

RADIO FIX AND HOLDING DATA RECORD

NAME: BENET

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333549.28N/1185030.60W

TYPE: WP, 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	SANTA CATALINA	SXC	VORTAC	VL	287.24	302.24	25.00	25.00		11000	37000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SXC	VORTAC	R-287	25	18000	37000

FIX RESTRICTIONS:

HIGH ALTITUDE ATC COORDINATION WP FOR SUA AVOIDANCE
CHART WAYPOINT ONLY ON HIGH ENROUTE.

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	W	SXC	VORTAC	287.24	107.24	R		10	11000	17000	10	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	SHIP ON WATER	334002.00N/1190101.00W	208	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W-289 AND W-290 (PAT 1).

REMARKS:

SANTA CATALINA (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	COAST	1		KOAK	OAKLAND	CA (US)
STAR	LEENA	1	1	KLAX	LOS ANGELES	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. CHANGED ESV SXC VORTAC R-287 MIN ALTITUDE FROM 11000 TO 18000 AND MAX ALTITUDE FROM 45000 TO 37000.
2. DELETED FIX USE DP OFFSHORE AT KSFO.
3. CHANGED FIX MAKE-UP FACILITIES FAC 1 SXC VORTAC CLASS FROM L TO VL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICHAEL MCCARTNEY

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Feb 14, 2024

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BIG SUR VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 361052.66N/1213831.60W 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	BIG SUR	BSR	VORTAC	L							17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	BSR	VORTAC	141.00	321.00	L	1		7400	17500	8	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	360302.80N/1212947.20W	5355	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	375

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 16E/1980.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TORO			KMRY	MONTEREY	CA (US)
DP	COAST			KOAK	OAKLAND	CA (US)
DP	NUEVO			KOAK	OAKLAND	CA (US)
DP	CHALONE			KSNS	SALINAS	CA (US)
DP	CREPE			KSBP	SAN LUIS OBISPO	CA (US)
EN ROUTE	J501					(US)
EN ROUTE	V111					(US)
EN ROUTE	V27					(US)
IAP	HI-LOC Z RWY 11L			KFAT	FRESNO	CA (US)
STAR	LEENA			KLAX	LOS ANGELES	CA (US)
STAR	BIG SUR		1	KSFO	SAN FRANCISCO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

1. DELETED FIX USE DP OFFSHORE AT KSFO.
2. DELETED FIX USE DP MONTEREY AT KMRY.
3. ADDED REMARK ASSIGNED FACILITY MAGVAR: 16E/1980.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICHAEL MCCARTNEY

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Dec 07, 2023

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DAISY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341534.17N/1200752.53W

TYPE: WP, 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	BIG SUR	BSR	VORTAC	L	130.73	146.73	137.00	137.00		18000	37000
2	SANTA CATALINA	SXC	VORTAC	VL	287.24	302.24	100.62	100.62		11000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BSR	VORTAC	R-131	137	18000	37000
SXC	VORTAC	R-287	101	11000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BIG SUR (FAC 1) USED TO ESTABLISH FIX COORDINATES.
HIGH ALTITUDE ATC COORDINATION WP FOR SUA AVOIDANCE.
ATC REQUESTS CHARTING ENROUTE LOW AND HIGH.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	COAST	1, 2		KOAK	OAKLAND	CA (US)
STAR	LEENA	1, 2		KLAX	LOS ANGELES	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. CHANGED FIX MAKE-UP FACILITIES FAC 1 BSR VORTAC MRA FROM 22000 TO 18000.
2. CHANGED FIX MAKE-UP FACILITIES FAC 2 SXC VORTAC CLASS FROM L TO VL, MRA FROM 22000 TO 11000 AND MAA FROM 37000 TO 45000.
3. DELETED FIX USE DP OFFSHORE AT KSFO.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICHAEL MCCARTNEY

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON

Feb 14, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: MCKEY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 352859.14N/1210459.30W

