

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	
AXEPE (IAF)	WAMVA (FB)	035.66 / 8.82	6600	LPV: DA LNAV/VNAV: DA LNAV: RW03
LANIC (IAF)	WAMVA (FB)	339.55 / 5.43	6600	
WAMVA (IF)	ZETVO (FB)	019.07 / 4.00	5600	CLIMB TO 5600 DIRECT KEREY AND HOLD.
ZETVO (FAF)	OXYAC/4.00 NM TO RW03 (FB)	034.09 / 3.08		
OXYAC/4.00 NM TO RW03	RW03 (MAP) (FO)	034.09 / 4.00		ADDITIONAL FLIGHT DATA: HOLD NE, RT, 214.24 INBOUND. FAS OBST: 3839 AAO 321657N/1041929W. 4279 AAO 321358N/1042138W. DISTANCE TO THLD FROM 200 HATH: 0.47 NM. CHART VDP AT 2.37 MILES TO RW03* *LNAV ONLY. WAAS CHANNEL # 81835 REFERENCE PATH ID: W03A CHART CIRCLING ICON. LTP HAE: 979.7 M
RW03 (MAP)	3495 MSL	034.09		
3495 MSL	KEREY (FO)		5600	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WAMVA
- FAC: 034.09 FAF: ZETVO DIST FAF TO MAP: 7.08 THLD: 7.08
- MIN. ALT: WAMVA 6600, ZETVO 5600, OXYAC/4.00 NM TO RW03 4600*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 5600 GS ALT AT: ZETVO 5600 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.6 34:1 IS CLEAR
- MSA FROM: RW03 8100

MAG VAR: 10E EPOCH YEAR: 1985

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	3495	1/2	200	3495	1/2	200	3495	1/2	200	3495	1/2	200			
LNAV/VNAV DA	3545	1/2	250	3545	1/2	250	3545	1/2	250	3545	1/2	250			
LNAV MDA	4100	1/2	805	4100	3/4	805	4100	1 7/8	805	4100	1 7/8	805			
CIRCLING	4100	1	805	4100	1 1/4	805	4100	2 1/2	805	4260	3	965			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 52C (126F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AXEPE ON V102 SOUTHWEST BOUND.
(SEE FORM 8260-10)

@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 1000-3

QUALITY
CHECKED

CITY AND STATE CARLSBAD, NM	ELEVATION: 3295 AIRPORT NAME: CAVERN CITY AIR TRML	THRE: 3295 FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG 22 AUGUST 2013	SUP: AMDT: NONE DATED
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RNAV - STANDARD

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NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LANIC ON V560 SOUTHWEST BOUND.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C/D VISIBILITY TO 2 1/2 MILES, AND INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 MILE.

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9
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				AMDT: NONE
				DATED:

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCNM
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	321921.5375N
LTP/FTP LONGITUDE	1041627.3440W
LTP/FTP ELLIPSOIDAL HEIGHT	+08797
FPAP LATITUDE	322025.6100N
FPAP LONGITUDE	1041514.1000W
THRESHOLD CROSSING HEIGHT (TCH)	00050.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0360
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

AE5B341B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+10042
FPAP ORTHOMETRIC HEIGHT	+10042

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CITY AND STATE

CARLSBAD, NM

ELEVATION: 3295

THRE: 3295

AIRPORT NAME:

CAVERN CITY AIR TRML

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

22 AUGUST 2013

SUP:

AMDT: NONE

DATED:

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCNMK2FR03	AAXEPE	010AXEPEK2EA0E	A	IF					18000		A	JS
SUSAP	KCNMK2FR03	AAXEPE	020WAMVAK2EA0EE	B	010TF		03570088		+ 06600			A	JS
SUSAP	KCNMK2FR03	ALANIC	010LANICK2EA0E	A	IF					18000		A	JS
SUSAP	KCNMK2FR03	ALANIC	020WAMVAK2EA0EE	B	010TF		33960054		+ 06600			A	JS
SUSAP	KCNMK2FR03	R	010WAMVAK2EA0E	I	IF				+ 06600	18000		A	JS
SUSAP	KCNMK2FR03	R	020ZETVOK2EA1E	F	051TF		01910040		+ 05600		RW03	K2PGA	JS
SUSAP	KCNMK2FR03	R	020ZETVOK2EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KCNMK2FR03	R	021OXYACK2EA0E	S	031TF		03410031	V	0460004619	-300		A	JS
SUSAP	KCNMK2FR03	R	030RW03 K2PGOGY	M	031TF		03410040			-300		A	JS
SUSAP	KCNMK2FR03	R	040	0	M	CA	0341		+ 03495			A	JS
SUSAP	KCNMK2FR03	R	050KEREYK2EA0EY		DF				+ 05600			A	JS
SUSAP	KCNMK2FR03	R	060KEREYK2EA0EE	R	HM		21420050		+ 05600			A	JS

[illegible][illegible]

MSA 1 2 3 4 5 6 7 8 9 0 1 2 3

SUP:	
AMDT:	NONE
DATED:	

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 KCNMK2SRW03 K2PG

0 18018008125

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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
	AXEPE	AXEPE	010	IAF	IF		FB					
	AXEPE	WAMVA	020		TF		FB	1.0	035.7 (045.7T)	008.8	AA 06600	
	LANIC	LANIC	010	IAF	IF		FB					
	LANIC	WAMVA	020		TF		FB	1.0	339.6 (349.6T)	005.4	AA 06600	
		WAMVA	010	FACF	IF		FB				AA 06600	
		ZETVO	020	FAF	TF		FB	0.5	019.1 (029.1T)	004.0	AA 05600	
		OXYAC	021	SDF	TF		FB	0.3	034.1 (044.1T)	003.1	AA 04600	GS 04619
		RW03	030	MAP	TF		FO	0.3	034.1 (044.1T)	004.0	AT 03345	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		034.1 (044.1T)		AA 03495	
	KEREY	050		DF		FO				AA 05600	
	KEREY	060		HM	R	FO		214.2 (224.2T)	005.0	AA 05600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXEPE	N320435.42	W1043159.48	N3204.590	W10431.991
	KEREY	N322854.57	W1040530.73	N3228.910	W10405.512
	LANIC	N320524.66	W1042323.97	N3205.411	W10423.400
	OXYAC	N321628.91	W1041944.48	N3216.482	W10419.741
	WAMVA	N321045.76	W1042433.60	N3210.763	W10424.560
	ZETVO	N321415.94	W1042216.12	N3214.266	W10422.269
	RW03	N321921.54	W1041627.34	N3219.359	W10416.456

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	03295	51

QUALITY
9
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CITY AND STATE CARLSBAD, NM	ELEVATION: 3295	THRE: 3295	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: CAVERN CITY AIR TRML		RNAV	RNAV (GPS) RWY 3, ORIG	AMDT: NONE
				22 AUGUST 2013	DATED: