

**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.

AIRPORT ID PBX	PROCEDURE NAME RNAV (GPS) RWY 9	ORIGINAL/AMENDMENT 2A	CITY PIKEVILLE	STATE KY
AIRPORT ELEVATION 1465	TDZE 1459	SUPERSEDED RNAV (GPS) RWY 9	DATED 08/17/2017	MAG VAR 7W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 7 AUGUST 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
			CANCEL/SUSPEND	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 004/30 CW 184/30	NOPT	004/15 CW 184/15		5500
2. 004/15 CW 184/15		CILOM	IF/IAF	4500
3. 184/30 CW 004/30		184/15 CW 004/15		5500
4. 184/15 CW 004/15		CILOM	IF/IAF	4500

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CILOM	IF/IAF	GYMUS		TF	FB	1.00	093.78	6.23	3200
GYMUS	FAF	XUYBU/2.30 NM TO RW09		TF	FB	0.30	093.87	3.07	
XUYBU/2.30 NM TO RW09		RW09	MAP	TF	FO	0.30	093.87	2.30	
RW09	MAP	1709 MSL		CA			093.87		
1709 MSL		OBSEW		DF	FO	1.00			4500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4500 DIRECT OBSEW AND HOLD. CONTINUE CLIMB IN HOLD TO 4500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- | | | | | | |
|--|-----------------------------------|-----------------------|------------------------------|-------------------------------|----------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD W CILOM, RT, 093.78 INBOUND, 4500 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 093.87 | FAF: GYMUS | | DIST FAF TO MAP: 5.37 | DIST FAF TO THLD: 5.37 | |
| 4. MIN ALT: CILOM 4500, GYMUS 3200, XUYBU/2.30 NM TO RW09 2220 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 250 HAT: 0.66 | GS ANT: |
| 6. MIN GP INCPT: 3200 | GP ALT AT PFAF: GYMUS 3200 | | OM: | MM: | IM: |
| 7. GP ANGLE: 3.00 | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: 40.0 | | |
| 8. MSA FROM: | | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
 CHART NOTE: CIRCLING NA TO RWYS 2 AND 20.
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 274.10 INBOUND.
 CHART FAS OBST: 1629 TREE 373303N/0823418W.
 CHART 1706 TOWER (21-091149) 373353N/0823753W.
 CHART VDP AT 1.50 NM TO RW09.
 WAAS CHANNEL # 61240
 REFERENCE PATH ID: W09A
 CHART CIRCLING ICON.
 LTP HAE: 409.7 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS									
LPV DA	1709	1	250	1709	1	250	1709	1	250	1709	1	250			
LNAV/VNAV DA	1891	1 1/2	432	1891	1 1/2	432	1891	1 1/2	432	1891	1 1/2	432			
LNAV MDA	1960	1	501	1960	1	501	1960	1 3/8	501	1960	1 3/8	501			
CIRCLING	2120	1	655	2180	1	715	2180	2	715	2460	3	995			



CHANGES - REASONS

1. CLEARS NOTAM: FDC 5/0027.
2. AIRPORT ELEVATION CHANGED FROM 1470 TO 1465. - NEW VG SURVEY DATED 03/12/2019.
3. MISSED APPROACH INSTRUCTIONS: ADDED "CONTINUE CLIMB IN HOLD TO 4500." - AIRCRAFT ALTITUDE AT CLEARANCE LIMIT 4476.14 FT.
4. PROFILE LINE 2: ADDED "MAX 6000". - IAW 8260.19J 8-6-7 B (2).
5. PROFILE LINE 4: REMOVED * FROM "MIN ALT: XUYBU/2.30 NM TO RW09*" - IAW 8260.19J 8-6-7 D. (6), RA ADJUSTMENT BUILT IN TO STEPDOWN FIX ALTITUDE.
6. MOVED "DISTANCE TO THLD FROM 200 HAT: 0.66 NM FROM ADDITIONAL FLIGHT DATA TO PROFILE LINE 5. - IAW 8260.19J 8-6-7 E (3).5.
7. PROFILE LINE 7: ADDED 20:1 IS CLEAR. - IAW 8260.19J 8-6-7 G (3).
8. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS". - IAW 8260.19J 8-6-8 D (5) (A) 1.
9. NOTES: REMOVED FAHRENHEIT TEMPS FROM UNCOMPENSATED BARO-VNAV SYSTEMS CHART NOTE. - IAW 8260.19J 8-6-10 R.
10. NOTES: REMOVED CHART NOTE: DME/DME RNP-0.3. - NO LONGER REQUIRED BY CURRENT CRITERIA.
11. ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM "1700 TREE 373412N/0823506W" TO "1629 TREE 373303N/0823418W." - UPDATED OBSTACLE EVALUATION.
12. ADDITIONAL FLIGHT DATA: ADDED CHART 1706 TOWER (21-091149) 373353N/0823753W. - NEW 7:1 OBSTACLE.
13. ADDITIONAL FLIGHT DATA: REMOVED * FROM "CHART VSP AT 1.50 NM TO RW9*". - NO LONGER REQUIRED BY CURRENT CRITERIA.
14. ADDITIONAL FLIGHT DATA: DELETED "*LNAV ONLY." - NO LONGER REQUIRED BY CURRENT CRITERIA.
15. ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE." - IAW 8260.19J 8-6-12 B.
16. CIRCLING MINIMUMS: CAT A HAA CHANGED FROM 650 TO 655; CAT B/C CMDA/HAA CHANGED FROM 2160/690 TO 2180/715; CAT D HAA CHANGED FROM 990 TO 995. - AIRFIELD ELEVATION CHANGED FROM 1470 TO 1465. CAT B/C CONTROLLING OBSTACLE CHANGED FROM "1858 FT MSL TOWER (21-001470) 373207.00N/0823250.00W" TO "1863 FT MSL ANTENNA (21-093600) 373207.43N/0823250.05W."
17. CRC REMAINDER CHANGED FROM D6E1D62D TO 18343D6C. - LTP/FTP LAT LONG CHANGED FROM 373337.3245N/0823441.0770W TO 373337.3255N/ 0823441.0770W AND FPAP LAT/LONG CHANGED FROM 373342.1100N/0823249.1800W TO 373342.1105N/0823249.1800W.

COORDINATED WITH:

A4A
ALPA
AOPA
APA
HAI
NBAA

OTHER: ZID, AMGR

FLIGHT CHECKED BY

CRAIG LARSON

Digitally signed by

RAKE MCGRAW

May 20, 2025

OFFICE

AJF

DATE

05/15/2025

DEVELOPED BY

RYAN PIPKIN

Digitally signed by

RYAN B PIPKIN

Apr 07, 2025

OFFICE

AJV-A422

DATE

02/11/2025

APPROVED BY

BEV L BORDY

Digitally signed by

RAKE MCGRAW

May 20, 2025

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPBX
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	373337.3255N
LTP/FTP LONGITUDE	0823441.0770W
LTP/FTP ELLIPSOIDAL HEIGHT	+04097
FPAP LATITUDE	373342.1105N
FPAP LONGITUDE	0823249.1800W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 18343D6C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04415
FPAP ORTHOMETRIC HEIGHT	+04415

