

**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> KEKX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> ELIZABETHTOWN	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 776	<u>TDZE</u> 768	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 06/08/2006	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<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
OSINE	IAF	RISZO	NOPT	TF	FB	1.00	087.21	10.29	2500
RISZO	IF/IAF	CIHAD		TF	FB	1.00	049.54	5.97	2500
CIHAD	FAF	RW05	MAP	TF	FO	0.30	049.57	5.34	
RW05	MAP	968 MSL		CA			049.57		
968 MSL		ZIBET		DF	FB	1.00			
ZIBET		HERMS		TF	FO	1.00	103.71	18.26	3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW05

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT ZIBET AND ON TRACK 103.71 TO HERMS AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**





**CHANGES - REASONS**

1. CHANGED RISZO TO CIHAD COURSE/DISTANCE FROM 49.52/6.02 TO 49.54/5.97 - MOVED PFAF LOCATION.
2. CHANGED TANYA TO ZIBET UNDER TERMINAL ROUTES - FIX MOVED MORE THAN 1 NM. REPLACED WITH A NEW FIX.
3. CHANGED MA INSTRUCTIONS FROM CLIMB TO 3000 DIRECT TANYA AND VIA 124.19 TRACK TO EWO VOR/DME AND HOLD TO CLIMB TO 3000 DIRECT ZIBET AND ON TRACK 134.68 TO EWO VOR/DME AND HOLD - REPLACED TANYA WITH ZIBET AND CAUSED THE COURSE TO CHANGE.
4. ADDED MAX 6000 TO HOLD-IN-LIEU ON LINE 2 - IAW 8260.19H PARA 8-6-7B(2).
5. CHANGED FAC FROM 49.58 TO 49.57 AND FAF TO MAP/THLD FROM 5.29 TO 5.34 ON LINE 3 - MOVED PFAF LOCATION.
6. CHANGED 34:1 IS NOT CLEAR TO IS CLEAR ON LINE 7 - PENETRATIONS NO LONGER EXIST.
7. CHANGED LPV DA/HAT FROM 1133/369 TO 968/200 AND VISIBILITY FROM 1 1/4 TO 3/4 FOR ALL CATS - NO LONGER A CONTROLLING OBSTACLE AND VISI CALC.
8. CHANGED LNAV/VNAV DA/HAT FROM 1257/493 TO 1053/285 AND VISIBILITY FROM 1 3/4 TO 7/8 FOR ALL CATS - NEW CONTROLLING OBSTACLE AND VISI CALC.
9. CHANGED LNAV MDA/HAT FROM 1220/456 TO 1200/432 FOR ALL CATS AND VISIBILITY FROM 1 1/2 TO 1 1/4 FOR CAT D - NEW CONTROLLING OBSTACLE AND NEW VISI CALC.
10. CHANGED CIRCLING CMDA/HAA FROM 1260/485 TO 1240/464 FOR CAT A, 1260/485 TO 1260/484 FOR CATS B, 1260/485 TO 1420/644 FOR CAT C, 1360/585 TO 1760/984 FOR CAT D, VISIBILITY FROM 1 3/4 TO 1 FOR CATS A/B, AND 2 TO 3 FOR CAT D - NEW CIRCLING CRITERIA APPLIED.
11. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND REPLACED WITH PBN REQUIREMENTS NOTE RNP APCH - PER .19H EQUIPMENT REQUIREMENTS NOTES.
12. DELETED CHART NOTE: VGSi AND RNAV GLIDE PATH NOT COINCIDENT - PROCEDURE IS NOW COINCIDENT.
13. ADDED CHART CIRCLING ICON TO ADDL FLIGHT DATA - NEW CIRCLING CRITERIA APPLIED.
14. UPDATED CHART NOTE: BARO-VNAV NA BELOW -16C (4F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C - DELETED FAHRENHEIT NO LONGER REQUIRED.
15. CHANGED CHART VDP AT 1.36 NM TO 1.26 NM - LNAV MINS LOWERED.
16. FAS DATA BLOCK CHANGED AS FOLLOWED: LTP/FTP LAT FROM 374049.2600N TO 374049.2480N; LTP/FTP LONG FROM 0855557.2700W TO 0855557.2515W; LTP/FTP ELLIPSOID HEIGHT FROM +01960 TO +01961; FPAP LAT FROM 3774150.5100N TO 374150.5115N; FPAP LONG FROM 0855435.6600W TO 0855435.6605W; VAL FROM 50 TO 35; CRC REMAINDER FROM DE74CC62 TO 57791462 - NEW SURVEY.
17. CHANGED CHART FAS OBSTACLE FROM 960 TOWER AND 869 POWER LINE TO FAS OBSTACLE 940 AAO - NEW CONTROLLING OBSTACLE.
18. DELETED BACKUP ALTIMETER NOTE AND VDP AND BARO-VNAV NA NOTE - MOVED TO THE BACK OF THE -9 FOR CONTINGENCY PURPOSES.
19. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE TO ALTERNATE MINIMUMS - IAW MEMO #266 IMPLEMENTATION OF 8260.19H.1.
20. ADDED 20:1 IS CLEAR TO LINE 7 - NO PENETRATIONS.
21. ADDED 7:1 OBSTACLE 1000 AAO 373654N/0860033W - IAW .19H.

9/17/2020: THIS IS AN UPDATED COPY OF THE PROCEDURE DEVELOPED ON 7/25/2019.

1. REMOVED FEEDER EWO VOR/DME TO RISZO - VORMON PROJECT.
2. MISSED APPROACH CHANGED FROM CLIMB TO 3000 DIRECT ZIBET AND ON TRACK 134.68 TO EWO VOR/DME AND HOLD TO CLIMB TO 3000 DIRECT ZIBET AND ON TRACK 103.71 TO HERMS AND HOLD - PER FPT REQUEST/VORMON PROJECT.
3. REMOVED NOTE: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EWO VOR/DME ON V5 NORTHEAST BOUND - FEEDER SEGMENT REMOVED.
4. CRC REMAINDER CHANGED FROM 57791462 TO 0A813171 - FPAP LAT/LONG CHANGE FROM 374150.5115N/0855435.6605W TO 374150.5115N/0855435.6610W.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZID, SDF APP CON, AMGR

**FLIGHT CHECKED BY**

MARC J HINCK

*Digitally signed by*  
**LONNIE EVERHART**  
May 10, 2021

**OFFICE**

FICO

**DATE**

10/21/2020

**DEVELOPED BY**

TARA MARTINELLI

*Digitally signed by*  
**TARA N MARTINELLI**  
Sep 17, 2020

**OFFICE**

AJV-A431

**DATE**

09/17/2020

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*  
**LONNIE EVERHART**  
May 10, 2021

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEKX
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	374049.2480N
LTP/FTP LONGITUDE	0855557.2515W
LTP/FTP ELLIPSOIDAL HEIGHT	+01961
FPAP LATITUDE	374150.5115N
FPAP LONGITUDE	0855435.6610W
THRESHOLD CROSSING HEIGHT (TCH)	00048.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	0A813171

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02287
FPAP ORTHOMETRIC HEIGHT	+02287

