

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25

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> KFOA	<u>PROCEDURE NAME</u> LOC RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-G	<u>CITY</u> FLORA	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 473	<u>TDZE</u> 470	<u>SUPERSEDED</u> LOC RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-F	<u>DATED</u> 01/27/2022	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RTT	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
BIB VORTAC	IAF	LASDE/I-RTT 10.99 DME	NOPT				131.06	9.06	2200
LASDE/I-RTT 10.99 DME	IF/IAF	NEDGE/I-RTT 5.99 DME					210.64	5.00 (I-RTT)	2100

MISSED APPROACH

MAP:

I-RTT 0.99 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2300 DIRECT BIB VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE LASDE, RT, 210.64 INBOUND, 2200 FT. IN LIEU OF PT (IAF), MAX 5000.
3. **FAC:** 210.64 **FAF:** NEDGE/I-RTT 5.99 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.00
4. **MIN ALT:** LASDE/I-RTT 10.99 DME 2200, NEDGE/I-RTT 5.99 DME 2100
8. **MSA FROM:** BIB VORTAC 2600

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 15 AND 33.
CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BIB VORTAC ON V221 WESTBOUND.



ADDITIONAL FLIGHT DATA:
NEDGE TO RW21: 3.00/44
CHART IN PLANVIEW AT LASDE: BIB 9.1 DME
HOLD S, LT, 341.02 INBOUND.
FAS OBST: 655 AAO 384419N/0882443W.
663 AAO 384518N/0882436W.
CHART VDP AT 2.33 DME
DISTANCE VDP TO THLD 1.34 NM.
CHART CIRCLING ICON.

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

ALTERNATE: NA ☒

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-21	920	1	450	920	1	450	920	1 3/8	450		NA				
CIRCLING	940	1	467	1120	1	647	1160	2	687		NA				

- CHANGES - REASONS**
- INCORPORATED CHANGES FROM P-NOTAM FOR ORIG-F INTO FORM - IAW 8260.19I PARA 8-3-4.C (3).
 - TERMINAL ROUTES: REMOVED FEEDER SEGMENT FROM SAM VOR/DME TO LASDE/I-RTT - SAM VOR DECOMMISSION PROJECT TASK (VORMON).
 - ADDITIONAL FLIGHT DATA: ADDED CHART CIRCLING ICON - NEW CIRCLING CRITERIA.
 - DELETED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAM VOR/DME ON V446 EASTBOUND - DELETED FEEDER SEGMENT.
 - CHANGED CIRCLING CAT C HAA FROM 688 TO 687 - OBSTACLE EVAL AFTER APPLYING NEW CIRCLING CRITERIA/RADII.
 - CHARTED BIB DME AT LASDE - TWO MILES OF LEAD TO TRANSITION TO LOCALIZER IAW 7-5-2 6B.

COORDINATED WITH:
A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC ARTCC, AMGR.

Digitally signed by
CASIMIR L TABAKA
Mar 16, 2022

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

OFFICE **DATE**

DEVELOPED BY
ALLAN WILL (GREG LINDSEY)

Digitally signed by
CASIMIR L TABAKA
Mar 16, 2022

Digitally signed by
CASIMIR L TABAKA
Mar 16, 2022

OFFICE **DATE**
AJV-A423 01/20/2022

OFFICE **DATE** **TITLE**
AJV-A420 MANAGER



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

<u>AIRPORT ID</u> KFOA	<u>PROCEDURE NAME</u> LOC RWY 21	<u>AMDT NO.</u> ORIG-G	<u>CITY</u> FLORA	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 473	<u>FACILITY</u> RTT
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
BIB VORTAC

TO
LASDE/I-RTT 10.99 DME

<u>RNP</u>	<u>DISTANCE</u> 9.06	<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>
												AAO	385648.00N/0882448.00W	765	164	98	4E	1000				AT435	2200
												TERRAIN	385648.00N/0882448.00W	565 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
LASDE/I-RTT 10.99 DME (IF/IAF)

TO
NEDGE/I-RTT 5.99 DME

<u>RNP</u>	<u>DISTANCE</u> 5.00	<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>
												AAO	385048.00N/0882333.00W	706	164	98	4E	500				DG796 AC98	2100
												TERRAIN	385048.00N/0882333.00W	506 (500)								AS1500	2000

