

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
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.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
WLYMS (IAF)	WARES (FB)	130.21 / 5.00	2000	LPV: DA LNAV/VNAV: DA LNAV: RW22 CLIMB TO 2000 DIRECT KEDKY AND LEFT TURN VIA TRACK 116.12 TO POPEY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 296.24 INBOUND. CHART FAS OBST: 298 TOWER 300525N/0934714W DISTANCE TO THLD FROM 316 HAT: 0.85 NM. CHART VDP AT 1.78 MILES TO RW22* *LNAV ONLY. WAAS CHANNEL # 56614 REFERENCE PATH ID: W22A
SAHAJ (IAF)	WARES (FB)	310.29 / 5.00	2000	
WARES (IF)	IBCED (FB)	220.25 / 6.04	2000	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WARES
- FAC: 220.21 FAF: IBCED DIST FAF TO MAP: 6.00 THLD: 6.00
- MIN. ALT: WARES 2000, IBCED 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2000 GS ALT AT: IBCED OM: MM: IM:
- GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
- MSA FROM: RW22 2400

MAG VAR: 2E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	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	329	1	316	329	1	316	329	1	316		NA				
LNAV/VNAV DA	674	2 1/4	661	674	2 1/4	661	674	2 1/4	661		NA				
LNAV MDA	600	1	587	600	1	587	600	1 1/2	587		NA				
CIRCLING	660	1	647	660	1	647	660	1 3/4	647		NA				

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: RADAR REQUIRED
 SEE 8260-10

CITY AND STATE ORANGE, TX	ELEVATION: 13 TDZE: 13 AIRPORT NAME: ORANGE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 22 OCT 2009	SUP: AMDT: NONE DATED
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NOTES CONT.**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTHEAST TEXAS RGNL ALTIMETER SETTING AND INCREASE ALL DA 32 FEET AND ALL MDA 40 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, AND LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.****CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SOUTHEAST TEXAS RGNL ALTIMETER SETTING.****CHART NOTE: CIRCLING NA TO RWY 13/31.**

CITY AND STATE

ORANGE, TX

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AIRPORT NAME:

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORG
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	300425.1570N
LTP/FTP LONGITUDE	0934746.4855W
LTP/FTP ELLIPSOIDAL HEIGHT	-00234
FPAP LATITUDE	300318.9600N
FPAP LONGITUDE	0934855.4200W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

1B547255

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00040
FPAP ORTHOMETRIC HEIGHT	+00040

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KORGK4FR22	ASAH	010	SAHAJK4EA0E	A	IF					18000		A JS	
SUSAP KORGK4FR22	ASAH	020	WARESK4EA0EE		010TF		31030050	+	02000			A JS	
SUSAP KORGK4FR22	AWLY	010	WLYMSK4EA0E	A	IF					18000		A JS	
SUSAP KORGK4FR22	AWLY	020	WARESK4EA0EE		010TF		13020050	+	02000			A JS	
SUSAP KORGK4FR22	R		010WARESK4EA0E	I	IF			+	02000	18000		A JS	
SUSAP KORGK4FR22	R		020IBCEDK4EA1E	F	051TF		22030060	+	02000		RW22	K4PGA	JS
SUSAP KORGK4FR22	R		020IBCEDK4EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP KORGK4FR22	R		030RW22 K4PGOGY	M	031TF		22020060		00058		-300		A JS
SUSAP KORGK4FR22	R		040KEDKYK4EA0E	M	010DF								A JS
SUSAP KORGK4FR22	R		050POPEYK4EA0EY		L010TFY		1161	+	02000				A JS
SUSAP KORGK4FR22	R		060POPEYK4EA0EE		R020HM		29620040	+	02000				A JS

[illegible][illegible]

QUALITY
CHECKED

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SAHAJ	SAHAJ	010	IAF	IF		FB				
	SAHAJ	WARES	020		TF		FB	1.0	310.3 (312T)	005.0	02000
	WLYMS	WLYMS	010	IAF	IF		FB				
	WLYMS	WARES	020		TF		FB	1.0	130.2 (132T)	005.0	02000
		WARES	010	FACF	IF		FB				02000
		IBCED	020	FAF	TF		FB	0.5	220.3 (222T)	006.0	02000
		RW22	030	MAP	TF		FO	0.3	220.2 (222T)	006.0	00058

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KEDKY	040		DF		FB	1.0			
	POPEY	050		TF	L	FO	1.0	116.1 (118T)		02000
	POPEY	060		HM	R	FO	2.0	296.2 (298T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IBCED	N300852.44	W0934307.84	N3008.874	W09343.131
	KEDKY	N300019.84	W0935201.75	N3000.331	W09352.029
	POPEY	N295327.72	W0933718.57	N2953.462	W09337.310
	SAHAJ	N300959.26	W0933410.54	N3009.988	W09334.176
	WARES	N301321.52	W0933826.71	N3013.359	W09338.445
	WLYMS	N301643.64	W0934243.18	N3016.727	W09342.720
	RW22	N300425.16	W0934746.49	N3004.419	W09347.775

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00013	45

QUALITY
1
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