

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KCLL	<u>PROCEDURE NAME</u> VOR OR TACAN RWY 11	<u>ORIGINAL/AMENDMENT</u> 19F	<u>CITY</u> COLLEGE STATION	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 321	<u>TDZE</u> 319	<u>SUPERSEDED</u> VOR OR TACAN RWY 11	<u>ORIGINAL/AMENDMENT</u> 19E	<u>DATED</u> 02/28/2019	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> CLL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CIGSO/15.00 DME CW	IAF	ILLED/15.00 DME	NOPT				15.00 DME ARC		2000
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

MISSED APPROACH

MAP:

2.61 NM AFTER CLL VORTAC OR AT 2.61 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 ON CLL VORTAC R-101 TO JUDDY INT/CLL 15.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 280.08 OUTBOUND 2100 FT WITHIN 10 MILES OF CLL VORTAC (IAF)

2.

3. FAC: 100.08 FAF: CLL VORTAC DIST FAF TO MAP: 2.61 DIST FAF TO THLD: 2.61

4. MIN ALT: OKIGE/5.00 DME 2000, CLL VORTAC 1300

8. MSA FROM: CLL VORTAC 360-120 3000, 120-360 2300



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR PROCEDURE ENTRY.

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 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 280.75 INBOUND.
CHART FAS OBST: 475 TOWER (48-028013) 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 RW11: 3.36/50.

MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, CAT E 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-11	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

CHANGES - REASONS

1. PROFILE LINE 1: REMOVED "" FROM CLL VORTAC (IAF) AND FROM CORRESPONDING NOTE PROCEDURE TURN NA FOR CAT E - NO LONGER REQUIRED PER CURRENT CRITERIA.
2. PROFILE LINE 4: MIN ALT CHANGED FROM OKIGE 2000 TO OKIGE/5.00 DME 2000 - PER CURRENT CRITERIA.
3. ADDITIONAL FLIGHT DATA: CLL VORTAC TO RW10: 3.36/50 CHANGED TO CLL VORTAC RW11: 3.36/50 - RUNWAY NUMBERING UPDATED AT LAST AMDT, FORM CORRECTION.
4. ALTERNATE MINS CHANGED FROM NA WHEN LOCAL WEATHER NOT AVAILABLE.; STANDARD - CAT D 900-2 3/4, CAT E 900-3 TO STANDARD - CAT D 900-2 3/4, CAT E 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE - REFORMATTED PER CURRENT CRITERIA

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZHU, IAH APP CON, CLL ATCT, AMGR, ST. AV. DIR.

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

DEVELOPED BY

TARA MARTINELLI

APPROVED BY

DAVID DANNER

OFFICE

DATE

DAVID DANNER

Mar 15, 2023

OFFICE

DATE

DAVID DANNER

Mar 15, 2023

MANAGER

35

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KCLL	<u>PROCEDURE NAME</u> VOR OR TACAN RWY 11	<u>AMDT NO.</u> 19F	<u>CITY</u> COLLEGE STATION	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 321	<u>FACILITY</u> CLL
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL: ARC

FROM
CIGSO/15.00 DME CW

TO
ILLED/15.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (48-008751)	303037.65N/0964415.39W		910	20	3	1A	1000					2000
2.TERRAIN	303709.00N/0964706.00W		516 (500)								AS1500	2000

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

INITIAL: ARC

FROM
GASEC/15.00 DME CCW

TO
ILLED/15.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (48-011385)	304812.96N/0964136.24W		738	50	20	2C	1000					1800
4.TERRAIN	304133.00N/0964224.00W		499 (500)								AS1500	2000

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



INTERMEDIATE

FROM
ILLED/15.00 DME

TO
OKIGE/5.00 DME

RNP	DISTANCE 10.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.TOWER (48-002210)	304047.00N/0964022.00W		685	50	20	2C	500					1200
6.TERRAIN	304124.00N/0963927.00W		473 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM
OKIGE/5.00 DME

TO
CLL VORTAC

RNP	DISTANCE 5.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.TOWER (48-009560)	303912.30N/0962934.88W		547	20	3	1A	500					1100
8.TERRAIN	303800.00N/0962636.00W		309 (300)								AS1000	1300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: PT

FROM
10 NM

TO
CLL VORTAC

RNP	DISTANCE 10.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TOWER (48-010522)	303651.08N/0963409.71W		596	20	3	1A	500					1100
8.TERRAIN	303800.00N/0962636.00W		309 (300)								AS1000	1300

