



1. ADDED SQUID DP TO FIX USE.

01/23/2024 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 11/7/2023.

1. REMARKS: CHANGED "ASSIGNED FACILITY MAGVAR 15E" TO "ASSIGNED FACILITY MAG VAR: 15E/1980".

2. REMARKS: REMOVED "ESV RADIALS ARE 242-256.

3. REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

4. FIX USE: ADDED KNTD RNAV (GPS) RWY 3.

5. FIX USE: ADDED KNTD RNAV (GPS) RWY 21.

6. FIX USE: ADDED KNTD ILS Z OR LOC/DME Z RWY 21.

7. FIX USE: CHANGED KNTD "ILS OR LOC/DME RWY 21" TO "ILS Y OR LOC/DME Y RWY 21"

8. FIX USE: ADDED FAC 1 AND PAT 1 TO KOXR ILS OR LOC RWY 25.

9. ADDED CIH FOR KOXR ILS OR LOC RWY 25

10. ADDED CIH CONTROLLING OBSTACLE 06-001823 341952.00N/1190124.00W 2709 (5E) FT MSL.

11. UPDATED CONTROLLING OBSTACLE FOR PAT 1 FROM AAO 341736.00N/1190539.00W 1342 (4E) FT MSL TO AAO 341745.00N/1190454.00W 1355 (4B) FT MSL.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

**NAME:** NICHOLAS PRATER

**APPROVED BY:**

**DATE:** 05/16/2024

**OFFICE:** AJV-A422

**NAME:** RAKE MCGRAW

**SIGNATURE:**

*Digitally signed by*

**RAKE MCGRAW**

Jan 24, 2024



# RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 341152.34N/1185233.19W TYPE: WP, INT

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	OXNARD	I-OXR	LOC		075.53	090.53		17.15	4200	4600
2	FILLMORE	FIM	VORTAC	VL	163.38	178.38		9.52	4200	4600

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-OXR	LOC	R-076	18	4200	4600

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

OXNARD (FAC 1) AND FILLMORE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 25	1, 2		KOXR	OXNARD	CA (US)
IAP	RNAV (GPS) RWY 25			KOXR	OXNARD	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED FILLMORE MAA FROM 17500 TO 4600.

INITIATED BY: DATE: ORGANIZATION: NAME:  
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 NAME: NICHOLAS PRATER  
APPROVED BY: DATE: 05/16/2024 OFFICE: AJV-A33 NAME: JOHN BORDY

## SIGNATURE:

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**RAKE MCGRAW**  
Jan 24, 2024





IAP	ILS Y OR LOC Y RWY 8	KBUR	BURBANK	CA (US)
IAP	ILS Z OR LOC Z RWY 8	KBUR	BURBANK	CA (US)
IAP	VOR RWY 8	KBUR	BURBANK	CA (US)
IAP	VOR RWY 26	KCMA	CAMARILLO	CA (US)
IAP	ILS OR LOC RWY 24L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 24R	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 6L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 6R	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 7L	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 7R	KLAX	LOS ANGELES	CA (US)
IAP	ILS RWY 24R (CAT II & III)	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 6L	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 6R	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 7L	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 7R	KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) RWY 12	KWHP	LOS ANGELES	CA (US)
IAP	VOR-A	KWHP	LOS ANGELES	CA (US)
IAP	ILS Y OR LOC/DME Y RWY 21	KNTD	OXNARD	CA (US)
IAP	TACAN RWY 21	KNTD	OXNARD	CA (US)
IAP	TACAN Y OR VOR/DME RWY 3	KNTD	OXNARD	CA (US)
IAP	ILS OR LOC RWY 25	KOXR	OXNARD	CA (US)
IAP	VOR RWY 25	KOXR	OXNARD	CA (US)
IAP	ILS OR LOC RWY 7	KSBA	SANTA BARBARA	CA (US)
IAP	VOR OR GPS RWY 25	KSBA	SANTA BARBARA	CA (US)
IAP	VOR-A	KSMO	SANTA MONICA	CA (US)
IAP	ILS Y RWY 16R	KVNY	VAN NUYS	CA (US)
IAP	ILS Z RWY 16R	KVNY	VAN NUYS	CA (US)
IAP	LDA-C	KVNY	VAN NUYS	CA (US)
IAP	VOR-A	KVNY	VAN NUYS	CA (US)
IAP	VOR-B	KVNY	VAN NUYS	CA (US)
STAR	FERNANDO	KBUR	BURBANK	CA (US)
STAR	GUERA (RNAV)	KCMA	CAMARILLO	CA (US)
STAR	TANDY	KLGB	LONG BEACH	CA (US)
STAR	BASET	KLAX	LOS ANGELES	CA (US)
STAR	KIMMO	KLAX	LOS ANGELES	CA (US)
STAR	MOORPARK	KLAX	LOS ANGELES	CA (US)
STAR	OCEAN	KLAX	LOS ANGELES	CA (US)
STAR	SADDE	KLAX	LOS ANGELES	CA (US)
STAR	GUERA (RNAV)	KNTD	OXNARD	CA (US)
STAR	GUERA (RNAV)	KOXR	OXNARD	CA (US)
STAR	TANDY	KSNA	SANTA ANA	CA (US)
STAR	FERNANDO	KSMO	SANTA MONICA	CA (US)
STAR	KIMMO	KSMO	SANTA MONICA	CA (US)
STAR	FERNANDO	KVNY	VAN NUYS	CA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 33

