

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29

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> KBKL	<u>PROCEDURE NAME</u> ILS OR LOC RWY 24R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> CLEVELAND	<u>STATE</u> OH		
<u>AIRPORT ELEVATION</u> 584	<u>TDZE</u> 24R 583 24L 584	<u>SUPERSEDED</u> ILS OR LOC RWY 24R	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-BFT	<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>
BOGGE/I-BFT 12.65 DME	IF/IAF	TABEY/I-BFT 6.65 DME					244.92	6.00 (I-BFT)	2400

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: I-BFT 1.07 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1120 THEN CLIMBING RIGHT TURN HEADING 350 AND DJB VOR/DME R-056 TO CROSS LLROY/DJB 25.46 DME AT OR BELOW 2000 THEN CLIMB TO 3000 ON DJB VOR/DME R-056 NE COURSE TO NEVTE/DJB 31.06 DME AND HOLD

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
- PROFILE STARTS AT BOGGE
- FAC: 244.92      FAF: TABEY/I-BFT 6.65 DME      DIST FAF TO MAP:      DIST FAF TO THLD: 5.57
- MIN ALT: BOGGE/I-BFT 12.65 DME 2400, TABEY/I-BFT 6.65 DME 2400
- DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      GS ANT: 800
- MIN GS INCPT: 2400      GS ALT AT PFAF: TABEY/I-BFT 6.65 DME 2400      OM:      MM:      IM:
- GP ANGLE: 3.00      34:1: IS NOT CLEAR      20:1: IS CLEAR      TCH: 42.2
- MSA FROM: DJB VOR/DME 3100

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.  
RADAR REQUIRED FOR PROCEDURE ENTRY.



**NOTES:**

CHART NOTE: CIRCLING RWY 6R NA AT NIGHT.

CHART NOTE: RWY 24R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: CIRCLING NA SE OF RWY 6R-24L.

CHART NOTE: S-ILS MINIMUMS NA WHEN CONTROL TOWER CLOSED.

**ADDITIONAL FLIGHT DATA:**

CHART 858 TOWER 413352N/0813356W.

HOLD NE, RT, 235.84 INBOUND.

FAS OBST: 800 AAO 413256N/0813613W.

CHART VDP AT 2.44 DME

DISTANCE VDP TO THLD 1.36 NM.

**MINIMUMS:**

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

**ALTERNATE:** NA☐

ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
S-ILS 24R	916	3/4	333	916	3/4	333	916	3/4	333	916	3/4	333			
S-LOC 24R	1060	3/4	477	1060	3/4	477	1060	1 1/8	477	1060	1 1/8	477			
SIDESTEP 24L	1060	1	476	1060	1	476	1060	1 1/2	476	1060	2	476			
CIRCLING	1060	1	476	1060	1	476	1140	1 1/2	556	1200	2	616			



