

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	LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 3100 DIRECT PUKIY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 170.87 INBOUND. CHART FAS OBST: 698 OL ON BLDG 295320N/0975155W 804 AAO 294839N/0975224W. DISTANCE TO THLD FROM 250 HATH: 0.61 NM. CHART VDP AT 1.03 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 70632 REFERENCE PATH ID: W35A CHART CIRCLING ICON. LTP HAE: 149.2 M											
CILAK (IF/IAF)	UDOTE (FB)	350.87 / 7.20	2000												
UDOTE (FAF)	MOKXO/2.50 NM TO RW35 (FB)	350.87 / 1.80													
MOKXO/2.50 NM TO RW35	RW35 (MAP) (FO)	350.87 / 2.50													
RW35 (MAP)	825 MSL	350.87													
825 MSL	PUKIY (FO)		3100												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S CILAK, RT, 350.87 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>350.87</u> FAF: <u>UDOTE</u> DIST FAF TO MAP: <u>4.30</u> THLD: <u>4.30</u> 4. MIN. ALT: CILAK 3100, UDOTE 2000, MOKXO/2.50 NM TO RW35 1420* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: UDOTE 2000 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 7E EPOCH YEAR: 1985											
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	825	3/4	250	825	3/4	250	825	3/4	250	825	3/4	250	825	3/4	250
LNAV/VNAV DA	876	1	301	876	1	301	876	1	301	876	1	301	876	1	301
LNAV MDA	960	1	385	960	1	385	960	1 1/8	385	960	1 1/8	385	960	1 1/8	385
CIRCLING	1080	1	485	1120	1	525	1240	1 3/4	645	1320	2 1/4	725	1340	2 3/4	745
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING NEW BRAUNFELS ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (3F) OR ABOVE 54C (130F). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEW BRAUNFELS ALTIMETER SETTING AND INCREASE ALL DA 43 FT AND ALL MDA 60 FT; INCREASE LPV ALL CATS AND LNAV/VNAV ALL CATS VISIBILITY (SEE FORM 8260-10) <div style="float: right; text-align: right;"> @ CAT D 800-2 1/4, CAT E 800-2 3/4 @ NA WHEN LOCAL WEATHER NOT AVAILABLE. </div>															
CITY AND STATE SAN MARCOS, TX		ELEVATION: 595 THRE: 575 AIRPORT NAME: SAN MARCOS MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 27 JUNE 2013				SUP: AMDT: NONE DATED		<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> QUALITY 2 CHECKED </div>			

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

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NOTES, (CONT.):

1/8 MILE; AND INCREASE LNAV CAT C/D/E AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: CIRCLING NA FOR CAT E SW OF RWY 13-31.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VDP NA WITH NEW BRAUNFELS ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	261/30 CW 081/30 (NOPT)	CILAK (IF/IAF) (FB)	3100
	081/30 CW 261/30	CILAK (IF/IAF) (FO)	3100

QUALITY
2
CHECKED

CITY AND STATE
SAN MARCOS, TX

ELEVATION: 595 THRE: 575
 AIRPORT NAME:
SAN MARCOS MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, ORIG
 27 JUNE 2013

SUP:
 AMDT: **NONE**
 DATED:

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHYI
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	295314.4985N
LTP/FTP LONGITUDE	0975125.6995W
LTP/FTP ELLIPSOIDAL HEIGHT	+01492
FPAP LATITUDE	295443.7535N
FPAP LONGITUDE	0975129.5110W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1160
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

5A7103AB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01753
FPAP ORTHOMETRIC HEIGHT	+01753

CITY AND STATE

SAN MARCOS, TX

ELEVATION: 595

THRE: 575

AIRPORT NAME:

SAN MARCOS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

27 JUNE 2013

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KHYIK4FR35	ACILAK	010CILAKK4EA0EE	AR	HF			35090060	+	03100	18000		A	JS
SUSAP KHYIK4FR35	R	010CILAKK4EA0E	I	IF				+	03100	18000		A	JS
SUSAP KHYIK4FR35	R	020UDOTEK4EA1E	F	051TF			35090072	+	02000			A	JS
SUSAP KHYIK4FR35	R	020UDOTEK4EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KHYIK4FR35	R	021MOKXOK4EA0E	S	031TF			35090018	V	0142001426		-300	A	JS
SUSAP KHYIK4FR35	R	030RW35	K4PG0GY	M	031TF		35090025		00630		-300	A	JS
SUSAP KHYIK4FR35	R	040		0	M	CA	3509	+	00825			A	JS
SUSAP KHYIK4FR35	R	050PUKIYK4EA0EY		DF				+	03100			A	JS
SUSAP KHYIK4FR35	R	060PUKIYK4EA0EE	R	HM			17090060	+	03100			A	JS

[illegible][illegible]

QUALITY
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CITY AND STATE
SAN MARCOS, TX

ELEVATION: 595 THRE: 575
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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
	CILAK	CILAK	010	IAF	HF	R	FO		350.9(357.9T)	006.0	AA 03100	
		CILAK	010	FACF	IF		FB				AA 03100	
		UDOTE	020	FAF	TF		FB	0.5	350.9(357.9T)	007.2	AA 02000	
		MOKXO	021	SDF	TF		FB	0.3	350.9(357.9T)	001.8	AA 01420	GS 01426
		RW35	030	MAP	TF		FO	0.3	350.9(357.9T)	002.5	AT 00630	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		350.9(357.9T)		AA 00825	
	PUKIY	050		DF		FO				AA 03100	
	PUKIY	060		HM	R	FO		170.9(177.9T)	006.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CILAK	N294143.29	W0975056.25	N2941.722	W09750.938
	MOKXO	N295044.24	W0975119.30	N2950.737	W09751.322
	PUKIY	N300726.65	W0975202.15	N3007.444	W09752.036
	UDOTE	N294855.93	W0975114.67	N2948.932	W09751.245
	RW35	N295314.50	W0975125.70	N2953.242	W09751.428

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00575	55

CITY AND STATE
SAN MARCOS, TX

ELEVATION: **595** THRE: **575**
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FACILITY
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
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27 JUNE 2013

SUP:
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