

1. ADDED AIRSPACE DOCKET: 16-AWP-01.
2. AMENDED FAC 2 (SAC VORTAC) MRA FROM 5000 TO 4500 - SUPPORT INTERSECTION MAKE-UP ON V28 AND V244.
3. DELETED FAC 3 (ECA VOR/DME) - ECA VOR BEING DECOMMISSIONED.
4. DELETED FIX MAKE-UP FACILITIES FAC 4, WOODSIDE, OSI, VOR/DME, CLASS L, MAG BRG 028.20, TRUE BRG 045.20, DME 35.80, DIST FROM FAC 35.80 NM, MRA 6000, MAA 17500 - FACILITY WAS ONLY USED ON THE MARINA DP.
5. DELETED FIX MAKE-UP FACILITIES FAC 5, RED BLUFF, RBL, VORTAC, CLASS H, MAG BRG 152.36, TRUE BRG 170.36, DME 138.97, DIST FROM FAC 138.97 NM, MRA 1700, MAA 20000 - FACILITY WAS ONLY USED ON THE MARINA DP.
6. ADDED NEW FIX MAKE-UP FACILITIES FAC 3, LINDEN, LIN, VOR/DME, CLASS H, MAG BRG 229.20, TRUE BRG 246.20, DIST FROM FAC 38.62 NM, MRA 4500, MAA 17500 - FACILITY REQUIRED FOR V28.
7. DELETED EXPANDED SERVICE VOLUME (ESV) RBL VORTAC, R-152, DISTANCE 139, MIN ALT 17000, MAX ALT 20000.
8. DELETED FIX RESTRICTIONS OSI VOR/DME AND RBL VORTAC MRA RESTRICTIONS - FACILITIES DELETED FROM FIX MAKE-UP.
9. ADDED FIX RESTRICTION MCA T298 4600 SOUTHWEST BOUND.
10. ADDED PAT 2 HOLDING PATTERN AND ASSOCIATED DATA.
11. ADDED PAT 2 REASON FOR NONSTANDARD HOLDING: AVOID HIGH TERRAIN.
12. ADDED ILS RWY 25R AND LOC RWY 25R AT KLVK TO PROCEDURES REQUIRING CLIMB-IN-HOLD.
13. CHANGED REMARK "OAKLAND (FAC 1) USED TO ESTABLISH FIX COORDINATES" TO READ: OAKLAND (FAC 1) AND SACRAMENTO (FAC 2) USED TO ESTABLISH FIX COORDINATES.
14. UPDATED FIX USE: DELETED DP MARINA AT KOAK, OAKLAND, CA (US), DELETED DP BYRON AT KVLK, LIVERMORE, CA (US), DELETED EN ROUTE T261, AND DELETED V109 FROM FIX USE.
15. UPDATED FIX USE: ADDED LOC RWY 25R AT KLVK, LIVERMORE, CA (US), ADDED RNAV (GPS) RWY 26 AT KTCY, TRACY, CA (US), AND ADDED EN ROUTE T298.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 02/16/2017	OFFICE: AJV-5422	NAME: JOHN THORNTON
APPROVED BY:	DATE:	OFFICE: AJV-5420	NAME: JULIE MORGAN

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 374128.15N/1211906.77W **TYPE:** WP

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

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 26			KTCY	TRACY	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 06/22/2017

REASON FOR REVISION:
1. FIX MOVED 509 FT EAST.
2. REMOVED RNP PFAF FORMULA REMARK.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 01/23/2017	OFFICE: AJV-5421	NAME: JEFFREY ROBINSON
APPROVED BY:	DATE:	OFFICE: AJV-5420	NAME: JULIE MORGAN

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: PATYY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 372929.60N/1210259.93W

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	PANOCH	PXN	VORTAC	VL	328.44	344.44	48.30	48.30	5000	17500
2	MODESTO	MOD	VOR/DME	VH	191.39	208.39	9.25	9.25	3000	17500
3	EL NIDO	HYP	VOR/DME	L	282.88	297.88		35.10	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PXN	VORTAC	R-328	49	5000	17500

FIX RESTRICTIONS:

MCA V113 5000 SOUTHEAST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MODESTO (FAC 2) AND EL NIDO (FAC 3) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V111	2, 3				(US)
EN ROUTE	V113	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 13			KMER	ATWATER	CA (US)
IAP	RNAV (GPS) RWY 14			KLSN	LOS BANOS	CA (US)
IAP	RNAV (GPS) RWY 12			KMCE	MERCED	CA (US)
IAP	RNAV (GPS) RWY 26			KTCY	TRACY	CA (US)
IAP	RNAV (GPS) RWY 30			KTCY	TRACY	CA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

1. FIX MAKE-UP: ADDED FAC PXN, RENUMBER FAC'S AND UPDATED ASSOCIATED REMARKS.
2. FIX MAKE-UP: CHANGED FAC MOD CLASS FROM H TO VH.
3. ESV: ADDED PXN ESV - ESV ON FILE.
4. FIX RESTRICTION: ADDED MCA V113 5000 SOUTHEAST BOUND
5. REMARKS: ADDED NOTE MODESTO (FAC 2) AND EL NIDO (FAC 3) USED TO ESTABLISH FIX COORDINATES.
6. FIX USE: ADDED FAC 3 TO V113 AND CHANGED V111 FAC FROM 1, 2 TO 2, 3.
7. FIX USE: CHANGED CITY NAME FROM MERCED TO ATWATER FOR RNAV (GPS) RWY 13.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AVJ-A442

NAME: DAVID DANNER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: UCSIJ

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 374126.26N/1212521.15W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 26

FAC

PAT

AIRPORT IDENT
KTCY

CITY
TRACY

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/22/2017

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/01/2017

OFFICE: AJV-5421

NAME: JEFFREY ROBINSON

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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FPO: WST
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