

HI-ILS or LOC Z RWY 15L

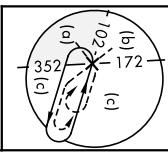
RANDOLPH AFB (KRND)

MISSED APPROACH: Climb to 1500, then climbing left turn heading 024° to 3000, intercept DHK TACAN R-054 to WIMVI and hold.

MISSED APPROACH heading 024° to WIMV and hold

HANGOVER GND CON	124.75 353.75
HANGOVER POWER ★	291.1

Simultaneous approaches authorized with Rwy 15L and 15R.



EMERG SAFE ALT 100 NM 4100

ELEV	761		TDZE	742
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29°32'N-98°17'W

RANDOLPH AFB (KRND)

HI-ILS or LOC Z RWY 15L

HI-ILS or LOC Z RWY 33R

LOC I-RND <u>109.3</u>	APCH CRS <u>325°</u>	Rwy Idg 8351 TDZE 733 Apch Elev 761	[USAF]	
			RANDOLPH AFB (KRND)	

When AIS inop, increase RVR to 40, vis to $\frac{1}{2}$ mile.
 When AIS inop, increase vis to 1 $\frac{1}{2}$ miles.
 When AIS inop, increase SW of Rwy 15L-33R.
 Circling not authorized SW of Rwy 15L-33R.

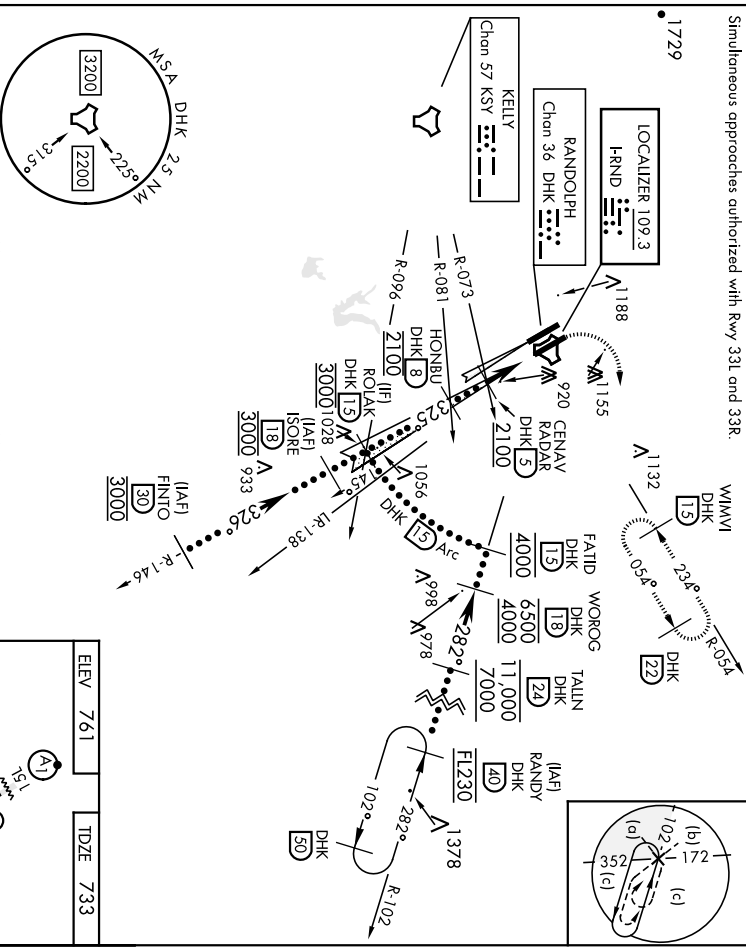
 AIS 1
 2
 3
 4
 5
 6
 7
 8
 9
 10

MISS'D APPROACH: Climb to 1500, then climbing right turn heading 084° to 3000, intercept DHK R-054 to W1W1 and hold.

MISSED APPROACH: Climb to 1500, then climbing right turn heading 084° to 3000, intercept DHK R-054 to WIMVI and hold.

