

RADIO FIX AND HOLDING DATA RECORD

NAME: BORED STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 371834.16N/1212748.06W TYPE: WP, 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	MRA	MAA
1	PANOCHÉ	PXN	VORTAC	L	301.46	317.46	48.47	48.47	6500	31000
2	MODESTO	MOD	VOR/DME	H	214.88	231.88		30.76	6500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PXN	VORTAC	R-301	49	6500	31000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PANOCHÉ (FAC 1) AND MODESTO (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T333					(US)
EN ROUTE	V301	1, 2				(US)
IAP	ILS OR LOC RWY 30L			KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT I)			KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT II)			KSJC	SAN JOSE	CA (US)
IAP	RNAV (GPS) Y RWY 30L			KSJC	SAN JOSE	CA (US)
IAP	RNAV (GPS) Y RWY 30R			KSJC	SAN JOSE	CA (US)
STAR	PANOCHÉ	1, 2		KHWD	HAYWARD	CA (US)
STAR	PANOCHÉ	1, 2		KOAK	OAKLAND	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 DATE OF REVISION: 07/16/2020

REASON FOR REVISION:

CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

03/27/2020: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/24/2020.

FIX USE UPDATE: ADDED ILS OR LOC RWY 30L, ILS RWY 30L (SA CAT I) AND ILS RWY 30L (SA CAT II) AT KSJC TO FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: KWEKU DONKOR
 APPROVED BY: DATE: OFFICE: AJV-A430 NAME: GEORGE DAVIS

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: GILRO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 370246.62N/1213406.76W

TYPE: WP, 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	MRA	MAA
1	SAN JOSE	SJC	VOR/DME	L	121.40	137.40	26.69	26.69	4000	17500
2	SALINAS	SNS	VORTAC	H	347.15	004.15		22.98	4000	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	SE	SJC	VOR/DME	121.40	301.40	L	1		4000	17500	5	17
2	SE		WP	121.40	301.40	L		5	5000	14000	6	11
3	NW		WP	304.54	124.54	L		5	4600	6000	6	6
4	SE		WP	124.40	304.40	L		4	4000	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	370609.00N/1213100.00W	2389	4E
2	200	AAO	370624.00N/1213130.00W	2569	4E
3	200	AAO	370703.20N/1213047.10W	3000	6A
4	200	AAO	370545.00N/1213112.00W	2326	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	220
2	200	210
3	200	300
4	200	220

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST
PAT 3 ATC REQUEST
PAT 4 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

SAN JOSE (FAC 1) AND SALINAS (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS			KE16	SAN MARTIN	CA (US)
EN ROUTE	T333					(US)
IAP	RNAV (GPS) RWY 13L		2	KRHV	SAN JOSE	CA (US)
IAP	RNAV (GPS) Y RWY 31R			KRHV	SAN JOSE	CA (US)
IAP	RNAV (GPS) Z RWY 31R			KRHV	SAN JOSE	CA (US)
IAP	ILS OR LOC RWY 12R	1, 2	1	KSJC	SAN JOSE	CA (US)
IAP	RNAV (GPS) Y RWY 12L		4	KSJC	SAN JOSE	CA (US)
IAP	RNAV (GPS) Y RWY 12R		3	KSJC	SAN JOSE	CA (US)
IAP	RNAV (RNP) Z RWY 12L		3	KSJC	SAN JOSE	CA (US)
IAP	RNAV (RNP) Z RWY 12R		3	KSJC	SAN JOSE	CA (US)
STAR	ROBIE	1, 2	1	KSJC	SAN JOSE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 07/16/2020

REASON FOR REVISION:

CHANGED PAT 1 LEG TIME FROM 1-1 1/2 TO 1.
CHANGED PAT 2 LEG LENGTH FROM 4 TO 5.
CHANGED PAT 2 CONTROLLER FROM 2389 AAO 370609.00N/1213100.00W TO 2569 AAO 370624.00N/1213130.00W.
CHANGED PAT 2 PRECIPITOUS TERRAIN ADDITION FROM 220 TO 210.
REMOVED V485 AND KSJC RNAV (GPS) RWY 30L FROM FIX USE.
ADDED T333 TO FIX USE.
CHANGED KSJC ILS OR LOC/DME RWY 12R TO ILS OR LOC RWY 12R IN FIX USE.
REMOVED KSJC ILS OR LOC/DME RWY 30L, ILS RWY 30L (SA CAT I), AND ILS RWY 30L (SA CAT II) FROM FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A422	NAME: ANTHONY CAPPABIANCO
APPROVED BY:	DATE:	OFFICE: AJV-A420	NAME: MARLON ROBINSON
	SIGNATURE:		
DISTRIBUTION:	NFDC FPO: WST ARTCC: ZOA ATC FACILITY: NORCAL, SJC ATCT OTHER:		

RADIO FIX AND HOLDING DATA RECORD

NAME: FORUL

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 371915.83N/1215303.45W

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 NM	FAC FEET	MRA	MAA
1	SAN JOSE	I-SJC	LOC/DME		125.82	138.82	4.23	4.23		900	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-SJC DME COORDINATES: 372227.56N-1215632.60W.

