

**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> 81R	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SAN SABA	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 1255	<u>TDZE</u> 1255	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 040/30 CW 220/30	NOPT	PAYSA	IF/IAF	3500
2. 220/30 CW 040/30		PAYSA	IF/IAF	3500

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PAYSA	IF/IAF	MACLO		TF	FB	1.00	129.87	6.50	3100
MACLO	FAF	RW13	MAP	TF	FO	0.30	129.92	5.67	
RW13	MAP	1505 MSL		CA			129.92		
1505 MSL		IFIMY		DF	FO	1.00			3500

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW13

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3500 DIRECT IFIMY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. PT            **SIDE OF COURSE**                            **OUTBOUND**                            **FT WITHIN**                            **MILES OF**                            (IAF)
- 2. HOLD NW PAYSA, RT, 129.87 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 129.92                            **FAF:** MACLO                            **DIST FAF TO MAP:** 5.67                            **DIST FAF TO THLD:** 5.67
- 4. **MIN ALT:** PAYSA 3500, MACLO 3100
- 5. **DIST TO THLD FROM FAF:** 5.67                            **MM:**                            **IM:**                            **150 HAT:**                            **250 HAT:** 0.66                            **GS ANT:**
- 6. **MIN GP INCPT:** 3100                            **GP ALT AT PFAF:** MACLO 3100                            **OM:**                            **MM:**                            **IM:**
- 7. **GP ANGLE:** 3.00                            **34:1:** IS NOT CLEAR                            **20:1:** IS CLEAR                            **TCH:** 40.0
- 8. **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

**ADDITIONAL FLIGHT DATA:**

HOLD SE, RT, 310.05 INBOUND.  
 FAS OBST: 1610 AAO 311821N/0984656W.  
 CHART BRADY LOW AND HIGH MOA.  
 CHART BRADY NORTH MOA.  
 CHART BROWNWOOD 1 EAST AND WEST MOA'S.  
 CHART BROWNWOOD 2 EAST AND WEST MOA'S.  
 CHART BROWNWOOD 3 MOA.  
 CHART VDP AT 1.77 NM TO RW13.  
 WAAS CHANNEL # 87144  
 REFERENCE PATH ID: W13A  
 LTP HAE: 357.8 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD

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	1505	1	250	1505	1	250		NA			NA					
LNAV/VNAV DA	1505	1	250	1505	1	250		NA			NA					
LNAV MDA	1860	1	605	1860	1	605		NA			NA					
CIRCLING	1860	1	605	1860	1	605		NA			NA					



**CHANGES - REASONS**

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA

**OTHER:** ZHU, ZFW, AMGR

*Digitally signed by*

**FLIGHT CHECKED BY**  
JEFFREY A FINDLEY

**JASON KRETSCHMER**  
Oct 02, 2023

**OFFICE**  
FPO

**DATE**  
09/27/2023

*Digitally signed by*

**DEVELOPED BY**  
RAYMOND JOHNSON

**RAYMOND R JOHNSON**  
Feb 28, 2023

**OFFICE**  
AJV-A421

**DATE**  
10/04/2022

**APPROVED BY**  
MARLON ROBINSON

*Digitally signed by*  
**JASON KRETSCHMER**  
Mar 06, 2023

**OFFICE**  
AJV-A420

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	81R
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	311423.1275N
LTP/FTP LONGITUDE	0984321.1315W
LTP/FTP ELLIPSOIDAL HEIGHT	+03578
FPAP LATITUDE	311321.1380N
FPAP LONGITUDE	0984206.3305W
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	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B1D57134

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03826
FPAP ORTHOMETRIC HEIGHT	+03826