Simultaneous approaches authorized with Rwy 33L and 33R.	WMMV	-5A		HANGOVER TOWER *	HANGOVER GND CON	120.5	291.1	
				ATIS *	GND CON	124.75	353.75	
				TOWER *	CINC DEL (RWY 15L/33R)	338.35		
				SAN ANTONIO APP CON				
				128.25	294.7	119.65	275.8	
				290.525	128.05	318.1		

Simultaneous approaches authorized with Rwy 33L and 33R.



EMERG SAFE ALT 100 NM 4100

1500	3000	WIMVI DHK	GENAV 5 RADAR	HONBU DHK 8	ROLAK DHK 13
↓	Idg 08.4°	DHK K-034			
VOSI and ILS glidepath not coincident (VGSi Angle 3.00/TCH 42)					

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29° 32' N - 98° 17' W

RANDOLPH AFB (KRND)

HI-ILS or LOC Z RWY 33R

[USAF]

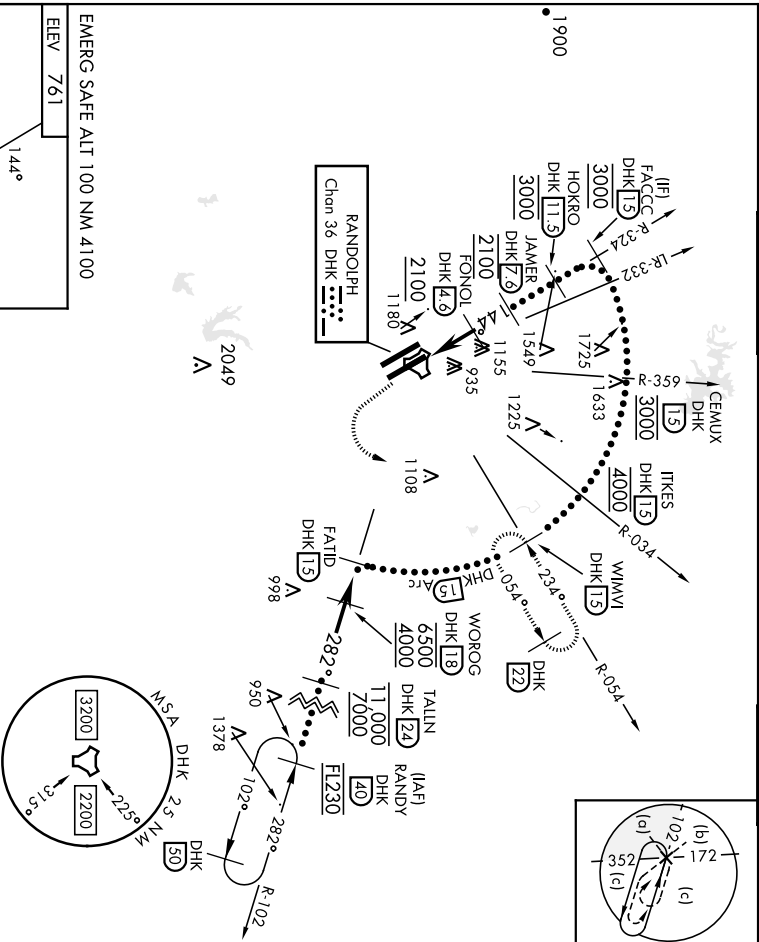
RANDOLPH AFB (KRND)

TACAN DHK Chan 36	APCH CRS 144°	Rwy Idg TDZE Arprt Elev	N/A N/A 761
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*Circling not authorized SW of Rwy 15L-33R.

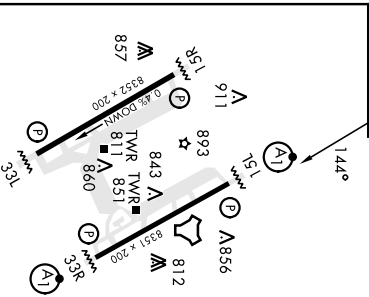
heading 024° to 3000. Intercept DHK TACAN R-054 to WIMVI and hold.