TYPE: WP, 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	MORRO BAY	MQO	VORTAC	VL	295.15	311.15	21.06	21.06		22000	45000
2	BIG SUR	BSR	VORTAC	L	130.73	146.73	49.93	49.93		22000	37000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MQO	VORTAC	R-295	22	22000	45000
BSR	VORTAC	R-131	50	22000	37000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MORRO BAY (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DARRK (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	KYLOW (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SUMMR (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	COAST	1, 2		KOAK	OAKLAND	CA (US)
STAR	LEENA	1, 2		KLAX	LOS ANGELES	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. CHANGED FIX MAKE-UP FACILITIES FAC 1 MQO VORTAC CLASS FROM L TO VL.
2. DELETED FIX USE DP OFFSHORE AT KSFO.
3. ADDED FIX USE DP KYLOW (RNAV) AT KLAX.
4. DELETED REQUIRED CHARTING IAP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICHAEL MCCARTNEY

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 14, 2024

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OAKLAND VOR/DME STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 374333.33N/1221324.93W 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	OAKLAND	OAK	VOR/DME	VH							45000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW	OAK	VOR/DME	300.00	120.00	R	1		2000	4000	4	4
2	NW		WP	302.00	122.00	R		4	2000	4000	4	5
3	NW	OAK	VOR/DME	319.00	139.00	R	1		4000	6000	8	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	BLDG (06-038966)	374723.22N/1222350.61W	1090	5E
2	200	BLDG (06-038966)	374723.22N/1222350.61W	1090	5E
3	265	AAO	375300.00N/1221321.00W	2107	4E

HOLDING RESTRICTIONS:

PRIOR COORDINATION REQUIRED WITH ZOA WHEN HOLDING ABOVE FL370 DUE TO W513 AND W285 A & B.
HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
(PAT 1 AND 2) CONTROLLING OBSTACLE LOCATED 11586.67 FT. INTO SECONDARY.
PAT 2 MAG COURSE BASED ON KHWD 15E MAGVAR.
ASSIGNED FACILITY MAGVAR: 17E (1975).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BUCHANAN			KCCR	CONCORD	CA (US)
DP	LIVERMORE (OBSTACLE)			KLVK	LIVERMORE	CA (US)
DP	LIZRD			KAPC	NAPA	CA (US)
DP	MERLOT			KAPC	NAPA	CA (US)
DP	COAST			KOAK	OAKLAND	CA (US)
DP	NUEVO			KOAK	OAKLAND	CA (US)
DP	OAKLAND			KOAK	OAKLAND	CA (US)
DP	QUAKE			KOAK	OAKLAND	CA (US)
DP	SALAD			KOAK	OAKLAND	CA (US)
DP	SILENT			KOAK	OAKLAND	CA (US)
DP	SKYLINE			KOAK	OAKLAND	CA (US)
DP	GAP			KSFO	SAN FRANCISCO	CA (US)
DP	SAN FRANCISCO			KSFO	SAN FRANCISCO	CA (US)
DP	SAN JOSE			KSJC	SAN JOSE	CA (US)
DP	SUNOL			KSJC	SAN JOSE	CA (US)
DP	TAKE OFF MINIMUMS			KSJC	SAN JOSE	CA (US)
DP	CHARLIE			KSTS	SANTA ROSA	CA (US)
EN ROUTE	J1					(US)
EN ROUTE	J3					(US)
EN ROUTE	J32					(US)
EN ROUTE	J84					(US)
EN ROUTE	T298					(US)
EN ROUTE	V107					(US)
EN ROUTE	V195					(US)
EN ROUTE	V244					(US)
EN ROUTE	V28					(US)
EN ROUTE	V301					(US)
EN ROUTE	V392					(US)
EN ROUTE	V6					(US)
IAP	HI-LOC Z RWY 11L			KFAT	FRESNO	CA (US)
IAP	LOC/DME RWY 28L		1	KHWD	HAYWARD	CA (US)
IAP	RNAV (GPS) RWY 28L		2	KHWD	HAYWARD	CA (US)
IAP	ILS RWY 25R			KLVK	LIVERMORE	CA (US)
IAP	LOC RWY 25R			KLVK	LIVERMORE	CA (US)
IAP	ILS OR LOC RWY 32R		3	KNUQ	MOUNTAIN VIEW	CA (US)
IAP	LOC RWY 14L			KNUQ	MOUNTAIN VIEW	CA (US)
IAP	RNAV (GPS) RWY 14L			KNUQ	MOUNTAIN VIEW	CA (US)
IAP	RNAV (GPS) RWY 14R			KNUQ	MOUNTAIN VIEW	CA (US)
IAP	ILS OR LOC RWY 12			KOAK	OAKLAND	CA (US)
IAP	ILS OR LOC RWY 30		1	KOAK	OAKLAND	CA (US)
IAP	ILS OR LOC/DME RWY 28R			KOAK	OAKLAND	CA (US)
IAP	ILS RWY 12 (SA CAT I)			KOAK	OAKLAND	CA (US)
IAP	ILS RWY 30 (CAT II & III)		1	KOAK	OAKLAND	CA (US)
IAP	ILS RWY 30 (SA CAT I)		1	KOAK	OAKLAND	CA (US)