**DATE OF REVISION:** 05/16/2024

**REASON FOR REVISION:**

1. PATTERNS: CHANGED PATTERN 2 LEG TIME FROM 1-1 1/2 TO 1.
2. REMARKS: CHANGED "ASSIGNED FACILITY MAGVAR: 15E (1965)" TO "ASSIGNED FACILITY MAGVAR 15E/1965".
3. FIX USE: CHANGED KLAX "ILS OR LOC RWY 24R (CAT II & III)" TO "ILS RWY 24R (CAT II & III)".
4. FIX USE: CHANGED KNTD "ILS Y OR LOC/DME RWY 21" TO "ILS Y OR LOC/DME Y RWY 21".
5. FIX USE: REMOVED KLAX REDEYE STAR.
6. FIX USE: ADDED KSMO TOPANGA (OBSTACLE) DP.

**INITIATED BY:**                      **DATE:**                      **ORGANIZATION:**                      **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A422                      **NAME:** NICHOLAS PRATER

**APPROVED BY:**                      **DATE:** 05/16/2024                      **OFFICE:** AJV-A33                      **NAME:** JOHN BORDY

**SIGNATURE:** *Digitally signed by*  
**RAKE MCGRAW**  
 Jan 24, 2024





# RADIO FIX AND HOLDING DATA RECORD

NAME: HUPLA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341154.70N/1185635.30W

TYPE: WP, RADAR, INT

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	FAC	MRA	MAA
								NM	FEET		
1	OXNARD	I-OXR	LOC		075.53	090.53		13.80		3700	4500
2	FILLMORE	FIM	VORTAC	VL	183.00	198.00		9.96		3700	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

OXNARD (FAC 1) AND FILLMORE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 25	1, 2		KOXR	OXNARD	CA (US)
IAP	RNAV (GPS) RWY 25			KOXR	OXNARD	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/16/2024

## REASON FOR REVISION:

1. FIX USE: REMOVED ILS OR LOC RWY 25 AND RNAV (GPS) RWY 25 AT KLAX LOS ANGELES.
2. FIX USE: ADDED ILS OR LOC RWY 25 AND RNAV (GPS) RWY 25 AT KOXR OXNARD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: NICHOLAS PRATER

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A33

NAME: JOHN BORDY

SIGNATURE:

*Digitally signed by*

**RAKE MCGRAW**

Jan 24, 2024

QUALITY  
12  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PARDS OM **STATE:** CA **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 341159.81N/1190602.04W **TYPE:**

**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	FAC FEET	MRA	MAA
1	PARDS	OX	OM							1560	4500
2	OXNARD	I-OXR	LOC		075.53	090.53		5.97		1560	4500

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

**REMARKS:**

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE PARDS OM.  
ACTUAL FACILITY LOCATION IS 341158.38N/1190602.05W.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 25	1, 2		KOXR	OXNARD	CA (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 7 **DATE OF REVISION:** 05/16/2024

**REASON FOR REVISION:**

1. FIX MAKE-UP: ADDED PARDS OM.
2. FIX MAKE-UP: CHANGED OXNARD LOC MRA TO 1560.
3. FIX MAKE-UP: RENUMBERED FIX MAKEUP FACILITIES.
4. FIX MAKE-UP: CHANGED FAC 2 DISTANCE FROM FAC FROM 5.96 TO 5.97.
5. FIX USE: ADDED PARDS OM FAC TO KOXR ILS OR LOC RWY 25.

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A422 **NAME:** NICHOLAS PRATER

**APPROVED BY:** **DATE:** 05/16/2024 **OFFICE:** AJV-A33 **NAME:** JOHN BORDY

**SIGNATURE:** Digitally signed by  
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Jan 24, 2024







STAR	MOORPARK	KLAX	LOS ANGELES	CA (US)
STAR	SADDE	KLAX	LOS ANGELES	CA (US)
STAR	ROBIE	KSJC	SAN JOSE	CA (US)
STAR	FERNANDO	KSMO	SANTA MONICA	CA (US)
STAR	FERNANDO	KVNY	VAN NUYS	CA (US)

**REQUIRED CHARTING:** DP, STAR, MILITARY IAP, MILITARY DP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 18                      **DATE OF REVISION:** 05/16/2024