ATIS★	SAN ANTONIO APP CON	TOWER★	GND CON	CLNC DEL (RWY 15L-33R)	HANGOVER ATIS★	HANGOVER TOWER★	HANGOVER GND CON
290,525	128,05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75



EMERG SAFE ALT 100 NM 4100

ELEV 761

[illegible]

HL all rwy
ALS Rwy 15L nstd len 2100'

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29° 32' N - 98° 17' W

RANDOLPH AFB (KRI

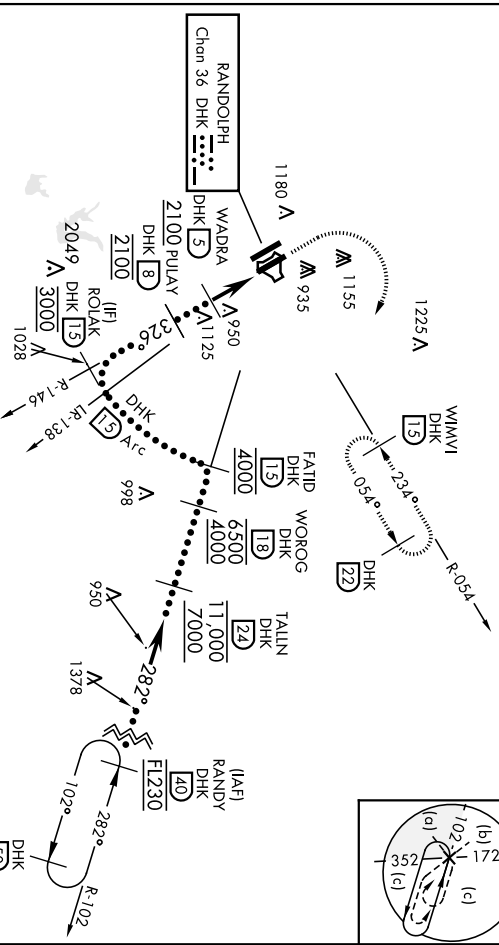
HI-TACANA

HI-TACAN B

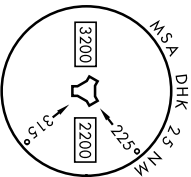
RANDOLPH AFB (KRND)

MISSED APPROACH: Track 327° to 1500, then climbing right turn heading 084° to 3000. Intercept DHK TACAN R-054 direct WIMVI and hold.

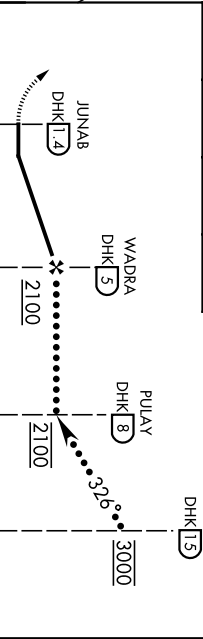
● 1585



ELEV 761



 1500 tr 327°	 3000 hdg 084°	DHK R-054	WIMVI DHK 15
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HIRL all rwyS
ALS Rwy 15L nstd len 2100'
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0.5	3.6 NM	
CATEGORY	C	D
CIRCLING*	1260-1½ 49° (500-1½)	1800-3 1039 (1100-3)

