

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23										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: 2.61 NM AFTER CLL VORTAC OR AT 2.61 DME																			
CIGSO/15.00 DME CW (IAF)			ILLED/15.00 DME (NOPT)			15.00 DME ARC			2000		CLIMB TO 3100 ON CLL VORTAC R-101 TO JUDDY INT/CLL 15.00 DME AND HOLD.																			
GASEC/15.00 DME CCW (IAF)			ILLED/15.00 DME (NOPT)			15.00 DME ARC			2000																					
ILLED/15.00 DME (IF)			OKIGE/5.00 DME			100.08 / 10.00 (CLL R-280)			2000																					
OKIGE/5.00 DME			CLL VORTAC			100.08 / 5.00			1300																					
										ADDITIONAL FLIGHT DATA: HOLD E, RT, 280.75 INBOUND. CHART FAS OBST: 475 TOWER 303613N/0962216W. CHART VDP AT 1.45 DME DISTANCE VDP TO THLD 1.16 NM. CHART CLL R-232 AT CIGSO. CHART CLL R-318 AT GASEC. CHART CIRCLING ICON. CLL VORTAC TO RW10: 3.36/50.																				
1. PT <u>L</u> SIDE OF COURSE <u>280.08</u> OUTBOUND <u>2100</u> FT WITHIN <u>10</u> MILES OF <u>* CLL VORTAC</u> (IAF)										MAG VAR: 8E EPOCH YEAR: 1965																				
2.																														
3. FAC <u>100.08</u> FAF <u>CLL VORTAC</u> DIST FAF TO MAP <u>2.61</u> THLD <u>2.61</u>																														
4. MIN. ALT <u>CLL VORTAC 1300</u>																														
8. MSA FROM: <u>CLL VORTAC 360-120 3000, 120-360 2300</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-10	740	1	421	740	1	421	740	1 1/4	421	740	1 1/4	421	740	1 1/4	421															
CIRCLING	860	1	539	880	1	559	1000	2	679	1180	2 3/4	859	1180	3	859															
NOTES:																														
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: *PROCEDURE TURN NA FOR CAT E CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.										# NA WHEN LOCAL WEATHER NOT AVAILABLE. @ CAT D 900-2 3/4, CAT E 900-3																				
<div>QUALITY 40 CHECKED</div>																														
																CITY AND STATE COLLEGE STATION, TX			ELEVATION: 321 TDZE: 319 AIRPORT NAME: EASTERWOOD FIELD			FACILITY IDENTIFIER: CLL			PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR OR TACAN RWY 10, AMDT 19D			SUP		
																												AMDT 19C DATE 12/11/2014		

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><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input checked="" type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify)		<div><input checked="" type="checkbox"/>ZHU, IAH APP CON, CLL ATCT, AMGR, ST. AV. DIR.</div>			
FLIGHT CHECKED BY					
NAME:ROBIN CAUDLE <div>Digitally signed by ADOLFO D URRUTIA</div>				FIFO FICO	DATE: 12/7/17
DEVELOPED BY <div>Digitally signed by Dec 20, 2017</div>					
NAME:HERMAN C. ROGERS <div>HERMAN C ROGERS Dec 20, 2017</div>				FIFO AJV-5432	DATE: 09/13/2017
APPROVED BY					
NAME:PATRICK MULQUEEN <div>Digitally signed by ADOLFO D URRUTIA MANAGER</div>				FIFO AJV-5430	DATE:
CHANGES: <div>Dec 20, 2017</div> <div>1. INCREASED PT INITIAL ALTITUDE FROM 2000 TO 2100. 2. UPDATED HELICOPTER VISIBILITY REDUCTION NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED". 3. CHANGED VDP TO THLD DIST FROM 1.10 NM TO 1.16 NM AND VDP DME FROM 1.51. TO 1.45. 4. ADDED CHART CIRCLING NOTE TO ADDITIONAL FLIGHT DATA. 5. CHANGED CAT CIRCLING C MDA FROM 880 TO 1000 AND VISIBILITY FROM 1 1/2 TO 2 AND CAT D MDA FROM 1000 TO 1180 AND VISIBILITY FROM 2 1/2 TO 2 3/4. 6. CHANGED S-10 CAT E VISIBILITY FROM 1 1/2 TO 1 1/4. 7. UPDATED FAS OBST FROM A 470 TOWER TO A 475 TOWER. 8. ESTABLISHED BACKUP ALTIMETER SETTING NOTES IN REMARKS ON 8260-9. 9. LOWERED MSA SECTOR 360-120 FROM 3100 TO 3000.</div>					