**REASON FOR REVISION:**

1. CHANGED FIX MAKE-UP FACILITIES FAC 1 RZS VORTAC CLASS FROM H TO VH.
2. DELETED ESV RZS VORTAC R-025/D53/13100/20000.
3. CHANGED HOLDING PAT 1 LEG TIME FROM "1-1 1/2" TO "1".
4. DELETED FIX USE FAC 1 FROM ALL CONVENTIONAL EN ROUTE VICTOR AND JET ROUTES, AND FROM IAPS RNAV (GPS)-A AND VOR RWY 8 AT KIZA.
5. CHANGED FIX USE CITY FOR KNTD PROCEDURES FROM POINT MUGU TO OXNARD, AND CHANGED KNTD IAP FIX USE TITLE FROM HI TACAN RWY 21 TO HI-TACAN Z RWY 21
6. CHANGED FIX USE IAP TITLE AT KNUC FROM HI TACAN RWY 24 TO HI-TACAN Z RWY 24.
7. DELETED REMARK "ESV FOR CASTA SID RADIALS RANGE FROM 025-063."
8. DELETED FIX USE IAP ILS OR LOC RWY 25 AT KOXR.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A422	<b>NAME:</b> NICHOLAS PRATER
<b>APPROVED BY:</b>	<b>DATE:</b> 05/16/2024	<b>OFFICE:</b> AJV-A33	<b>NAME:</b> JOHN BORDY

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 Jan 24, 2024







IAP	VOR-A	KWHP	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 25	KOXR	OXNARD	CA (US)
IAP	VOR -A	KSMO	SANTA MONICA	CA (US)
IAP	ILS Y RWY 16R	KVNY	VAN NUYS	CA (US)
IAP	ILS Z RWY 16R	KVNY	VAN NUYS	CA (US)
IAP	LDA-C	KVNY	VAN NUYS	CA (US)
IAP	VOR-A	KVNY	VAN NUYS	CA (US)
IAP	VOR-B	KVNY	VAN NUYS	CA (US)
STAR	FERNANDO	KBUR	BURBANK	CA (US)
STAR	LYNXX	KBUR	BURBANK	CA (US)
STAR	KIMMO	KLAX	LOS ANGELES	CA (US)
STAR	FERNANDO	KSMO	SANTA MONICA	CA (US)
STAR	KIMMO	KSMO	SANTA MONICA	CA (US)
STAR	FERNANDO	KVNY	VAN NUYS	CA (US)
STAR	LYNXX	KVNY	VAN NUYS	CA (US)

**REQUIRED CHARTING:** DP, STAR, MILITARY IAP, IAP, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 16

**DATE OF REVISION:** 05/16/2024

**REASON FOR REVISION:**

1. PATTERNS: CHANGED PATTERN 1-4 LEG LEGTH TIME FROM 1-1 1/2 TO 1.
2. REMARKS: CHANGED "ASSIGNED FACILITY MAG VAR: 15E (1975)" TO "ASSIGNED FACILITY MAG VAR: 15E/1975".
3. FIX USE: REMOVED KEMT VOR OR GPS-B.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A422	<b>NAME:</b> NICHOLAS PRATER
<b>APPROVED BY:</b>	<b>DATE:</b> 05/16/2024	<b>OFFICE:</b> AJV-A33	<b>NAME:</b> JOHN BORDY

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 Jan 24, 2024





IAP	LDA-C	1	KVNY	VAN NUYS	CA (US)
IAP	RNAV (GPS) RWY 16R	2	KVNY	VAN NUYS	CA (US)
IAP	VOR-A		KVNY	VAN NUYS	CA (US)
STAR	FERNANDO		KBUR	BURBANK	CA (US)
STAR	TANDY		KLGB	LONG BEACH	CA (US)
STAR	OCEAN		KLAX	LOS ANGELES	CA (US)
STAR	SADDE		KLAX	LOS ANGELES	CA (US)
STAR	TANDY		KSNA	SANTA ANA	CA (US)
STAR	FERNANDO		KSMO	SANTA MONICA	CA (US)
STAR	FERNANDO		KVNY	VAN NUYS	CA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 22

**DATE OF REVISION:** 05/16/2024

**REASON FOR REVISION:**

1. REMARKS: CHANGED "ASSIGNED FACILITY MAGVAR: 15E (1980)" TO "ASSIGNED FACILITY MAGVAR: 15E/1980".
2. FIX USE: REMOVED KVNY RNAV (GPS) RWY 16R.
3. FIX USE: REMOVED KOXR ILS OR LOC RWY 25.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A422	<b>NAME:</b> NICHOLAS PRATER
<b>APPROVED BY:</b>	<b>DATE:</b> 05/16/2024	<b>OFFICE:</b> AJV-A33	<b>NAME:</b> JOHN BORDY

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 Jan 24, 2024



