

# RADIO FIX AND HOLDING DATA RECORD

NAME: BANND

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 374535.69N/1210342.58W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
STAR  
STAR

USE TITLE  
OAKES (RNAV)  
OAKES (RNAV)

FAC PAT

AIRPORT IDENT  
KHWD  
KOAK

CITY  
HAYWARD  
OAKLAND

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX USE: REMOVED STAR BANND, ADDED OAKES STAR FOR HWD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Apr 11, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: BBUBB

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 374014.58N/1215018.49W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 28R			KOAK	OAKLAND	CA (US)
IAP	RNAV (GPS) Y RWY 28L			KOAK	OAKLAND	CA (US)
IAP	RNAV (GPS) Y RWY 28R			KOAK	OAKLAND	CA (US)
IAP	RNAV (RNP) Z RWY 28L			KOAK	OAKLAND	CA (US)
IAP	RNAV (RNP) Z RWY 28R			KOAK	OAKLAND	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX USE: REMOVED STAR OAKES.  
CHARTING: REMOVED STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Apr 11, 2025

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: EVOLV

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 374113.54N/1214018.42W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR

USE TITLE  
OAKES (RNAV)

FAC

PAT

AIRPORT IDENT  
KOAK

CITY  
OAKLAND

STATE  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/30/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 10/23/2014

OFFICE: AJV-354

NAME: DAVID DOWLING

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Apr 11, 2025

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: NORCAL APP CON

OTHER:

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: GRUDG

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 374743.55N/1205128.85W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NE		WP	064.10	244.10	R	10	20000	32000	18	24

**REMARKS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	OAKES (RNAV)		1	KHWD	HAYWARD	CA (US)
STAR	OAKES (RNAV)		1	KOAK	OAKLAND	CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX USE: REMOVED STAR BANND, ADDED OAKES STAR FOR HWD.  
HOLDING: ADDED HOLDING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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**ALLAN WILL**

Apr 11, 2025

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: INSLO

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 384044.90N/1171753.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
DP  
EN ROUTE

USE TITLE  
OZIEE (RNAV)  
Q126

FAC PAT

AIRPORT IDENT  
KAPC

CITY  
NAPA

STATE  
CA (US)  
(US)

REQUIRED CHARTING: DP, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX USE: REMOVED STAR BANND AND OAKES.

CHARTING: REMOVED STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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**ALLAN WILL**

Apr 11, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: MOLLA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 375852.98N/1194242.06W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BMBER (RNAV)			KCCR	CONCORD	CA (US)
STAR	BMBER (RNAV)			KSUU	FAIRFIELD	CA (US)
STAR	OAKES (RNAV)			KHWD	HAYWARD	CA (US)
STAR	OAKES (RNAV)			KOAK	OAKLAND	CA (US)

REQUIRED CHARTING: STAR, MILITARY STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX USE: REMOVED STAR BANND, ADDED OAKES STAR FOR HWD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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**ALLAN WILL**

Apr 11, 2025



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** MONOH **STATE:** CA **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 380730.63N/1184449.10W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** CANCEL

**HOLDING:** **HOLDING TYPE OF ACTION:**

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
<b>USE TYPE</b> STAR	OAKES (RNAV)			KOAK	OAKLAND	CA (US)

**REQUIRED CHARTING:** STAR, CONTROLLER, EN ROUTE HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 05/24/2018

**REASON FOR REVISION:**  
FIX USE: DELETED BANND (RNAV) STAR.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	<b>DATE:</b> 12/08/2017	<b>OFFICE:</b> AJV-5431	<b>NAME:</b> DONALD LANIER (JACOB MAXFIELD)
<b>APPROVED BY:</b>	<b>DATE:</b> 03/13/2025	<b>OFFICE:</b> AJV-A423	<b>NAME:</b> ALLAN WILL

**SIGNATURE:** *Digitally signed by*  
**ALLAN WILL**

**DISTRIBUTION:** NFDC  
FPO: WST  
ARTCC: ZOA  
ATC FACILITY: NORCAL APP CON  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: MRLET

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 390737.20N/1194931.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
DP  
STAR  
STAR

USE TITLE  
ZEFFR (RNAV)  
OAKES (RNAV)  
OAKES (RNAV)

FAC PAT

AIRPORT IDENT  
KRNO  
KHWD  
KOAK

CITY  
RENO  
HAYWARD  
OAKLAND

STATE  
NV (US)  
CA (US)  
CA (US)

REQUIRED CHARTING: DP, STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX USE: DELETED STAR SHARR AND BANND, ADDED OAKES STAR FOR HWD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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**ALLAN WILL**  
Apr 11, 2025



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** NORCL

**STATE:** CA

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 373102.66N/1214310.60W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
EN ROUTE  
EN ROUTE  
STAR

**USE TITLE**  
T259  
T331  
OAKES (RNAV)

**FAC PAT AIRPORT IDENT CITY**

KHWD HAYWARD

**STATE**  
(US)  
(US)  
CA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 04/17/2025

**REASON FOR REVISION:**

FIX USE: ADDED STAR OAKES.  
CHARTING: ADDED STAR, CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** TODD DAMRON

**APPROVED BY:**

**DATE:** 03/13/2025

**OFFICE:** AJV-A423

**NAME:** ALLAN WILL

**SIGNATURE:**

*Digitally signed by*

**ALLAN WILL**

Apr 11, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: OAKES

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 375252.93N/1202102.50W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BMBER (RNAV)			KCCR	CONCORD	CA (US)
STAR	BMBER (RNAV)			KSUU	FAIRFIELD	CA (US)
STAR	OAKES (RNAV)			KHWD	HAYWARD	CA (US)
STAR	OAKES (RNAV)			KOAK	OAKLAND	CA (US)

