FIX MAKE-UP FAC 1 CLASS FROM H TO VH
CHANGED FIX MAKE-UP FAC 2 CLASS FROM L TO VL
ADDED FIX USE KAPC RNAV (GPS) RWY 19R

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: JON NEIDIGH
APPROVED BY:	DATE: 09/05/2024	OFFICE: AJV-A432	NAME: CASIMIR TABAKA
SIGNATURE: <i>Digitally signed by</i> JOSEPH L ZEDER Jul 24, 2024			



RADIO FIX AND HOLDING DATA RECORD

NAME: REBAS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 375626.46N/1222301.20W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	SAUSALITO	SAU	VOR/DME	VL	035.20	052.20	8.35	8.35	3000	17500
2	SCAGGS ISLAND	SGD	VORTAC	VL	165.00	182.00	14.31	14.31	4000	17500
3	SAN FRANCISCO	SFO	VOR/DME	VL	341.62	358.62	19.26	19.26	4000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	S	SGD	VORTAC	165.00	345.00	R	1		3000	6000	4	5
2	S		WP	163.64	343.64	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	375654.00N/1221721.00W	1257	4E
2	200	AAO	375654.00N/1221721.00W	1257	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

SAUSALITO (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HUSSH (RNAV)			KOAK	OAKLAND	CA (US)
DP	SILENT	1, 2		KOAK	OAKLAND	CA (US)
DP	NIITE (RNAV)			KSFO	SAN FRANCISCO	CA (US)
EN ROUTE	V150	1, 2, 3				(US)
EN ROUTE	V87	1, 2, 3				(US)
IAP	ILS OR LOC RWY 1L	1, 2, 3		KAPC	NAPA	CA (US)
IAP	RNAV (GPS) RWY 19R			KAPC	NAPA	CA (US)
IAP	ILS OR LOC/DME RWY 28R	2	1	KOAK	OAKLAND	CA (US)
IAP	RNAV (GPS) Y RWY 28R		2	KOAK	OAKLAND	CA (US)
IAP	RNAV (RNP) Z RWY 28L		2	KOAK	OAKLAND	CA (US)
IAP	RNAV (RNP) Z RWY 28R		2	KOAK	OAKLAND	CA (US)
IAP	RNAV (GPS) RWY 29			O69	PETALUMA	CA (US)
STAR	REBAS			KHES	HEALDSBURG	CA (US)
STAR	REBAS			KAPC	NAPA	CA (US)
STAR	REBAS			KDVO	NOVATO	CA (US)
STAR	REBAS			O69	PETALUMA	CA (US)
STAR	REBAS			KSTS	SANTA ROSA	CA (US)

REQUIRED CHARTING: DP, STAR, IAP, AREA, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 26

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

ADDED FIX USE KAPC RNAV (GPS) RWY 19R

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: Digitally signed by
JOSEPH L ZEDER

Jul 24, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: ROOAR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 381508.00N/1221626.08W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
JOSEPH L ZEDER
Jul 24, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: RRIBT

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 382400.00N/1223000.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
JOSEPH L ZEDER
Jul 24, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: RUMSY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385233.73N/1221803.31W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	WILLIAMS	ILA	VORTAC	L	209.67	227.67	17.34	17.34		5300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V301	1				(US)
IAP	VOR-A	1		O08	COLUSA	CA (US)
IAP	RNAV (GPS) RWY 19R			KAPC	NAPA	CA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

ADDED WP TO FIX TYPE
ADDED FIX USE KAPC RNAV (GPS) RWY 19R

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
JOSEPH L ZEDER

Jul 24, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: SNOMA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 381200.00N/1223200.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 19R

FAC

PAT

AIRPORT IDENT
KAPC

CITY
NAPA

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/05/2024

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: **JOSEPH L ZEDER**

Jul 24, 2024

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WEBRR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 381437.97N/1222443.71W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N		WP	339.16	159.16	R		10	5000	10000	15	15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	382727.00N/1223033.00W	2930	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	113

HOLDING RESTRICTIONS:

HOLDING RESTRICTED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 19R			KAPC	NAPA	CA (US)
STAR	WNDSR (RNAV)		1	KOAK	OAKLAND	CA (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

ADDED FIX USE KAPC RNAV (GPS) RWY 19R

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

Digitally signed by
SIGNATURE: **JOSEPH L ZEDER**

Jul 24, 2024

QUALITY
10
CHECKED