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
SWR VOR/DME	CEVAP (FO)	040.75 / 29.81	13000
HZN VORTAC	CEVAP (FO)	247.76 / 34.39	9500
CEVAP (IF/IAF)	AYALU (FB)	317.68 / 4.05	8200
AYALU	JEBMI (FB)	317.65 / 4.25	7000
JEBMI (FAF)	RW32 (MAP) (FO)	317.63 / 5.92	
RW32 (MAP)	5450 MSL		
5450 MSL	WIPOM (FB)		
WIPOM	HALLE (FO)	333.04/12.87	14000

MISSED APPROACH

LPV: DA
LNAV: RW32

CLIMB TO 14000 DIRECT WIPOM AND ON TRACK 333.04 TO HALLE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 14000.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 313.71 INBOUND.
CHART FAS OBST: 5668 TOWER 393503N/1194759W
DISTANCE TO THLD FROM 1488 HAT: 4.55 NM.
WAAS CHANNEL # 60920
REFERENCE PATH ID: W32A
LTP HAE: 1513.9 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE CEVAP, RT, 317.68 INBOUND, 9400 FT. IN LIEU OF PT (IAF)
3. FAC: 317.63 FAF: JEBMI DIST FAF TO MAP: 5.92 THLD: 5.92
4. MIN. ALT: AYALU 8200, JEBMI 7000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 7000 GS ALT AT: JEBMI 7000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.3 34:1 IS CLEAR
8. MSA FROM: RW32 12000

MAG VAR: 16E EPOCH YEAR: 2000

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
LPV DA	6533	6	1488	6533	6	1488	6533	6	1488	6533	6	1488			
LNAV MDA	6840	1 1/4	1795	6840	1 1/2	1795	6840	3	1795	6840	3	1795			
CIRCLING	6840	1 1/4	1790	6840	1 1/2	1790	6840	3	1790	6840	3	1790			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 8 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RENO/TAHOE INTL ALTIMETER SETTING AND (SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5050 TDZE: 5045	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/STEAD	RNAV	RNAV (GPS) RWY 32, AMDT 1A	AMDT: 1
				DATED 07/29/2010

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] **RNO APP CON, ZOA, AIRPORT MANAGER**

FLIGHT CHECKED BY		
NAME: **THOMAS MOLOKIE**	FIFO **FIOG**	DATE: **06/10/2010**
DEVELOPED BY		
NAME: **BRYAN BLUE**	FIFO **AJV-354**	DATE: **07/09/2012**
APPROVED BY		
NAME: **DEZ SILAGYI** **MANAGER**	FIFO **AJV-354**	DATE:

CHANGES:

1. ADDED CHART NOTE "VGSI AND RNAV GLIDEPATH NOT COINCIDENT

REASONS:

1. PER FLIGHT CHECK VGSI NOT COINCIDENT WITH GLIDEPATH, PER FDC NOTAM 2/0371, PER FLIGHT CHECK THE REASON FOR THE NOTAM IS BECAUSE THE DA AND MDA ARE OUTSIDE THE SERVICE VOLUME OF THE PAPIS, WHICH IS 4NM

QUALITY

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
INCREASE ALL DA 115 FEET AND ALL MDA 120 FEET.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY
CHART NOTE: PROCEDURE NA FOR ARRIVAL ON HZN VORTAC AIRWAY RADIALS 227 CW 255
CHART NOTE: PROCEDURE NA FOR ARRIVAL ON SWR VOR/DME AIRWAY RADIALS 037 CW 062

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5050 TDZE: 5045	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/STEAD	RNAV	RNAV (GPS) RWY 32, AMDT 1A	AMDT: 1
				DATED: 07/29/2010

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:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRTS
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	393951.1560N
LTP/FTP LONGITUDE	1195209.3740W
LTP/FTP ELLIPSOIDAL HEIGHT	+15139
FPAP LATITUDE	394100.6400N
FPAP LONGITUDE	1195254.0300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	104.75
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6D03E054

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+15377
FPAP ORTHOMETRIC HEIGHT	+15377

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5050 TDZE: 5045	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/STEAD	RNAV	RNAV (GPS) RWY 32, AMDT 1A	AMDT: 1
				DATED: 07/29/2010

