

**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> 0D8	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 2B	<u>CITY</u> GETTYSBURG	<u>STATE</u> SD		
<u>AIRPORT ELEVATION</u> 2062	<u>TDZE</u> 2061	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 03/05/2015	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**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>
UNIBY		ZOLID		TF	FB	1.00	243.43	16.26	3700
GILTE		HIKEP		TF	FO	1.00	359.84	28.96	3700
ZOLID	IAF	HIKEP	NOPT	TF	FB	1.00	225.31	6.00	3700
BAYAF	IAF	HIKEP	NOPT	TF	FB	1.00	109.67	9.99	3700
HIKEP	IF/IAF	WITPU		TF	FB	1.00	135.23	7.10	3700
WITPU	FAF	YADBU/2.60 NM TO RW13		TF	FB	0.30	135.30	2.43	
YADBU/2.60 NM TO RW13		RW13	MAP	TF	FO	0.30	135.30	2.60	
RW13	MAP	2462 MSL		CA			135.30		
2462 MSL		ZEWOX		DF	FO	1.00			3500

**MISSED APPROACH**

**MAP:**

LP: RW13  
LNAV: RW13

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3500 DIRECT ZEWOX AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW HIKEP, RT, 135.23 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 135.30FAF: WITPUDIST FAF TO MAP: 5.03DIST FAF TO THLD: 5.03

4. MIN ALT: HIKEP 3700, WITPU 3700, YADBU/2.60 NM TO RW13 2920

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 CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: RW13 4100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 4 AND 22.  
CHART NOTE: PROCEDURE NA AT NIGHT.  
CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UNIBY ON V344 EASTBOUND.  
CHART NOTE: USE PIERRE ALTIMETER SETTING; WHEN NOT RECEIVED, USE MOBRIDGE ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
WITPU TO RW13: 3.00/40.  
CHART PIERRE RGNL ASOS.  
HOLD SE, RT, 315.47 INBOUND.  
CHART FAS OBST: 2218 TANK (46-000750) 450043N/0995753W, 2171 POLE (46-020708) 450142N/0995920W.  
WAAS CHANNEL # 93921  
REFERENCE PATH ID: W13A  
LTP HAE: 605 M

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
LP MDA	2560	1	499	2560	1	499	2560	1 3/8	499		NA				
LNAV MDA	2620	1	559	2620	1	559	2620	1 5/8	559		NA				
CIRCLING	2660	1	598	2660	1	598	2820	2 1/4	758		NA				

QUALITY  
6  
CHECKED

**CHANGES - REASONS**

1. ADDED OBSTACLE NUMBER TO EXISTING FAS OBSTACLE (2171 POLE 46-020708) 450141.56N/0995920.36W - IAW 8260.19I 8-6-10(C).
2. ADDED "MAX 6000" TO HILPT ON LINE 2 -- IAW 8260.19I PARA 8-6-7(B)2.
3. ADDED "20:1 IS NOT CLEAR" TO PROFILE LINE 7 - RWY 13 20:1 PENETRATIONS.
4. ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" - IAW 8260.19I 8-6-8(B)2.
5. REMOVED CHART NOTE "DME/DME RNP -0.3 NA" - NOTE NO LONGER REQUIRED IAW 8260.19I 8-6-8(B)2.
6. INCREASED CATEGORY C CIRCLING MDA, HAA AND VISIBILITY FROM 2660, 598 AND 1 5/8 TO 2820, 758 AND 2 ¼ - CATEGORY C CONTROLLING OBSTACLE CHANGED FROM 2218 TANK (46-000750) 450042.50N/0995752.50W TO 2363 TOWER (46-039988) 450139.85N/0995626.01W.
7. ADDED CHART NOTE "CIRCLING NA TO RWYS 4 AND 22" - PER FPT IAW UNPAVED RUNWAYS SOP.
8. UPDATED CHART NOTE FROM "USE PIERRE ALTIMETER SETTING; WHEN NOT RECEIVED, USE MOBRIDGE ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET. INCREASE LP, LNAV AND CIRCLING CAT C VISIBILITY 1/8 MILE" TO "USE PIERRE ALTIMETER SETTING; WHEN NOT RECEIVED, USE MOBRIDGE ALTIMETER SETTING" - UPDATED MINIMUMS BASED ON NEW EVALUATION.
9. CHANGED CHART NOTE "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19I 8-6-11(K)3.
10. CHANGED CHART NOTE "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW IAW 8260.19I 8-6-9(M)2.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, AMGR

**FLIGHT CHECKED BY**

PAUL A GOSDEN

Digitally signed by

**JON DENTON**

Nov 01, 2021

**OFFICE**

FPO

**DATE**

10/28/21

**DEVELOPED BY**

LONNIE EVERHART (KARLIE BUNTIN)

Digitally signed by

**JON DENTON**

Nov 01, 2021

**OFFICE**

AJV-A430

**DATE**

07/30/2021

**APPROVED BY**

LONNIE EVERHART

Digitally signed by

**JON DENTON**

Nov 01, 2021

**OFFICE**

AJV-A430

**DATE****TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	0D8
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	445927.2640N
LTP/FTP LONGITUDE	0995724.0350W
LTP/FTP ELLIPSOIDAL HEIGHT	+06050
FPAP LATITUDE	445815.7800N
FPAP LONGITUDE	0995609.1200W
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	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	B80999BB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+06275
FPAP ORTHOMETRIC HEIGHT	+06275