**CHANGES - REASONS**

1. REMOVED FEEDER FROM CXR VOR/DME - CXR VOR/DME TO BE DECOMMISSIONED, ATC REQUEST.
2. CHANGED ALL INSTANCES OF TABEY INT/I-BFT 6.65 DME TO TABEY/I-BFT 6.65 DME - CXR VOR/DME TO BE DECOMMISSIONED, ATC REQUEST.
3. ADDED INTERMEDIATE FROM BOGGE/I-BFT 12.65 DME - ATC REQUEST.
4. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 350 TO CXR R-286 THEN CLIMB TO 3000 ON CXR VOR/DME R-286 TO CRIBS INT AND HOLD" TO "CLIMB TO 1120 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 350 AND ON DJB VOR/DME R-056 TO LLROY/DJB 25.46 DME THEN CLIMB TO 3000 ON DJB VOR/DME R-056 TO NEVTE/DJB 31.06 DME AND HOLD" - CXR VOR/DME TO BE DECOMMISSIONED, ATC REQUEST.
5. REMOVED PT IN LINE 1 - ATC REQUEST.
7. ADDED "PROFILE STARTS AT BOGGE" TO LINE 2 - 8260.19I 8-6-7.B(3).
8. CHANGED LINE 4 FROM "TABEY INT/I-BFT 6.65 DME 2400" TO "BOGGE/I-BFT 12.65 DME 2400, TABEY/I-BFT 6.65 DME 2400" - NEW IF, 8260.19I 8-6-7.D.
9. CHANGED MSA FROM "CXR VOR/DME 3100" TO "DJB VOR/DME 3100" IN LINE 8 - CXR VOR/DME TO BE DECOMMISSIONED, ATC REQUEST.
10. CHANGED EQUIPMENT REQUIREMENTS NOTE FROM "RADAR OR DME REQUIRED FOR PROCEDURE ENTRY" TO "DME REQUIRED" - DME NOW REQUIRED FOR ALL FIXES.
11. CHANGED CHART NOTE FROM "CIRCLING NA SE OF RWYS 6R AND 24L" TO "CIRCLING NA SE OF RWY 6R-24L" - 8260.19I 8-6-11.O(5)(A).
12. CHANGED "HOLD E, RT, 286.00 INBOUND" TO "HOLD NE, RT, 235.84 INBOUND" IN ADDITIONAL FLIGHT DATA - NEW MISSED APPROACH AND CLEARANCE LIMIT, ATC REQUEST.
13. CHANGED "CHART 1008 TOWER 413424N/0813209W" TO "CHART 858 TOWER 413352N/0813356W" IN ADDITIONAL FLIGHT DATA - NEW OBSTACLE EVALUATION, 7:1 AREA APPLIED.
14. CHANGED "CHART FAS OBST: 858 TOWER 413352N/0813356W" TO "FAS OBST: 800 AAO 413256N/0813613W" - NEW OBSTACLE EVALUATION.
15. CHANGED "CHART VDP AT 2.75 DME\* DISTANCE VDP TO THLD 1.67 NM \*LOC ONLY" TO "CHART VDP AT 2.44 DME DISTANCE VDP TO THLD 1.36 NM" IN ADDITIONAL FLIGHT DATA - LOWER S-LOC MDA, 8260.3E 2-6-5.B.
16. REMOVED "CHART IN PLANVIEW: CXR VOR/DME 18.56 DME AT TABEY" FROM ADDITIONAL FLIGHT DATA - CXR VOR/DME TO BE DECOMMISSIONED.
17. REMOVED "CHART IN PLANVIEW: (CFVDB) AT 413730.62N/0812720.31W" - PT REMOVED FROM PROCEDURE.
18. CHANGED S-ILS 24 DA/HAT ALL CATS FROM 917/334 TO 916/333 - NEW OBSTACLE EVALUATION.
19. CHANGED S-LOC 24 MDA/HAT ALL CATS FROM 1160/577 TO 1060/477 - NEW OBSTACLE EVALUATION, 7:1 RULE APPLIED.
20. CHANGED S-LOC 24 VISIBILITY CAT C/D FROM 1 3/8 SM TO 1 1/8 SM - 8260.3E TABLE 3-3-1.
21. CHANGED SIDESTEP 24L MDA/HAT ALL CATS FROM 1160/576 TO 1060/476 - NEW OBSTACLE EVALUATION, 7:1 RULE APPLIED.
22. CHANGED SIDESTEP 24L VISIBILITY CAT C FROM 1 5/8 SM TO 1 1/2 SM, CAT D FROM 1 5/8 SM TO 2 SM - 8260.3E 3-3-4.
23. CHANGED CIRCLING MDA/HAA CAT A/B FROM 1160/577 TO 1060/476, CAT C FROM 1160/577 TO 1140/556, CAT D FROM 1160/577 TO 1200/616 - LOWER STRAIGHT-IN MINIMUMS, EXPANDED CIRCLING AREAS APPLIED.
24. CHANGED CIRCLING VISIBILITY CAT C FROM 1 5/8 SM TO 1 1/2 SM - EXPANDED CIRCLING AREAS APPLIED, 8260.3E TABLE 3-3-7.
25. COURSE FROM BOGGE/I-BFT 12.65 DME TO TABEY/I-BFT 6.65 DME CHANGED FROM 244.91 TO 244.92 - UPDATED I-BFT AIRNAV DATA.
26. CHANGED FAC IN LINE 3 FROM 244.91 TO 244.92 - UPDATED I-BFT AIRNAV DATA.
27. CHANGED LOC MAP FROM "5.57 NM AFTER TABEY/I-BFT 6.65 DME OR AT I-BFT 1.07 DME" TO "I-BFT 1.07 DME" - DME NOW REQUIRED.
28. REMOVED "DIST FAF TO MAP: 5.57" FROM LINE 3 - 8260.19I 8-6-7.C(3).
29. ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY" EQUIPMENT REQUIREMENTS NOTES - REMOVED CXR VOR/DME FEEDER.
30. REMOVED "CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - VGSI AND ILS GLIDEPATH ARE COINCIDENT.
31. CHANGED ALTERNATE MINIMUMS FROM "ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN CONTROL TOWER CLOSED" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED" - 8260.19I 8-6-11.B.

