

**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> KSOA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SONORA	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 2140	<u>TDZE</u> 2140	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 8E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 092/30 CW 272/30	NOPT	CLABY	IF/IAF	4400
2. 272/30 CW 092/30		CLABY	IF/IAF	4400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CLABY	IF/IAF	JAXOG		TF	FB	1.00	182.07	5.10	3900
JAXOG	FAF	GENAY/2.58 NM TO RW18		TF	FB	0.30	182.06	2.83	
GENAY/2.58 NM TO RW18		RW18	MAP	TF	FO	0.30	182.06	2.58	
RW18	MAP	2700 MSL		CA			182.06		2700
2700 MSL		CLABY		DF	FO	1.00			4400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 THEN CLIMBING RIGHT TURN TO 4400 DIRECT CLABY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZHU ARTCC, AMGR

FLIGHT CHECKED BY
ANTHONY D VALLERA

Digitally signed by
JOHN BORDY
Aug 18, 2023

OFFICE
FPO

DATE
08/17/2023

DEVELOPED BY
DAVID TEFFETELLER (TROY PURNELL)

Digitally signed by
JOHN BORDY
Aug 18, 2023

OFFICE
AJV-A433

DATE
03/16/2023

APPROVED BY
JOHN BORDY

Digitally signed by
JOHN BORDY
Aug 18, 2023

OFFICE
AJV-A33

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSOA
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	303527.2810N
LTP/FTP LONGITUDE	1003851.0010W
LTP/FTP ELLIPSOIDAL HEIGHT	+06290
FPAP LATITUDE	303359.3415N
FPAP LONGITUDE	1003908.9950W
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	1552
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6873733B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+06521
FPAP ORTHOMETRIC HEIGHT	+06521

