

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						MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW14R CLIMB TO 6000 DIRECT DAPEY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 324.09 INBOUND. CHART FAS OBST: 3469 TREE 322209N/1041726W CHART: 3629 TREE 322328N/1041724W. DISTANCE TO THLD FROM 250 HATH: 0.66 NM. WAAS CHANNEL # 61034 REFERENCE PATH ID: W14A CHART CIRCLING ICON. LTP HAE: 972.1 M							
CNM VORTAC		BICNA (FO)		324.75 / 17.64		6100									
FATAP (IAF)		BICNA (NOPT) (FB)		161.62 / 16.47		6000									
BICNA (IF/IAF)		AYOPE (FB)		144.00 / 6.06		5200									
AYOPE (FAF)		HEKES/2.60 NM TO RW14R (FB)		144.00 / 3.34											
HEKES/2.60 NM TO RW14R		RW14R (MAP) (FO)		144.00 / 2.60											
RW14R (MAP)		3519 MSL		144.00		6000									
3519 MSL		DAPEY (FO)													
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW BICNA, RT, 143.99 INBOUND, 6000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>144.00</u> FAF: <u>AYOPE</u> DIST FAF TO MAP: <u>5.94</u> THLD: <u>5.94</u> 4. MIN. ALT: <u>BICNA 6000, AYOPE 5200, HEKES/2.60 NM TO RW14R 4120*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>5200</u> GS ALT AT: <u>AYOPE 5200</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS' ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW14R 8100</u>										MAG VAR: 10E EPOCH YEAR: 1985					
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		STANDARD @							
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	3519	1	250	3519	1	250	3519	1	250	3519	1	250			
LNAV/VNAV DA	3519	1	250	3519	1	250	3519	1	250	3519	1	250			
LNAV MDA	3720	1	451	3720	1	451	3720	1 3/8	451	3720	1 3/8	451			
CIRCLING	3720	1	425	3780	1	485	3960	1 3/4	665	4260	3	965			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 3295 THRE: 3269		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
CARLSBAD, NM		AIRPORT NAME:				RNAV (GPS) RWY 14R, AMDT 1				AMDT: ORIG					
		CAVERN CITY AIR TRML				22 AUGUST 2013				DATED 08/05/2004					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

*LNAV ONLY

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

QUALITY
9
CHECKED

CITY AND STATE

CARLSBAD, NM

ELEVATION: 3295

THRE: 3269

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CAVERN CITY AIR TRML

FACILITY
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RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

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22 AUGUST 2013

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCNM
RUNWAY	RW14R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	322034.4085N
LTP/FTP LONGITUDE	1041615.0955W
LTP/FTP ELLIPSOIDAL HEIGHT	+09721
FPAP LATITUDE	321914.1400N
FPAP LONGITUDE	1041529.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0968
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

1D605C9E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+09965
FPAP ORTHOMETRIC HEIGHT	+09965

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCNMK2FR14R	ACNM	010CNM	K2D 0V	IF					18000		A JS	
SUSAP	KCNMK2FR14R	ACNM	020BICNAK2EA0EY	020TF		32480176		+ 06100				A JS	
SUSAP	KCNMK2FR14R	ACNM	030BICNAK2EA0EE	AR HF		14400060		+ 06000				A JS	
SUSAP	KCNMK2FR14R	AFATAP	010FATAPK2EA0E	A IF						18000		A JS	
SUSAP	KCNMK2FR14R	AFATAP	020BICNAK2EA0EE	B 010TF		16160165		+ 06000				A JS	
SUSAP	KCNMK2FR14R	R	010BICNAK2EA0E	I IF						18000		A JS	
SUSAP	KCNMK2FR14R	R	020AYOPEK2EA1E	F 051TF		14400061		+ 05200			RW14R K2PGA	JS	
SUSAP	KCNMK2FR14R	R	020AYOPEK2EA2WALPV		ALNAV/VNAV ALNAV							JS	
SUSAP	KCNMK2FR14R	R	021HEKESK2EA0E	S 031TF		14400033		V 0412004137		-300		A JS	
SUSAP	KCNMK2FR14R	R	030RW14RK2PG0GY	M 031TF		14400026		03309		-300		A JS	
SUSAP	KCNMK2FR14R	R	040	0 M CA		1440		+ 03519				A JS	
SUSAP	KCNMK2FR14R	R	050DAPEYK2EA0EY	DF				+ 06000				A JS	
SUSAP	KCNMK2FR14R	R	060DAPEYK2EA0EE	R HM		32410060		+ 06000				A JS	

[illegible][illegible]

QUALITY
6789012
4
CHECKED

CITY AND STATE CARLSBAD, NM	ELEVATION: 3295 THRE: 3269	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 14R, AMDT 1	SUP:
	AIRPORT NAME: CAVERN CITY AIR TRML	RNAV	22 AUGUST 2013	AMDT: ORIG
				DATED: 08/05/2004

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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SUSAP KCNMK2PR14R RW14R001 0000W14A0N3220344085W10416150955+097210300N3219141400W10415290600106750968000400F4005001D605C9E
SUSAP KCNMK2PR14R RW14R002E +09965+09965LPV 61034

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KCNMK2SRW14RK2PG				0	18018008125							M	

QUALITY
4
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CITY AND STATE
CARLSBAD, NM

ELEVATION: **3295** THRE: **3269**
AIRPORT NAME:
CAVERN CITY AIR TRML

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 14R, AMDT 1
22 AUGUST 2013

SUP:
AMDT: ORIG
DATED: 08/05/2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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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
	CNM	CNM	010		IF		FB					
	CNM	BICNA	020		TF		FO	2.0	324.8 (334.8T)	017.6	AA 06100	
	CNM	BICNA	030	IAF	HF	R	FO		144.0 (154.0T)	006.0	AA 06000	
	FATAP	FATAP	010	IAF	IF		FB					
	FATAP	BICNA	020		TF		FB	1.0	161.6 (171.6T)	016.5	AA 06000	
		BICNA	010	FACF	IF		FB				AA 06000	
		AYOPE	020	FAF	TF		FB	0.5	144.0 (154.0T)	006.1	AA 05200	
		HEKES	021	SDF	TF		FB	0.3	144.0 (154.0T)	003.3	AA 04120	GS 04137
		RW14R	030	MAP	TF		FO	0.3	144.0 (154.0T)	002.6	AT 03309	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		144.0 (154.0T)		AA 03519	
	DAPEY	050		DF		FO				AA 06000	
	DAPEY	060		HM	R	FO		324.1 (334.1T)	006.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CNM	N321523.81	W1041333.74	N3215.397	W10413.562
	AYOPE	N322555.23	W1041919.38	N3225.921	W10419.323
	BICNA	N323122.93	W1042227.85	N3231.382	W10422.464
	DAPEY	N320853.64	W1040934.08	N3208.894	W10409.568
	FATAP	N324742.53	W1042518.10	N3247.709	W10425.302
	HEKES	N322254.94	W1041735.77	N3222.916	W10417.596
	RW14R	N322034.41	W1041615.10	N3220.574	W10416.252

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW14R	03269		40

QUALITY
A
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CITY AND STATE CARLSBAD, NM	ELEVATION: 3295	THRE: 3269	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 14R, AMDT 1	AMDT: ORIG
	CAVERN CITY AIR TRML	RNAV	22 AUGUST 2013	DATED: 08/05/2004	