

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27										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		MAP: 5.96 NM AFTER PETEY LOM								
BRK VOR/DME			PETEY LOM			186.55 / 15.49			11000		CLIMB TO 6700 THEN CLIMBING RIGHT TURN TO 9000 ON HEADING 051 AND ON BRK VOR/DME R-091 TO ADANE INT/BRK 11.11 DME AND HOLD. ALTERNATE MA (DO NOT CHART): CLIMB TO 6700 THEN CLIMBING RIGHT TURN TO 9000 ON HEADING 104 AND ON PUB VORTAC R-354 TO DRAKE INT/PUB 18.74 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 270.80 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N DRAKE INT/PUB 18.74 DME, RT, 174.19 INBOUND. CHART FAS OBST: 6228 POLE 384646N/1044133W CHART R-2601. CHART IN PLANVIEW: DRAKE INT/PUB 18.74 DME. CHART CIRCLING ICON. CHART 10800 PRIOR TO PETEY LOM IN PROFILE. PETEY LOM TO RWY 35L: 2.98/71.1								
PUB VORTAC (IAF)			MIDAY INT/PUB 21.41 DME			312.93 / 21.41			8000										
MIDAY INT/PUB 21.41 DME (IF)			PETEY LOM			351.94 / 7.38			8000										
1. PT <u>L</u> SIDE OF COURSE <u>171.94</u> OUTBOUND <u>8000</u> FT WITHIN <u>10</u> MILES OF <u>PETEY LOM</u> (IAF)										MAG VAR: 8E EPOCH YEAR: 2020									
2.																			
3. FAC <u>352.18</u> FAF <u>PETEY LOM</u> DIST FAF TO MAP <u>5.96</u> THLD <u>5.96</u>																			
4. MIN. ALT <u>PETEY LOM 8000</u>																			
8. MSA FROM: <u>CO LOM 071-201 8100, 201-341 15400, 341-071 9100</u>																			
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		STANDARD @											
CATEGORY =====>		A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
S-35L	6540	4000	465	6540	4000	465	6540	5000	465	6540	5000	465							
CIRCLING	6740	1	553	6800	1	613	7040	2 1/2	853	7260	3	1073							
NOTES:																			
CHART NOTE: RADAR MONITORING REQUIRED WHEN R-2601 IN USE.										@ CAT C 900-2 1/2, CAT D 1100-3									
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PUB VORTAC AIRWAY RADIALS 267 CW 354.										QUALITY 25 CHECKED									
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-35L CATS C AND D VISIBILITY TO 1 3/8 MILE.																			
CITY AND STATE COLORADO SPRINGS, CO		ELEVATION: 6187 AIRPORT NAME:		TDZE: 6075 CITY OF COLORADO SPRINGS MUNI		FACILITY IDENTIFIER: CO		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 35L, AMDT 27A				SUP AMDT 27 DATE 05/26/2016							

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div>X</div>		AAT <div></div>		ALPA <div>X</div>	
APA <div>X</div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify) <div>X</div>		ZDV, COS APP CON, COS ATCT, AMGR			
FLIGHT CHECKED BY					
NAME:		Stephen Jutras		FIFO FICO	
		Digitally signed by JACOB POWERS Jul 10, 2017		DATE: 05/19/17	
DEVELOPED BY					
NAME:		KISSY MAXFIELD		FIFO AJV-5412	
Digitally signed by KISSY MAXFIELD Apr 05, 2017				DATE: 03/01/2017	
APPROVED BY					
NAME:		GEORGE E. DAVIS		FIFO AJV-5410	
		Digitally signed by JACOB POWERS Jul 10, 2017		DATE:	
		MANAGER			
CHANGES:					
1. PETEY LOM MAGVAR CHANGED FROM 9E TO 8E. 2. CHANGED ALL COURSES ACCORDINGLY.					
REASONS:					
1, 2. AIRPORTS SERVES CAT II/III PROCEDURES, MAGVAR OUT OF TOLERANCE.					
THIS DOES NOT QUALIFY AS A PERIODIC REVIEW.					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.	
FEEDER	BRK VOR/DME	PETLEY LOM	1. TOWER (08-000079)	384441.00N/1045144.00W	9795 (4D)	2000	SA-795	11000	
			2. TERRAIN	385724.00N/1044139.00W	6999 (7000)		AS1500	8500	
INITIAL	PUB VORTAC	MIDAY INT/PUB	3. TOWER (08-000066)	382224.00N/1043329.00W	6303 (4D)	1000	AT697	8000	
		21.41 DME	4. TERRAIN	383412.00N/1044803.00W	5850 (5900)		AS1500	7400	
INTERMEDIATE	MIDAY INT/PUB	PETLEY LOM	5. AAO	383221.00N/1044809.00W	6273 (4E)	500	AT1145 SA-16 AC98	8000	
	21.41 DME		6. TERRAIN	383603.00N/1044706.00W	5863 (5900)		AS1500	7400	
INTERMEDIATE: PT	10 NM	PETLEY LOM	7. AAO	384048.00N/1044445.00W	5991 (4E)	500	AT1411 AC98	8000	
			8. TERRAIN	384048.00N/1044445.00W	5791 (5800)		AS1500	7300	
FINAL	PETLEY LOM	5.96 NM AFTER	9. POLE (KCOST000237)	384645.99N/1044132.63W	6228 (1A)	300		6540	
		PETLEY LOM							
ENTRY ZONE			1. TOWER (08-000079)	384441.00N/1045144.00W	9795 (4D)	1000	SA-852 AT857	10800	
2. PROCEDURE TURN	PETLEY LOM	10 NM	10. AAO	384133.00N/1045312.00W	7960 (4E)	1000	SA-999	8000	
			11. TERRAIN	383924.00N/1045039.00W	6697 (6700)		AS1000	7700	
3. MISSED APPROACH	MAP: 5.96 NM AFTER	ADANE INT/BRK				ASC		9000	
	PETLEY LOM	11.11 DME	12. AAO	385727.00N/1043533.00W	7158 (4E)	1000		8200	
	ELEV: 6240		13. TERRAIN	385727.00N/1043533.00W	6958 (7000)		AS1500	8500	
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED 350	553	14. TREE	385043.49N/1044218.80W	6429 (2C)	300	6740	
CATEGORY B	1.5 NM	450	613	15. TREE	385118.69N/1044159.87W	6489 (2C)	300	6800	
CATEGORY C	1.7 NM	450	853	16. TOWER (08-000099)	385215.00N/1044418.00W	6677 (4D)	300	AC50 7040	
CATEGORY D	2.3 NM	550	1073	17. AAO	385339.59N/1044338.96W	6959 (2C)	300	7260	
CATEGORY E	4.5 NM	550							
5. MINIMUM SAFE ALTITUDES									
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
071-201	AAO	216/10.8	7034 (4E)	8100	341-071	AAO	338/27.3	8081 (2C)	9100
201-341	AAO	291/17.7	14310 (2C)	15400					
CITY AND STATE	ELEVATION: 6187	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION					
COLORADO SPRINGS, CO	AIRPORT NAME: CITY OF COLORADO SPRINGS MUNI	COS NDB	NDB RWY 35L, AMDT 27A	ANM					

QUALITY
25
CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME. PRECIPITOUS TERRAIN EVALUATION COMPLETED. 3: SOURCE: KCOS. ASOS IS ON SERVICE-A. REDUNDANT WEATHER AVAILABLE INCLUDING THE NATIONAL WEATHER SERVICE (NWS), BACKUP ALTIMETER SETTING NOT REQUIRED. VGSI DATA: 3.00/71.1 ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.42NM CAT B: 2.05NM CAT C: 3.25NM CAT D: 4.26NM NO ADDITIONAL AIRSPACE REQUIRED. 30' VEGETATION APPLICATION PER FPT AND AIRPORT PLANNING MANAGER. MISSED APPROACH OBSTACLES CONT. ALTERNATE: ASC 9000 18. TOWER (08-000852) 385201.68N/1043503.79W 6974 (5E) 1000 8000 19. TERRAIN 385136.00N/1043457.00W 6690 (6700) AS1500 8200													
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING															
COS TOWER ZDV ARTCC DEN APP CON				X	N W S	OTHER: ASOS			SOURCE:KCOS														
									DISTANCE:														
									HOURS REMOTE OPERATION:														
SATISFACTORY ON:						F A A	A / C	LOCATION: KCOS												ADJUSTMENT: 0			
X	V H F	X	U H F						H F														
4. MONITOR STATUS	PRIMARY NAVAID: COS NDB																						
	MONITOR POINT: KCOS ATCT																						
	HRS	CAT 1	24																				
	OPTN:	CAT 3																					
5. APPROACH & RUNWAY LIGHTING				ALS																			
				(S) SALS																			
	X	MALSR 17L, 35L																					
	X	HIRL 17L, 17R, 35L, 35R																					
	X	MIRL 13, 31																					
	X	REIL 13, 17R, 31, 35R																					
	X	TDZ 17L, 35R																					
	X	C/L 17L, 35R																					
	X	OTHER (SPECIFY) PAPI-4R 13, 35R PAPI-4L 17L, 17R, 31, 35L																					
6. RUNWAY MARKINGS		BASIC																					
		ALL WEATHER PIR-G 17L, 17R, 35L, 35R																					
		INSTRUMENT NPI-G 13, 31																					
7. RUNWAY VISUAL RANGE		APPROACH 17L, 35L, 35R																					
		MIDFIELD																					
		ROLL OUT 17L, 17R, 35R																					
8. GLIDE PATH		GP ANGLE:						ELEV RWY THRESHOLD:															
		DISTANCE FROM RWY:						ELEV GP ANTENNA:															
								THRESHOLD CROSSING HEIGHT:															
9. FINAL APPROACH COURSE AIMING		X	RUNWAY THRESHOLD							FT. FROM THRESHOLD													
		X	ON CENTERLINE							FT. FROM CENTERLINE													
10. WAIVERS: NONE																							
PART D - PREPARED BY: KISSY MAXFIELD										DATE: 03/01/2017													
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412													

