

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										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW01R CLIMB TO 2800 THEN CLIMBING RIGHT TURN TO 6000 DIRECT BLD VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 330.00 INBOUND. FAS OBST: 2610 AAO 360047N/1151257W 3720 AAO 355636N/1151516W 2620 AAO 360035N/1151303W CHART 2759 PWR LINE 355937N/1151357W DISTANCE TO THLD FROM 298 HAT: 0.75 NM. CHART VDP AT 1.92 NM TO RW01R* *LNAV ONLY. WAAS CHANNEL # 42800 REFERENCE PATH ID: W01A CHART CIRCLING ICON. LTP HAE: 633.4 M					
SKEBR (IAF)		CAKNU (TF) (FB) (RNP 1.00)		068.36 / 12.36				6900							
BOACH (IAF)		CAKNU (TF) (FB) (RNP 1.00)		336.45 / 7.17				6900							
CAKNU (IF)		FEBET (TF) (FB) (RNP 1.00)		013.80 / 5.72				6300							
FEBET		KIBSE (TF) (FB) (RNP 1.00)		013.85 / 3.79				5100							
KIBSE (FAF)		GALNE/5.30 NM TO RW01R (TF) (FB) (RNP 0.30)		013.87 / 3.71											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CAKNU 3. FAC: 013.87 FAF: KIBSE DIST FAF TO MAP: 9.01 THLD: 9.01 4. MIN. ALT: CAKNU 6900, FEBET 6300, KIBSE 5100, GALNE/5.30 NM TO RW01R 3900* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 5100 GS ALT AT: KIBSE 5100 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS NOT CLEAR 8. MSA FROM: RW01R 13200										MAG VAR: 11E EPOCH YEAR: 2020					
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		@					
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	2468	7/8	298	2468	7/8	298	2468	7/8	298	2468	7/8	298			
LNAV/VNAV DA	2633	1 1/2	463	2633	1 1/2	463	2633	1 1/2	463	2633	1 1/2	463			
LNAV MDA	2860	1	690	2860	1	690	2860	2	690	2860	2	690			
CIRCLING	3020	1 1/4	839	3040	1 1/4	859	3100	2 3/4	919	3540	3	1359			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 52C (126F). CHART NOTE: RWY 1R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).															
CITY AND STATE		ELEVATION: 2181 TDZE: 2170				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
LAS VEGAS, NV		AIRPORT NAME: MC CARRAN INTL						RNAV (GPS) RWY 1R, AMDT 2 14 SEPTEMBER 2017				AMDT: 1A			
												DATED 01/12/2012			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GALNE/5.30 NM TO RW01R	RW01R (MAP) (TF) (FO) (RNP 0.30)	013.87 / 5.30	
RW01R (MAP)	2800 MSL (CA)	013.87	2800
2800 MSL	BLD VORTAC (DF) (FO) (RNP 1.00)		6000

QUALITY
18
CHECKED

CITY AND STATE
LAS VEGAS, NV

ELEVATION: 2181 TDZE: 2170
AIRPORT NAME:
MC CARRAN INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 1R, AMDT 2
14 SEPTEMBER 2017

SUP:
AMDT: 1A
DATED: 01/12/2012

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAS
RUNWAY	RW01R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	360431.6695N
LTP/FTP LONGITUDE	1151000.4365W
LTP/FTP ELLIPSOIDAL HEIGHT	+06334
FPAP LATITUDE	360554.8800N
FPAP LONGITUDE	1150912.8035W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 BDCFE6C9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+06614
FPAP ORTHOMETRIC HEIGHT	+06614

QUALITY
18
CHECKED

CITY AND STATE LAS VEGAS, NV	ELEVATION: 2181 AIRPORT NAME: MC CARRAN INTL	TDZE: 2170 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1R, AMDT 2 14 SEPTEMBER 2017	SUP:
				AMDT: 1A
				DATED: 01/12/2012