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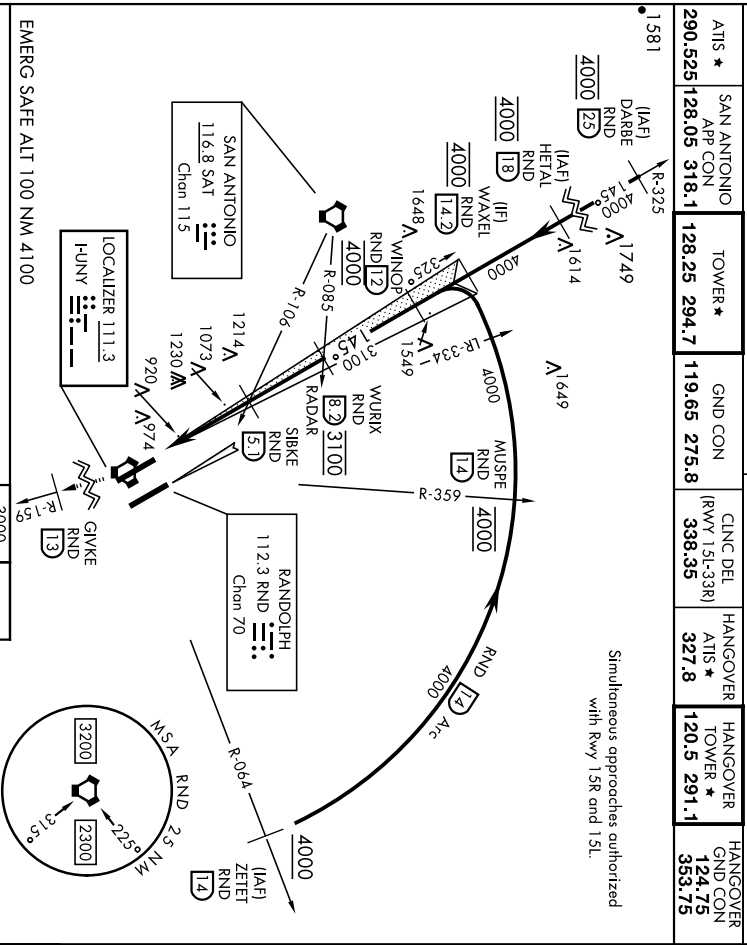
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RANDOLPH AFB (KRND)

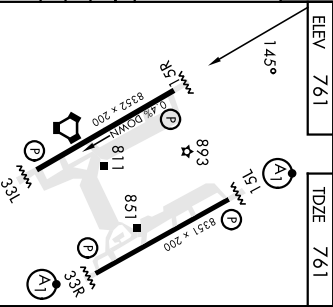
HI-TACAN B

ILS or LOC Rwy 15R

LOC HUNY 111.3	APCH CRS 145°	Rwy Idg 8352 TDZE 761 Arpt Elev 761	AL-341	[USAF]	RANDOLPH AFB (KRND)
RADAR or DME required.					
* Circling not authorized NE of Rwy 15R-33L.					



EMERG SAFE ALT 100 NM 4100				
WAXEL RND <u>14.2</u>	WINOP RND <u>12</u>	WURIX RND <u>8.2</u>	WUTOP RND <u>5.1</u>	GWKE RND <u>13</u>
4000	145°	4000	3100	3000
4000	145°	4000	3100	3000
GS 3.00°	145°	3100	2100	3000
TCH 47	145°	3100	2100	3000
CATEGORY	A	B	C	D
S-ILS 15R	961/40	200	(200-3/4)	E
S-LOC 15R	1340/55 579 (600-1)	1340-1 5/8	579 (600-1 5/8)	
CIRCLING*	1340-1 579 (600-1)	1500-2 739 (800-2)	1800-3 1039 (1100-3)	
WITHOUT LAST STEP DOWN FIX				
S-LOC 15R	1540/55 779 (800-1)	1540-1 1/4	1540-2 1/2 779 (800-2 1/2)	
CIRCLING*	1540-1 779 (800-1)	1540-1 1/4	1540-2 1/2 779 (800-2 1/2)	
UNIVERSAL CITY, TEXAS				
29°32'N-98°17'W				
HIRL all rwys				
ALS Rwy 15L nsid len 2100'				
FAF to MAP 6.7 NM				
Knots	60	90	120	150
Min:Sec	6:42	4:28	3:21	2:41



ILS or LOC Rwy 15R

RANDOLPH AFB (KRND)

