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	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
KFKR	RNAV (GPS) RWY 27	1B	FRANKFORT	IN

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
861	861	RNAV (GPS) RWY 27	1A	04/02/2015	2W	1990

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV		19 MAY 2022	ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZIPPY		JOXUD		TF	FB	1.00	004.57	10.08	2500
WONPU	IAF	CAXEV	NOPT	TF	FB	1.00	182.21	7.90	2500
JOXUD	IAF	CAXEV	NOPT	TF	FB	1.00	002.21	7.90	2500
CAXEV	IF/IAF	OSJOG		TF	FB	1.00	272.21	7.00	2500
OSJOG	FAF	RW27	MAP	TF	FO	0.30	272.11	5.02	
RW27	MAP	1111 MSL		CA			272.11		
1111 MSL		HULOL		DF	FO	1.00			2500

MISSED APPROACH

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

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

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY 33 CHECKED

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)

2. HOLD E CAXEV, RT, 272.21 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 272.11 **FAF:** OSJOG **DIST FAF TO MAP:** 5.02 **DIST FAF TO THLD:** 5.02

4. MIN ALT: CAXEV 2500, OSJOG 2500

5. DIST TO THLD FROM OM: **MM:** **IM:** **150 HAT:** **250 HAT:** 0.66 **GS ANT:**

6. MIN GP INCPT: 2500 **GP ALT AT PFAF :** OSJOG 2500 **OM:** **MM:** **IM:**

7. GP ANGLE: 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 40.0

8. MSA FROM: RW27 2900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 4, 22 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZIPPY ON V51-97 SOUTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD W, RT, 091.86 INBOUND.
CHART FAS OBST: 1108 TOWER (18-000566) 401651N/0863139W.
CHART VDP AT 1.67 NM TO RW27.
WAAS CHANNEL # 65734
REFERENCE PATH ID: W27A
LTP HAE: 228.4 M

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

ALTERNATE: **NA** ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1111	3/4	250	1111	3/4	250	1111	3/4	250	1111	3/4	250			
LNAV/VNAV DA	1476	1 3/4	615	1476	1 3/4	615	1476	1 3/4	615	1476	1 3/4	615			
LNAV MDA	1420	1	559	1420	1	559	1420	1 5/8	559	1420	1 5/8	559			
CIRCLING	1460	1	599	1460	1	599	1520	1 3/4	659	1520	2	659			

QUALITY 33 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
KFKR	RNAV (GPS) RWY 27	1B	FRANKFORT	IN

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM AMDT 1A - IAW 8260.19I, 8-3-4.C (3).
2. DELETED FEEDER ROUTE: OKK VORTAC TO WONPU IN TERMINAL ROUTES - OKK VORMON.
3. PROFILE LINE 2: ADDED MAX 6000 - IAW 8260.19I, 8-6-7.B(2).
4. ADDED "250 HAT: 0.66" TO PROFILE LINE 5 AND DELETED "DISTANCE TO THLD FROM 250 HATH: 0.66 NM" IN ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-7.E(3).
5. PROFILE LINE 7: ADDED “20:1: IS CLEAR” - IAW 8260.19I, 8-6-7 G(3)
6. DELETED “CHART NOTE: DME/DME RNP-0.3 NA” FROM NOTES AND ADDED “RNP APCH - GPS” IN PBN REQUIREMENTS NOTE - IAW 8260.19I, 8-6-8.B(2).
7. NOTES: DELETED “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OKK VORTAC ON V305 NORTHBOUND” - OKK VORMON.
8. NOTES: REMOVED “CHART NOTE: BARO-VNAV NA WHEN USING INDIANAPOLIS EXECUTIVE ALTIMETER SETTING,” “CHART NOTE: VDP NA WITH INDIANAPOLIS EXECUTIVE ALTMETER SETTING,” AND “CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE INDIANAPOLIS EXECUTIVE ALTIMETER SETTING AND INCREASE ALL DA 56 FEET AND ALL MDA 60 FEET; INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV CATS C/D VISIBILITY 1/8 MILE, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE” - IAW 8260.19I, 8-6-9.F (3); PRIMARY ALTIMETER ON WMSCR.
9. NOTES: REMOVED FAHRENHEIT REFERENCE FOR UNCOMPENSATED BARO-VNAV SYSTEMS - IAW 8260.19I, 8-6-9.R.
10. NOTES: ADDED “(VGSI ANGLE {ANGLE}/TCH {FEET})” TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT - IAW 8260.19I, 8-6-9.M(1).
11. NOTES: ADDED “CHART NOTE: CIRCLING RWY 4, 22 NA AT NIGHT” - NO SURVEY, OBSTACLES ASSUMED.
12. ADDITIONAL FLIGHT DATA: ADDED OBSTACLE ID TO FAS OBSTACLE - IAW 8260.19, 8-6-10.C.
13. ADDITIONAL FLIGHT DATA: DELETED THE ASTERISK (*) FROM VDP RW27 IN ADDITIONAL FLIGHT DATA AND DELETED “*LNAV ONLY” - IAW 8260.019I, 8-6-10.M AND 1-1-5F(12).
14. ALTERNATE: CHANGED FROM “NA” TO “STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE” - PRIMARY WEATHER ON WMSCR.
15. MINIMUMS: LOWERED VISIBILITIES, LPV ALL CATS FROM “7/8” TO “3/4”, LNAV/VNAV FROM “2 ½” TO “1 ¾” - IAW 8260.3E, TABLE 3-3-1.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ **OTHER:** ZAU ARTCC, HUF FSS, GUS APP CON, AMGR

FLIGHT CHECKED BY			OFFICE	DATE	
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION					
DEVELOPED BY		*Digitally signed by* ***DONALD H LANIER*** Mar 07, 2022	**OFFICE**	**DATE**	
JASON KRETSCHMER (KARNA MORE)	*Digitally signed by* ***DONALD H LANIER*** Mar 07, 2022		AJV-A421	12/08/2021	
APPROVED BY			**OFFICE**	**DATE**	**TITLE**
MARLON ROBINSON	*Digitally signed by* ***DONALD H LANIER*** Mar 07, 2022		AJV-A420		MANAGER

QUALITY 33 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFKR
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	401621.6170N
LTP/FTP LONGITUDE	0863303.4930W
LTP/FTP ELLIPSOIDAL HEIGHT	+02284
FPAP LATITUDE	401621.6630N
FPAP LONGITUDE	0863459.9000W
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	F2CA5D2F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02623
FPAP ORTHOMETRIC HEIGHT	+02623

QUALITY 33 CHECKED