US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CHIME (IAF)	DIKNE (FB)	206.86 / 6.98	7300
DIKNE (IF)	FAPGA (FB)	219.82 / 6.00	7100
FAPGA (FAF)	RW27 (MAP) (FO)	244.33 / 4.35	
RW27 (MAP)	5105 MSL	244.33	
5105 MSL	JUTBA (FB)		
JUTBA	MARRI (FO)	162.43/12.63	13100

MISSED APPROACH

LNAV: RW27

CLIMBING LEFT TURN TO 13100 DIRECT JUTBA AND ON TRACK 162.43 TO MARRI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13100.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 351.00 INBOUND.
FAS OBST: 6039 AAO 391110N/1193802W
FAC CROSSES RW27 THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DIKNE
3. FAC: 244.33 FAF: FAPGA DIST FAF TO MAP: 4.35 THLD: 4.35
4. MIN. ALT: DIKNE 7300, FAPGA 7100
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM: RW27 12100

MAG VAR: 14E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	6240	1 1/4	1535	6240	1 1/2	1535	6280	3	1575	6480	3	1775			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CHIME ON V105-564 NORTHWEST BOUND AND ON V494 NORTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE RENO/TAHOE INTL ALTIMETER SETTING AND INCREASE ALL MDA 540 FEET.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 4705 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CARSON CITY, NV	AIRPORT NAME: CARSON	RNAV	RNAV (GPS)-B, ORIG	AMDT: NONE
				DATED

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZOA, RNO APP CON, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **ADOLFO URRUTIA (DAVID E. JENNER)**	FIFO **AJV-354**	DATE: **04/17/2012**
APPROVED BY		
NAME: **DEZ SILAGYI** **MANAGER**	FIFO **AJV-354**	DATE:

CHANGES:

1. ORIGINAL

REASONS:

1. PER FPT

PDF EDIT:
A. TERMINAL ROUTES: FROM COLUMN - (FAF) ADDED AFTER FAPGA.
B. TERMINAL ROUTES: COURSE AND DISTANCE COLUMN - 12.63 DISTANCE ADDED JUTBA TO MARRI.
C. TERMINAL ROUTES LINE 1: NA DELETED AFTER PT.

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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```
ARINC PACKET - 424-18 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CHIME K20    C   L N39210829W119254431                      E0139     NAR           CHIME
        SUSAEAENRT   DIKNE K20    W     N39155124W119313700                      E0139     NAR           DIKNE
        SUSAEAENRT   FAPGA K20    W     N39121834W119375080                      E0139     NAR           FAPGA
        SUSAEAENRT   JUTBA K20    W     N38582441W119430065                      E0139     NAR           JUTBA
        SUSAEAENRT   MARRI K20    C   L N38454721W119420031                      E0138     NAR           MARRI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCXPK2ACXP     0     061YHN39113230W119435730E014004705         1800018000C    MNAR    CARSON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCXPK2FRNV-B ACHIME 010CHIMEK2EA0E  A    IF                                                18000                 B JC
        SUSAP KCXPK2FRNV-B ACHIME 020DIKNEK2EA0EE B 010TF                    20690070    + 07300                                B JC
        SUSAP KCXPK2FRNV-B R      010DIKNEK2EA0E  I    IF                                + 07300     18000                 B JC
        SUSAP KCXPK2FRNV-B R      020FAPGAK2EA0E  F 051TF                    21980060    + 07100                  RW27  K2PGB JC
        SUSAP KCXPK2FRNV-B R      030RW27 K2PG0GY M 031TF                    24430044      06480              000          B JC
        SUSAP KCXPK2FRNV-B R      040         0  M     CA                    2443        + 05105                                B JC
        SUSAP KCXPK2FRNV-B R      050JUTBAK2EA0E   L   DF                                                                      B JC
        SUSAP KCXPK2FRNV-B R      060MARRIK2EA0EY   010TF                    1624        + 13100                                B JC
        SUSAP KCXPK2FRNV-B R      070MARRIK2EA0EE  R   HM                    35100080    + 13100                                B JC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCXPK2GRW27    0061002693 N39112537W119431955+0100    +1406804695000041075V