ILS or LOC RWY 33L

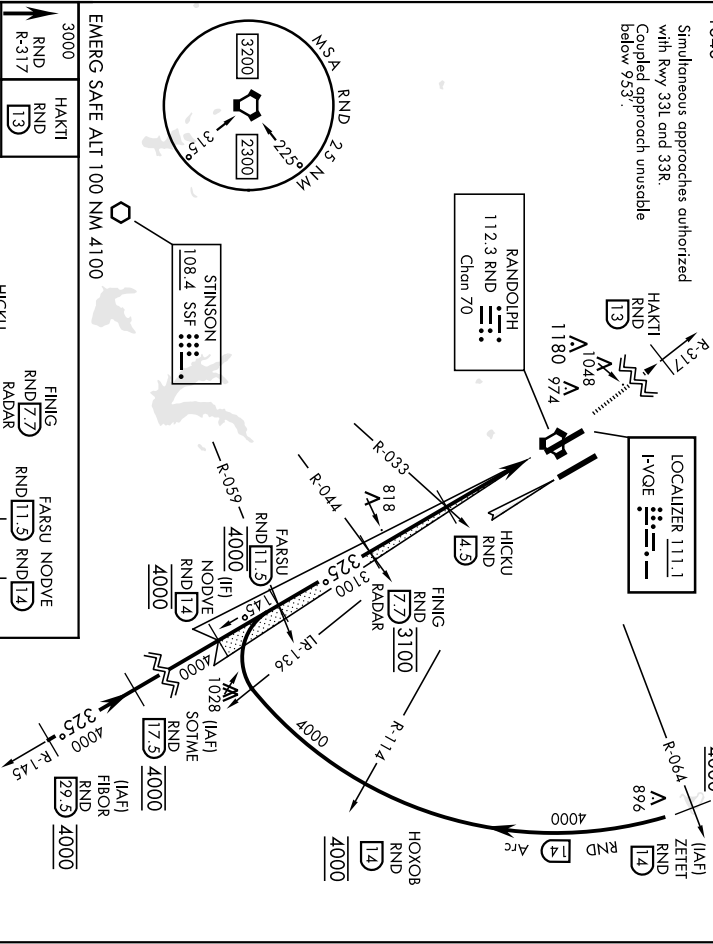
AL-341 [USAF]

RANDOLPH AFB (KRND)

LOC I-VOE 111.1	APCH CRS 325°	Rwy Idg TDZE Appt Elev 761	8352 733	761
* Circling not authorized NE of Rwy 15R-33L.				
MISSED APPROACH: Climb to 3000 out RND VORTAC R-317 to 13 DME (HAKTI). Expect ATC instructions.				
ATIS *	SAN ANTONIO APP CON	TOWER *	GND CON	CINC DEL
290.525	128.05	318.1	128.25	294.7
119.65	275.8	338.35	327.8	120.5
291.1	353.75	124.75		

1348

Simultaneous approaches authorized
with Rwy 33L and 33R.
Coupled approach unusable
below 953'.



