

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</u> TERRE HAUTE RGNL	<u>AIRPORT ID</u> KHUF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>CITY</u> TERRE HAUTE	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 589	<u>TDZE</u> 578	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TTH VORTAC		POKHY		TF	FO	2.00	230.05	15.13	2600
GOZUM	IAF	POKHY	NOPT	TF	FB	1.00	315.96	10.87	2600
IFIGO	IAF	POKHY	NOPT	TF	FB	1.00	134.28	8.40	2600
POKHY	IF/IAF	SOXME		TF	FB	1.00	049.10	6.02	2100
SOXME	FAF	VARUY/1.70 NM TO RW05		TF	FB	0.30	049.17	2.91	
VARUY/1.70 NM TO RW05		RW05	MAP	TF	FO	0.30	049.17	1.70	
RW05	MAP	880 MSL		CA			049.17		
880 MSL		IPEDY		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT IPEDY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD SW POKHY, RT, 049.10 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.				
3. FAC:	049.17	FAF: SOXME	DIST FAF TO MAP: 4.61	DIST FAF TO THLD: 4.61	
4. MIN ALT:	POKHY 2600, SOXME 2100, VARUY/1.70 NM TO RW05 1140*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	302 HAT: 0.83	GS ANT:
6. MIN GP INCPT: 2100	GP ALT AT FAF : SOXME 2100			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 39.8		
8. MSA FROM:	RW05 2600				

PBN REQUIREMENTS NOTES:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON TTH VORTAC AIRWAY RADIALS 140 CW 320.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING PARIS ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARIS ALTIMETER SETTING AND INCREASE ALL DA 61 FEET, AND ALL MDA 80 FEET. INCREASE LPV VISIBILITY ALL CATS AND LNAV CAT C VISIBILITY 1/4 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500, LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY TO RVR 5500, WHEN USING PARIS ALTIMETER SETTING INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS TO RVR 6000, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART: ASR.
CHART CIRCLING ICON.
CHART VDP AT 1.03 NM TO RW05*
*LNAV ONLY
WAAS CHANNEL #82109
REFERENCE PATH ID: W05A
FAS OBST: 679 TREE 392503N/0872008W.
HOLD NE, RT, 229.34 INBOUND
LTP HAE: 141.6 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	880	2400	302	880	2400	302	880	2400	302	880	2400	302			
LNAV/VNAV DA	929	4000	351	929	4000	351	929	4000	351	929	4000	351			
LNAV MDA	940	2400	362	940	2400	362	940	3500	362	940	5000	362			
CIRCLING	1020	1	431	1040	1	451	1220	1 3/4	631	1220	2	631			

QUALITY
16
CHECKED

CHANGES - REASONS

- 1. RAISED CIRCLING CAT C MDA FROM 1040/HAA 451 VISIBILITY 1 1/2 TO 1220/HAA 631 VISIBILITY 1 3/4 - 857 ELEVATOR TO MATCH VOR RWY 5 AMDT 18.
- 2. RAISED CIRCLING CAT D MDA FROM 1140/HAA 551 VISIBILITY 2 TO 1220/HAA 631 - 860 TOWER TO MATCH VOR RWY 5 AMDT 18.
- 3. CHANGED INOP NOTE FROM: FOR INOPERATIVE MALSR, FOR INOPERATIVE MALSR INCREASE LPV VISIBILITY ALL CATS 1/2 MILE AND LNAV CAT D VISIBILITY 1/4 MILE. TO: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500, LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY TO RVR 5500. - NEW VIS CHECK.
- 4. CHANGED INOP NOTE FROM: FOR INOPERATIVE MALSR, WHEN USING PARIS ALTIMETER SETTING INCREASE LPV VISIBILITY ALL CATS TO RVR 6000, LNAV/VNAV ALL CATS AND LNAV CAT D TO 1 1/2 AND CAT C TO 1 1/4 TO: FOR INOPERATIVE ALS, WHEN USING PARIS ALTIMETER SETTING INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS TO RVR 6000, INCREASE LNAV CAT C/D TO 1 3/8 SM. - NEW INOP TABLE.
- 5. CHART PBN NAVSPEC REQUIREMENT NOTE: RNP APCH. - IAW 8260.19H PARA 8-6-8.
- 6. DELETED NOTE: DME/DME RNP-0.3 NA. - IAW 8260.19H PARA 8-6-8.
- 7. RAISED LPV, LNAV/VNAV, LNAV HMAS FROM 655/656/690 TO 665/812/840 - NEW IPDS EVALUATION.
- 8. CHANGED CONTROLLING OBST FOR CIRCLING CAT A FROM 719 TREE TO 720 TREE - TO MATCH VOR RWY 5 AMDT 18, NO IMPACT.
- 9. CHANGED CONTROLLING OBST FOR CIRCLING CAT B FROM 693 TANK TO 720 TREE - TO MATCH VOR RWY 5 AMDT 18, NO IMPACT.
- 10. ADDED REMARK, ALL VEGETATION NO HIGHER THEN 30 FEET WITHIN 5 NM OF KHUF - PER FPO CHECKLIST PROVIDED FOR RWY 23 RNAV (GPS) AMENDMENT 1.
- 11. UPDATED TO NEW CIRCLING RADII - TO MATCH VOR RWY 5 AMDT 18.
- 12. CHART CIRCLING ICON - IAW 8260.19H PARA 8-6-10.
- 13. UPDATED LPV CONTROLLING OBST ID FROM KHUF0030 TO 18-024971 - NEW OBSTACLE DATABASE.
- 14. RAISED LNAV CAT-C VISIBILITY FROM RVR 2400 TO RVR 3500 - NEW VIS CHECK.
- 15. FAS DATA: UPDATED THRESHOLD COORDINATES - PER CURRENT AIRNAV DATA.
- 16. CHANGED CRC REMAINDER FROM B352AB79 TO 4F4EEB1C - UPDATED THRESHOLD COORDINATES AND FPAP COORDINATES.
- 17. CHANGED BU ALITMETER NOTE FROM: INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE. TO: INCREASE LPV VISIBILITY ALL CATS AND LNAV CAT C VISIBILITY 1/4 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM.

- PDF EDITS:
- 1. ADDED HAA TO CIRCLING CAT-B.
 - 2. CHANGED INCORRECTLY PULLED REMARK FORM CRITICAL TEMP REMARKS; AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
 - 3. ADDED THRESHOLD COORDINATES TO AIRSPACE LETTER; 392625.88N/0871923.37W.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZID, HUF ATCT, AMGR, ATA

FLIGHT CHECKED BY

SCOTT WIEBE

DEVELOPED BY

LONNIE EVERHART (PETE BUSSEY)

APPROVED BY

LONNIE EVERHART

Digitally signed by
ROBERT G HAMILTON
Aug 14, 2018

Digitally signed by
ROBERT G HAMILTON
Aug 14, 2018

Digitally signed by
ROBERT G HAMILTON
Aug 14, 2018

OFFICE

FICO

OFFICE

AJV-5400

OFFICE

AJV-5400

DATE

7/29/18

DATE

04/03/2018

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHUF
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	392625.8800N
LTP/FTP LONGITUDE	0871923.3715W
LTP/FTP ELLIPSOIDAL HEIGHT	+01416
FPAP LATITUDE	392726.4575N
FPAP LONGITUDE	0871758.9605W
THRESHOLD CROSSING HEIGHT (TCH)	00039.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4F4EEB1C
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01744
FPAP ORTHOMETRIC HEIGHT	+01744

