

RADIO FIX AND HOLDING DATA RECORD

NAME: ACEKO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 390113.76N/1203100.15W

TYPE: 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	FEET	MRA	MAA
1	SQUAW VALLEY	SWR	VOR/DME	VL	214.38	230.38	15.00	15.00		11200	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 22L			MHR	SACRAMENTO	CA (US)
IAP	ILS Z OR LOC Z RWY 22L	1		MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)	1		MHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. RENAMED "ILS OR LOC RWY 22L" TO "ILS OR LOC Z RWY 22L."
2. RENAMED "ILS RWY 22L (SA CAT I, SA CAT II)" TO "ILS Z RWY 22L (SA CAT I, SA CAT II)."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: COLOM

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385020.30N/1205212.07W

TYPE: INT, DME

AIRSPACE DOCKET: 23-AWP-03

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	PALISADES	SWR	VOR/DME	VL	218.11	234.11	34.74	34.74	11000	17500
2	HANGTOWN	HNW	VOR/DME	L	303.44	320.44	8.89	8.89	6000	17500
3	SACRAMENTO	SAC	VORTAC	VH	036.31	053.31	39.85	39.85	5000	45000
4	MUSTANG	FMG	VORTAC	VH	218.15	234.15	70.21	70.21	18000	45000

FIX RESTRICTIONS:

MCA V6 9500 NORTHEAST BOUND

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	NE	SWR	VOR/DME	218.11	218.11	L	1	11000 17500	11 18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	385733.00N/1203251.00W	5440	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	340

REASON FOR NONSTANDARD HOLDING:

PAT 1 REQUESTED BY AIR TRAFFIC.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

HANGTOWN (FAC 2) AND SACRAMENTO (FAC 3) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J32	3				(US)
EN ROUTE	V332	1, 2, 3				(US)
EN ROUTE	V6	1, 2, 3	1			(US)
IAP	ILS Z OR LOC Z RWY 22L	1, 2		MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I - II)	1, 2		MHR	SACRAMENTO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 NAME FROM SQUAW VALLEY TO PALISADES. CHANGED FAC 3 BEARINGS DECIMAL PORTION FROM .30 TO .31. CHANGED FAC 4 CLASS FROM H TO VH.
2. CONTROLLING OBSTRUCTIONS: CHANGED PAT 1 COORDINATES. CHANGED PAT 1 ELEVATION FROM 5338 TO 5440.
3. PRECIPITOUS TERRAIN: CHANGED PAT 1 ADDITION FROM 296 TO 340.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: COSKA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 383249.90N/1210316.56W

TYPE: 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	FEET	MRA	MAA
1	SACRAMENTO	SAC	VORTAC	H	058.01	075.01	24.22	24.22		3000	17500
2	LINDEN	LIN	VOR/DME	H	338.18	355.18	28.43	28.43		3000	17500

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	SW	SAC	VORTAC	058.01	058.01	R	1	3500 6000	5 6
2	S	LIN	VOR/DME	338.18	338.18	R	1	3500 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	383503.00N/1205830.00W	1332	4E
1	310	AAO	383336.00N/1205130.00W	1893	4E
2	200	AAO	383539.00N/1205745.00W	1405	4E
2	310	AAO	383403.00N/1205133.00W	1930	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS Z RWY 22L (SA CAT I, SA CAT II)	KMHR	SACRAMENTO	CA (US)
1	ILS OR LOC Y RWY 22L	KMHR	SACRAMENTO	CA (US)
1	ILS OR LOC Z RWY 22L	KMHR	SACRAMENTO	CA (US)
2	ILS Z OR LOC Z RWY 22L ALT MA	KMHR	SACRAMENTO	CA (US)
2	ILS Y OR LOC Y RWY 22L ALT MA	KMHR	SACRAMENTO	CA (US)

REMARKS:

SACRAMENTO (FAC 1) AND LINDEN (FAC 2) 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 Y RWY 22L	1, 2	1	MHR	SACRAMENTO	CA (US)
IAP	ILS OR LOC Z RWY 22L	1, 2	1	MHR	SACRAMENTO	CA (US)
IAP	ILS Y OR LOC Y RWY 22L ALT MA	2	2	MHR	SACRAMENTO	CA (US)
IAP	ILS Z OR LOC Z RWY 22L ALT MA	2	2	MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)	1, 2	1	MHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. RENAMED "ILS OR LOC RWY 22L" TO "ILS Z OR LOC Z RWY 22L."
2. RENAMED "ILS RWY 22L (SA CAT I, SA CAT II)" TO "ILS Z RWY 22L (SA CAT I, SA CAT II)."
3. ADDED ILS Y OR LOC Y RWY 22L TO FIX USE.
4. ADDED ILS Y OR LOC Y RWY 22L ALT MA TO FIX USE.
5. ADDED ILS Z OR LOC Z RWY 22L ALT MA TO FIX USE.
6. UPDATED HOLD CONTROLLING OBSTRUCTIONS.
7. CHANGED MINIMUM HOLDING ALTITUDE FROM 3000 TO 3500.
8. ADDED ILS Z RWY 22L (SA CAT I, SA CAT II), ILS Y OR LOC Y RWY 22L, ILS Z OR LOC Z RWY 22L, ILS Y OR LOC Y RWY 22L ALT MA, AND ILS Z OR LOC Z RWY 22L ALT MA TO PROCEDURES REQUIRING CLIMB-IN-HOLD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ESDIE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 384831.68N/1205108.90W

TYPE: 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	FEET	MRA	MAA
1	SACRAMENTO	I-MHR	LOC/DME		040.72	053.72	27.08	27.08		8100	12000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-MHR	LOC/DME	R-041	27	8100	12000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-MHR DME COORDINATES: 383230.14N/1211902.09W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 22L	1		MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)	1		MHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. RENAMED "ILS OR LOC RWY 22L" TO "ILS Z OR LOC Z RWY 22L."
2. RENAMED "ILS RWY 22L (SA CAT I, SA CAT II)" TO "ILS Z RWY 22L (SA CAT I, SA CAT II)."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: GADBE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 383650.71N/1211135.07W

TYPE: 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	I-MHR	LOC/DME		040.72	053.72	7.28		44234	1800	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-MHR DME COORDINATES: 383230.14N/1211902.09W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Y RWY 22L	1		MHR	SACRAMENTO	CA (US)
IAP	ILS OR LOC Z RWY 22L	1		MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)	1		MHR	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 22L	1		MHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. RENAMED "ILS OR LOC RWY 22L" TO "ILS Z OR LOC Z RWY 22L."
2. RENAMED "ILS RWY 22L (SA CAT I, SA CAT II)" TO "ILS Z RWY 22L (SA CAT I, SA CAT II)."
3. ADDED ILS Y OR LOC Y RWY 22L TO FIX USE.
4. UPDATED DISTANCE FROM FACILITY FROM 44209 FT TO 44234 FT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HANGTOWN VOR/DME

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 384329.01N/1204457.35W

TYPE:

AIRSPACE DOCKET: 23-AWP-03

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	HANGTOWN	HNW	VOR/DME	L							17500

FIX RESTRICTIONS:

MCA T331 7200 NORTHEAST BOUND

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	SW	HNW	VOR/DME	228.00	048.00	R	1		5800	14000	13	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	310	AAO	384527.00N/1203315.00W	4538	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KPVF	PLACERVILLE	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 17E

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		1	PVF	PLACERVILLE	CA (US)
DP	FROGO			SMF	SACRAMENTO	CA (US)
DP	RICHY			TVL	SOUTH LAKE TAHOE	CA (US)
EN ROUTE	V332					(US)
EN ROUTE	V338					(US)
IAP	GPS RWY 1			JAQ	JACKSON	CA (US)
IAP	ILS Z OR LOC Z RWY 22L			MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I - II)			MHR	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 22L			MHR	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 22R			MHR	SACRAMENTO	CA (US)
STAR	AMRVR (RNAV)			MHR	SACRAMENTO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. AIRSPACE DOCKET: ADDED 23-AWP-03.
2. FIX RESTRICTIONS: CHANGED V338 MCA FROM 7000 TO 7200.
3. PATTERNS: CHANGED PAT 1 HOLDING ALTITUDE MIN FROM 5700 TO 5800 AND TEMPLATE MIN FROM 14 TO 13.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: JEKAX

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 383501.70N/1211444.45W

TYPE: WP, 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	FEET	MRA	MAA
1	SACRAMENTO	I-MHR	LOC/DME		040.72	053.72	4.21	4.21		700	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-MHR DME COORDINATES: 383230.14N/1211902.09W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Y RWY 22L			MHR	SACRAMENTO	CA (US)
IAP	ILS OR LOC Z RWY 22L			MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)1			MHR	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 22L			MHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. RENAMED "ILS OR LOC RWY 22L" TO "ILS OR LOC Z RWY 22L."
2. RENAMED "ILS RWY 22L (SA CAT I, SA CAT II)" TO "ILS Z RWY 22L (SA CAT I, SA CAT II).
3. ADDED ILS OR LOC Y RWY 22L TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LDOOR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 384225.71N/1210150.62W