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:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        HZN   K2011410VTL  N39305905W118595168    N39305905W118595168E0170040851     NARHAZEN
        SUSAD        SWR   K2011320VDLA N39104916W120161061    N39104916W120161061E0160088501     NARSQUAW VALLEY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AYALU K20    C     N39304436W119461888                     E0140     NAR           AYALU
        SUSAEAENRT   CEVAP K20    C     N39270639W119435965                     E0140     NAR           CEVAP
        SUSAEAENRT   HALLE K20    C   L N39551121W119570390                     E0141     NAR           HALLE
        SUSAEAENRT   JEBMI K20    C     N39343294W119484519                     E0140     NAR           JEBMI
        SUSAEAENRT   WIPOM K20    W     N39423265W119535319                     E0140     NAR           WIPOM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRTSK2ARTS     0     090YHN39400544W119523518E016005050         1800018000C    MNAR    RENO/STEAD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRTSK2FR32   AHZN   010HZN  K2D 0V       IF                                          18000                A JS
        SUSAP KRTSK2FR32   AHZN   020CEVAPK2EA0EY   020TF                    24780344    + 09500                         A JS
        SUSAP KRTSK2FR32   AHZN   030CEVAPK2EA0EE AR   HF                    31770070    + 09400                         A JS
        SUSAP KRTSK2FR32   ASWR   010SWR  K2D 0V       IF                                          18000                A JS
        SUSAP KRTSK2FR32   ASWR   020CEVAPK2EA0EY   020TF                    04080298    + 13000                         A JS
        SUSAP KRTSK2FR32   ASWR   030CEVAPK2EA0EE AR   HF                    31770070    + 09400                         A JS
        SUSAP KRTSK2FR32   R      010CEVAPK2EA0E  I    IF                                + 09400     18000               A JS
        SUSAP KRTSK2FR32   R      011AYALUK2EA0E S  051TF                    31770041    + 08200                         A JS
        SUSAP KRTSK2FR32   R      020JEBMIK2EA1E  F 051TF                    31770043    + 07000                 RW32  K2PGA JS
        SUSAP KRTSK2FR32   R      020JEBMIK2EA2WALPV       N          ALNAV                                               JS
        SUSAP KRTSK2FR32   R      030RW32 K2PG0GY M 031TF                    31760059      05085            -300          A JS
        SUSAP KRTSK2FR32   R      040         0  M     CA                    3176        + 05450                         A JS
        SUSAP KRTSK2FR32   R      050WIPOMK2EA0E       DF                                                                 A JS
        SUSAP KRTSK2FR32   R      060HALLEK2EA0EY   010TF                    3330        + 14000                         A JS
        SUSAP KRTSK2FR32   R      070HALLEK2EA0EE  R   HM                    31370080    + 14000                         A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRTSK2GRW32    0090003176 N39395116W119520937+0000    +1513905045120040150I
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5050 TDZE: 5045	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: **RENO/STEAD**	**RNAV**	**RNAV (GPS) RWY 32, AMDT 1A**	AMDT: **1**
				DATED: **07/29/2010**

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:

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.

```
PP      1         2         3         4         5         6         7         8         9         0         1         2         3
        123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRTSK2PR32   RW32 001 0000W32A0N3939511560W11952093740+151390300N3941006400W11952540300104750016000403F4005006D03E054
        SUSAP KRTSK2PR32   RW32 002E      +15377+15377LPV       60920
```

```
MSA     1         2         3         4         5         6         7         8         9         0         1         2         3
        123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRTSK2SRW32 K2PG               0   18018012025                                                                        M
```

CITY AND STATE	ELEVATION: 5050 TDZE: 5045	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/STEAD	RNAV	RNAV (GPS) RWY 32, AMDT 1A	AMDT: 1
				DATED: 07/29/2010

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HZN	HZN	010		IF		FB					
	HZN	CEVAP	020		TF		FO	2.0	247.8(263.8T)	034.4	AA 09500	
	HZN	CEVAP	030	IAF	HF	R	FO		317.7(333.7T)	007.0	AA 09400	
	SWR	SWR	010		IF		FB					
	SWR	CEVAP	020		TF		FO	2.0	040.8(056.8T)	029.8	AA 13000	
	SWR	CEVAP	030	IAF	HF	R	FO		317.7(333.7T)	007.0	AA 09400	
		CEVAP	010	FACF	IF		FB				AA 09400	
		AYALU	011	SDF	TF		FB	0.5	317.7(333.7T)	004.1	AA 08200	
		JEBMI	020	FAF	TF		FB	0.5	317.7(333.7T)	004.3	AA 07000	
		RW32	030	MAP	TF		FO	0.3	317.6(333.6T)	005.9	AT 05085	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		317.6(333.6T)		AA 05450	
	WIPOM	050		DF		FB					
	HALLE	060		TF		FO	1.0	333.0(349.0T)		AA 14000	
	HALLE	070		HM	R	FO		313.7(329.7T)	008.0	AA 14000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HZN	N393059.05	W1185951.68	N3930.984	W11859.861
	SWR	N391049.16	W1201610.61	N3910.819	W12016.177
	AYALU	N393044.36	W1194618.88	N3930.739	W11946.315
	CEVAP	N392706.39	W1194359.65	N3927.107	W11943.994
	HALLE	N395511.21	W1195703.90	N3955.187	W11957.065
	JEBMI	N393432.94	W1194845.19	N3934.549	W11948.753
	WIPOM	N394232.65	W1195353.19	N3942.544	W11953.887
	RW32	N393951.16	W1195209.37	N3939.853	W11952.156

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	05045	40

CITY AND STATE	ELEVATION: 5050 TDZE: 5045	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/STEAD	RNAV	RNAV (GPS) RWY 32, AMDT 1A	AMDT: 1
				DATED: 07/29/2010