IAP	VOR RWY 10R		KOAK	OAKLAND	CA (US)
IAP	ILS OR LOC RWY 19L		KSFO	SAN FRANCISCO	CA (US)
IAP	ILS OR LOC RWY 28R		KSFO	SAN FRANCISCO	CA (US)
IAP	ILS RWY 28R (CAT II & III)		KSFO	SAN FRANCISCO	CA (US)
IAP	ILS RWY 28R (SA CAT I)		KSFO	SAN FRANCISCO	CA (US)
IAP	QUIET BRIDGE VISUAL RWYS 28L/R		KSFO	SAN FRANCISCO	CA (US)
IAP	ILS OR LOC RWY 30L	1	KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT I & II)	1	KSJC	SAN JOSE	CA (US)
STAR	PANOCHÉ		KHWD	HAYWARD	CA (US)
STAR	VNYRD (RNAV)		KHES	HEALDSBURG	CA (US)
STAR	POINT REYES		KNUQ	MOUNTAIN VIEW	CA (US)
STAR	VNYRD (RNAV)		KAPC	NAPA	CA (US)
STAR	VNYRD (RNAV)		KDVO	NOVATO	CA (US)
STAR	PANOCHÉ		KOAK	OAKLAND	CA (US)
STAR	POINT REYES		KPAO	PALO ALTO	CA (US)
STAR	VNYRD (RNAV)		O69	PETALUMA	CA (US)
STAR	POINT REYES		KSQL	SAN CARLOS	CA (US)
STAR	BIG SUR		KSFO	SAN FRANCISCO	CA (US)
STAR	MODESTO		KSFO	SAN FRANCISCO	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	VNYRD (RNAV)		KSTS	SANTA ROSA	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: 40

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. DELETED HOLDING PAT 3, ASSOCIATED DATA AND REMARK.
2. DELETED FIX USE DP OFFSHORE AND IAP RNAV (GPS) X RWY 28R AT KSFO.
3. DELETED FIX USE STAR REBAS (RNAV) AT KAPC, KSTS, KHES, KDVO AND O69.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICHAEL MCCARTNEY

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Feb 14, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: POINT REYES VOR/DME STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 380447.12N/1225204.18W 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	POINT REYES	PYE	VOR/DME	VH							45000

FIX RESTRICTIONS:

MCA V25 8200 NORTHBOUND

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	NW	PYE	VOR/DME	324.98	144.98	R	1		4000	45000	4	29
2	S	PYE	VOR/DME	190.37	010.37	R	1		4000	10000	4	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	380224.00N/1224924.00W	1670	4E
2	200	AAO	380224.00N/1224924.00W	1670	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BUCHANAN			KCCR	CONCORD	CA (US)
DP	LIZRD			KAPC	NAPA	CA (US)
DP	MERLOT			KAPC	NAPA	CA (US)
DP	OZIEE (RNAV)			KAPC	NAPA	CA (US)
DP	COAST			KOAK	OAKLAND	CA (US)
DP	NIMITZ			KOAK	OAKLAND	CA (US)
DP	NUEVO			KOAK	OAKLAND	CA (US)
DP	SKYLINE			KOAK	OAKLAND	CA (US)
DP	MOLEN			KSFO	SAN FRANCISCO	CA (US)
DP	CHARLIE			KSTS	SANTA ROSA	CA (US)
EN ROUTE	J143					(US)
EN ROUTE	J501					(US)
EN ROUTE	J88					(US)
EN ROUTE	Q1					(US)
EN ROUTE	Q3					(US)
EN ROUTE	T257					(US)
EN ROUTE	V107					(US)
EN ROUTE	V25					(US)
EN ROUTE	V27					(US)
EN ROUTE	V301					(US)
IAP	RNAV (GPS) RWY 6			KAPC	NAPA	CA (US)
IAP	VOR RWY 6			KAPC	NAPA	CA (US)
IAP	VOR RWY 29			O69	PETALUMA	CA (US)
IAP	ILS OR LOC RWY 32			KSTS	SANTA ROSA	CA (US)
IAP	ILS OR LOC RWY 32 ALTERNATE		2	KSTS	SANTA ROSA	CA (US)
	MISS					
IAP	RNAV (GPS) RWY 2			KSTS	SANTA ROSA	CA (US)
IAP	RNAV (GPS) RWY 32			KSTS	SANTA ROSA	CA (US)
STAR	POINT REYES		1	KNUQ	MOUNTAIN VIEW	CA (US)
STAR	POINT REYES		1	KPAO	PALO ALTO	CA (US)
STAR	POINT REYES		1	KSQL	SAN CARLOS	CA (US)
STAR	POINT REYES		1	KSFO	SAN FRANCISCO	CA (US)
STAR	STINS		1	KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES		1	KRHV	SAN JOSE	CA (US)
STAR	BRINY		1	KSJC	SAN JOSE	CA (US)
STAR	POINT REYES		1	KSJC	SAN JOSE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 26

DATE OF REVISION: 03/21/2024

QUALITY
20
CHECKED

REASON FOR REVISION:

1. DELETED FIX USE DP OFFSHORE AT KSFO.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

NAME: MICHAEL MCCARTNEY**APPROVED BY:****DATE:** 03/21/2024**OFFICE:** AJV-A431**NAME:** ERIC N SUSKI**SIGNATURE:**

Digitally signed by
ROBERT G HAMILTON
Dec 07, 2023

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SALINAS VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 363949.81N/1213611.46W 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	SALINAS	SNS	VORTAC	VH							45000

FIX RESTRICTIONS:

MCA V230 6000 EASTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	SNS	VORTAC	264.00	084.00	L	1		5000 17500	5 16
2	NW	SNS	VORTAC	293.00	113.00	L	1		5000 17500	5 16
3	W		WP	264.00	084.00	L		5	5000 6000	6 6
4	NE		WP	034.12	214.12	R		5	4900 6000	6 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	364109.00N/1212806.00W	3101	4E
1	310	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D
2	200	AAO	364109.00N/1212806.00W	3101	4E
2	310	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D
3	200	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D
3	310	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D
4	200	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	169
1	200	93
2	310	180
3	200	121
3	310	170
4	200	191

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
 PAT 2 ATC REQUEST
 PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KOAR	MARINA	CA (US)
1	TAKEOFF MINIMUMS	KMRY	MONTEREY	CA (US)
1	ILS OR LOC RWY 10R	KMRY	MONTEREY	CA (US)
2	WATSONVILLE (OBSTACLE)	KWVI	WATSONVILLE	CA (US)
2	LOC RWY 2	KWVI	WATSONVILLE	CA (US)
2	VOR-A	KWVI	WATSONVILLE	CA (US)
3	RNAV (GPS) Y RWY 28L	KMRY	MONTEREY	CA (US)
3	RNAV (GPS) RWY 10R	KMRY	MONTEREY	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
 PAT 1 AND 2 - CONTROLLING OBSTACLE LOCATED 8802.35 FT INTO SECONDARY.
 PAT 3 - CONTROLLING OBSTACLE LOCATED 8627.84 FT INTO SECONDARY.
 SALINAS (SNS) VTAC ASSIGNED MAG VAR: 1965/E17.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		1	KOAR	MARINA	CA (US)
DP	MONTEREY			KMRY	MONTEREY	CA (US)
DP	TAKEOFF MINIMUMS		1	KMRY	MONTEREY	CA (US)
DP	TORO			KMRY	MONTEREY	CA (US)
DP	HOOKS			KNUQ	MOUNTAIN VIEW	CA (US)
DP	COAST			KOAK	OAKLAND	CA (US)
DP	NEUVO			KOAK	OAKLAND	CA (US)
DP	CHALONE			KSNS	SALINAS	CA (US)
DP	SALINAS			KSNS	SALINAS	CA (US)
DP	TAKEOFF MINIMUMS			KSNS	SALINAS	CA (US)