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL

FROM
CLL VORTAC

TO
2.61 NM AFTER CLL VORTAC OR AT 2.61 DME

RNP	DISTANCE 2.61	PAT	MAP 2.61 NM AFTER CLL VORTAC OR AT 2.61 DME	HAT 421			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.TOWER (48-028013)	303612.70N/0962216.39W		475	20	3	1A	250					740

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



PROCEDURE TURN

FROM
CLL VORTAC

TO
10 NM

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TOWER (48-003334)	304116.22N/0962532.44W		1022	20	3	1A	1000					2100
12.TERRAIN	304124.00N/0964209.00W		479 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

ADD * TO CLL VORTAC

MISSED APPROACH

FROM
2.61 NM AFTER CLL VORTAC OR AT 2.61 DME

TO
JUDDY INT/CLL 15.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 490					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3100
13.TOWER (48-010272)	302844.28N/0961016.32W		573	50	20	2C	1000					1600
14.TERRAIN	303324.00N/0961751.00W		361 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



<u>AIRPORT ID</u> KCLL	<u>PROCEDURE NAME</u> VOR OR TACAN RWY 11	<u>AMDT NO.</u> 19F	<u>CITY</u> COLLEGE STATION	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 321	<u>FACILITY</u> CLL
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CIRCLING

☒ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☒ CAT E

☐ NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
15.TOWER (48-001495)	303553.00N/0962011.00W	1.30	539	487	250	50	4D	300		AC50 XP23	860
CATEGORY B											
16.BUILDING (48-005711)	303634.00N/0962029.00W	1.82	559	564	20	3	1A	300			880
CATEGORY C											
17.TOWER (48-002331)	303747.73N/0962034.31W	2.85	679	684	50	3	2A	300			1000
CATEGORY D											
18.TOWER (48-000033)	303902.00N/0962058.00W	3.73	859	823	250	50	4D	300		AC50	1180
CATEGORY E											
18.TOWER (48-000033)	303902.00N/0962058.00W	4.66	859	823	250	50	4D	300		AC50	1180

CIRCLING REMARKS:
XP 23: TO MAINTAIN PUBLISHED MDA

MSA

<u>CENTER</u> CLL VORTAC	<u>RADIUS</u> 25
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<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-120	TWR (48-004538)	303316.54N/0960152.39W	090	20.4	1982	500	50	5D	1000			3000
120-360	TWR (48-008192)	304416.00N/0965014.00W	282	23.0	1270	500	50	5D	1000			2300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZHU ARTCC, CLL TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KCLL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KCLL	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> KRWV	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KRWV	<u>DISTANCE</u> 18.13	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 52

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KCLL 321, KRWV 391
RA = 51.57.

<u>PRIMARY NAVAID</u> CLL VORTAC	<u>MONITOR POINT</u> MOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW04	BSC-F	
RW22	BSC-G	
RW11 - MIRL (PCL), VASI-4L	NPI-G	
RW29 - MIRL (PCL), REIL, VASI-4L	NPI-G	
RW17 - HIRL (PCL), VASI-4R	PIR-G	
RW35 - MALSR (PCL), HIRL (PCL)	PIR-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 49.8
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	S-11
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)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BACKUP ALTIMETER SETTING NOTES:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CALDWELL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE S-11 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.

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.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID KCLL	PROCEDURE NAME VOR OR TACAN RWY 11	AMDT NO. 19F	CITY COLLEGE STATION	STATE TX	AIRPORT ELEVATION 321	FACILITY CLL
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	FAF	TO 1000FT POINT	7.00
WIDTH OF	INTERMEDIATE	SEGMENT AT 1000FT POINT	4.80
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	108.8
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	FAF	TO 1500FT POINT	7.00
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.80
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	108.8
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	300
THRESHOLD COORDINATES (IF STR-IN)	303529.29N/0962222.06W		
ARP COORDINATES	303516.95N/0962145.16W		
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 35 DISTANCE 0.70 NM		
FAF COORDINATES	303618.01N/0962514.45W		
FIX NAME COORDINATES			
REMARKS	NO ADDITIONAL AIRSPACE REQUIRED.		

QUALITY
35
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> TARA MARTINELLI	<u>OFFICE</u> AJV-A442	<u>DATE</u> 03/10/2023	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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