

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.									
TERMINAL ROUTES				MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE		ALTITUDE							
AHASS (IF/IAF)		AFBUL (FB)		132.39 / 6.04		4600							
AFBUL (FAF)		CITAT/2.00 NM TO RW13 (FB)		132.42 / 3.44									
CITAT/2.00 NM TO RW13		RW13 (MAP) (FO)		132.42 / 2.00									
RW13 (MAP)		3072 MSL		132.42		5000							
3072 MSL		BORTY (FO)											
				LPV: DA LNAV/VNAV: DA LNAV: RW13									
				CLIMB TO 5000 DIRECT BORTY AND HOLD.									
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 312.54 INBOUND. CHART FAS OBST: 2864 TREE 314833N/1031411W FAS OBST: 3104 AAO 315034N/1031704W DISTANCE TO THLD FROM 250 HATH: 0.64 NM. CHART VDP AT 0.80 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 93831 REFERENCE PATH ID: W13A LTP HAE: 835.8 M									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)													
2. HOLD NW AHASS, RT, 132.39 INBOUND, 5000 FT. IN LIEU OF PT (IAF)													
3. FAC: 132.42 FAF: AFBUL _____ DIST FAF TO MAP: 5.44 THLD: 5.44													
4. MIN. ALT: AHASS 5000, AFBUL 4600, CITAT/2.00 NM TO RW13 3500*													
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____													
6. MIN GS INCPT: 4600 GS ALT AT: AFBUL 4600 _____ OM: _____ MM: _____ IM: _____													
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR													
8. MSA FROM: _____				MAG VAR: 8E EPOCH YEAR: 2010									
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
LPV DA		3072	3/4	250	3072	3/4	250	3072	3/4	250		NA	
LNAV/VNAV DA		3072	3/4	250	3072	3/4	250	3072	3/4	250		NA	
LNAV MDA		3120	1	298	3120	1	298	3120	7/8	298		NA	
CIRCLING													
		3280	1	458	3280	1	458	3580	2 1/4	758		NA	
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING PECOS ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)													
CITY AND STATE WINK, TX		ELEVATION: 2822 THRE: 2822 AIRPORT NAME: WINKLER COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 2 MAY 2013				SUP: AMDT: ORIG DATED 05/07/2009			

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

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NOTES, (CONT.):

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

\*LNAV ONLY

CHART NOTE: VDP NA WITH PECOS ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PECOS ALTIMETER SETTING AND INCREASE ALL DA 95 FEET AND ALL MDA 100 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE, LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	042/30 CW 222/30 (NOPT)	042/14 CW 222/14	5400
2.	042/14 CW 222/14	AHASS (IF/IAF) (FB)	5000
3.	222/30 CW 267/30	222/18 CW 267/18	5500
	222/18 CW 267/18	AHASS (IF/IAF) (FO)	5000
4.	267/30 CW 042/30	AHASS (IF/IAF) (FO)	5000

CITY AND STATE

WINK, TX

ELEVATION: 2822

THRE: 2822

AIRPORT NAME:

WINKLER COUNTY

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

2 MAY 2013

SUP:

AMDT: ORIG

DATED: 05/07/2009

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KINK
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	314658.8990N
LTP/FTP LONGITUDE	1031227.9135W
LTP/FTP ELLIPSOIDAL HEIGHT	+08358
FPAP LATITUDE	314550.0400N
FPAP LONGITUDE	1031121.3800W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

<u>CRC REMAINDER</u>	50AC0459
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+08600
FPAP ORTHOMETRIC HEIGHT	+08600

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				AMDT:      ORIG
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KINKK4FR13	AAHASS	010AHASSK4EA0EE	AR	HF			13240050	+	05000	18000			A JS
SUSAP KINKK4FR13	R	010AHASSK4EA0E	I	IF				+	05000	18000			A JS
SUSAP KINKK4FR13	R	020AFBULK4EA1E	F	051TF			13240060	+	04600				A JS
SUSAP KINKK4FR13	R	020AFBULK4EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KINKK4FR13	R	021CITATK4EA0E	S	031TF			13240034	V	0350003503		-300		A JS
SUSAP KINKK4FR13	R	030RW13	K4PGOGY	M	031TF		13240020		02867		-300		A JS
SUSAP KINKK4FR13	R	040		O	M	CA	1324	+	03072				A JS
SUSAP KINKK4FR13	R	050BORTYK4EA0EY		DF				+	05000				A JS
SUSAP KINKK4FR13	R	060BORTYK4EA0EE	R	HM			31250050	+	05000				A JS

[illegible][illegible]

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	AIRPORT NAME: <b>WINKLER COUNTY</b>	<b>RNAV</b>	<b>RNAV (GPS) RWY 13, AMDT 1</b>	AMDT: <b>ORIG</b>
			2 MAY 2013	DATED: <b>05/07/2009</b>

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	AHASS	AHASS	010	IAF	HF	R	FO		132.4 (140.4T)	005.0	AA 05000	
		AHASS	010	FACF	IF		FB				AA 05000	
		AFBUL	020	FAF	TF		FB	0.5	132.4 (140.4T)	006.0	AA 04600	
		CITAT	021	SDF	TF		FB	0.3	132.4 (140.4T)	003.4	AA 03500	GS 03503
		RW13	030	MAP	TF		FO	0.3	132.4 (140.4T)	002.0	AT 02867	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		132.4 (140.4T)		AA 03072	
	BORTY	050		DF		FO				AA 05000	
	BORTY	060		HM	R	FO		312.5 (320.5T)	005.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AFBUL	N315111.20	W1031631.99	N3151.187	W10316.533
	AHASS	N315550.93	W1032103.18	N3155.849	W10321.053
	BORTY	N313740.87	W1030329.91	N3137.681	W10303.499
	CITAT	N314831.63	W1031357.56	N3148.527	W10313.959
	RW13	N314658.90	W1031227.91	N3146.982	W10312.465

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	02822	45

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	AIRPORT NAME: <b>WINKLER COUNTY</b>		<b>RNAV</b>	<b>RNAV (GPS) RWY 13, AMDT 1</b> 2 MAY 2013	AMDT: <b>ORIG</b>
				DATED: <b>05/07/2009</b>	