

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 02/23/2023

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: 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	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 Y OR LOC Y RWY 22L	1		KMHR	SACRAMENTO	CA (US)
IAP	ILS Z OR LOC Z RWY 22L	1		KMHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)1			KMHR	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 22L			KMHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/23/2023

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: 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 Y OR LOC Y RWY 22L	1		KMHR	SACRAMENTO	CA (US)
IAP	ILS Z OR LOC Z RWY 22L	1		KMHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I, SA CAT II)1			KMHR	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 22L			KMHR	SACRAMENTO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/23/2022

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.

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: SACRAMENTO VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 382637.46N/1213305.95W 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	SACRAMENTO	SAC	VORTAC	H						45000

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	S	SAC	VORTAC	196.01	016.01	R	1	1500 6000	4 5
2	SW		WP	228.99	048.99	R	4	3000 6000	5 6
3	S	SAC	VORTAC	196.01	016.01	R	1	3100 6000	12 13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	382000.00N/1213418.00W	355	4E
2	200	AAO	382000.00N/1213418.00W	355	4E
3	310	TOWER (06-001883)	381424.00N/1213007.00W	2051	3D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	TAKEOFF MINIMUMS	O88	RIO VISTA	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 17E (1980).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHICO			KCIC	CHICO	CA (US)
DP	BUCHANAN			KCCR	CONCORD	CA (US)
DP	TAKEOFF MINIMUMS			KEDU	DAVIS	CA (US)
DP	LIVERMORE (OBSTACLE)			KLVK	LIVERMORE	CA (US)
DP	MERLOT			KAPC	NAPA	CA (US)
DP	OZIEE (RNAV)			KAPC	NAPA	CA (US)
DP	NIMITZ			KOAK	OAKLAND	CA (US)
DP	OAKLAND			KOAK	OAKLAND	CA (US)
DP	SALAD			KOAK	OAKLAND	CA (US)
DP	SILENT			KOAK	OAKLAND	CA (US)
DP	SHASTA			KRDD	REDDING	CA (US)
DP	TAKEOFF MINIMUMS		3	O88	RIO VISTA	CA (US)
DP	TAKEOFF MINIMUMS			KMHR	SACRAMENTO	CA (US)
DP	SAN FRANCISCO			KSFO	SAN FRANCISCO	CA (US)
DP	SUNOL			KSJC	SAN JOSE	CA (US)
DP	CHARLIE			KSTS	SANTA ROSA	CA (US)
DP	SOKOY			KVCB	VACAVILLE	CA (US)
DP	TAKEOFF MINIMUMS			KVCB	VACAVILLE	CA (US)
DP	TAKEOFF MINIMUMS			O41	WOODLAND	CA (US)
EN ROUTE	J126					(US)
EN ROUTE	J32					(US)
EN ROUTE	J65					(US)
EN ROUTE	V150					(US)
EN ROUTE	V23					(US)
EN ROUTE	V334					(US)
EN ROUTE	V392					(US)
EN ROUTE	V494					(US)
EN ROUTE	V6					(US)
IAP	LDA RWY 19R			KCCR	CONCORD	CA (US)
IAP	VOR RWY 19R			KCCR	CONCORD	CA (US)
IAP	RNAV (GPS) RWY 17			KEDU	DAVIS	CA (US)
IAP	ILS OR LOC RWY 15			KLHM	LINCOLN	CA (US)
IAP	ILS OR LOC RWY 14			KMYV	MARYSVILLE	CA (US)
IAP	ILS OR LOC RWY 16			KMCC	SACRAMENTO	CA (US)
IAP	VOR/DME RWY 34			KMCC	SACRAMENTO	CA (US)
IAP	ILS Y OR LOC Y RWY 22L			KMHR	SACRAMENTO	CA (US)
IAP	ILS Z OR LOC Z RWY 22L			KMHR	SACRAMENTO	CA (US)
IAP	ILS Z RWY 22L (SA CAT I - II)			KMHR	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 22L		2	KMHR	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 22R		2	KMHR	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 4R			KMHR	SACRAMENTO	CA (US)
IAP	ILS OR LOC RWY 2		1	KSAC	SACRAMENTO	CA (US)

IAP	VOR RWY 2	1	KSAC	SACRAMENTO	CA (US)
IAP	ILS OR LOC RWY 17L	1	KSMF	SACRAMENTO	CA (US)
IAP	ILS OR LOC RWY 17R		KSMF	SACRAMENTO	CA (US)
IAP	ILS OR LOC RWY 35L		KSMF	SACRAMENTO	CA (US)
IAP	ILS RWY 17L (SA CAT II)	1	KSMF	SACRAMENTO	CA (US)
IAP	ILS RWY 17R (CAT II - III)		KSMF	SACRAMENTO	CA (US)
IAP	ILS RWY 17R (SA CAT I)		KSMF	SACRAMENTO	CA (US)
IAP	RNAV (GPS) RWY 20		KVCB	VACAVILLE	CA (US)
IAP	VOR-A		KVCB	VACAVILLE	CA (US)
IAP	ILS OR LOC OR RNAV (GPS) RWY 21L	1	KSUU	fairfield	CA (US)
IAP	ILS RWY 21L (CAT II)	1	KSUU	fairfield	CA (US)
IAP	ILS Z OR LOC Z RWY 21L	1	KSUU	fairfield	CA (US)
IAP	ILS Z RWY 21L (CAT II)	1	KSUU	fairfield	CA (US)
STAR	SQUAW VALLEY		KSUU	FAIRFIELD	CA (US)
STAR	POINT REYES		KNUQ	MOUNTAIN VIEW	CA (US)
STAR	POINT REYES		KPAO	PALO ALTO	CA (US)
STAR	CONCORD		KSMF	SACRAMENTO	CA (US)
STAR	TUDOR		KSMF	SACRAMENTO	CA (US)
STAR	POINT REYES		KSQL	SAN CARLOS	CA (US)
STAR	POINT REYES		KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES		KRHV	SAN JOSE	CA (US)
STAR	POINT REYES		KSJC	SAN JOSE	CA (US)
STAR	SIERRA		KRNO	RENO	NV (US)
STAR	TARVR		KRNO	RENO	NV (US)

REQUIRED CHARTING: SECTIONAL, VFR TERMINAL AREA, DP, STAR, MILITARY IAP, MILITARY STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 43

DATE OF REVISION: 02/23/2023

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 SECTIONAL AND VFR TERMINAL AREA TO REQUIRED CHARTING.

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: