

ILS or LOC Y RWY 33R

LOC I-RND 109.3		APCH CRS 325°		Rwy Idg TDZE Arprt Elev 8351 734 761		[USAF]		RANDOLPH AFB (KRND)																	
RADAR or DME required						ALSIF-1 		MISSED APPROACH: Climb to 1500, then climbing right turn hdg 084° to 3000. Intercept DHK R-054 to WIMVI and hold.																	
* When ALS inop, increase RVR to 40 and vis to 3/4 mile. ** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE vis to 1 1/2 miles. *** Circling not authorized SW of Rwy 15L-33R.																									
ATIS ★ 290.525		SAN ANTONIO APP CON 128.05 318.1		TOWER ★ 128.25 294.7		GND CON 119.65 275.8		HANGOVER ATIS ★ 327.8		HANGOVER TOWER ★ 120.5 291.1		HANGOVER GND CON 124.75 353.75													
Simultaneous approaches authorized with Rwy 33R and 33L.																									
1394 EMERG SAFE ALT 100 NM 4100 ELEV 761 TDZE 734 HIRL all rwys ALS Rwy 15L nstd len 2100' FAF to MAP 3.6 NM <table><tr><td>Knots</td><td>60</td><td>90</td><td>120</td><td>150</td><td>180</td></tr><tr><td>Min:Sec</td><td>3:36</td><td>2:24</td><td>1:48</td><td>1:26</td><td>1:12</td></tr></table>														Knots	60	90	120	150	180	Min:Sec	3:36	2:24	1:48	1:26	1:12
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CATEGORY		A		B		C		D		E															
S-ILS 33R *		933/24										200 (200-1/2)													
S-LOC 33R **		1180/24		447 (500-1/2)		1180/45		447 (500-7/8)																	
CIRCLING ***		1240-1		479 (500-1)		1260-1 1/2 499 (500-1 1/2)		1900-3		1139 (1200-3)															