

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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> BKL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> CLEVELAND	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 584	<u>TDZE</u> 583	<u>SUPERSEDED</u> RNAV (GPS) RWY 24R	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 08/12/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MARCH 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 7W
				<u>EPOCH YEAR</u> 1990
				<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>
BRICC	IAF	SOOTO	NOPT	TF	FB	1.00	289.66	13.07	3000
SOOTO	IF/IAF	NAATE		TF	FB	1.00	265.07	5.00	2400
NAATE	FAF	JAYTO/1.64 NM TO LOLCY		TF	FB	0.30	264.99	3.08	
JAYTO/1.64 NM TO LOLCY		LOLCY	MAP	TF	FO	0.30	264.99	1.64	
LOLCY	MAP	984 MSL		CA			264.99		
984 MSL		TOMMK		DF	FB	1.00			2000
TOMMK		ZAMDO		TF	FO	1.00	339.88	5.00	3000

MISSED APPROACH

MAP:

LP: LOLCY
LNAV: LOLCY

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN DIRECT TOMMK, CROSS TOMMK AT 2000, THEN CLIMB TO 3000 ON TRACK 339.88 TO ZAMDO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|---|--------------------|----------------|-----------------------|------------------------|-------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD E SOOTO, RT, 265.07 INBOUND, 3000 IN LIEU OF PT (IF/IAF), MAX 6000. | | | | | |
| 3. FAC: 264.99 | FAF: NAATE | | DIST FAF TO MAP: 4.72 | DIST FAF TO THLD: 5.57 | |
| 4. MIN ALT: SOOTO 3000, NAATE 2400, JAYTO/1.64 NM TO LOLCY 1420 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | GS ANT: | |
| 6. MIN GP INCPT: | GP ALT AT FAF: | | | OM: | MM: |
| 7. GP ANGLE: | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: | | IM: |
| 8. MSA FROM: LOLCY 3100 | | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 24R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 6R NA AT NIGHT.
CHART NOTE: CIRCLING NA SE OF RWY 6R-24L.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 SM.
CHART NOTE: CIRCLING RWY 6R, 24L NA WHEN TOWER CLOSED.

ADDITIONAL FLIGHT DATA:

CHART CUYAHOGA COUNTY AIRPORT.
CHART MANDATORY 2000 AT TOMMK.
HOLD N, RT, 159.84 INBOUND.
CHART FAS OBST: 849 TOWER (39-000647) 413137N/0813856W, 762 TOWER (39-002511) 413155N/0813804W.
WAAS CHANNEL # 77621
REFERENCE PATH ID: W24A
FAC CROSSES RWY C/L EXTENDED 5189 FT FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 20 DEGREES.
NAATE TO RW24R: 3.00/42.2.
FICTITIOUS THRESHOLD POINT (CFFBK) DO NOT CHART.
FTP HAE: 143.1 M

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LP MDA	1020	3/4	437	1020	3/4	437	1020	1	437	1020	1	437			
LNAV MDA	1100	3/4	517	1100	3/4	517	1100	1 1/4	517	1100	1 1/4	517			
CIRCLING	1100	1	516	1100	1	516	1140	1 1/2	556	1220	2	636			

CHANGES - REASONS

1. REPLACED "CXR VOR/DME" WITH "BRICC" AS IAF TO SOOTO AND CHANGED COURSE FROM "289.61" TO "289.66" IN TERMINAL ROUTES -- CXR VOR MON.
2. CHANGED "RNP APCH" TO "RNP APCH - GPS" IN PBN REQUIREMENTS NOTES -- UPDATED IAW 8260.19J, 8-6-8.D(5)(A)1 AND 8260.58C, TABLE 1-2-1.
3. CHANGED CHART NOTE FROM "CIRCLING NA SE OF RWY 6R AND 24L" TO "CIRCLING NA SE OF RWY 6R-24L" -- UPDATED IAW 8260.19J, 8-6-12.O(5)(A).
4. ADDED "CHART NOTE: CIRCLING RWY 6R, 24L NA WHEN TOWER CLOSED" -- PUBLISHED AIRNAV RESTRICTION "RWY 06R/24L CLSD WHEN ATCT CLSD" (1/19/21).
5. ADDED OBSTACLE IDS TO FAS OBSTACLES AND CHANGED ELEVATION OF LP OBSTACLE FROM "763" TO "762" IN ADDITIONAL FLIGHT DATA -- UPDATED IAW 8260.19J, 8-6-11.C AND NEW SURVEY DATA.
6. ADDED 7:1 OBSTACLE "CHART 1028 BUILDING (39-002771) 413226N/0813358W" IN ADDITIONAL FLIGHT DATA -- NEW OBSTACLE EVALUATION.
7. FAS DATA: CRC REMAINDER CHANGED FROM "00FC7B08" TO "E1380DD3" -- FTP COORDINATES CHANGED FROM "413138.8870N/0814033.4470W" TO "413138.8865N/0814033.4465W" AND FPAP LONGITUDE CHANGED FROM "0814229.4340W" TO "0814229.4345W".
8. DELETED "CHART CIRCLING ICON" IN ADDITIONAL FLIGHT DATA -- UPDATED IAW 5/15/25 MEMO: REMOVAL OF CIRCLING ICONS.
9. CHANGED CIRCLING CAT D MDA/HAA FROM "1200/616" TO "1220/636" -- NEW CONTROLLING OBSTACLE.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

CLE APP, BKL ATCT, AMGR

FLIGHT CHECKED BY

BRIAN P CARSON

Digitally signed by

CASIMIR L TABAKA

Nov 04, 2025

OFFICE

AJF

DATE

10/29/2025

DEVELOPED BY

CASEY HILL (DANIEL C JOHNSEN)

Digitally signed by

CASEY D HILL

Aug 05, 2025

OFFICE

AJV-A421

DATE

06/25/2025

APPROVED BY

CASEY HILL

Digitally signed by

CASEY D HILL

Aug 05, 2025

OFFICE

AJV-A421

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBKL
RUNWAY	RW24R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	413138.8865N
LTP/FTP LONGITUDE	0814033.4465W
LTP/FTP ELLIPSOIDAL HEIGHT	+01431
FPAP LATITUDE	413120.2015N
FPAP LONGITUDE	0814229.4345W
THRESHOLD CROSSING HEIGHT (TCH)	00042.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	E1380DD3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01775
FPAP ORTHOMETRIC HEIGHT	+01775

