

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:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
LAS VEGAS, NV		AIRPORT NAME:				RNAV		RNAV (GPS) RWY 1R, AMDT 2				AMDT: 1A			
		MC CARRAN INTL										DATED 01/12/2012			

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE CONCURRENT							
COORDINATED WITH: <table style="width:100%; margin-top: 5px;"> <tr> <td style="text-align: center;">ATA <input checked="" type="checkbox"/></td> <td style="text-align: center;">AAT <input type="checkbox"/></td> <td style="text-align: center;">ALPA <input checked="" type="checkbox"/></td> <td style="text-align: center;">APA <input checked="" type="checkbox"/></td> <td style="text-align: center;">AOPA <input checked="" type="checkbox"/></td> <td style="text-align: center;">NBAA <input checked="" type="checkbox"/></td> <td style="text-align: center;">OTHER (specify) <input checked="" type="checkbox"/> <u>ZLA, LAS APP CON, LAS ATCT, NV AERO, AMGR</u></td> </tr> </table>			ATA <input checked="" type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input checked="" type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>	OTHER (specify) <input checked="" type="checkbox"/> <u>ZLA, LAS APP CON, LAS ATCT, NV AERO, AMGR</u>
ATA <input checked="" type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input checked="" type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>	OTHER (specify) <input checked="" type="checkbox"/> <u>ZLA, LAS APP CON, LAS ATCT, NV AERO, AMGR</u>			
FLIGHT CHECKED BY									
NAME:	FIFO	DATE:							
DEVELOPED BY <i>Digitally signed by</i>									
NAME:	FIFO	DATE:							
LUCAS MCCLOUD	LUCAS MCCLOUD May 12, 2017	AJV-5422 05/12/2017							
APPROVED BY									
NAME:	FIFO	DATE:							
JULIE A. MORGAN	MANAGER AJV-5420								
CHANGES: 1. KLAS MAGVAR UPDATED FROM 15E TO 11E, ALL COURSES UPDATED ACCORDINGLY 2. LEG CAKNU-FEBET COURSE/DIST CHANGED FROM 009.82/5.08 TO 013.80/5.72 3. LEG FEBET-KIBSE COURSE/DIST CHANGED FROM 009.82/4.62 TO 013.85/3.79 4. LEG KIBSE-GALNE (FAC) COURSE/DIST CHANGED FROM 009.86/3.32 TO 013.87/3.71 5. GALNE MOVED FROM 5.5NM TO 5.3NM TO RW01R AND LOWERED 100 FT TO ALIGN WITH DG 6. ADDED LNAV/VNAV LINE OF MINIMA AND ALL ASSOCIATED DATA AND NOTE 7. LNAV FAS OBST UPDATED FROM '2619 200' PWR LINE 360021N/1151257W' TO '2610 AAO 360047N/1151257W' 8. ADDED 7:1 FINAL OBSTACLES '3720 AAO 355636N/1151516W' AND '2620 AAO 360035N/1151303W' 9. ADDED 'CHART CIRCLING ICON' 10. DISTANCE TO THLD FROM 523 HAT: 1.48 NM CHANGED TO '298 HAT: 0.75 NM' 11. VDP MOVED FROM 2.12 NM TO 1.92 NM TO RW01R 12. UPDATED MISSED APPROACH FROM 'CLIMB TO 6000 DIRECT JIBIB AND VIA 089 TRACK TO WAMUD THEN VIA 126 TRACK TO BOULDER CITY VORTAC AND HOLD' TO 'CLIMB TO 2800 THEN CLIMBING RIGHT TURN TO 6000 DIRECT BLD VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.' (TERMINAL ROUTES UPDATED ACCORDINGLY) 13. LNAV MDA LOWERED FROM 2920 TO 2860, CAT C/D VISI LOWERED TO 2 SM (SEE FORM 8260-10)									
REASONS: 1. EPOCH YEAR UPDATE FROM 1980 TO 2020 2,3. FIX FEBET MOVED TOWARDS RWY DUE TO TERRAIN/AAOS DRIVING PFAF ALTITUDE AND AIRSPACE 4. PFAF MOVED TO ALIGN WITH CURRENT TCH/CRITERIA 5. FINAL STEPDOWN FIX MOVED INBOUND DUE TO TERRAIN/AAOS 6. IAW .58 REQUIREMENT AND 8260.19G, 8-6-5, G, 3 7,8,10,11. PER BUILD DATA 9,16. NEW CIRCLING CRITERIA/AREA APPLIED, PREVIOUS CONTROLLING OBSTACLE (CRANE) REMOVED 12. ATC/FPT REQUEST AND TO ALIGN WITH CURRENT CRITERIA (2800FT WAS HIGHEST ALT WITHOUT HIGHER FINAL MA ADJUSTMENTS, SO CIH REQ'D) 13. CRITERIA CHANGES INCREASED HMAS ELIMINATING MISSED PENETRATION 14. HIGHEST PERMISSIBLE TCH DUE TO 76 FT VGSI TCH 15. MISSED APPROACH CHANGED FROM STRAIGHT INITIAL SEGMENT TO TURNING 17. DUE TO UPDATED MINIMA 18. 34:1 PENETRATIONS 19. TCH CHANGED (SEE FORM 8260-10)									



