

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> HFY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> INDIANAPOLIS	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 822	<u>TDZE</u> 822	<u>SUPERSEDED</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 09/13/2018
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MARCH 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 2W
				<u>EPOCH YEAR</u> 1990
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HOMAR		HAMEB		TF	FB	1.00	252.21	15.12	3000
ZIPPY		FOVRA		TF	FB	1.00	145.38	10.67	3000
HAMEB	IAF	JINIC	NOPT	TF	FB	1.00	279.74	5.00	3000
FOVRA	IAF	JINIC	NOPT	TF	FB	1.00	099.60	5.00	3000
JINIC	IF/IAF	HURSA		TF	FB	1.00	189.67	6.07	2500
HURSA	FAF	RW19	MAP	TF	FO	0.30	189.66	5.08	
RW19	MAP	1130 MSL		CA			189.66		
1130 MSL		GAVYE		DF	FO	1.00			3100

MISSED APPROACH

MAP:  
LPV: DA  
LNAV/VNAV: DA  
LNAV: RW19

MISSED APPROACH INSTRUCTIONS:  
CLIMB TO 3100 DIRECT GAVYE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD N JINIC, RT, 189.67 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 189.66
- FAF: HURSA
- DIST FAF TO MAP: 5.08
- DIST FAF TO THLD: 5.08
4. MIN ALT: JINIC 3000, HURSA 2500
5. DIST TO THLD FROM OM:
- MM:
- IM:
- 150 HAT:
- 308 HAT: 0.85
- GS ANT:
6. MIN GP INCPT: 2500
- GP ALT AT PFAF: HURSA 2500
- OM:
- MM:
- IM:
7. GP ANGLE: 3.00
- 34:1: IS NOT CLEAR
- 20:1: IS CLEAR
- TCH: 40.0
8. MSA FROM: RW19 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
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 -16°C OR ABOVE 54°C.  
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HOMAR ON V50 EASTBOUND AND V221 NORTHEAST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZIPPY ON V51-97 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 009.63 INBOUND.  
CHART FAS OBST: 972 TOWER (18-001690) 393943N/0860454W.  
CHART 1020 TOWER 394259N/0860553W, 1000 TANK 393734N/0860420W.  
CHART VDP AT 1.35 NM TO RW19.  
WAAS CHANNEL # 53703  
REFERENCE PATH ID: W19A  
CHART CIRCLING ICON.  
LTP HAE: 216.6 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	1130	1	308	1130	1	308	1130	1	308		NA				
LNAV/VNAV DA	1299	1 3/4	477	1299	1 3/4	477	1299	1 3/4	477		NA				
LNAV MDA	1300	1	478	1300	1	478	1300	1 3/8	478		NA				
CIRCLING	1360	1	538	1380	1	558	1380	1 1/2	558		NA				



CHANGES - REASONS

1. INCORPORATED P-NOTAM 8/2629 FOR AMDT 1C - PER 8260.19I, PARA 8-3-4. C (2).
2. TERMINAL ROUTES: UPDATED FEEDER FROM HOMAR TO HAMEB RNP FROM 2.00 TO 1.00 – PER 8260.58C, TABLE 1–2–1.
3. TERMINAL ROUTES: UPDATED FEEDER FROM ZIPPY TO FOVRA RNP FROM 2.00 TO 1.00 – PER 8260.58C, TABLE 1–2–1.
4. PROFILE LINE 2: UPDATED FROM “HOLD N JINIC, RT, 189.67 INBOUND, 3000 FT. IN LIEU OF PT (IAF)” TO “HOLD N JINIC, RT, 189.67 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000” - PER 8260.19I, PARA 8-6-7. B (2).
5. PROFILE LINE 5: ADDED 308 HAT: 0.85 - MOVED FROM ADDITIONAL FLIGHT DATA.
6. PROFILE LINE 6: CHANGED GP ALT AT PFAF FROM “HURSA” TO “HURSA 2500” – PER 8260.19I, PARA 8-6-7. F (3).
7. PROFILE LINE 7: ADDED 20:1 IS CLEAR - NO 20:1 PENETRATIONS EXIST/PER 8260.19I, PARA 8-6-7. G (3).
8. PBN REQUIREMENTS NOTE: CHANGED FROM “RNP APCH” TO “RNP APCH-GPS” – PER 8260.19I, PARA 8-6-8 B (2).
9. CHART PROFILE NOTE: CHANGED FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 40)" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})"- PER 8260.19I, PARA 8-6-9. M.
10. ADDITIONAL FLIGHT DATA: DELETED ASTERISK ON, "CHART VDP AT 1.35 NM TO RW19\*" AND DELETED "\*"LNAV ONLY" – PER 8260.19I, PARA 1-1-5. F (12).
11. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST: FROM “970 TOWER 393943N/0860454W” TO “972 TOWER (18-001690) 393943N/0860454W” AND REMOVED “935 STACK 393857N/0860445W” – PER 8260.19I, PARA 8-6-10. C & NEW OBSTACLE SURVEY DATA.
12. CHART PLANVIEW NOTE: UPDATED FROM “PROCEDURE NA FOR ARRIVALS AT ZIPPY ON V51-97 NORTHWEST BOUND AND V96-285 NORTHBOUND” TO “PROCEDURE NA FOR ARRIVALS AT ZIPPY ON V51-97 NORTHWEST BOUND” – V96-285 REMOVED DUE TO VOR MON.
13. ALTERNATE MINIMUMS: ADDED “STANDARD- NA WHEN LOCAL WEATHER NOT AVAILABLE” - PER 8260.19I, PARA 8-6-11. B (4).

COORDINATED WITH:

A4A

☐

ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER:

ZID, IND APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

ROBERT G HAMILTON

Feb 13, 2024

DEVELOPED BY

ROBERT G HAMILTON (KAMARUDINI R. RAIMI)

OFFICE

AJV-A433

DATE

02/08/2024

Digitally signed by

ROBERT G HAMILTON

Feb 13, 2024

APPROVED BY

ROBERT G HAMILTON

OFFICE

AJV-A433

DATE

Digitally signed by

ROBERT G HAMILTON

Feb 13, 2024

TITLE

MANAGER



AIRPORT ID  
HFX

PROCEDURE NAME  
RNAV (GPS) RWY 19

ORIGINAL/AMENDMENT  
1D

CITY  
INDIANAPOLIS

STATE  
IN

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHFX
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	393803.3955N
LTP/FTP LONGITUDE	0860512.7320W
LTP/FTP ELLIPSOIDAL HEIGHT	+02166
FPAP LATITUDE	393635.0200N
FPAP LONGITUDE	0860528.0800W
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	9B12AFA3
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02499
FPAP ORTHOMETRIC HEIGHT	+02499

