

RADIO FIX AND HOLDING DATA RECORD

NAME: GUKCE

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 392240.36N/1194610.44W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (RNP) Z RWY 35L

FAC

PAT

AIRPORT IDENT
KRNO

CITY
RENO

STATE
NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

MOVED FIX 4342.57 FT NORTH.

FIX MAKE-UP: REMOVED FAC 1.

REMARKS: REMOVED NOTE DISPLACED THLD COORDINATES: 392910.91N/1194609.45W.

FIX USE: REFORMATED IAP RNAV (RNP) Z RWY 34L AND CHANGED THE RWY TO 35L.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

CASIMIR L TABAKA

Sep 07, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: JIVOR

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385800.45N/1195040.93W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	ZUGEK					134.61	12.00			17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE

FAC

PAT

AIRPORT IDENT
KRNO

CITY
RENO

STATE
NV (US)

RNAV (RNP) Z RWY 34L, RNAV (RNP) Z RWY 34R

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/25/2008

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

CASIMIR L TABAKA

Sep 07, 2022

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: RNO TOWER

OTHER:

QUALITY
29
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JOPKO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 385429.80N/1200008.60W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	ZUGEK					174.43	12.00			17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE

FAC

PAT

AIRPORT IDENT
KRNO

CITY
RENO

STATE
NV (US)

RNAV (RNP) Z RWY 34L, RNAV (RNP) Z RWY 34R

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/25/2008

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Sep 07, 2022

DISTRIBUTION:

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

QUALITY
29
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LANBE

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 391952.21N/1194610.95W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
IAP

USE TITLE
RNAV (RNP) Z RWY 35L
RNAV (RNP) Z RWY 35R

FAC

PAT

AIRPORT IDENT
KRNO
KRNO

CITY
RENO
RENO

STATE
NV (US)
NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

MOVED FIX 1619.4 FT NORTH.

FIX MAKE-UP: REMOVED FAC 1.

REMARKS: REMOVED NOTE DISPLACED THLD COORDINATES: 392910.91N/1194609.45W.

FIX USE: REFORMATED IAP RNAV (RNP) Z RWY 34L AT KRNO AND CHANGED RWY TO 35L.

FIX USE: ADDED IAP RNAV (RNP) Z RWY 34R AT KRNO.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Sep 07, 2022

QUALITY
29
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MASUE

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 391210.01N/1194611.95W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP

IAP

USE TITLE

RNAV (RNP) Z RWY 35L

RNAV (RNP) Z RWY 35R

FAC

PAT

AIRPORT IDENT

KRNO

KRNO

CITY

RENO

RENO

STATE

NV (US)

NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

FIX MAKE-UP: REMOVED FAC 1.

REMARKS: REMOVED NOTE DISPLACED THLD COORDINATES 392910.91N/1194609.45W.

FIX USE: REFORMATED IAP RNAV (RNP) Z AT KRNO AND CHANGED FROM RWY FROM 34L/R TO 35L/R.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by

CASIMIR L TABAKA

Sep 07, 2022

QUALITY
29
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SPOOK STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 383757.00N/1201551.41W TYPE: INT, 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	MRA	MAA
1	LINDEN	LIN	VOR/DME	H	029.00	046.00	48.34	48.34	13000	17500
2	SQUAW VALLEY	SWR	VOR/DME	VL	163.56	179.56		32.84	13000	17500
3	MUSTANG	FMG	VORTAC	H	192.00	208.00	60.91	60.91	15000	45000
4	HANGTOWN	HNW	VOR/DME	L	086.48	103.48		23.45	13000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FMG	VORTAC	R-192	61	15000	17500
LIN	VOR/DME	R-029	49	13000	14800

FIX RESTRICTIONS:

MCA V28 15000 NORTHBOUND
 MCA V113 15000 NORTHBOUND

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	LIN	VOR/DME	029.00	029.00	L	1		13000	17500	11	18
2	SW	LIN	VOR/DME	029.00	029.00	L	1 1/2		18000	45000	18	31

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	384027.00N/1200515.00W	9948	4E
2	265	AAO	383948.00N/1200339.00W	9728	4E
2	310	SPOT ELEV	384021.00N/1195958.00W	10680	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOIDING HIGHER TERRAIN TO THE EAST.
 PAT 2 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

LINDEN (FAC 1) AND MUSTANG (FAC 3) USED TO ESTABLISH FIX COORDINATES.
 CHART FIX AS FMG DME ONLY ON ENROUTE HIGH.
 PAT 1 AND 2 NOT PUBLISHED, FOR ATC USE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RICHY	1, 2, 3, 4		KTVL	SOUTH LAKE TAHOE	CA (US)
EN ROUTE	V113	1, 2, 3, 4				(US)
EN ROUTE	V28	1, 2, 3, 4				(US)
IAP	RNAV (GPS)-B			KMEV	MINDEN	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

TYPE: REMOVED WP.
 PATTERNS: CHANGED PAT 1 LEG TIME FROM 1-1 1/2 TO 1.
 FIX USE: REMOVED IAP RNAV (RNP) Z RWY 34R/34L AT KRNO.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: TARA MARTINELLI
APPROVED BY:	DATE: 11/03/2022	OFFICE: AJV-A430	NAME: CASIMIR TABAKA



SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Sep 07, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: TIPYO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 391631.39N/1201002.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	ZUGEK					327.03	12.00				17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE

FAC

PAT

AIRPORT IDENT
KRNO

CITY
RENO

STATE
NV (US)

RNAV (RNP) Z RWY 34L, RNAV (RNP) Z RWY 34R

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/25/2008

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Sep 07, 2022

DISTRIBUTION:

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

QUALITY
29
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZUGEK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 390627.09N/1200138.10W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	SPOON					270.15	12.00			17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE

FAC

PAT

AIRPORT IDENT
KRNO

CITY
RENO

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NV (US)

RNAV (RNP) Z RWY 34L, RNAV (RNP) Z RWY 34R

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/25/2008

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Sep 07, 2022

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: RNO TOWER
OTHER:

