

**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.

<b>AIRPORT ID</b> SMD	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 5	<b>ORIGINAL/AMENDMENT</b> 1	<b>CITY</b> FORT WAYNE	<b>STATE</b> IN
<b>AIRPORT ELEVATION</b> 836	<b>TDZE</b> 834	<b>SUPERSEDED</b> RNAV (GPS) RWY 5	<b>DATED</b> 02/28/2019	<b>MAG VAR</b> 5W
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 17 APRIL 2025	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2000
			<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WERBU		YIGIX		TF	FB	1.00	149.46	5.12	2600
YIGIX	IAF	WAXEV	NOPT	TF	FB	1.00	145.50	7.00	2600
YAVUS	IAF	WAXEV	NOPT	TF	FB	1.00	330.59	7.00	2600
WAXEV	IF/IAF	OSHOB		TF	FB	1.00	055.57	6.00	2400
OSHOB	FAF	RW05	MAP	TF	FO	0.30	055.66	4.81	
RW05	MAP	1236 MSL		CA			055.66		
1236 MSL		INODY		DF	FB	1.00			
INODY		IVUNY		TF	FB	1.00	330.84	6.34	
IVUNY		WERBU		TF	FO	1.00	256.22	16.53	2700

**MISSED APPROACH**

**MAP:**

LNAV: RW05

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2700 DIRECT INODY AND ON TRACK 330.84 TO IVUNY AND ON TRACK 256.22 TO WERBU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT
- HOLD SW WAXEV, LT, 055.57 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 055.66 FAF: OSHOB DIST FAF TO MAP: 4.81 DIST FAF TO THLD: 4.81
- MIN ALT: WAXEV 2600, OSHOB 2400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF: MM: IM:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS CLEAR TCH:
- MSA FROM: RW05 2700



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE (ANGLE)/TCH (FEET)).

CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED.

CHART NOTE: CIRCLING TO RWY 13/31 NA AT NIGHT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FWA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

CHART NOTE: VDP NA WITH FWA ALTIMETER SETTING.

**ADDITIONAL FLIGHT DATA:**

HOLD SE, RT, 334.25 INBOUND.

CHART FAS OBST: 1627 TOWER (18-000639) 410633N/0851142W.

CHART VDP AT 2.36 NM TO RW05.

CHART CIRCLING ICON.

CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

**MINIMUMS:**

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

**ALTERNATE:** NA

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
LNAV MDA	1880	1 1/4	1046	1880	1 1/2	1046	1880	3	1046		NA					
CIRCLING	1880	1 1/4	1044	1880	1 1/2	1044	1940	3	1104		NA					



**CHANGES - REASONS**

1. TERMINAL ROUTES: CHANGED WERBU TO YIGIX COURSE FROM "148.02" TO "149.46" – YIGIX MOVED DUE TO LEG LENGTH ISSUES.
2. TERMINAL ROUTES: CHANGED WERBU TO YIGIX DISTANCE FROM "7.12" TO "5.12" - YIGIX MOVED DUE TO LEG LENGTH ISSUES.
3. TERMINAL ROUTES: CHANGED YIGIX TO WAXEV COURSE FROM "145.53" TO "145.50" – NEW TARGETS EVALUATION.
4. TERMINAL ROUTES: CHANGED YIGIX TO WAXEV DISTANCE FROM "5.00" TO "7.00" – YIGIX MOVED DUE TO LEG LENGTH ISSUES.
5. TERMINAL ROUTES: CHANGED YAVUS TO WAXEV COURSE FROM "330.94" TO "330.59" – NEW TARGETS EVALUATION.
6. TERMINAL ROUTES: CHANGED YAVUS TO WAXEV DISTANCE FROM "6.27" TO "7.00" – YAVUS MOVED DUE TO LEG LENGTH ISSUES.
7. TERMINAL ROUTES: CHANGED WAXEV TO OSHOB COURSE FROM "055.58" TO "055.57" – NEW TARGETS EVALUATION.
8. TERMINAL ROUTES: CHANGED WAXEV TO OSHOB DISTANCE FROM "6.02" TO "6.00" – NEW TARGETS EVALUATION.
9. TERMINAL ROUTES: CHANGED OSHOB TO RW05 COURSE FROM "055.65" TO "055.66" – NEW TARGETS EVALUATION.
10. TERMINAL ROUTES: CHANGED INODY TO IVUNY COURSE FROM "335.00" TO "330.84" – INODY MOVED DUE TO LEG LENGTH ISSUES.
11. TERMINAL ROUTES: CHANGED INODY TO IVUNY DISTANCE FROM "6.40" TO "6.34" – INODY MOVED DUE TO LEG LENGTH ISSUES.
12. PROFILE LINE 2: UPDATED INBOUND CORUSE FROM "055.58" TO "055.57" – NEW TARGETS EVAL.
13. PROFILE LINE 3: CHANGED FAC FROM "055.65" TO "055.66" – NEW TARGETS EVALUATION.
14. PROFILE LINE 3: CHANGED DIST FAF TO MAP FROM "4.75" TO "4.81" – FAF MOVED WITH NEW TARGETS EVALUATION.
15. PROFILE LINE 3: CHANGED DIST FAF TO THLD FROM "4.75" TO "4.81" – FAF MOVED WITH NEW TARGETS EVALUATION.
16. PBN REQUIREMENTS NOTE: UPDATED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH – GPS." – IAW 8260.19J 8-6-8.
17. NOTES: CHANGED LOCAL ALTIMETER NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FWA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET." – IAW 8260.19J 8-6-10.
18. NOTES: ADDED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." – IAW 8260.19J 8-6-10.
19. NOTES: ADDED "CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." – IAW 8260.19J 8-6-12.
20. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2700 DIRECT INODY AND ON TRACK 335.00 TO IVUNY AND ON TRACK 256.22 TO WERBU AND HOLD." TO "CLIMB TO 2700 DIRECT INODY AND ON TRACK 330.84 TO IVUNY AND ON TRACK 256.22 TO WERBU AND HOLD." – INODY MOVED DUE TO LEG LENGTH ISSUES.
21. NOTES: ADDED "CIRCLING TO RWY 13/31 NA AT NIGHT" – IAW 8260.19J 8-6-12.
22. NOTES: ADDED "CHART NOTE: VDP NA WHEN USING FWA ALTIMETER SETTING." – IAW 8260.19J 8-6-10.
23. ADDITIONAL FLIGHT DATA: ADDED "CHART FAS OBST: 1627 TOWER (18-000639) 410633N/0851142W." – IAW 8260.19J 8260.19J 8-6-11.
24. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 2.36 NM TO RW05" – IAW 8260.19J 8-6-11.
25. PROFILE LINE 7: CHANGED "20:1 IS NOT CLEAR." TO "20:1 IS CLEAR." - IAW 8260.19J 8-6-7.

**COORDINATED WITH:**

A4A  
  ALPA  
  AOPA  
  APA  
  HAI  
  NBAA  
 OTHER: ZAU, FWA APP CON, AMGR

**FLIGHT CHECKED BY**

*Digitally signed by*

**ROBERT G HAMILTON**

SCOTT WIEBE

Feb 24, 2025

**OFFICE**

AJF

**DATE**

02/22/2025

**DEVELOPED BY**

DEVON KERCHER

*Digitally signed by*

**ROBERT G HAMILTON**

Feb 24, 2025

**OFFICE**

AJV-A431

**DATE**

08/28/2024

**APPROVED BY**

JOHN BORDY

*Digitally signed by*

**ROBERT G HAMILTON**

Feb 24, 2025

**OFFICE**

AJV-A33

**DATE**

04/17/2025

**TITLE**

MANAGER

