

RADIO FIX AND HOLDING DATA RECORD

NAME: DUCKE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 375351.65N/1200603.73W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
SHARR (RNAV)
SHARR (RNAV)

FAC PAT

AIRPORT IDENT
KHWD
KOAK

CITY
HAYWARD
OAKLAND

STATE
CA (US)
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

CHANGED FIX TYPE FROM INT AND DME TO WP.

REMOVED ALL FACILITIES FROM FIX MAKE-UP.

REMOVED FIX RESTRICTION.

CHARTING: ADDED STAR; REMOVED CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH.

REMOVED ALL EN ROUTE FIX USE.

ADDED SHARR STAR IN FIX USE AT KOAK AND KHWD.

DEVELOPED BY:

DATE: 02/09/2017

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: NORCAL APP CON

OTHER:

QUALITY
17
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LOCKE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 374248.55N/1213034.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NE		WP	051.94	231.94	R	7	8000	12000	9	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	374021.00N/1213651.00W	2284	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATED COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SHARR (RNAV)		1	KHWD	HAYWARD	CA (US)
STAR	SHARR (RNAV)		1	KOAK	OAKLAND	CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

CHANGED FIX TYPE FROM INT, DME TO WP.

REMOVED FAC 1 AND FAC 2.

REMOVED ESV.

REMOVED FAC 2 COORDINATES REMARK.

DELETED ECA PAT 1; ADDED WP PAT 1.

UPDATED PAT 1 OBS ELEVATION FROM 2283 TO 2284.

ADDED ATC LEG LENGTH REMARK.

FIX USE: REPLACED MADWIN STAR (KOAK/KHWD) WITH SHARR STAR (KOAK/KHWD).

DEVELOPED BY:

DATE: 02/10/2017

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: NORCAL APP CON

OTHER:

QUALITY
17
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MRLET

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 390737.20N/1194931.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ZEFFR (RNAV)			KRNO	RENO	NV (US)
STAR	SHARR (RNAV)			KHWD	HAYWARD	CA (US)
STAR	BANND (RNAV)			KOAK	OAKLAND	CA (US)
STAR	OAKES (RNAV)			KOAK	OAKLAND	CA (US)
STAR	SHARR (RNAV)			KOAK	OAKLAND	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

FIX USE: ADDED SHARR STAR AT KOAK AND KHWD.

DEVELOPED BY:

DATE: 02/17/2017

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: RNO ATCT, NORCAL APP CON
OTHER:

QUALITY
17
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: POYSN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 381718.33N/1200409.08W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR	SHARR (RNAV)			KHWD	HAYWARD	CA (US)
STAR	BANND (RNAV)			KOAK	OAKLAND	CA (US)
STAR	OAKES (RNAV)			KOAK	OAKLAND	CA (US)
STAR	SHARR (RNAV)			KOAK	OAKLAND	CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

FIX USE: ADDED SHARR STAR AT KOAK AND KHWD.

DEVELOPED BY:

DATE: 02/17/2017

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: NORCAL APP CON

OTHER:

QUALITY
17
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RPARK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 380724.91N/1184449.79W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

REMARKS:

COMMEMORATIVE FIX, PER KOAK.

FIX USE:

USE TYPE

STAR
STAR

USE TITLE

SHARR (RNAV)
SHARR (RNAV)

FAC

PAT

AIRPORT IDENT

KHWD
KOAK

CITY

HAYWARD
OAKLAND

STATE

CA (US)
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/22/2017

DEVELOPED BY:

DATE: 02/24/2017

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: NORCAL APP CON

OTHER:

QUALITY
17
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RUSME

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 372939.00N/1173112.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q15					(US)
STAR	SHARR (RNAV)			KHWD	HAYWARD	CA (US)
STAR	BANND (RNAV)			KOAK	OAKLAND	CA (US)
STAR	OAKES (RNAV)			KOAK	OAKLAND	CA (US)
STAR	SHARR (RNAV)			KOAK	OAKLAND	CA (US)
STAR	ALWYS (RNAV)			KSFO	SAN FRANCISCO	CA (US)
STAR	DYAMD (RNAV)			KSFO	SAN FRANCISCO	CA (US)
STAR	YOSEM (RNAV)			KSFO	SAN FRANCISCO	CA (US)
STAR	RAZRR (RNAV)			KSJC	SAN JOSE	CA (US)
STAR	KENNO (RNAV)			KRNO	RENO	NV (US)
STAR	RUSME (RNAV)			KRNO	RENO	NV (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

FIX USE: ADDED SHARR STAR (KOAK/KHWD) AND YOSEM STAR (KSFO).

DEVELOPED BY:

DATE: 02/21/2017

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

QUALITY
17
CHECKED