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL

FROM
NEDGE/I-RTT 5.99 DME

TO
I-RTT 0.99 DME

<u>RNP</u>	<u>DISTANCE</u> 5.00	<u>PAT</u>	<u>MAP</u> I-RTT 0.99 DME	<u>HAT</u> 450			<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>
AAO	384418.93N/0882442.63W		655	50	20	2C	250					920

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

HOLD-IN-LIEU OF PT

FROM
LASDE

TO
P-6

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-6	<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>
STACKS (14-0868)	385606.00N/0881625.00W	1075	500	125	5E	1000				AT125	2200
TERRAIN	385536.00N/0881251.00W	565 (600)								AS1500	2100

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



MISSED APPROACH

FROM
I-RTT 0.99 DME

TO
BIB VORTAC

RNP	DISTANCE	PAT	MAP	HAT			HMAS 670					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2300
TOWER (17-001391)	384105.84N/0883319.90W		1030	250	50	4D	1000					2100
TERRAIN	385609.00N/0883833.00W		570 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TANK (17-002726)	384016.00N/0882745.00W	1.30	467	635	50	20	2C	300			940
CATEGORY B											
TOWER (17-003749)	383937.00N/0882929.00W	1.82	647	636	50	20	2C	300		XP180	1120
CATEGORY C											
TOWER (17-000437)	383951.00N/0883054.00W	2.86	687	792	250	50	4D	300		AC50	1160

CIRCLING REMARKS:

XP ADJUSTMENT USED TO RETAIN PREVIOUS MINIMUMS.



MSA

CENTER
BIB VORTAC

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (14-1372)	383239.00N/0885526.00W	251	23.4	1550	500	20	5C	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZKC ARTCC, STL FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KFOA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KFOA	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KOLY	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KOLY	<u>DISTANCE</u> 13.41	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 33

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KFOA 473, KOLY 482
RA = 32.3.

<u>PRIMARY NAVAID</u> RTT LOC	<u>MONITOR POINT</u> INTERNAL	<u>HRS OPERATION</u> 24	<u>CAT</u> 3
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW21 - MIRL (PCL), REIL (PCL), PVASI-PSIL (PCL)		NPI-F	
RW3 - MIRL (PCL), PVASI-PSIL (PCL)		NPI-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> 25.3
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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	LOC
34:1	
519 TREE (17-035292) 384028.18N/0882643.94W (6.98)	537 TREE (17-034476) 384031.71N/0882636.06W (6.76)
526 TREE (17-035291) 384030.72N/0882642.61W (5.87)	522 TREE (17-034475) 384030.45N/0882644.23W (4.44)
518 TREE (17-034473) 384031.16N/0882645.98W (0.62)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

CONTINGENCY ALTIMETER NOTE:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OLNEY-NOBLE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

VDP NA WHEN USING OLNEY-NOBLE ALTIMETER SETTING

RWY 15/33 TURF RWY NO LIGHTS

PRECIPITOUS TERRAIN EVALUATION COMPLETED

ORDER 8260.3 CHAPTER 2 APPLIED TO 663 AAO 384518.00N/0882436.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID KFOA</div>	<div>PROCEDURE NAME LOC RWY 21</div>	<div>AMDT NO. ORIG-G</div>	<div>CITY FLORA</div>	<div>STATE IL</div>	<div>AIRPORT ELEVATION 473</div>	<div>FACILITY RTT</div>
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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	THLD	TO 1000FT POINT	3.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.06
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	209.64
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	500
DISTANCE FROM	THLD	TO 1500FT POINT	4.80
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.60
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	209.64
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD
COORDINATES
(IF STR-IN)

384012.78N/0882654.32W

ARP COORDINATES

383953.96N/0882711.20W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 3 DISTANCE 0.44 NM

FAF
COORDINATES

384433.75N/0882344.68W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

QUALITY
24
CHECKED

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

Electronic Version

Page 7 of 8

PART E: PREPARED BY

<u>NAME</u> ALLAN WILL (GREG LINDSEY)	<u>OFFICE</u> AJV-A423	<u>DATE</u> 01/20/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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