02/23/22: THIS IS AN UPDATED COPY OF THE FORM APPROVED ON 12/08/21.

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1120 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 350 AND ON DJB VOR/DME R-056 TO LLROY/DJB 25.46 DME THEN CLIMB TO 3000 ON DJB VOR/DME R-056 TO NEVTE/DJB 31.06 DME AND HOLD" TO "CLIMB TO 1120 THEN CLIMBING RIGHT TURN HEADING 350 AND DJB VOR/DME R-056 TO CROSS LLROY/DJB 25.46 DME AT OR BELOW 2000 THEN CLIMB TO 3000 ON DJB VOR/DME R-056 NE COURSE TO NEVTE/DJB 31.06 DME AND HOLD."

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** CLE APP CON, BKL ATCT, AMGR

**FLIGHT CHECKED BY**  
GLEN BURSON FREEMAN

*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 24, 2022

**OFFICE**  
FIOG **DATE**  
01/04/2022

**DEVELOPED BY**  
ANTHONY CAPPABIANCO *Digitally signed by*  
**ANTHONY J CAPPABIANCO**  
Feb 23, 2022

**OFFICE**  
AJV-A411 **DATE**  
10/28/2021

**APPROVED BY**  
JULIE MORGAN *Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 24, 2022

**OFFICE**  
AJV-A410 **DATE**

**TITLE**  
MANAGER **31**  
QUALITY  
CHECKED

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

<u>AIRPORT ID</u> KBKL	<u>PROCEDURE NAME</u> ILS OR LOC RWY 24R	<u>AMDT NO.</u> 2	<u>CITY</u> CLEVELAND	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 584	<u>FACILITY</u> I-BFT
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PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM  
BOGGE/I-BFT 12.65 DME (IF/IAF)

TO  
TABEY/I-BFT 6.65 DME

<u>RNP</u>	<u>DISTANCE</u> 6.00	<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>
												TOWER (39-002107)	413716.20N/0812713.40W	1125	500	50	5D	500				AT775	2400
												TERRAIN	413351.00N/0812803.00W	967 (1000)								AS1000	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:

FINAL: ILS

FROM  
TABEY/I-BFT 6.65 DME

TO  
RW24R

<u>RNP</u>	<u>DISTANCE</u> 5.57	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 333			<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>
												BUILDING (39-001162)	413134.61N/0813943.80W	704	20	3	1A		34:1			MA83	916

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:



FINAL: LOC

FROM  
TABEY/I-BFT 6.65 DME

TO  
I-BFT 1.07 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.57		I-BFT 1.07 DME	477								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	413255.98N/0813613.41W		800	50	20	2C	250					1060

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: LOC SIDESTEP

FROM  
TABEY/I-BFT 6.65 DME

TO  
RW24L

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.74			476								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	413255.98N/0813613.41W		800	50	20	2C	250					1060

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 : ILS

FROM  
DA

TO  
NEVTE/DJB 31.06 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 692					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (39-001162)	413134.61N/0813943.80W		704	20	3	1A		ASC				3000
BUILDING (39-001719)	413023.58N/0814126.66W		933	20	3	1A	1000					2000
TERRAIN	413012.00N/0814154.00W		633 (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 : LOC