TYPE: 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	FEET	MRA	MAA
1	SACRAMENTO	I-MHR	LOC/DME		040.72	053.72	16.73	16.73		4800	8100

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-MHR	LOC/DME	R-041	17	3000	8100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-MHR DME COORDINATES: 383230.14N/1211902.09W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 22L	1		MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)	1		MHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. RENAMED "ILS OR LOC RWY 22L" TO "ILS Z OR LOC Z RWY 22L."
2. RENAMED "ILS RWY 22L (SA CAT I, SA CAT II)" TO "ILS Z RWY 22L (SA CAT I, SA CAT II)."
3. LOWERED FACILITY MAA AND ESV MAX ALTITUDE FROM 11000 TO 8100 AT SACRAMENTO MATHER LOC/DME (I-MHR).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: OHDEE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385127.77N/1204558.85W

TYPE: 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	FAC FEET	MRA	MAA
1	SACRAMENTO	I-MHR	LOC/DME		040.72	053.72	32.07	32.07		8100	12000
2	SQUAW VALLEY	SWR	VOR/DME	VL	214.38	230.38	30.22	30.22		8100	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-MHR	LOC/DME	R-041	33	8100	12000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-MHR DME COORDINATES: 383230.14N/1211902.09W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 22L	1, 2		MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)	1, 2		MHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. RENAMED "ILS OR LOC RWY 22L" TO "ILS Z OR LOC Z RWY 22L."
2. RENAMED "ILS RWY 22L (SA CAT I, SA CAT II)" TO "ILS Z RWY 22L (SA CAT I, SA CAT II)."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PALISADES VOR/DME

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 391049.16N/1201610.60W

TYPE:

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 FEET	MRA	MAA
1	PALISADES	SWR	VOR/DME	VL						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	SW	SWR	VOR/DME	218.11	038.11	L	1	11000 14000	9 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	391154.00N/1201712.00W	9160	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	380

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST DUE TO AIRSPACE BOUNDARY.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: 16E 1990.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV VISUAL RWY 29			TRK	TRUCKEE	CA (US)
DP	FROGO			SMF	SACRAMENTO	CA (US)
DP	RICHY			TVL	SOUTH LAKE TAHOE	CA (US)
DP	TAKEOFF MINIMUMS			TVL	SOUTH LAKE TAHOE	CA (US)
DP	MOWGL (RNAV)			TRK	TRUCKEE	CA (US)
DP	TAKEOFF MINIMUMS			TRK	TRUCKEE	CA (US)
DP	TRUCK (OBSTACLE)			TRK	TRUCKEE	CA (US)
DP	MINDEN (OBSTACLE) (RNAV)			MEV	MINDEN	NV (US)
DP	WAGGE			RNO	RENO	NV (US)
EN ROUTE	T331					(US)
EN ROUTE	V338					(US)
EN ROUTE	V494					(US)
EN ROUTE	V6					(US)
IAP	ILS Z OR LOC Z RWY 22L			MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)			MHR	SACRAMENTO	CA (US)
IAP	LDA RWY 18		1	TVL	SOUTH LAKE TAHOE	CA (US)
IAP	RNAV (GPS) RWY 11			TRK	TRUCKEE	CA (US)
IAP	ILS OR LOC RWY 35L			RNO	RENO	NV (US)
IAP	ILS OR LOC RWY 32			RTS	RENO	NV (US)
IAP	RNAV (GPS) RWY 32			RTS	RENO	NV (US)
STAR	PALISADES			SUU	FAIRFIELD	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 30

DATE OF REVISION: 03/19/2026

REASON FOR REVISION:

1. REMOVED KRNO RNAV (GPS) X RWY 35R, KRNO (GPS) Y RWY 35R, KRNO RNAV (GPS) X RWY 35L, AND KRNO RNAV (GPS) Y RWY 35L.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BRITNEY ARMENTROUT

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: YOSHE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 383853.46N/1210801.18W

TYPE: 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	FEET	MRA	MAA
1	SACRAMENTO	I-MHR	LOC/DME		040.72	053.72	10.74	10.74		2900	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-MHR DME COORDINATES: 383230.14N/1211902.09W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 22L			MHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)1			MHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. RENAMED "ILS OR LOC RWY 22L" TO "ILS OR LOC Z RWY 22L."
2. RENAMED "ILS RWY 22L (SA CAT I, SA CAT II)" TO "ILS Z RWY 22L (SA CAT I, SA CAT II).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: