

**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 23	<b>ORIGINAL/AMENDMENT</b> 2	<b>CITY</b> FORT WAYNE	<b>STATE</b> IN
<b>AIRPORT ELEVATION</b> 836	<b>TDZE</b> 834	<b>SUPERSEDED</b> RNAV (GPS) RWY 23	<b>DATED</b> 06/20/2019	<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
GRABI	IF/IAF	NOYJU		TF	FB	1.00	252.21	7.42	2600
NOYJU	FAF	RW23	MAP	TF	FO	0.30	235.77	5.35	
RW23	MAP	1236 MSL		CA			235.77		
1236 MSL		JISUD		DF	FB	1.00			
JISUD		WERBU		TF	FO	1.00	293.81	14.26	2700

**MISSED APPROACH**

**MAP:**

LP: RW23  
LNAV: RW23

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2700 DIRECT JISUD AND ON TRACK 293.81 TO WERBU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E GRABI, RT, 252.21 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 235.77 FAF: NOYJU DIST FAF TO MAP: 5.35 DIST FAF TO THLD: 5.35
- MIN ALT: GRABI 3000, NOYJU 2600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
- MSA FROM: RW23 2700



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 1 NOT AUTHORIZED.

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

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT GRAB ON V11 SOUTHWEST BOUND, AND V8 WESTBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FWA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM. AND LP VISIBILITY CAT C 1/8 SM.

**ADDITIONAL FLIGHT DATA:**

HOLD SE, RT, 334.25 INBOUND.

CHART FAS OBST: 1054 TOWER (18-001848) 411013N/0850535W.

FAS OBST: 1037 AAO 411006N/0850557W.

CHART 1086 TOWER (18-000877) 411226N/0850357W.

WAAS CHANNEL # 65738

REFERENCE PATH ID: W23A

CHART CIRCLING ICON.

CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

LTP HAE: 219.5 M

**MINIMUMS:**

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

ALTERNATE: NA

CATEGORY:	A			B			C			D			E		
	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
LP MDA	1360	1	526	1360	1	526	1360	1 1/2	526		NA				
LNAV MDA	1400	1	566	1400	1	566	1400	1 5/8	566		NA				
CIRCLING	1400	1	564	1400	1	564	1940	3	1104		NA				



**CHANGES - REASONS**

1. TERMINAL ROUTES: CHANGED COURSE/DISTANCE OF GRABI TO NOYJU FROM 252.25/7.40 TO 252.21/7.42 – NEW TARGETS EVAL.
2. TERMINAL ROUTES: CHANGED DISTANCE OF NOYJU TO RW23 FROM 5.37 TO 5.35 – NOYJU MOVED WITH NEW TARGETS EVAL.
3. TERMINAL ROUTES: CHANGED COURSE OF JISUD TO WERBU FROM 293.78 TO 293.81 – JISUD MOVED DUE TO FIX LENGTH ISSUES.
4. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2700 DIRECT JISUD AND ON TRACK 293.78 TO WERBU AND HOLD." TO "CLIMB TO 2700 DIRECT JISUD AND ON TRACK 293.81 TO WERBU AND HOLD." – JISUD MOVED DUE TO FIX LENGTH ISSUES.
5. PROFILE LINE 3: CHANGED DIST FAF TO MAP FROM 5.37 TO 5.35 – FAF MOVED WITH NEW TARGETS EVAL.
6. PROFILE LINE 3: CHANGED DIST FAF TO THLD FROM 5.37 TO 5.35 – FAF MOVED WITH NEW TARGETS EVAL.
7. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH." TO "RNP APCH – GPS." – IAW 8260.19J.
8. NOTES: REMOVED "PROCEDURE NA AT NIGHT" – RWY 05/23 20:1 SURFACE IS CLEAR NOW.
9. NOTES: ADDED "CIRCLING TO RWY 13/31 NA AT NIGHT" – RWY 13/31 20:1 SURFACE NOT CLEAR.
10. NOTES: CHANGED ALTERNATE ALTIMETER NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND LP AND LNAV CAT C VISIBILITY 1/8 SM." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FWA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM. AND LP VISIBILITY CAT C 1/8 SM." – NEW TARGETS EVAL.
11. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST NOTE FROM "CHART FAS OBST: 1054 TOWER (18-001848) 411013N/0850534W." TO "CHART FAS OBST: 1054 TOWER (18-001848) 411013N/0850535W." – COORDINATES OF OBST CHANGED SLIGHTLY.
12. ADDITIONAL FLIGHT DATA: ADDED "FAS OBST: 1037 AAO 411006N/0850557W." – IAW 8260.19J 8-6-11.
13. ADDITIONAL FLIGHT DATA: ADDED "CHART 1086 TOWER (18-000877) 411226N/0850357W." – IAW 8260.19J 8-6-11.
14. FAS DATA BLOCK INFORMATION: UPDATED FPAP LATITUDE/LONGITUDE FROM "410749.7455N/0851026.2260W" TO "410749.7475N/0851026.2280W" – NEW TARGETS EVAL.
15. FAS DATA BLOCK INFORMATION: UPDATED CRC REMAINDER FROM "17E605E8" TO "36A8EB1A" – FPAP COORDINATES CHANGED/UPDATED.
16. PROFILE LINE 2: CHANGED HOLDING INFO FROM "HOLD E GRABI, RT, 252.25 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000." TO "HOLD E GRABI, RT, 252.21 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000." – NEW TARGETS EVAL.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

SCOTT WIEBE

*Digitally signed by*

**ROBERT G HAMILTON**

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**

09/20/2024

**APPROVED BY**

ERIC N SUSKI

*Digitally signed by*

**ROBERT G HAMILTON**

Feb 24, 2025

**OFFICE**

AJV-A431

**DATE**

04/17/2025

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSMD
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	410846.2100N
LTP/FTP LONGITUDE	0850854.9700W
LTP/FTP ELLIPSOIDAL HEIGHT	+02195
FPAP LATITUDE	410749.7475N
FPAP LONGITUDE	0851026.2280W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1824
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0

CRC REMAINDER 36A8EB1A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02524
FPAP ORTHOMETRIC HEIGHT	+02524