DP	SAN JOSE		KSJC	SAN JOSE	CA (US)
DP	TAKEOFF MINIMUMS		E16	SAN MARTIN	CA (US)
DP	GARLK		KWVI	WATSONVILLE	CA (US)
DP	WATSONVILLE (OBSTACLE)	2	KWVI	WATSONVILLE	CA (US)
EN ROUTE	J126				(US)
EN ROUTE	J6				(US)
EN ROUTE	J88				(US)
EN ROUTE	T259				(US)
EN ROUTE	T261				(US)
EN ROUTE	V111				(US)
EN ROUTE	V230				(US)
EN ROUTE	V248				(US)
EN ROUTE	V25				(US)
EN ROUTE	V87				(US)
IAP	HI-LOC Z RWY 11L		KFAT	FRESNO	CA (US)
IAP	ILS OR LOC RWY 10R	1	KMRY	MONTEREY	CA (US)
IAP	LOC RWY 28L	1	KMRY	MONTEREY	CA (US)
IAP	RNAV (GPS) RWY 10R	3	KMRY	MONTEREY	CA (US)
IAP	RNAV (GPS) Y RWY 28L	3	KMRY	MONTEREY	CA (US)
IAP	RNAV (RNP) Z RWY 28L	4	KMRY	MONTEREY	CA (US)
IAP	ILS RWY 31		KSNS	SALINAS	CA (US)
IAP	LOC RWY 31		KSNS	SALINAS	CA (US)
IAP	VOR RWY 13		KSNS	SALINAS	CA (US)
IAP	ILS OR LOC RWY 12R		KSJC	SAN JOSE	CA (US)
IAP	RNAV (GPS) RWY 32		E16	SAN MARTIN	CA (US)
IAP	LOC RWY 2	2	KWVI	WATSONVILLE	CA (US)
IAP	RNAV (GPS) RWY 2		KWVI	WATSONVILLE	CA (US)
IAP	VOR-A	2	KWVI	WATSONVILLE	CA (US)
STAR	BIG SUR		KSFO	SAN FRANCISCO	CA (US)
STAR	ROBIE		KSJC	SAN JOSE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 32

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. DELETED FIX USE DP OFFSHORE AT KSFO.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICHAEL MCCARTNEY

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Feb 14, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: SAN FRANCISCO VOR/DME STATE: CA COUNTRY: US ICAO REGION CODE: K2
LATITUDE/LONGITUDE: 373710.15N/1222226.02W 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 FEET	MRA	MAA
1	SAN FRANCISCO	SFO	VOR/DME	VL						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	W	SFO	VOR/DME	287.00	107.00	R	1	4000 14500	6 15
2	W		WP	289.00	109.00	R	4	4000 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	373345.00N/1222851.00W	2077	4E
2	200	AAO	373439.00N/1222636.00W	1601	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.
HOLDING PATTERN 1 AND 2 USED BY ATC, DO NOT CHART.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR E17/1975.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SILENT			KOAK	OAKLAND	CA (US)
DP	GAP			KSFO	SAN FRANCISCO	CA (US)
DP	MOLEN			KSFO	SAN FRANCISCO	CA (US)
DP	SAN FRANCISCO			KSFO	SAN FRANCISCO	CA (US)
DP	TAKE OFF MINS			KSFO	SAN FRANCISCO	CA (US)
EN ROUTE	V150					(US)
EN ROUTE	V199					(US)
EN ROUTE	V25					(US)
EN ROUTE	V87					(US)
IAP	ILS OR LOC RWY 12			KOAK	OAKLAND	CA (US)
IAP	ILS RWY 12 (SA CAT I)			KOAK	OAKLAND	CA (US)
IAP	VOR RWY 10R			KOAK	OAKLAND	CA (US)
IAP	ILS OR LOC RWY 19L			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS OR LOC RWY 28L			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS OR LOC RWY 28R			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS RWY 28L (SA CAT II)			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS RWY 28R (CAT II/III)			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS RWY 28R (SA CAT I)			KSFO	SAN FRANCISCO	CA (US)
IAP	QUIET BRIDGE VISUAL RWY 28L/R			KSFO	SAN FRANCISCO	CA (US)
IAP	TIPP TOE VISUAL RWY 28L/R			KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES			KNUQ	MOUNTAIN VIEW	CA (US)
STAR	POINT REYES			KPAO	PALO ALTO	CA (US)
STAR	POINT REYES			KSQL	SAN CARLOS	CA (US)
STAR	MODESTO			KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES			KSFO	SAN FRANCISCO	CA (US)
STAR	STINS			KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES			KRHV	SAN JOSE	CA (US)
STAR	POINT REYES			KSJC	SAN JOSE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