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.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
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

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

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input type="checkbox"/></div>		NBAA <div><input type="checkbox"/></div>	
OTHER (specify)		<div><input type="checkbox"/></div>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. 14. TCH RAISED 10 FT 15. LPV DA LOWERED FROM 2693 TO 2468 16. CIRCLING UPDATED FROM 3080/3080/3280/3280 TO 3020/3040/3100/3540 (VIS UPDATED ACCORDINGLY) 17. NOTE UPDATED FROM '@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4' TO '@ CAT A, B 900-2, CAT C 1000-2 3/4, CAT D 1400-3' 18. ADDED 'CHART NOTE: RWY 1R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.' 19. LINE 3 DIST FAF TO MAP/THLD CHANGED FROM 8.82 TO 9.01 20. LTP UPDATED FROM '360431.6805N/1151000.4270W' TO '360431.6695N/1151000.4365W' (ELLIPSOIDAL HEIGHT FROM 6336 TO 6334) 21. FPAP UPDATED FROM '360554.9280N/1150912.7750W' TO '360554.8802N/1150912.8039W' 22. CRC REMAINDER UPDATED FROM '3CDAD7E9' TO 'BDCFE6C9'					
REASONS: REASONS CONT. 20,21. PER CURRENT DATABASE 22. AUTO CHANGED DUE TO FAS DATA UPDATE					
EFFECTIVE CONCURRENT WITH: ILS OR LOC RWY 26L, AMDT 6					



**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 	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1R, AMDT 2	SUP:
					AMDT: 1A
					DATED: 01/12/2012