FROM  
I-BFT 1.07 DME

TO  
NEVTE/DJB 31.06 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 810					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
BUILDING (39-001719)	413023.58N/0814126.66W		933	20	3	1A	1000					2000
TERRAIN	413012.00N/0814154.00W		633 (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:



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											
TOWER (39-000801)	413147.86N/0813857.11W	1.30	476	758	20	3	1A	300			1060
CATEGORY B											
TOWER (39-000801)	413147.86N/0813857.11W	1.83	476	758	20	3	1A	300			1060
CATEGORY C											
TOWER (39-004339)	412917.82N/0814344.80W	2.87	556	838	20	3	1A	300			1140
CATEGORY D											
AAO	412821.23N/0814507.24W	3.75	616	900	50	20	2C	300			1200

CIRCLING REMARKS:

MSA

CENTER  
DJB VOR/DME

RADIUS  
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (39-000134)	412147.65N/0814257.40W	094	10.2	2049	250	50	4D	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
BKL TOWER, CLE APP CON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KBKL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KBKL	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> KLNN	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KLNN	<u>DISTANCE</u> 16.55	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 44

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KBKL 584, KLNN 621  
RA = 43.4

<u>PRIMARY NAVAID</u> I-BFT	<u>MONITOR POINT</u> ATCT	<u>HRS OPERATION</u> TOWER OPEN TOWER CLOSED	<u>CAT</u> 1 3
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW6R - HIRL	BSC-G	
RW24L - HIRL, REIL	BSC-G	
RW6L - HIRL, REIL, PAPI-4R	PIR-G	
RW24R - MALSF (PCL), HIRL, PAPI-4R	PIR-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 582.5	<u>TCH</u> 42.2	<u>ELEV GS ANTENNA</u> 580.3	<u>DISTANCE FROM RWY</u> 800	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 42.2
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	600
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	CIRCLING RWY 6R		
20:1			
757 STADIUM (39-038718) 413025.15N/0814158.35W (26.14)			
Final Type	S-ILS 24R AND S-LOC 24R		
34:1			
704 BUILDING (39-001162) 413134.61N/0813943.80W (30.84)		703 BUILDING (39-022732) 413135.01N/0813941.10W (24.09)	
665 POLE (39-022394) 413133.64N/0813948.87W (2.98)		679 BRIDGE (39-022589) 413135.24N/0813942.39W (2.17)	

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.

WAIVER ON FILE FOR COMPLEX MISSED APPROACH INSTRUCTIONS - ATC REQUEST OF HOLD-DOWN ALTITUDE AT LLROY TO ENSURE SEPARATION FROM POSSIBLE OVERHEAD TRAFFIC LANDING AT KCLE RWY 24L/R DESCENDING TO 3000 FT OVER IFS ALOMR AND SHERK.

94 FT SHIP MAST, 100 FT VEGETATION PER FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 858 TOWER 413352N/0813356W.

FOR CONTINGENCY PURPOSES:  
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLOUGHBY ALTIMETER SETTING AND INCREASE ALL DAS TO 960 FEET, INCREASE ALL MDAS 60 FEET AND S-LOC 24R VISIBILITY CAT C/D 1/8 SM AND CIRCLING CAT C/D 1/4 SM.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

<b>AIRPORT ID</b> KBKL	<b>PROCEDURE NAME</b> ILS OR LOC RWY 24R	<b>AMDT NO.</b> 2	<b>CITY</b> CLEVELAND	<b>STATE</b> OH	<b>AIRPORT ELEVATION</b> 584	<b>FACILITY</b> I-BFT
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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	3.38
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	237.92
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	THLD	TO 1500FT POINT	11.57
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	237.92
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD  
COORDINATES  
(IF STR-IN)

413122.39N/0814024.54W

ARP COORDINATES

413104.30N/0814057.50W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 24R DISTANCE 0.51 NM

FAF  
COORDINATES

413420.01N/0813406.97W

FIX NAME  
COORDINATES

REMARKS

THLD DISPLACED 600FT, ACTUAL COORDINATES: 413125.54N/0814017.86W.

QUALITY  
31  
CHECKED

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

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> ANTHONY CAPPABIANCO	<u>OFFICE</u> AJV-A411	<u>DATE</u> 10/28/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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