

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: RW17L CLIMB TO 9000 DIRECT CEGIX AND ON TRACK 099.25 TO DRAKE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 353.19 INBOUND. FAS OBST: 6740 AAO 385228N/1044110W DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 2.37 MILES TO RW17L* *LNAV ONLY. WAAS CHANNEL # 69618 REFERENCE PATH ID: W17A 6840 AAO 385327N/1044117W 7199 AAO 385657N/1044003W. CHART CIRCLING ICON. LTP HAE: 1868 M					
LUFSE		OLAPE (FB)		196.33 / 10.95				10000							
ADANE		OLAPE (FB)		324.32 / 8.91				10000							
OLAPE (IAF)		NUBSE (FB)		256.25 / 9.47				9500							
NUBSE (IF)		ROCCK (FB)		170.50 / 5.43				8700							
ROCCK (FAF)		JESLO/4.20 NM TO RW17L (FB)		171.08 / 3.51											
JESLO/4.20 NM TO RW17L (SEE FORM 8260-10)		RW17L (MAP) (FO)		171.08 / 4.20											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT NUBSE _____ 3. FAC: 171.08 FAF: ROCCK _____ DIST FAF TO MAP: 7.71 THLD: 7.71 4. MIN. ALT: NUBSE 9500, ROCCK 8700, JESLO/4.20 NM TO RW17L 7580* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 8700 GS ALT AT: ROCCK 8700 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 57.1 34:1 IS CLEAR 8. MSA FROM: RW17L 15400										MAG VAR: 9E		EPOCH YEAR: 2010			
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	6387	2400	200	6387	2400	200	6387	2400	200	6387	2400	200			
LNAV/VNAV DA	6602	4500	415	6602	4500	415	6602	4500	415	6602	4500	415			
LNAV MDA	7000	2400	813	7000	4000	813	7000	1 7/8	813	7000	1 7/8	813			
CIRCLING	7000	1 1/4	813	7000	1 1/4	813	7040	2 1/2	853	7260	3	1073			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 44C (112F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LUFSE ON V611 NORTHEAST BOUND. (CONTINUED ON PAGE 2)															
CITY AND STATE COLORADO SPRINGS, CO		ELEVATION: 6187 TDZE: 6187 AIRPORT NAME: CITY OF COLORADO SPRINGS MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 17L, AMDT 3 05/26/2016				SUP: AMDT: 2 DATED 05/29/2014			

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
RW17L (MAP)	6387 MSL	171.08	
6387 MSL	CEGIX (FB)		
CEGIX	DRAKE (FO)	099.25 / 13.46	9000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ADANE ON V108 EASTBOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

*LNAV ONLY

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT LUFSE ON V611 NORTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ADANE ON V108 EASTBOUND.

CHART NOTE: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C/D VISIBILITY TO 2 1/2 MILE.

QUALITY
25
CHECKED

CITY AND STATE

COLORADO SPRINGS, CO

ELEVATION: 6187

TDZE: 6187

AIRPORT NAME:

CITY OF COLORADO SPRINGS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 17L, AMDT 3, 05/26/2016

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**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	KCOS
RUNWAY	RW17L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	384857.9120N
LTP/FTP LONGITUDE	1044108.6415W
LTP/FTP ELLIPSOIDAL HEIGHT	+18680
FPAP LATITUDE	384644.4700N
FPAP LONGITUDE	1044108.8695W
THRESHOLD CROSSING HEIGHT (TCH)	00057.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	115.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 278DAE80

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+18858
FPAP ORTHOMETRIC HEIGHT	+18858

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CITY AND STATE COLORADO SPRINGS, CO	ELEVATION: 6187 TDZE: 6187 AIRPORT NAME: CITY OF COLORADO SPRINGS MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 17L, AMDT 3, 05/26/2016	SUP:
				AMDT: 2
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE														
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33														
ARINC SUMMARY - KCOS														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ADANE	010	ADANE	IF	FB										E
ADANE	020	OLAPE	TF	FB	2.0	324.3						AA 10000		E A
ADANE	030	NUBSE	TF	FB	1.0	256.3						AA 09500		EE B
LUFSE	010	LUFSE	IF	FB										E
LUFSE	020	OLAPE	TF	FB	2.0	196.3						AA 10000		E A
LUFSE	030	NUBSE	TF	FB	1.0	256.3						AA 09500		EE B
	010	NUBSE	IF	FB								AA 09500		E I
	020	ROCCK	TF	FB	1.0	170.5				RW17L		AA 08700		E F
	021	JESLO	TF	FB	0.3	171.1		3.00				AA 07580 GS 07582		E S
	030	RW17L	TF	FO	0.3	171.1		3.00				AT 06244		GY M
	040		CA	FB		171.1						AA 06387		M
	050	CEGIX	DF	FB										E
	060	DRAKE	TF	FO	1.0	099.3						AA 09000		EY
	070	DRAKE	HM	FO		353.2			R			AA 09000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
ADANE			N385457.26			W1042356.46								
CEGIX			N384038.28			W1044109.52								
DRAKE			N383624.05			W1042451.18								
JESLO			N385310.16			W1044108.19								
LUFSE			N391249.58			W1042303.64								
NUBSE			N390207.27			W1044111.47								
OLAPE			N390255.03			W1042904.44								
ROCCK			N385640.92			W1044107.81								
RUNWAYS														
RUNWAY			THRESHOLD LATITUDE			THRESHOLD LONGITUDE			THRESHOLD ELEVATION			PROCEDURE TCH		
RW17L			N384857.91			W1044108.64			06187			57		

QUALITY
25
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