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	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		SKEBR		CAKNU		1. AAO		354815.00N/1152912.00W		5509 (3E)		1000		PR330		6900			
						2. TERRAIN		354815.00N/1152912.00W		5309 (5300)				AS1500		6800			
INITIAL		BOACH		CAKNU		3. AAO		353954.00N/1151627.00W		4666 (3E)		1000		PR200 AT1034		6900			
						4. TERRAIN		353954.00N/1151627.00W		4466 (4500)				AS1500		6000			
INTERMEDIATE		CAKNU		FEBET		5. AAO		355233.00N/1151924.00W		4560 (2C)		500		PR130 AT1110		6300			
						6. TERRAIN		355233.00N/1151924.00W		4360 (4400)				AS1500		5900			
INTERMEDIATE:		FEBET		KIBSE		7. AAO		355436.00N/1151905.00W		4720 (2C)		500		PR120 SA-318		5100			
LNAV STEPDOWN						8. TERRAIN		355338.00N/1151819.00W		4080 (4100)				AS1000		5100			
FINAL: LPV		KIBSE		RW01R		9. POL (KLAST001000)		360405.73N/1151019.71W		2255 (1A)		34:1		MA48		2468/298			
FINAL: LNAV/VNAV		KIBSE		RW01R		10. BLDG		360332.61N/1151008.49W		2336 (1B)		21.59:1		MA13		2633/463			
FINAL: LNAV		KIBSE		GALNE/5.30 NM TO RW01R		11. AAO		355739.00N/1151314.00W		3480 (2C)		250		XL151		3900			
FINAL: LNAV STEPDOWN		GALNE/5.30 NM TO RW01R		RW01R		12. AAO		360047.00N/1151257.00W		2610 (2C)		250				2860			
2. PROCEDURE TURN																			
3. MISSED APPROACH	MAP:		DA / DA / RW01R		BLD VORTAC		9. POL (KLAST001000)		360405.73N/1151019.71W		2255 (1A)		ASC				6000		
							13. AAO		360106.00N/1145133.00W		3908 (4E)		1000				5000		
	ELEV:		2255/2472/2760				14. TERRAIN		360106.00N/1145133.00W		3708 (3700)				AS1500		5200		
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	839	16. BLDG (32-000333)		360623.32N/1151038.17W		2720 (1B)		300		3020			
CATEGORY B		1.5 NM			450		859	17. BLDG (32-000320)		360726.05N/1151003.94W		2732 (1B)		300		3040			
CATEGORY C		1.7 NM			450		919	18. BLDG (32-022332)		360816.22N/1150934.01W		2789 (1B)		300		3100			
CATEGORY D		2.3 NM			550		1359	19. MNMT (32-000188)		360850.71N/1150919.85W		3229 (1B)		300		3540			
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAVAID: RW01R																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)			
360-360		AAO		284/28.2		12116 (2C)		13200											
CITY AND STATE				ELEVATION: 2181				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
LAS VEGAS, NV				AIRPORT NAME: MC CARRAN INTL				RNAV				RNAV (GPS) RWY 1R, AMDT 2				AWP			

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																				
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					THRESHOLD DISPLACED 491 FT.															
ZLA ARTCC LAS TOWER LAS APP CON							N W S		OTHER: ASOS					SOURCE:KLAS					PRECIPITOUS TERRAIN EVALUATION COMPLETED.											
							F A A							DISTANCE:																
							A / C							HOURS REMOTE OPERATION: 0																
SATISFACTORY ON:										LOCATION: KLAS					ADJUSTMENT: 0					VGSI DATA: 3.00/75.6 TCH KLAS ASOS IS ON WMSCR/SERVICE A. NO BACKUP ALTIMETER SOURCE DUE TO REDUNDANCY AT FACILITY. VEGETATION 45' PER IFF CHECKLIST CRITICAL TEMPERATURES: CRITICAL LOW :-1C (+31F) CRITICAL HIGH :+52C (+126F) ACT :-1C APT ISA :+10.68C CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2012-2016). CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 983 HIGH TEMP 1148. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.33NM CAT B: 1.88NM CAT C: 2.97NM CAT D: 3.91NM SEE ATTACHED AIRSPACE LETTER. OBS # 1,3,13,MSA AAOS IPDS DERIVED ACCURACY LNAV/VNAV MISSED APPROACH (MA ADJ OBS): 15. BLDG (KLAST002825) 360533.99N/1151039.58W 2655 (1A) ASC 6000 LPV, LNAV/VNAV, LNAV "VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 2232 TREE (KLAST000244) 360414.58N/1151010.09W (11.97) 2233 TREE (KLAST000251) 360414.72N/1151011.94W (11.46) 2224 RR (KLAST000196) 360417.60N/1151013.21W (8.94) 2218 RR (KLAST000168) 360417.16N/1151006.34W (8.74) 2215 RR (KLAST002774) 360417.19N/1151003.77W (8.43) 2223 RR (KLAS0010) 360417.40N/1151012.38W (8.24) 2222 RR (KLAST000192) 360417.31N/1151011.82W (7.57) 2219 RR (KLAST000175) 360417.12N/1151008.50W (7.43) 2220 RR (KLAST000180) 360417.12N/1151009.77W (7.14) 2221 POLE (KLAST000195) 360415.45N/1151007.32W (6.13) 2230 TREE (KLAS0012) 360415.07N/1151015.72W (5.56) 2236 TREE (KLAST000342) 360410.43N/1151010.92W (3.93) 2237 TREE (KLAST000373) 360410.88N/1151014.55W (2.45) 2244 POLE (KLAST000585) 360410.14N/1151019.79W (2.12) 2220 POLE (KLAST000229) 360416.56N/1151013.46W (1.88) 2231 TREE (KLAST000308) 360410.77N/1151009.06W (1.74) 2226 TREE (KLAST000270) 360412.13N/1151008.08W (1.40) 2243 TREE (KLAST000578) 360408.80N/1151015.99W (1.37) 2255 32-000170 POLE (KLAST001000) 360405.73N/1151019.71W (1.31) 2210 POLE (KLAST000166) 360416.69N/1151004.67W (1.17) 2246 POLE (KLAST000749) 360408.96N/1151019.81W (0.92) CONT.										
X	V	H	F	X	U	H	F		H	F																				
4. MONITOR STATUS		PRIMARY NAVAID:																												
		MONITOR POINT:																												
		HRS OPTN:		CAT 1																										
				CAT 3																										
5. APPROACH & RUNWAY LIGHTING				ALS																										
				(S) SALS																										
		X		MALSF 01L, 26L MALS 26R																										
		X		HIRL 01L, 08L, 08R, 19R, 26L, 26R																										
		X		MIRL 01R, 19L																										
		X		REIL 01R, 08R, 19L, 19R																										
				TDZ																										
				C/LINE																										
X		OTHER (SPECIFY) PAPI-4L 01L, 01R, 08L, 08R, 19L, 19R, 26L, 26R																												
6. RUNWAY MARKINGS		BASIC																												
		ALL WEATHER		PIR-G 26L, 26R																										
		INSTRUMENT		NPI-G 01L, 01R, 08L, 08R, 19L, 19R																										
7. RUNWAY VISUAL RANGE		APPROACH																												
		MIDFIELD																												
		ROLL OUT																												
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:2170.0																								
		DISTANCE FROM RWY:				ELEV GP ANTENNA:																								
						THRESHOLD CROSSING HEIGHT:60.0																								
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD				FT. FROM THRESHOLD																				
				X		ON CENTERLINE				FT. FROM CENTERLINE																				
10. WAIVERS: NONE																														
PART D - PREPARED BY: LUCAS MCCLOUD										DATE: 05/12/2017																				
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5422																				

QUALITY
18
CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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PART - A OBSTRUCTION DATA

[illegible]

3. MISSED APPROACH	MAP:								
	ELEV:								

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

[illegible]

CITY AND STATE LAS VEGAS, NV	ELEVATION: 2181 AIRPORT NAME: MC CARRAN INTL	FACILITY RNAV	PROCEDURE AND AMENDMENT NO: RNAV (GPS) RWY 1R, AMDT 2	REGION AWP <i>QUALITY</i>
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PART B - SUPPLEMENTAL DATA										PART C - REMARKS: CONTINUED. 2251 POLE (KLAST000906) 360407.64N/1151021.49W (0.65) 2217 POLE (KLAST000214) 360415.68N/1151009.74W (0.29)		
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING						
SATISFACTORY ON:				N W S	OTHER:		SOURCE:					
				F A A			DISTANCE:					
				A / C			HOURS REMOTE OPERATION:					
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:			
4. MONITOR STATUS		PRIMARY NAVAID:										
		MONITOR POINT:										
		HRS	CAT 1									
		OPTN:	CAT 3									
5. APPROACH & RUNWAY LIGHTING		ALS										
		(S) SALS										
		MALS										
		HIRL										
		MIRL										
		REIL										
		TDZ										
		C/LINE										
6. RUNWAY MARKINGS		BASIC										
		ALL WEATHER										
		INSTRUMENT										
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				RUNWAY THRESHOLD					FT. FROM THRESHOLD			
				ON CENTERLINE					FT. FROM CENTERLINE			
10. WAIVERS:												
PART D - PREPARED BY:						DATE:						
TITLE:						OFFICE:						