KSJC R30L DISPLACED THRESHOLD COORDINATES: 372122.45N/1215522.13W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 30L	1		KSJC	SAN JOSE	CA (US)
IAP	RNAV (GPS) Y RWY 30L			KSJC	SAN JOSE	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/21/2016

REASON FOR REVISION:

1. FAC 1 MAG BRG CHANGED FROM 122.82 TO 125.82.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/18/2016

OFFICE: AJV-5432

NAME: JIMMY HUGHES

APPROVED BY:

DATE: 06/14/2016

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: NORCAL
OTHER: SJC ATCT

RADIO FIX AND HOLDING DATA RECORD

NAME: HIVAK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 371514.72N/1214839.89W

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	FAC FEET	MRA	MAA
1	SAN JOSE	I-SJC	LOC/DME		125.82	138.82	9.56	9.56	58094	2700	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-SJC DME COORDINATES: 372227.56N-1215632.60W.
KSJC R30L DISPLACED THRESHOLD COORDINATES: 372122.45N/1215522.13W
COMM ALT 2300 FOR WP USE, RNAV (GPS) RWY 12R.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 30L	1		KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT 1)	1		KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT II)	1		KSJC	SAN JOSE	CA (US)
IAP	RNAV (GPS) Y RWY 12R			KSJC	SAN JOSE	CA (US)
IAP	RNAV (GPS) Y RWY 30L			KSJC	SAN JOSE	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 07/21/2016

REASON FOR REVISION:

1. FAC 1 MAG BRG CHANGED FROM 122.81 TO 125.82.
2. ADDED ILS RWY 30L (SA CAT II) TO FIX USE.
3. CHANGED FAC 1 BRG TO MATCH SJC LOC/DME AIRNAV DATA.
4. ADDED DIST FROM FAC IN FEET.

06/07/16: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/17/16.

1. CHANGED FAC 1 MAG BRG CHANGED FROM 122.81 TO 125.82.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/17/2016

OFFICE: AJV-5432

NAME: JIMMY HUGHES

APPROVED BY:

DATE: 06/14/2016

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: NORCAL
OTHER: SJC ATCT

RADIO FIX AND HOLDING DATA RECORD

NAME: JENES

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 371342.58N/1214659.39W

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 NM	FAC FEET	MRA	MAA
1	SAN JOSE	I-SJC	LOC/DME		125.82	138.82	11.60	11.60		3200	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-SJC DME COORDINATES: 372227.56N/1215632.60W

KSJC R30L DISPLACED THRESHOLD COORDINATES: 372122.45N/1215522.13W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC/DME RWY 30L	1		KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT I)	1		KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT II)	1		KSJC	SAN JOSE	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/21/2016

REASON FOR REVISION:

1. FAC 1 MAG BRG CHANGED FROM 122.82 TO 125.82.
2. ADDED ILS RWY 30L (SA CAT II) TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 02/17/2016

OFFICE: AJV-5432

NAME: JIMMY HUGHES

APPROVED BY:

DATE: 06/14/2016

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: NORCAL, SJC ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: OAKLAND VOR/DME

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 374333.32N/1221324.91W

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	H							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	SW		WP	243.00	063.00	R		4	3000	5000	5	6
4	SW	OAK	VOR/DME	240.01	060.01	R	1		3000	5000	4	5
5	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	200	AAO	374041.52N/1222520.98W	1399	2C
4	200	T-L TWR (06-000098)	374030.38N/1222427.51W	1123	1A
5	265	AAO	375300.00N/1221321.00W	2107	4E
UPN	200	AAO	374857.00N/1220348.00W	2225	4E

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 5000.

PRIOR COORDINATION REQUIRED WITH ZOA WHEN HOLDING ABOVE FL370 DUE TO W513 AND W285 A & B.

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.

PAT 3 MAG COURSE BASED ON KSFO 14E 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	SOUTHLAND			KNUQ	MOUNTAIN VIEW	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	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	OFFSHORE			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	J110					(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	VOR/DME-A		1	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		5	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 PRM RWY 28L		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	LDA PRM RWY 28R	4	KSFO	SAN FRANCISCO	CA (US)
IAP	LDA/DME RWY 28R	4	KSFO	SAN FRANCISCO	CA (US)
IAP	QUIET BRIDGE VISUAL RWYS 28L/R		KSFO	SAN FRANCISCO	CA (US)
IAP	RNAV (GPS) PRM X RWY 28R	3	KSFO	SAN FRANCISCO	CA (US)
IAP	RNAV (GPS) X RWY 28R	3	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	POINT REYES		KNUQ	MOUNTAIN VIEW	CA (US)
STAR	PANOCHÉ		KOAK	OAKLAND	CA (US)
STAR	POINT REYES		KPAO	PALO ALTO	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)

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: 32

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

1. FIX USE: ADDED KNUQ ILS OR LOC RWY 32R.
2. HOLDING: ADDED PATTERN 5.
3. CONTROLLING OBSTRUCTIONS: ADDED PAT 5.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** MIKE MELSSEN

APPROVED BY: **DATE:** 10/28/2019 **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: SAN JOSE VOR/DME

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 372228.96N/1215640.81W

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	MRA FEET	MAA
1	SAN JOSE	SJC	VOR/DME	L						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	E	SJC	VOR/DME	106.00	286.00	L	1		3000	14000	4	10
2	E		WP	106.00	286.00	L		4	3000	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	372033.00N/1214430.00W	2494	4E
2	200	AAO	372021.00N/1214418.00W	2536	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	230
2	200	230

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC
PAT 2 AIR TRAFFIC

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

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

PAT 1 OBS 2494 AAO LOCATED 8422 FT INTO SECONDARY. PRIMARY EQUIVALENT: 1509 FT

PAT 2 OBS 2536 AAO LOCATED 8977 FT INTO SECONDARY. PRIMARY EQUIVALENT: 1667 FT

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKE OFF MINIMUMS			KCVH	HOLLISTER	CA (US)
DP	MONTEREY			KMRY	MONTEREY	CA (US)
DP	TORO			KMRY	MONTEREY	CA (US)
DP	NUEVO			KOAK	OAKLAND	CA (US)
DP	TAKE OFF MINIMUMS			KPAO	PALO ALTO	CA (US)
DP	CHALONE			KSNS	SALINAS	CA (US)
DP	SALINAS			KSNS	SALINAS	CA (US)
DP	TAKE OFF MINIMUMS			KSQL	SAN CARLOS	CA (US)
DP	LOUPE			KSJC	SAN JOSE	CA (US)
DP	SAN JOSE			KSJC	SAN JOSE	CA (US)
DP	SUNOL			KSJC	SAN JOSE	CA (US)
DP	TAKE OFF MINIMUMS			KE16	SAN MARTIN	CA (US)
EN ROUTE	T259					(US)
EN ROUTE	V334					(US)
IAP	LOC/DME RWY 28L			KHWD	HAYWARD	CA (US)
IAP	RNAV (GPS) RWY 28L			KHWD	HAYWARD	CA (US)
IAP	VOR/DME-A			KHWD	HAYWARD	CA (US)
IAP	ILS OR LOC RWY 12		1	KOAK	OAKLAND	CA (US)
IAP	ILS RWY 12 (SA CAT I)		1	KOAK	OAKLAND	CA (US)
IAP	VOR RWY 10R			KOAK	OAKLAND	CA (US)
IAP	RNAV (GPS) RWY 31		2	KPAO	PALO ALTO	CA (US)
IAP	VOR RWY 31		1	KPAO	PALO ALTO	CA (US)
IAP	ILS OR LOC RWY 19L		1	KSFO	SAN FRANCISCO	CA (US)
IAP	ILS OR LOC RWY 28L		1	KSFO	SAN FRANCISCO	CA (US)
IAP	ILS PRM RWY 28L		1	KSFO	SAN FRANCISCO	CA (US)
IAP	ILS RWY 28L (SA CAT II)		1	KSFO	SAN FRANCISCO	CA (US)
IAP	FAIRGROUNDS VISUAL RWYS 30L/R			KSJC	SAN JOSE	CA (US)
IAP	ILS OR LOC RWY 12R			KSJC	SAN JOSE	CA (US)
IAP	ILS OR LOC RWY 30L			KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT I AND II)			KSJC	SAN JOSE	CA (US)
STAR	PANOCHÉ			KHWD	HAYWARD	CA (US)
STAR	PANOCHÉ			KOAK	OAKLAND	CA (US)
STAR	GOLDEN GATE			KSFO	SAN FRANCISCO	CA (US)
STAR	CAPITOL			KSJC	SAN JOSE	CA (US)
STAR	EL NIDO			KSJC	SAN JOSE	CA (US)

STAR ROBIE KSJC SAN JOSE CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 07/16/2020

REASON FOR REVISION:

1. REMOVED V-485 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: NORCAL APP CON

OTHER: SJC ATCT, SFO ATCT