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCXPK2SRW27 K2PG               0   18018012125                                                                          M
```

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 4705 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CARSON CITY, NV	AIRPORT NAME: **CARSON**	**RNAV**	**RNAV (GPS)-B, ORIG**	AMDT: **NONE**
				DATED:

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CHIME	CHIME	010	IAF	IF		FB					
	CHIME	DIKNE	020		TF		FB	1.0	206.9(220.9T)	007.0	AA 07300	
		DIKNE	010	FACF	IF		FB				AA 07300	
		FAPGA	020	FAF	TF		FB	0.5	219.8(233.8T)	006.0	AA 07100	
		RW27	030	MAP	TF		FO	0.3	244.3(258.3T)	004.4	AT 06480	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		244.3(258.3T)		AA 05105	
	JUTBA	050		DF	L	FB					
	MARRI	060		TF		FO	1.0	162.4(176.4T)		AA 13100	
	MARRI	070		HM	R	FO		351.0(005.0T)	008.0	AA 13100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CHIME	N392108.29	W1192544.31	N3921.138	W11925.739
	DIKNE	N391551.24	W1193137.00	N3915.854	W11931.617
	FAPGA	N391218.34	W1193750.80	N3912.306	W11937.847
	JUTBA	N385824.41	W1194300.65	N3858.407	W11943.011
	MARRI	N384547.21	W1194200.31	N3845.787	W11942.005
	RW27	N391125.37	W1194319.55	N3911.423	W11943.326

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	04695	41

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 4705 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CARSON CITY, NV	AIRPORT NAME: **CARSON**	**RNAV**	**RNAV (GPS)-B, ORIG**	AMDT: **NONE**
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	CHIME	DIKNE	1. TREE	391324.00N/1192924.00W	6589 (2A)	1000	SA-796 AT157 PR350	7300
			2. TERRAIN	391421.00N/1192957.00W	5460 (5500)		AS1500	7000
INTERMEDIATE	DIKNE	FAPGA	1. TREE	391324.00N/1192924.00W	6589 (2A)	500	PR300 SA-796 AT507	7100
			2. TERRAIN	391421.00N/1192957.00W	5459 (5500)		AS1000	6500
FINAL: LNAV	FAPGA	RW27	3. AAO	391109.89N/1193801.80W	6039 (2C)	250	PR120 SA-184	6240
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	RW27	MARRI				ASC		13100
			4. AAO	384457.00N/1194030.00W	7363 (3E)	1000	PR360 AC114	8900
ELEV:	6140		5. TERRAIN	384457.00N/1194030.00W	7163 (7200)		AS1500	8700
			6. TREE	391241.40N/1194511.68W	5489 (2C)	300	SI	6240
			7. TREE	391250.10N/1194546.09W	5769 (2C)	300	SI	6240
			8. TREE	391248.58N/1194610.65W	5969 (2C)	300		6280
			9. TREE	391337.25N/1194237.20W	6169 (2C)	300		6480

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	1535
CATEGORY B	1.5 NM	450	1535
CATEGORY C	1.7 NM	450	1575
CATEGORY D	2.3 NM	550	1775
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW27

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	189/ 21.6	11081 (6A)	12100					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4705 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
CARSON CITY, NV	CARSON	RNAV	RNAV (GPS)-B, ORIG	AWP

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
RNO APP CON RNO FSS ZOA ARTCC	N W S	OTHER: AWOS-3	SOURCE: KCXP / KRNO
	F A A		DISTANCE: 0 / 18.47
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: 24 / 24
X VHF X UHF HF	LOCATION: KCXP		ADJUSTMENT: 0 / 540

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 27, 09
	X	REIL 27, 09
	X	TDZ 27, 09
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 27, 09
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 27, 09
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD FT. FROM THRESHOLD
	X	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ADOLFO URRUTIA (DAVID E. JENNER)	DATE: 04/17/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

SEE ATTACHED AIRSPACE LETTER.
RASS PRESSURE PATTERNS NOT THE SAME
HIGH TERRAIN 7864, LOW TERRAIN 4344
RA = 535.47.

KCXP AWOS IS NOT ON SERVICE A, KRNO ASOS IS ON SERVICE A.

50 FT TREE AND 200 FT AAO USED IN PROCEDURE, PER FPT.

TAA NOT DEVELOPED PER ZOA.

FAF NOT IN PFAF LOCATION, PROCEDURE DOES NOT MEET STRAIGHT-IN CRITERIA.

OBS # 1 - LOCATED 6050 FT INTO SECONDARY AREA AND LOCATED INSIDE OF KA34 AAO RING.

25 DEGREE BANK ANGLE USED IN MISSED APPROACH SEGMENT.

FAF ALTITUDE AT 7100 TO ENSURE IT IS ABOVE THE HIGHEST CIRCLING LINE OF MINIMA - LOCAL AND REMOTE.

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DIKNE **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 391551.24N/1193137.00W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) - B			KCXP	CARSON CITY	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 03/29/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DAVID JENNER)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FAPGA **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 391218.34N/1193750.80W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

REMARKS:
FIX NOT IN PFAF LOCATION, PROCEDURE DOES NOT MEET STRAIGHT-IN CRITERIA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) - B			KCXP	CARSON CITY	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 03/29/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DAVID JENNER)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MARRI **STATE:** CA **COUNTRY:** US

LATITUDE/LONGITUDE: 384547.21N/1194200.31W **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	DIST FROM FAC FEET	MRA	MAA
1	MUSTANG	FMG	VORTAC	H	166.57	182.57	46.09	46.09		13000	17500
2	SQUAW VALLEY	SWR	VOR/DME	L	117.00	133.00	36.55	36.55		13000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FMG	VORTAC	R-167	47	13000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S		WP	171.00	351.00	R		8	13100	17500	11	21

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	383247.20N/1194508.90W	11135	6A
1	310	AAO	382113.50N/1193819.40W	11662	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	380
1	230	380

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) - A	KCXP	CARSON CITY	NV (US)
1	RNAV (GPS) - B	KCXP	CARSON CITY	NV (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RICHY	1, 2		KTVL	SOUTH LAKE TAHOE	CA (US)
EN ROUTE	V165	1				(US)
IAP	VOR/DME-A	2		KTVL	SOUTH LAKE TAHOE	CA (US)
IAP	RNAV (GPS) - A		1	KCXP	CARSON CITY	NV (US)
IAP	RNAV (GPS) - B		1	KCXP	CARSON CITY	NV (US)
IAP	RNAV (GPS) Y RWY 16L			KRNO	RENO	NV (US)
IAP	RNAV (GPS) Z RWY 16L			KRNO	RENO	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
UPDATED FIX USE.
UPDATED HOLDING 310 KT CONTROLLING OBSTACLE.
UPDATED MIN HOLDING ALTITUDE, CHANGED FROM 13000 TO 13100.
ADDED 310 KT PRECIPITOUS TERRAIN ADJUSTMENT AND UPDATED 230 KT PRECIPITOUS TERRAIN ADJUSTMENT, CHANGED FROM 375 TO 380.
ADDED RNAV (GPS) - B TO PROCEDURES REQUIRING C-I-H.

DEVELOPED BY: **DATE:** 03/29/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (DAVID JENNER)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

QUALITY CHECKED

DISTRIBUTION:

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: CHIME **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 392108.29N/1192544.31W **TYPE:** WP, 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	DIST FROM FAC FEET	MRA	MAA
1	HAZEN	HZN	VORTAC	L	227.00	244.00	22.33	22.33		10000	17500
2	MUSTANG	FMG	VORTAC	H	119.39	135.39	15.05	15.05		10000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	HZN	VORTAC	227.00	047.00	R	1-1 1/2		10000	17500	10	17
2	SE	FMG	VORTAC	119.39	299.39	R	1-1 1/2		10000	17500	10	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	391200.50N/1192845.20W	8543	6A
2	230	AAO	392333.60N/1193128.80W	7537	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	283
2	230	256

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V105-564	1, 2	2			(US)
EN ROUTE	V494	1, 2	1			(US)
IAP	RNAV (GPS) - B			KCXP	CARSON CITY	NV (US)
IAP	RNAV (RNP) Y RWY 16L			KRNO	RENO	NV (US)
IAP	RNAV (RNP) Y RWY 16R			KRNO	RENO	NV (US)
STAR	KENNO (RNAV)			KRNO	RENO	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 06/30/2011

REASON FOR REVISION:
SWAPPED FAC 1 AND FAC 2.
UPDATED HOLDING PAT 1 MIN/MAX HOLDING ALTITUDE FROM 11000/17000 TO 10000/17500.
UPDATED HOLDING PAT 2 RAD/CRS/BRG & CRS INBOUND FROM 119.00/299.00 TO 119.39/299.39.
UPDATED HOLDING PAT 2 MIN/MAX HOLDING ALTITUDE FROM 11000/17000 TO 10000/17500.
UPDATED HOLDING PAT 1 CONTROLLING OBSTRUCTION COORDINATES.
UPDATED HOLDING PAT 2 PRECIPITOUS TERRAIN ADDITION FROM 255 TO 256.
ADDED IAP TO REQUIRED CHARTING.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 11/29/2010 **OFFICE:** AVN-120 **NAME:** LARRY STROUT (SCOTT CORY)

APPROVED BY: **DATE:** 04/07/2011 **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

INFO ONLY

NAME: JUTBA **STATE:** NV **COUNTRY:** US

LATITUDE/LONGITUDE: 385824.41N/1194300.65W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) - A			KCXP	CARSON CITY	NV (US)
IAP	RNAV (GPS) - B			KCXP	CARSON CITY	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 02/09/2012

REASON FOR REVISION:
THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 03/03/2010.
1. FIX NAME CHANGED FROM HELIR TO JUTBA DUE TO DUPLICATE FIX NAME.

DEVELOPED BY: **DATE:** 06/23/2010 **OFFICE:** AVN-130 **NAME:** ADOLFO URRUTIA (DAVID DANNER)

APPROVED BY: **DATE:** **OFFICE:** AVN-130 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **CARSON CITY** STATE: **NV**

AIRPORT NAME: **CARSON** ID: **KCXP**

PROCEDURE: **RNAV (GPS) - B** AMDT: **ORIG**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **2.35**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **258.33**
4. High Terrain in **FINAL** segment containing 1000' point **5459**
5. Distance from **THLD** to 1500' point **4.15**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.95**
7. True Course of **FINAL** segment containing 1500' point **258.33**
8. High Terrain in **FINAL** segment containing 1500' point **5459**
9. Threshold Coordinates (if straight-in) ... _____ / _____
10. ARP Coordinates ..... **391132.30N** / **1194357.30W**
11. Runway Approach End and distance furthest from ARP.....RWY **27**
    Distance **0.50** NM
12. FAF Coordinates ..... **391218.34N** / **1193750.80W**
    (Click to Select)

REMARKS: Approach/Drawing attached. CIRCLING ONLY