

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 31	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SAN SABA	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 1255	<u>TDZE</u> 1247	<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SUPERSEDED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

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 220/30 CW 040/30	NOPT	IFIMY	IF/IAF	3500
2. 040/30 CW 220/30		IFIMY		3500

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>
IFIMY	IF/IAF	LIDNY		TF	FB	1.00	310.05	6.50	3100
LIDNY	FAF	RW31	MAP	TF	FO	0.30	310.00	5.71	
RW31	MAP	1497 MSL		CA			310.00		
1497 MSL		PAYSA		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT PAYSA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD SE IFIMY, RT, 310.05 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 310.00 FAF: LIDNY DIST FAF TO MAP: 5.71 DIST FAF TO THLD: 5.71

4. MIN ALT: IFIMY 3500, LIDNY 3100

5. DIST TO THLD FROM FAF: 5.71 MM: IM: 150 HAT: 250 HAT: 0.67 GS ANT:

6. MIN GP INCPT: 3100 GP ALT AT PFAF: LIDNY 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 31 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 NW, RT, 129.87 INBOUND.
FAS OBST: 1680 AAO 311049N/0983808W.
CHART 1793 TOWER 310953N/0983740W.
CHART BRADY LOW AND HIGH MOA.
CHART BRADY NORTH MOA.
CHART BROWNWOOD 2 EAST AND WEST MOA'S.
CHART GRAY AND HOOD HIGH MOA.
CHART HOOD MOA, HOOD HIGH MOA.
CHART VDP AT 2.05 NM TO RW31.
WAAS CHANNEL # 42944
REFERENCE PATH ID: W31A
LTP HAE: 354 M

AIRPORT ID
81R

PROCEDURE NAME
RNAV (GPS) RWY 31

ORIGINAL/AMENDMENT
ORIG

CITY
SAN SABA

STATE
TX

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

<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>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	1497	1	250	1497	1	250		NA			NA				
LNAV/VNAV DA	1497	1	250	1497	1	250		NA			NA				
LNAV MDA	1940	1	693	1940	1	693		NA			NA				
CIRCLING	1940	1	685	1940	1	685		NA			NA				

CHANGES - REASONS

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HA1** ☐ **NBAA** ☒ **OTHER:** ZHU, ZFW, AMGR

FLIGHT CHECKED BY
JEFFREY A FINDLEY

Digitally signed by
JASON KRETSCHMER
Oct 02, 2023

OFFICE
FPO

DATE
9/27/2023

DEVELOPED BY
RAYMOND JOHNSON

Digitally signed by
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	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	311354.2365N
LTP/FTP LONGITUDE	0984246.2645W
LTP/FTP ELLIPSOIDAL HEIGHT	+03540
FPAP LATITUDE	311456.2195N
FPAP LONGITUDE	0984401.0800W
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	FB6D6BEC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03787
FPAP ORTHOMETRIC HEIGHT	+03787