

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
LORAN	AWBIR (FO)	051.08 / 21.21	4400	LPV: DA LNAV/VNAV: DA LNAV: RW22
ABI VORTAC (IAF)	AWBIR (NOPT) (FB)	282.77 / 23.35	4400	CLIMB TO 4400 DIRECT OKWOR AND HOLD.
AWBIR (IF/IAF)	HOBKU (FB)	215.52 / 7.00	4000	
HOBKU (FAF)	LOKEC/1.60 NM TO RW22 (FB)	215.47 / 3.50	4400	ADDITIONAL FLIGHT DATA: HOLD SW, RT, 035.33 INBOUND. CHART FAS OBST: 2419 TREE 322856N/1002725W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. WAAS CHANNEL # 49125 REFERENCE PATH ID: W22A LTP HAE: 685.2 M
LOKEC/1.60 NM TO RW22	RW22 (MAP) (FO)	215.44 / 1.60		
RW22 (MAP)	2587 MSL	215.44		
2587 MSL	OKWOR (FO)			

- | | | | | | |
|--------------------------|---|-----------------------------|----------------------------------|----------|---------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. | HOLD NE AWBIR, RT, 215.52 INBOUND, 4400 FT. IN LIEU OF PT (IAF) | | | | |
| 3. FAC: | 215.47 | FAF: HOBKU | DIST FAF TO MAP: 5.10 THLD: 5.10 | | |
| 4. MIN. ALT: | AWBIR 4400, HOBKU 4000, LOKEC/1.60 NM TO RW22 2880* | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 100 HAT: | GS ANT: |
| 6. MIN GS INCPT: | 4000 | GS ALT AT: HOBKU 4000 | OM: | MM: | IM: |
| 7. GS ANGLE: | 3.00 | TCH: 40.0 34:1 IS NOT CLEAR | | | |
| 8. MSA FROM: | RW22 4600 | | | | |

MAG VAR: 8E

EPOCH YEAR: 1990

[illegible]

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17 AND 22 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING SNYDER ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 29C (84F).
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 22 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
2
CHECKED

CITY AND STATE SWEETWATER, TX	ELEVATION: 2380 THRE: 2337 AIRPORT NAME: AVENGER FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 20 OCT 2011	SUP:
				AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SNYDER ALTIMETER SETTING AND INCREASE

ALL DA 72 FEET AND ALL MDA 80 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.

INCREASE LNAV CATS C AND D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ABI VORTAC AIRWAY RADIALS 195 CW 319.

QUALITY
2
CHECKED

CITY AND STATE
SWEETWATER, TX

ELEVATION: 2380 THRE: 2337
AIRPORT NAME:
AVENGER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, ORIG
20 OCT 2011

SUP:
AMDT: NONE
DATED:

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KSWW
RUNWAY RW22
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W22A
LTP/FTP LATITUDE 322820.1965N
LTP/FTP LONGITUDE 1002730.0620W
LTP/FTP ELLIPSOIDAL HEIGHT +06852
FPAP LATITUDE 322715.3600N
FPAP LONGITUDE 1002842.4500W
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 1024
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

E05B2916

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +07123
FPAP ORTHOMETRIC HEIGHT +07123

QUALITY
2
CHECKED

CITY AND STATE

SWEETWATER, TX

ELEVATION: 2380

THRE: 2337

AIRPORT NAME:

AVENGER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, ORIG

20 OCT 2011

SUP:

AMDT:

NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	ABI	K4011370VTHW	N32285278W099514845			N32285278W099514845E0100018102				NARABILENE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	AWBIR	K40	W	N32370793W100173930				E0060	NAR		AWBIR		
SUSAEAENRT	HOBKU	K40	W	N32320264W100232141				E0060	NAR		HOBKU		
SUSAEAENRT	LOKEC	K40	W	N32293005W100261203				E0061	NAR		LOKEC		
SUSAEAENRT	LORAN	K40	C	L N32261433W100391209				E0062	NAR		LORAN		
SUSAEAENRT	OKWOR	K40	W	N32185676W100375758				E0062	NAR		OKWOR		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KSWWK4ASWW	0	058YHN32280250W100275960E008002380				1800018000C		MNAR		AVENGER FIELD		

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KSWWK4FR22	AABI	010ABI	K4D 0V A	IF					18000		A JS	
SUSAP	KSWWK4FR22	AABI	020AWBIRK4EA0EE	B 010TF			28280234		+ 04400			A JS	
SUSAP	KSWWK4FR22	ALORAN	010LORANK4EA0E	IF						18000		A JS	
SUSAP	KSWWK4FR22	ALORAN	020AWBIRK4EA0EY	020TF			05110212		+ 04400			A JS	
SUSAP	KSWWK4FR22	ALORAN	030AWBIRK4EA0EE	AR HF			21550050		+ 04400			A JS	
SUSAP	KSWWK4FR22	R	010AWBIRK4EA0E	I IF					+ 04400	18000		A JS	
SUSAP	KSWWK4FR22	R	020HOBKUK4EA1E	F 051TF			21550070		+ 04000		RW22 K4PGA	JS	
SUSAP	KSWWK4FR22	R	020HOBKUK4EA2WALPV		ALNAV/VNAV ALNAV							JS	
SUSAP	KSWWK4FR22	R	021LOKECK4EA0E	S 031TF			21550035		V 0288002886		-300	A JS	
SUSAP	KSWWK4FR22	R	030RW22 K4PGOGY	M 031TF			21540016		02377		-300	A JS	
SUSAP	KSWWK4FR22	R	040	0 M CA			2154		+ 02587			A JS	
SUSAP	KSWWK4FR22	R	050OKWORK4EA0EY	DF					+ 04400			A JS	
SUSAP	KSWWK4FR22	R	060OKWORK4EA0EE	R HM			03530050		+ 04400			A JS	

QUALITY
CHECKED

CITY AND STATE

SWEETWATER, TX

ELEVATION: 2380

THRE: 2337

AIRPORT NAME:

AVENGER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, ORIG

20 OCT 2011

SUP:

AMDT: NONE

DATED:

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

SUSAP KSWWK4GRW22 0056582154 N32282020W100273006+0800 +0685202337000040075R

SUSAP KSWWK4PR22 RW22 002E +07123+07123LPV 49125

SUSAP KSWWK4SRW22 K4PG 0 18018004625

QUALITY
CHECKED

ELEVATION: 2380 THRE: 2337
AIRPORT NAME:
AVENGER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, ORIG
20 OCT 2011

SUP:	
AMDT:	NONE
DATED:	