REQUIRED CHARTING: STAR, MILITARY STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX USE: REMOVED STAR BANND, ADDED OAKES STAR FOR HWD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Apr 11, 2025

QUALITY  
14  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PARBB

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 373627.44N/1215641.88W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 30			KOAK	OAKLAND	CA (US)
IAP	ILS RWY 30 (CAT II-III)			KOAK	OAKLAND	CA (US)
IAP	ILS RWY 30 (SA CAT I)			KOAK	OAKLAND	CA (US)
IAP	RNAV (GPS) Y RWY 30			KOAK	OAKLAND	CA (US)
IAP	RNAV (RNP) Z RWY 30			KOAK	OAKLAND	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX USE: REMOVED STAR OAKES.  
CHARTING: REMOVED STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Apr 11, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: POYSN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 381718.33N/1200409.08W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
STAR  
STAR

USE TITLE  
OAKES (RNAV)  
OAKES (RNAV)

FAC PAT

AIRPORT IDENT  
KHWD  
KOAK

CITY  
HAYWARD  
OAKLAND

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX USE: DELETED STAR BANND AND SHARR, ADDED OAKES STAR FOR HWD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Apr 11, 2025

QUALITY  
14  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** RUSME **STATE:** NV **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 372939.00N/1173112.00W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	OAKES (RNAV)			KHWD	HAYWARD	CA (US)
STAR	REBAS (RNAV)			KHES	HEALDSBURG	CA (US)
STAR	VNYRD (RNAV)			KHES	HEALDSBURG	CA (US)
STAR	REBAS (RNAV)			KAPC	NAPA	CA (US)
STAR	VNYRD (RNAV)			KAPC	NAPA	CA (US)
STAR	REBAS (RNAV)			KDVO	NOVATO	CA (US)
STAR	VNYRD (RNAV)			KDVO	NOVATO	CA (US)
STAR	OAKES (RNAV)			KOAK	OAKLAND	CA (US)
STAR	REBAS (RNAV)			O69	PETALUMA	CA (US)
STAR	VNYRD (RNAV)			O69	PETALUMA	CA (US)
STAR	ALWYS (RNAV)			KSFO	SAN FRANCISCO	CA (US)
STAR	DYAMD (RNAV)			KSFO	SAN FRANCISCO	CA (US)
STAR	YOSEM (RNAV)			KSFO	SAN FRANCISCO	CA (US)
STAR	RAZRR (RNAV)			KSJC	SAN JOSE	CA (US)
STAR	REBAS (RNAV)			KSTS	SANTA ROSA	CA (US)
STAR	VNYRD (RNAV)			KSTS	SANTA ROSA	CA (US)
STAR	SCOLA (RNAV)			KRNO	RENO	NV (US)
STAR	TARVR (RNAV)			KRNO	RENO	NV (US)

**REQUIRED CHARTING:** STAR, EN ROUTE HIGH, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 12 **DATE OF REVISION:** 04/17/2025

**REASON FOR REVISION:**  
FIX USE: REMOVED STAR BANND AND SHARR, ADDED OAKES STAR FOR HWD.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A423	<b>NAME:</b> TODD DAMRON
<b>APPROVED BY:</b>	<b>DATE:</b> 03/13/2025	<b>OFFICE:</b> AJV-A423	<b>NAME:</b> ALLAN WILL

**SIGNATURE:**  
  
*Digitally signed by*  
**ALLAN WILL**  
Apr 11, 2025



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** SULRR **STATE:** CA **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 375136.32N/1212309.33W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
USE TYPE STAR	OAKES (RNAV)			KOAK	OAKLAND	CA (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 04/17/2025

**REASON FOR REVISION:**  
FIX USE: REMOVED STAR BANND, ADDED STAR OAKES.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A423	<b>NAME:</b> TODD DAMRON
<b>APPROVED BY:</b>	<b>DATE:</b> 03/13/2025	<b>OFFICE:</b> AJV-A423	<b>NAME:</b> ALLAN WILL

**SIGNATURE:**  
*Digitally signed by*  
**ALLAN WILL**  
Apr 11, 2025



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** TATOO **STATE:** NV **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 381942.00N/1171650.00W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**REMARKS:**  
ATC COORDINATION AND CONTROL FIX.

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
<b>USE TYPE</b>	Q134					(US)
EN ROUTE	OAKES (RNAV)			KHWD	HAYWARD	CA (US)
STAR	OAKES (RNAV)			KOAK	OAKLAND	CA (US)

**REQUIRED CHARTING:** STAR, EN ROUTE HIGH, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 04/17/2025

**REASON FOR REVISION:**  
1. FIX USE: ADDED OAKES (RNAV) STAR FOR HWD.  
2. CHARTING: DELETED CONTROLLER AND ADDED CONTROLLER HIGH.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A423	<b>NAME:</b> TODD DAMRON
<b>APPROVED BY:</b>	<b>DATE:</b> 03/13/2025	<b>OFFICE:</b> AJV-A423	<b>NAME:</b> ALLAN WILL

**SIGNATURE:**

*Digitally signed by*  
**ALLAN WILL**  
Apr 11, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: TOOOL

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 374248.74N/1211938.18W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
STAR  
STAR

USE TITLE  
OAKES (RNAV)  
OAKES (RNAV)

FAC PAT

AIRPORT IDENT  
KHWD  
KOAK

CITY  
HAYWARD  
OAKLAND

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/17/2025

**REASON FOR REVISION:**

FIX LOCATION: MOVED APPROXIMATELY 2.7 NM SW FROM "374324.19N/1211618.77W" TO "374248.74N/1211938.18W".  
FIX USE: ADDED OAKES STAR FOR HWD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Apr 11, 2025

QUALITY  
14  
CHECKED