1. CHANGED FIX MAKE-UP FACILITIES FAC 1 SFO VOR/DME CLASS FROM L TO VL.
2. CHANGED HOLDING PAT 1 LEG TIME FROM "1-1 1/2" TO "1".
3. DELETED FIX USE DP OFFHSORE AND STAR RISTI (RNAV) AT KSFO.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: MICHAEL MCCARTNEY

QUALITY
20
CHECKED

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Dec 07, 2023

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SAN MARCUS VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 343034.32N/1194615.56W 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	SAN MARCUS	RZS	VORTAC	VH						45000

FIX RESTRICTIONS:

MCA V25 7600 NORTHWEST BOUND
 MCA V183 7500 NORTHBOUND

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	E	RZS	VORTAC	109.18	289.18	R	1 7400	17500	8 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	343651.00N/1194324.00W	4902	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	380

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PATTERN 1 REQUESTED BY ATC.
 RZS VORTAC MAG VAR: 1985/E14.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	OILDALE			KBFL	BAKERSFIELD	CA (US)
DP	CHATY			KLAX	LOS ANGELES	CA (US)
DP	MUELR (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	PERCH			KLAX	LOS ANGELES	CA (US)
DP	VENTURA			KLAX	LOS ANGELES	CA (US)
DP	COAST			KOAK	OAKLAND	CA (US)
DP	SAN MARCUS			KNTD	OXNARD	CA (US)
DP	SKIFF			KOXR	OXNARD	CA (US)
DP	TINNY			KNKX	SAN DIEGO	CA (US)
DP	WYNNR			KSBP	SAN LUIS OBISPO	CA (US)
DP	CHANNEL			KSNA	SANTA ANA	CA (US)
DP	IRVINE			KSNA	SANTA ANA	CA (US)
DP	FLOUT			KSBA	SANTA BARBARA	CA (US)
DP	GAUCH (RNAV)			KSBA	SANTA BARBARA	CA (US)
DP	HABUT			KSBA	SANTA BARBARA	CA (US)
DP	KWANG			KSBA	SANTA BARBARA	CA (US)
DP	SANTA BARBARA			KSBA	SANTA BARBARA	CA (US)
DP	TAKEOFF MINIMUMS			KSBA	SANTA BARBARA	CA (US)
DP	BUELT			KSMX	SANTA MARIA	CA (US)
EN ROUTE	J126					(US)
EN ROUTE	J501					(US)
EN ROUTE	J88					(US)
EN ROUTE	T257					(US)
EN ROUTE	V12					(US)
EN ROUTE	V183					(US)
EN ROUTE	V186					(US)
EN ROUTE	V25					(US)
EN ROUTE	V386					(US)
EN ROUTE	V597					(US)
IAP	HI-TACAN Z RWY 21			KNTD	OXNARD	CA (US)
IAP	TACAN RWY 21			KNTD	OXNARD	CA (US)
IAP	RNAV (GPS) RWY 7			KOXR	OXNARD	CA (US)
IAP	VOR RWY 25			KOXR	OXNARD	CA (US)
IAP	HI-TACAN Z RWY 24			KNUC	SAN CLEMENTE ISLAND	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	LOC/DME BC-A			KSMX	SANTA MARIA	CA (US)
IAP	RNAV (GPS)-A			KIZA	SANTA YNEZ	CA (US)
IAP	VOR RWY 8			KIZA	SANTA YNEZ	CA (US)
STAR	FERNANDO			KBUR	BURBANK	CA (US)
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: 19 **DATE OF REVISION:** 07/11/2024

REASON FOR REVISION:
1. DELETED FIX USE DP OFFSHORE AT KSFO.

05/23/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/10/23.
1. ADDED THE APPROVED BY NAME.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: MICHAEL MCCARTNEY
APPROVED BY:	DATE: 07/11/2024	OFFICE: AJV-A431	NAME: ERIC N SUSKI
	SIGNATURE:		<i>Digitally signed by</i> ERIC N SUSKI May 23, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: SANTA CATALINA VORTAC

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 332230.20N/1182511.68W

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	SANTA CATALINA	SXC	VORTAC	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	N	SXC	VORTAC	340.00	160.00	R	1	4000 17000	4 16
2	E	SXC	VORTAC	084.35	264.35	R	1	4000 17000	4 16
3	S	SXC	VORTAC	195.00	015.00	L	1	3400 6000	4 5
4	W	SXC	VORTAC	287.00	107.00	L	10	4000 14000	4 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	332226.50N/1182502.90W	2350	6A
2	200	AAO	332226.50N/1182502.90W	2350	6A
3	200	AAO	332226.50N/1182502.90W	2350	6A
4	200	AAO	332226.50N/1182502.90W	2350	6A

REASON FOR NONSTANDARD HOLDING:

PAT 3 GREATEST AVOIDANCE OF W-291

PAT 4 GREATEST AVOIDANCE OF W-291

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

SXC VORTAC MAG VAR: 1965/E15.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			KCRQ	CARLSBAD	CA (US)
DP	CATALINA			KLAX	LOS ANGELES	CA (US)
DP	LAXX			KLAX	LOS ANGELES	CA (US)
DP	COAST			KOAK	OAKLAND	CA (US)
DP	RAJEE (RNAV)			KONT	ONTARIO	CA (US)
DP	DOYLE			KNTD	OXNARD	CA (US)
DP	JADKO (RNAV)			KSBD	SAN BERNARDINO	CA (US)
DP	PADRZ (RNAV)			KMYF	SAN DIEGO	CA (US)
DP	VITKO			KNKX	SAN DIEGO	CA (US)
DP	FALCC			KSAN	SAN DIEGO	CA (US)
DP	MMOTO (RNAV)			KSAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSAN	SAN DIEGO	CA (US)
DP	PEBLE			KSAN	SAN DIEGO	CA (US)
DP	CHANNEL			KSNA	SANTA ANA	CA (US)
DP	EL TORO			KSNA	SANTA ANA	CA (US)
DP	IRVINE			KSNA	SANTA ANA	CA (US)
DP	MUSEL			KSNA	SANTA ANA	CA (US)
DP	SANTA BARBARA			KSBA	SANTA BARBARA	CA (US)
EN ROUTE	T261					(US)
EN ROUTE	V208					(US)
EN ROUTE	V21					(US)
EN ROUTE	V27					(US)
EN ROUTE	V458					(US)
IAP	VOR OR GPS-A		3	KAVX	AVALON	CA (US)
IAP	VOR/DME OR GPS-B		3	KAVX	AVALON	CA (US)
IAP	TACAN Y OR VOR/DME RWY 3			KNTD	OXNARD	CA (US)
STAR	TANDY			KLGB	LONG BEACH	CA (US)
STAR	LEENA		4	KLAX	LOS ANGELES	CA (US)
STAR	OCEAN			KLAX	LOS ANGELES	CA (US)
STAR	COMIX (RNAV)			KSAN	SAN DIEGO	CA (US)
STAR	HUBRD			KSAN	SAN DIEGO	CA (US)
STAR	TANDY			KSNA	SANTA ANA	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: 17

DATE OF REVISION: 07/11/2024



REASON FOR REVISION:

1. DELETED FIX USE DP OFFSHORE AT KSFO.
2. ADDED FIX USE DP MISHN (RNAV) AT KSBA.

05/23/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/10/23.

1. DELETED FIX USE DP MISHN (RNAV) AT KSBA.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

NAME: MICHAEL MCCARTNEY**APPROVED BY:****DATE:** 07/11/2024**OFFICE:** AJV-A431**NAME:** ERIC N SUSKI**SIGNATURE:***Digitally signed by****ERIC N SUSKI***

May 23, 2024

