

**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> KHNB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> HUNTINGBURG	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 529	<u>TDZE</u> 529	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 12/17/2009	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> 08/12/2021	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 185/30 CW 005/30	NOPT	IDGOW	IF/IAF	2500
2. 005/30 CW 095/30		EGWAB	IAF	2500
3. 095/30 CW 185/30		ANDUQ	IAF	2500

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-15

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EGWAB	IAF	IDGOW	NOPT	TF	FB	1.00	004.81	7.00	2500
ANDUQ	IAF	IDGOW	NOPT	TF	FB	1.00	184.81	7.00	2500
IDGOW	IF/IAF	NECWI		TF	FB	1.00	274.81	5.87	2200
NECWI	FAF	CILMA/2.41 NM TO RW27		TF	FB	0.30	274.71	2.70	
CILMA/2.41 NM TO RW27		RW27	MAP	TF	FO	0.30	274.71	2.41	
RW27	MAP	729 MSL		CA			274.71		
729 MSL		APKEW		DF	FO	1.00			2500

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW27

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2500 DIRECT APKEW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. EGWAB TO IDGOW UPDATED COURSE FROM 000.79 TO 004.81 - DUE TO DIFFERENCE BETWEEN TARGETS AND IAPA COURSE CALCULATIONS; MAGNETIC VARIATION CHANGED FROM 0°E/1980 TO 4°W/2025.
2. ANDUQ TO IDGOW UPDATED COURSE FROM 180.79 TO 184.81 - DUE TO DIFFERENCE BETWEEN TARGETS AND IAPA COURSE CALCULATIONS; MAGNETIC VARIATION CHANGED FROM 0°E/1980 TO 4°W/2025.
3. IDGOW TO NECWI UPDATED COURSE FROM 270.79 TO 274.81 - DUE TO DIFFERENCE BETWEEN TARGETS AND IAPA COURSE CALCULATIONS; MAGNETIC VARIATION CHANGED FROM 0°E/1980 TO 4°W/2025.
4. NECWI TO CILMA/2.40 NM TO RW27 UPDATED COURSE FROM 270.71 TO 274.71 - DUE TO DIFFERENCE BETWEEN TARGETS AND IAPA COURSE CALCULATIONS; MAGNETIC VARIATION CHANGED FROM 0°E/1980 TO 4°W/2025.
5. CHANGED HOLD-IN-LIEU INBOUND COURSE FROM 270.79 TO 274.80 AND ADDED MAXIMUM ALTITUDE OF 6,000' - DUE TO DIFFERENCE BETWEEN TARGETS AND IAPA COURSE CALCULATIONS; MAGNETIC VARIATION CHANGED FROM 0°E/1980 TO 4°W/2025.
6. CHANGED MISSED APPROACH HOLD INBOUND COURSE FROM 090.48 TO 094.50 - DUE TO DIFFERENCE BETWEEN TARGETS AND IAPA COURSE CALCULATIONS; MAGNETIC VARIATION CHANGED FROM 0°E/1980 TO 4°W/2025.
7. CHANGED HIGH TEMPERATURE FROM 47C TO 54C; REMOVED DEGREES FAHRENHEIT (F) FROM UNCOMPENSATED BARO CHART NOTE - DEGREES F NOT USED.
8. LENGTHENED INITIAL FROM EGWAB TO IDGOW FROM 5.01 TO 7 NM - TO MEET CRITERIA FOR 90° TURN TO MEET CURRENT CRITERIA FOR DISTANCE OF TURN ANTICIPATION (DTA) IAW FAAO 8260.58, 1-2-5.
9. SHORTENED INTERMEDIATE FROM IDGOW TO NECWI FROM 6.10 TO 5.87 NM - DUE TO NEW PFAF LOCATION.
10. CHANGED LNAV STEP DOWN FIX ALTITUDE FROM 1240' TO 1340' NM - ATC REQUEST.
11. CHANGED LINE 5 PROFILE VIEW HAT/DA DISTANCE TO THLD FROM 0.74/283 TO 0.50/200 - LPV HAT LOWERED.
12. ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" - IAW FAAO 8260.19I, 8-6-8.
13. DELETED DME/DME RNP-0.3 NA NOTE - NOT REQUIRED IAW FAAO 8260.19I, CHAPTER 1, PARA 8-6-9.
14. LOWERED LPV DA/HAT FROM 812/283 TO 729/200 - LPV FINAL SURFACE NO LONGER PENETRATED.
15. UPDATED VDP FROM 1.27NM TO 1.28 NM - NEW TARGETS VDP CALCULATIONS.
16. CHANGED LNAV/VNAV VISIBILITY MINIMUMS FROM TO 1 3/4 TO 1 3/8 SM FOR ALL CATS- IAW 8260.3D, CHAPTER 3 VISIBILITY TABLES.
17. CHANGED LNAV CATS C AND D VISIBILITY MINIMUMS FROM 1 1/4 TO 1 3/8 SM - IAW 8260.3D, CHAPTER 3 VISIBILITY TABLES.
18. CHANGED CIRCLING VISIBILITY MINIMUMS FROM 2 TO 2 3/4 SM FOR CAT D - DUE TO HAA CHANGE.
19. CHANGED VDA/TCH FROM 3.00/49 TO 3.00/42.3 - MATCHED VGSI.
20. CHANGED CIRCLING MDA/HAA FROM 1000/471 TO 1020/491 FOR CAT A; FROM 1020/491 TO 1040/511 FOR CATS B AND C, AND FROM 1080/551 TO 1380/851 FOR CAT D - DUE TO NEW CONTROLLING OBSTACLE IAW FAAO 8260.58B, 3-2-5, AND NEW CIRCLING AREA.
21. ADDED CAT D 900-2 TO ALT MINIMUMS - NEW HIGHER CAT D CIRCLING MINIMUMS.
22. UPDATED AND MOVED BACKUP ALTIMETER NOTE TO 8260-9 TO GENERAL REMARKS - FOR CONTINGENCY PURPOSES.
23. UPDATED CRC REMAINDER FROM 676EDE45 TO E51192AE - NEW FAS DATA CALCULATIONS.
24. DELETED THE ASTERISK FROM THE CHART VDP NOTE AND THE "LNAV ONLY" NOTE FROM ADDITIONAL FLIGHT DATA. - FAAO 8260.19I PARAGRAPH 8-6-10.
27. DELETED ASTERISKS FROM LINE 4 OF PROFILE VIEW. - FAAO 8260.19I PARAGRAPH 8-6-7.
28. UPDATED AND MOVED BARO-VNAV AND VDP NA NOTE TO 8260-9 TO GENERAL REMARKS - FOR CONTINGENCY PURPOSES.

06/04/21: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/12/21.

1. CHANGED FIX CILMA DISTANCE TO RWY FROM 2.10 IN TERMINAL ROUTES FROM COLUMN AND 2.40 IN TERMINAL ROUTES FROM COLUMN AND LINE 4 OF PROFILE VIEW TO 2.41. - CORRECT DISTANCE IS 2.41 NM.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: AMGR, ZID

FLIGHT CHECKED BY

PENDING

Digitally signed by

DONALD H LANIER

Jun 04, 2021

OFFICE

DATE

DEVELOPED BY

DONALD H. LANIER (PARNELL PRASSADA)

Digitally signed by

DONALD H LANIER

Jun 04, 2021

OFFICE

AJV-A431

DATE

APPROVED BY

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Jun 04, 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	KHNB
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	381456.1505N
LTP/FTP LONGITUDE	0865635.6730W
LTP/FTP ELLIPSOIDAL HEIGHT	+01290
FPAP LATITUDE	381457.1565N
FPAP LONGITUDE	0865828.7725W
THRESHOLD CROSSING HEIGHT (TCH)	00042.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E51192AE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01612
FPAP ORTHOMETRIC HEIGHT	+01612