

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> SMITH FIELD	<u>AIRPORT ID</u> KSMD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> FORT WAYNE	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 836	<u>TDZE</u> 834	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 12/10/2015	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GRABI	IF/IAF	NOYJU		TF	FB	1.00	252.25	7.40	2600
NOYJU	FAF	RW23	MAP	TF	FO	0.30	235.77	5.37	
RW23	MAP	1236 MSL		CA			235.77		
1236 MSL		JISUD		DF	FB	1.00			
JISUD		WERBU		TF	FO	1.00	293.78	14.26	2700

MISSED APPROACH

MAP:

LP: RW23
 LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT JISUD AND ON TRACK 293.78 TO WERBU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD E GRABI, RT, 252.25 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 235.77 **FAF:** NOYJU **DIST FAF TO MAP:** 5.37 **DIST FAF TO THLD:** 5.37
4. **MIN ALT:** GRABI 3000, NOYJU 2600
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
6. **MIN GP INCPT:** **GP ALT AT FAF :** **OM:** **MM:** **IM:**
7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
8. **MSA FROM:** RW23 2700



PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.

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

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT GRAB1 ON V11 SOUTHWEST BOUND, AND V8 WESTBOUND.

CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

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.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.

WAAS CHANNEL #65738

REFERENCE PATH ID: W23A

CHART FAS OBST: 1054 TOWER 411013N/0850534W.

HOLD SE, RT, 334.25 INBOUND

LTP HAE: 219.5 M

MINIMUMS:

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

ALTERNATE: NA

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
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. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA" TO "RWY23 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - WORDING UPDATED IAW 8260.19H PARA 8-6-5I(3).
2. CHANGED LINE 7 NOTE FROM "34:1 IS NOT CLEAR" TO "20:1 IS NOT CLEAR, 34:1 IS NOT CLEAR"- IAW 8260.19H PARA 8-5-7G(3).
3. NOTE DELETED: DME/DME RNP-0.3 NA - IAW 8260.19H, PARA 8-6-8.
4. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H, PARA 8-6-8.
5. ADDED MAX 6000 TO LINE 2 - IAW 8260.19H PARA 8-6-7B(2)A.
6. CRC REMINDER CHANGED FROM 05178D5F TO 17E605E8 - FPAP COORDINATE CHANGED FROM "410749.7500N/0851026.2300W" TO "410749.7455N/0851026.2260W". CHANGED TCH FROM 00040.0 TO 00000.0 AND GPA FROM 03.04 TO 00.00 DUE TO VISUAL SEGMENT - OBSTACLES.



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZAU, FWA APP CON, AMGR

FLIGHT CHECKED BY

JEFFREY W HARING

Digitally signed by
DAVID TEFFETELLER
Dec 10, 2018

OFFICE

FICO

DATE

12/6/18

DEVELOPED BY

KWEKU DONKOR

Digitally signed by
KWEKU DONKOR
Oct 25, 2018

OFFICE

AJV-5433

DATE

09/19/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
DAVID TEFFETELLER
Dec 10, 2018

OFFICE

AJV-5430

DATE

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	410749.7455N
FPAP LONGITUDE	0851026.2260W
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)	0.0

CRC REMAINDER 17E605E8

ADDITIONAL PATH POINT RECORD INFORMATION

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