REASONS: <div>1. NEW OBSTACLE DATA. 2. 34:1 VISUAL SURFACE PENETRATED, NOTE CHANGED TO CUREENT FORMAT. 3. IAPA GENERATED VALUES. 4/5. 8260.3 NEW CIRCLING CRITERIA APPLIED, VISIBILITY UPDATED PER AFS VALIDATED VISCHECK CALCULATOR. 6. VISIBILITY UPDATED PER AFS VALIDATED VISCHECK CALCULATOR. 7. NEW OBSTACLE/SURVEY DATA. 8. NO LONGER REQUIRED TO PUBLISH BACKUP ALTIMETER SETTING NOTES WHEN PRIMARY IS CONNECTED TO WMSCR. 9. NEW CONTROLLING OBSTACLE.</div> <div>12/20/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/08/2017. 1. ADDED * TO CLL VORTAC ON LINE 1.</div>					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.		
INITIAL: ARC		CIGSO/15.00 DME	ILLED/15.00 DME	1. TOWER (48-008751)	303037.65N/0964415.39W	910 (1A)	1000		2000		
		CW		2. TERRAIN	303709.00N/0964706.00W	516 (500)		AS1500	2000		
INITIAL: ARC		GASEC/15.00 DME	ILLED/15.00 DME	3. TOWER (48-011385)	304812.96N/0964136.24W	738 (2C)	1000		1800		
		CCW		4. TERRAIN	304133.00N/0964224.00W	499 (500)		AS1500	2000		
INTERMEDIATE		ILLED/15.00 DME	OKIGE/5.00 DME	5. TOWER (48-002210)	304047.00N/0964022.00W	685 (2C)	500		1200		
				6. TERRAIN	304124.00N/0963927.00W	473 (500)		AS1500	2000		
INTERMEDIATE:		OKIGE/5.00 DME	CLL VORTAC	7. TOWER (48-009560)	303912.30N/0962934.88W	547 (1A)	500		1100		
STEPDOWN				8. TERRAIN	303800.00N/0962636.00W	309 (300)		AS1000	1300		
INTERMEDIATE: PT		10 NM	CLL VORTAC	9. TOWER (48-010522)	303651.08N/0963409.71W	596 (1A)	500		1100		
				8. TERRAIN	303800.00N/0962636.00W	309 (300)		AS1000	1300		
FINAL		CLL VORTAC	2.61 NM AFTER	10. TOWER (48-028013)	303612.70N/0962216.39W	475 (1A)	250		740		
			CLL VORTAC OR								
			AT 2.61 DME								
2. PROCEDURE TURN		CLL VORTAC	10 NM	11. TOWER (48-003334)	304116.22N/0962532.44W	1022 (1A)	1000		2100		
				12. TERRAIN	304124.00N/0964209.00W	479 (500)		AS1500	2000		
3. MISSED APPROACH	MAP:	2.61 NM AFTER CLL	JUDDY INT/CLL				ASC		3100		
		VORTAC OR AT	15.00 DME	13. TOWER (48-010272)	302844.28N/0961016.32W	573 (2C)	1000		1600		
	ELEV:	490		14. TERRAIN	303324.00N/0961751.00W	361 (400)		AS1500	1900		
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	539	15. TOWER (48-001495)	303553.00N/0962011.00W	487 (4D)	300	AC50 XP23	860
CATEGORY B	1.5 NM		450		559	16. BLDG (48-005711)	303634.00N/0962029.00W	564 (1A)	300		880
CATEGORY C	1.7 NM		450		679	17. TOWER (48-002331)	303747.73N/0962034.31W	684 (2A)	300		1000
CATEGORY D	2.3 NM		550		859	18. TOWER (48-000033)	303902.00N/0962058.00W	823 (4D)	300	AC50	1180
CATEGORY E	4.5 NM		550		859	18. TOWER (48-000033)	303902.00N/0962058.00W	823 (4D)	300	AC50	1180
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID: CLL VORTAC							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A		
360-120	TWR (48-004538)	090/20.4	1982 (5D)	3000							
120-360	TWR (48-008192)	282/23.0	1270 (5D)	2300							
CITY AND STATE		ELEVATION: 321		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION			
COLLEGE STATION, TX		AIRPORT NAME: EASTERWOOD FIELD		CLL VORTAC		VOR OR TACAN RWY 10, AMDT 19D		ASW			

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING				PRECIPITOUS TERRAIN EVALUATION COMPLETED.	
