

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (RNP) - 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		RNP: DA						
FSHER (IAF)		MIDAY (TF) (FB) (RNP 1.00)		339.36 / 16.00				9000		CLIMB TO 9000 ON TRACK 351.05 TO ZAMLO AND TRACK 036.00 TO JEPMA AND TRACK 116.55 TO ADANE AND HOLD.						
DRAKE (IAF)		WOVID (TF) (FB) (RNP 1.00)		271.52 / 8.01				9000								
MIDAY (IF)		KUSAC (TF) (FB) (RNP 1.00)		351.05 / 7.07				8100								
WOVID (IF)		HUNSI (TF) (FB) (RNP 1.00)		271.41 / 4.09				9000								
HUNSI		KUSAC (RF) (FB) (RNP 1.00)		(2.79 NM RADIUS CW (CFCDP))/3.88				8100		ADDITIONAL FLIGHT DATA: HOLD SE, RT, 295.97 INBOUND. DISTANCE TO THLD FROM 297 HAT: 0.85 NM. ROUTE TYPE: A,H CHART R-2601 ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 6100.3 MSL (DO NOT CHART)						
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 9E EPOCH YEAR: 2010						
2. PROFILE STARTS AT KUSAC																
3. FAC: 351.05 FAF: _____ DIST FAF TO MAP: _____ THLD: _____																
4. MIN. ALT: KUSAC 8100																
5. DIST TO THLD FROM OM: 6.28 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: 8100 GS ALT AT: KUSAC 8100 OM: _____ MM: _____ IM: _____																
7. GS ANGLE: 3.00 TCH: 55.1 # 34:1 IS CLEAR																
8. MSA FROM: RW35L 15400																
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
AUTHORIZATION REQUIRED																
RNP 0.15 DA		6372	3000	297	6372	3000	297	6372	3000	297	6372	3000	297			
RNP 0.30 DA		6427	4000	352	6427	4000	352	6427	4000	352	6427	4000	352			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21C (-5F) OR ABOVE 45C (113F). CHART NOTE: GPS REQUIRED. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). (CONTINUED ON PAGE 2)																
CITY AND STATE COLORADO SPRINGS, CO		ELEVATION: 6187 TDZE: 6075 AIRPORT NAME: CITY OF COLORADO SPRINGS MUNI			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 35L, AMDT 1 05/26/2016						SUP: AMDT: ORIG-A DATED 08/25/2011			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION				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.	
RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33					
TERMINAL ROUTES, (CONT.):					
FROM		TO RW35L	COURSE AND DISTANCE	ALTITUDE	
KUSAC (FAF)		RW35L (MAP) (FO) (TF)	351.05 / 6.28		
RW35L (MAP)		ZAMLO (TF) (FB) (RNP 1.00)	351.05 / 8.23		
ZAMLO		JEPMA (TF) (FB) (RNP 1.00)	036.00 / 8.00		
JEPMA		ADANE (TF) (FO) (RNP 1.00)	116.55 / 11.27	9000	
NOTES, (CONT.):					
CHART PLANVIEW NOTE ADJACENT TO DRAKE IAF: RF REQUIRED.					
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.					
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DRAKE ON V83 SOUTHEAST BOUND AND V389 SOUTHBOUND.					
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FSHER ON V244 EASTBOUND.					
CHART NOTE: FOR INOPERATIVE MALSR INCREASE RNP 0.15 VISIBILITY ALL CATS TO RVR 5000.					
CHART NOTE: RADAR MONITORING REQUIRED WHEN R-2601 IN USE.					
CHART SPEED ICON IN PLANVIEW AT HUNSI: MAX 180 KIAS.					
CITY AND STATE		ELEVATION: 6187	TDZE: 6075	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
COLORADO SPRINGS, CO		AIRPORT NAME:		RNAV	RNAV (RNP) Z RWY 35L, AMDT 1, 05/26/2016
		CITY OF COLORADO SPRINGS MUNI			
					SUP:
					AMDT: ORIG-A
					DATED: 08/25/2011

QUALITY
25
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - 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.		
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
DRAKE	010	DRAKE	IF	FB										E A
DRAKE	020	WOVID	TF	FB	1.0							AA 09000		E B
DRAKE	030	HUNSI	TF	FB	1.0							AA 09000	AB 180	E
DRAKE	040	KUSAC	RF	FB	1.0				R	CFCDP	02.79	AA 08100		EE
FSHER	010	FSHER	IF	FB										E A
FSHER	020	MIDAY	TF	FB	1.0							AA 09000		E B
FSHER	030	KUSAC	TF	FB	1.0							AA 08100		EE
	020	KUSAC	IF	FB						RW35L		AA 08100		E F
	030	RW35L	TF	FO	0.3			3.00				AT 06100		GY M
	040	ZAMLO	TF	FB	1.0									E M
	050	JEPMA	TF	FB	1.0									E
	060	ADANE	TF	FO	1.0							AA 09000		EY
	070	ADANE	HM	FO		296.0			R			AA 09000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
ADANE			N385457.26			W1042356.46								
DRAKE			N383624.05			W1042451.18								
FSHER			N381834.88			W1043851.14								
CFCDP			N384120.53			W1043924.06								
HUNSI			N383835.76			W1044002.49								
JEPMA			N390131.40			W1043541.28								
KUSAC			N384120.73			W1044257.78								
MIDAY			N383416.16			W1044258.24								
WOVID			N383751.44			W1043454.16								
ZAMLO			N385551.89			W1044256.81								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE		THRESHOLD LONGITUDE		THRESHOLD ELEVATION		PROCEDURE TCH						
RW35L		N384737.76		W1044257.36		06045		55.1						

QUALITY
28
CHECKED

CITY AND STATE COLORADO SPRINGS, CO	ELEVATION: 6187 TDZE: 6075 AIRPORT NAME: CITY OF COLORADO SPRINGS MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 35L, AMDT 1, 05/26/2016	SUP: <hr/> AMDT: ORIG-A <hr/> DATED: 08/25/2011
---	---	--	---	---