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.
FEEDER	SWR VOR/DME	CEVAP	1. AAO	392034.70N/1195454.70W	10976 (4E)	2000		13000
			2. TERRAIN	392034.70N/1195454.70W	10776		AS1500	12300
					(10800)			
FEEDER	HZN VORTAC	CEVAP	3. AAO	392941.70N/1192026.00W	7474 (4E)	2000		9500
			4. TERRAIN	392941.70N/1192026.00W	7274 (7300)		AS1500	8800
INTERMEDIATE	CEVAP (IF/IAF)	AYALU	5. AAO	392448.00N/1195007.00W	7057 (4E)	500	DG913 SA-462 AC98 PR94	8200
			6. TERRAIN	392803.00N/1194200.00W	6044 (6000)		AS1500	7500
INTERMEDIATE:	AYALU	JEBMI	7. AAO	392751.00N/1192121.00W	6021 (4E)	500	DG873 AC98 SA-492	7000
STEPDOWN			8. TERRAIN	393435.51N/1194803.14W	5279 (5300)		AS1500	6800
FINAL: LPV	JEBMI	RW32				ASC	MA1288	6533/1488
FINAL: LNAV	JEBMI	RW32	9. TOWER (32-000051)	393503.00N/1194759.00W	5668 (1A)	250	MA918	6840
2. HOLD-IN-LIEU-OF-PT	CEVAP	P-10	10. AAO	391902.60N/1194012.70W	8064 (6A)	1000	PR280	9400
			11. TERRAIN	391902.60N/1194012.70W	7864 (7900)		AS1500	9400
3. MISSED APPROACH — MAP:	DA / RW32	HALLE	12. AAO	394625.37N/1195813.48W	8005 (2C)	ASC		14000
			13. AAO	394741.76N/1195804.61W	7975 (2C)	1000	SA-97	8900
ELEV:	5803/6590		14. TERRAIN	394736.00N/1195748.00W	7573 (7600)		AS1500	9100
			15. TREE	394141.14N/1195128.01W	5449 (2C)	300	SI	6840
			16. TREE	394142.22N/1195110.86W	5569 (2C)	300	SI	6840
			17. TREE	394213.72N/1195122.29W	5689 (2C)	300	SI	6840
			18. TREE	393903.17N/1195618.72W	6048 (2C)	300	SI	6840

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	1790
CATEGORY B	1.5 NM	450	1790
CATEGORY C	1.7 NM	450	1790
CATEGORY D	2.3 NM	550	1790
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW32

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	170/ 19.4	10976 (4E)	12000					

CITY AND STATE	ELEVATION: 5050 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
RENO, NV	RENO/STEAD	RNAV	RNAV (GPS) RWY 32, AMDT 1A	AWP

QUALITY RECEIVED

FAA Form 8260 - 9 / April 2006 (Computer Generated)

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
RNO APP CON RNO FSS		N W S	OTHER: AWOS-3	SOURCE: KRTS / KRNO
		F A A		DISTANCE: 0 / 11.31
		A / C		HOURS REMOTE OPERATION:
SATISFACTORY ON:				
X V H F X U H F H F	LOCATION: KRTS			ADJUSTMENT: 0 / 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 32 (PCL)
		HIRL
		MIRL
	X	REIL 08, 26
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 08, 26, 32
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 08, 14, 26, 32
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 5044.8
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 40.3
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD FT. FROM THRESHOLD
	X	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: BRYAN BLUE	DATE: 07/09/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

VDA NA DUE TO PRECISION/VERTICAL PATH PROCEDURE
VDP NA DUE TO VDP IS LESS THAN 0.5NM AFTER FAF
BLOCK 2: HRS OPTN: 24

VGSI DATA: 3.00/39.00

BLOCK 3: ALTIMETER SETTING
SOURCE: KRTS/KRNO
DISTANCE: 0/11.26
ADJUSTMENT: 0/115
SERVICE A: NO/YES

SEE ATTACHED AIRSPACE LETTER.

RASS PRESSURE PATTERNS ARE THE SAME
KRTS 5050.1, KRNO 4414.9
RA: 114.8

INTERMEDIATE STEPDOWN OBSTACLES
19. AAO 393435.51N/1194803.14W 5479 MSL

OBS #5 LIES 1.91NM INTO INTERMEDIATE SECONDARY AREA
OBS #13 LIES 1166.44FT INTO SECONDARY AREA
OBST #7 LIES 1.68NM INTO INTERMEDIATE SECONDARY AREA
30 FEET AVERAGE VEGETATION HEIGHT USED PER FPO

MAGVAR CHECKED AND WITHIN TOLERANCE

TAA NOT DEVELOPED PER FPO

RNP FORMULA APPLIED TO FAF UTILIZING 3.00/40.3

20:1 PENETRATIONS EXIST, FPO NOTIFIED

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL"
PENETRATIONS:

20:1 RWY 8
4995 BUSH 393953.13N/1195334.33W (2.90)
5004 GROUND 393951.00N/1195336.00W (6.51)

LNAV MA OBSTACLE SAME AS LPV

LNAV/VNAV NOT DEVELOPED PER FPO

LPV SURFACES = 34:1

QUALITY CHECKED