CLL TOWER ZHU ARTCC				N W S		OTHER: ASOS		SOURCE: KCLL / KRWV				BACKUP ALTIMETER SETTING NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CALDWELL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE S-10 CAT C/D/E VISIBILITY TO 1 3/8 SM AND CIRCLING CAT D VISIBILITY TO 3 SM. VDP NA WHEN USING CALDWELL ALTIMETER SETTING.	
				F A A				DISTANCE: 0 / 18.13					
				A / C				HOURS REMOTE OPERATION: 0/YES / 24/YES					
SATISFACTORY ON:													
X	V	H	F	X	U	H	F	LOCATION: KCLL				ADJUSTMENT: 52	
4. MONITOR STATUS		PRIMARY NAVAID: CLL VORTAC										"VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 367 POLE (48-115956) 303532.21N/0962241.89W (2.43) 365 POLE (48-028017) 303532.15N/0962241.83W (0.63) 359 POLE (48-092005) 303531.16N/0962239.77W (0.59) 379 TREE (48-037970) 303538.58N/0962240.95W (10.62) 376 TREE (48-094767) 303538.37N/0962241.17W (7.29) 357 TREE (48-071237) 303530.33N/0962237.68W (4.47) 373 TREE (48-038586) 303536.27N/0962242.66W (2.67) 350 TREE (48-115787) 303530.83N/0962235.96W (1.18) 352 TREE (48-065319) 303531.04N/0962236.94W (0.59) 371 TREE (48-116133) 303533.30N/0962244.00W (0.25) 369 TREE (48-065274) 303534.07N/0962242.90W (0.19)	
		MONITOR POINT: MOCC											
		HRS OPTN:	CAT 1	24									
5. APPROACH & RUNWAY LIGHTING		ALS										FPT REQUESTS CAT A CIRCLING MDA 860 DUE TO OE EVALUATIONS (TEMP CRANES STILL IN EFFECT). VEGETATION HEIGHT USED 75 FEET PER HIGHEST ESTIMATED AGL SURVEYED TREE. VGS1 DATA: 3.00/TCH 50 ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.82NM CAT C: 2.85NM CAT D: 3.73NM CAT E: 4.66NM NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS THE SAME KCLL 321, KRWV 391 RA = 51.57.	
		(S) SALS											
		X	MALSR 34 (PCL)										
		X	HIRL 16 (PCL), 34 (PCL)										
		X	MIRL 10 (PCL), 28 (PCL)										
		X	REIL 28 (PCL)										
		TDZ											
		C/LINE											
		X	OTHER (SPECIFY) VASI-4L 10, 28 VASI-4R 16										
6. RUNWAY MARKINGS		BASIC BSC-G 22; -F 04										ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.82NM CAT C: 2.85NM CAT D: 3.73NM CAT E: 4.66NM	
		ALL WEATHER PIR-G 16, 34											
		INSTRUMENT NPI-G 10, 28											
7. RUNWAY VISUAL RANGE		APPROACH										NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS THE SAME KCLL 321, KRWV 391 RA = 51.57.	
		MIDFIELD											
		ROLL OUT											
8. GLIDE PATH		GP ANGLE:					ELEV RWY THRESHOLD:					XP 23: TO MAINTAIN PUBLISHED MDA	
		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: HERMAN C. ROGERS										DATE: 09/13/2017			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5432			