

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	LPV: DA LNAV/VNAV: DA LNAV: RW04 CLIMB TO 4400 DIRECT AWBIR AND HOLD.													
LORAN	OKWOR (FO)	163.77 / 7.35	4400														
OKWOR (IF/IAF)	WATUV (FB)	035.33 / 7.00	4000														
WATUV (FAF)	ALATE/1.90 NM TO RW04 (FB)	035.38 / 3.06															
ALATE/1.90 NM TO RW04	RW04 (MAP) (FO)	035.41 / 1.90															
RW04 (MAP)	2630 MSL	035.41															
2630 MSL	AWBIR (FO)		4400	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 215.52 INBOUND. CHART FAS OBST: 2516 TANK 322752N/1002819W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. WAAS CHANNEL # 72925 REFERENCE PATH ID: W04A LTP HAE: 698.2 M													
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW OKWOR, RT, 035.33 INBOUND, 4400 FT. IN LIEU OF PT (IAF) 3. FAC: 035.38 FAF: WATUV DIST FAF TO MAP: 4.96 THLD: 4.96 4. MIN. ALT: OKWOR 4400, WATUV 4000, ALATE/1.90 NM TO RW04 3020* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 4000 GS ALT AT: WATUV 4000 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW04 4600				MAG VAR: 8E EPOCH YEAR: 1990													
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @											
CATEGORY =====>	A			B			C			D			E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	2630	1	250	2630	1	250	2630	1	250	2630	1	250					
LNAV/VNAV DA	2727	1 1/8	347	2727	1 1/8	347	2727	1 1/8	347	2727	1 1/8	347					
LNAV MDA	2820	1	440	2820	1	440	2820	1 1/4	440	2820	1 1/4	440					
CIRCLING	2880	1	500	2880	1	500	2880	1 1/2	500	2940	2	560					
NOTES: 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: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. (SEE FORM 8260-10)																	
CITY AND STATE SWEETWATER, TX				ELEVATION: 2380 THRE: 2380 AIRPORT NAME: AVENGER FIELD				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, ORIG 20 OCT 2011				SUP: AMDT: NONE DATED	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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NOTES, (CONT.):

*RNAV 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 VISIBILITY ALL CATS 1/8 MILE. INCREASE RNAV/VNAV VISIBILITY ALL CATS 1/4 MILE AND RNAV VISIBILITY CATS C AND D 1/8 MILE.

CHART NOTE: WHEN VGSI INOP, STRAIGHT IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT.

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17 AND 22 NA AT NIGHT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LORAN ON V16 WESTBOUND.

QUALITY
2
CHECKED

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				AMDT: NONE
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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSWW
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	322739.5425N
LTP/FTP LONGITUDE	1002815.4455W
LTP/FTP ELLIPSOIDAL HEIGHT	+06982
FPAP LATITUDE	322844.3800N
FPAP LONGITUDE	1002703.0500W
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

88F16200

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07253
FPAP ORTHOMETRIC HEIGHT	+07253

CITY AND STATE

SWEETWATER, TX

ELEVATION: 2380

THRE: 2380

AIRPORT NAME:

AVENGER FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

20 OCT 2011

SUP:

AMDT:

NONE

DATED:

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[illegible]

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      1       2       3       4       5       6       7       8       9       0       1       2       3
MSA   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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SUSAP KSWWK4SRWQ4 K4PG               0  18018004625                                     M

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QUALITY
1
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