SC-3, 22 FEB 2024 to 21 MAR 2024

SC-3, 22 FEB 2024 to 21 MAR 2024

EMERG SAFE ALT 100 NM 4100		3000	RND	HAKTI	RND	13
		R-317	RND	13		
		3100	RND	7.7	FINIG	RND
		3100	RND	11.3	FARSU	NODVE
		3100	RND	14	HOKOB	RND
		3100	RND	17.3	HIRL	off rwy 33L
		3100	RND	29.5	HIRL	off rwy 33L
		3100	RND	32.5	HIRL	off rwy 33L
		3100	RND	35.1	HIRL	off rwy 33L
		3100	RND	37.8	HIRL	off rwy 33L
		3100	RND	40.5	HIRL	off rwy 33L
		3100	RND	43.2	HIRL	off rwy 33L
		3100	RND	45.9	HIRL	off rwy 33L
		3100	RND	48.6	HIRL	off rwy 33L
		3100	RND	51.3	HIRL	off rwy 33L
		3100	RND	54.0	HIRL	off rwy 33L
		3100	RND	56.7	HIRL	off rwy 33L
		3100	RND	59.4	HIRL	off rwy 33L
		3100	RND	62.1	HIRL	off rwy 33L
		3100	RND	64.8	HIRL	off rwy 33L
		3100	RND	67.5	HIRL	off rwy 33L
		3100	RND	70.2	HIRL	off rwy 33L
		3100	RND	72.9	HIRL	off rwy 33L
		3100	RND	75.6	HIRL	off rwy 33L
		3100	RND	78.3	HIRL	off rwy 33L
		3100	RND	81.0	HIRL	off rwy 33L
		3100	RND	83.7	HIRL	off rwy 33L
		3100	RND	86.4	HIRL	off rwy 33L
		3100	RND	89.1	HIRL	off rwy 33L
		3100	RND	91.8	HIRL	off rwy 33L
		3100	RND	94.5	HIRL	off rwy 33L
		3100	RND	97.2	HIRL	off rwy 33L
		3100	RND	99.9	HIRL	off rwy 33L
		3100	RND	102.6	HIRL	off rwy 33L
		3100	RND	105.3	HIRL	off rwy 33L
		3100	RND	108.0	HIRL	off rwy 33L
		3100	RND	110.7	HIRL	off rwy 33L
		3100	RND	113.4	HIRL	off rwy 33L
		3100	RND	116.1	HIRL	off rwy 33L
		3100	RND	118.8	HIRL	off rwy 33L
		3100	RND	121.5	HIRL	off rwy 33L
		3100	RND	124.2	HIRL	off rwy 33L
		3100	RND	126.9	HIRL	off rwy 33L
		3100	RND	129.6	HIRL	off rwy 33L
		3100	RND	132.3	HIRL	off rwy 33L
		3100	RND	135.0	HIRL	off rwy 33L
		3100	RND	137.7	HIRL	off rwy 33L
		3100	RND	140.4	HIRL	off rwy 33L
		3100	RND	143.1	HIRL	off rwy 33L
		3100	RND	145.8	HIRL	off rwy 33L
		3100	RND	148.5	HIRL	off rwy 33L
		3100	RND	151.2	HIRL	off rwy 33L
		3100	RND	153.9	HIRL	off rwy 33L
		3100	RND	156.6	HIRL	off rwy 33L
		3100	RND	159.3	HIRL	off rwy 33L
		3100	RND	162.0	HIRL	off rwy 33L
		3100	RND	164.7	HIRL	off rwy 33L
		3100	RND	167.4	HIRL	off rwy 33L
		3100	RND	170.1	HIRL	off rwy 33L
		3100	RND	172.8	HIRL	off rwy 33L
		3100	RND	175.5	HIRL	off rwy 33L
		3100	RND	178.2	HIRL	off rwy 33L
		3100	RND	180.9	HIRL	off rwy 33L
		3100	RND	183.6	HIRL	off rwy 33L
		3100	RND	186.3	HIRL	off rwy 33L
		3100	RND	189.0	HIRL	off rwy 33L
		3100	RND	191.7	HIRL	off rwy 33L
		3100	RND	194.4	HIRL	off rwy 33L
		3100	RND	197.1	HIRL	off rwy 33L
		3100	RND	199.8	HIRL	off rwy 33L
		3100	RND	202.5	HIRL	off rwy 33L
		3100	RND	205.2	HIRL	off rwy 33L
		3100	RND	207.9	HIRL	off rwy 33L
		3100	RND	210.6	HIRL	off rwy 33L
		3100	RND	213.3	HIRL	off rwy 33L
		3100	RND	216.0	HIRL	off rwy 33L
		3100	RND	218.7	HIRL	off rwy 33L
		3100	RND	221.4	HIRL	off rwy 33L
		3100	RND	224.1	HIRL	off rwy 33L
		3100	RND	226.8	HIRL	off rwy 33L
		3100	RND	229.5	HIRL	off rwy 33L
		3100	RND	232.2	HIRL	off rwy 33L
		3100	RND	234.9	HIRL	off rwy 33L
		3100	RND	237.6	HIRL	off rwy 33L
		3100	RND	240.3	HIRL	off rwy 33L
		3100	RND	243.0	HIRL	off rwy 33L
		3100	RND	245.7	HIRL	off rwy 33L
		3100	RND	248.4	HIRL	off rwy 33L
		3100	RND	251.1	HIRL	off rwy 33L
		3100	RND	253.8	HIRL	off rwy 33L
		3100	RND	256.5	HIRL	off rwy 33L
		3100	RND	259.2	HIRL	off rwy 33L
		3100	RND	261.9	HIRL	off rwy 33L
		3100	RND	264.6	HIRL	off rwy 33L
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		3100	RND	294.3	HIRL	off rwy 33L
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		3100	RND	313.2	HIRL	off rwy 33L
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		3100	RND	318.6	HIRL	off rwy 33L
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		3100	RND	326.7	HIRL	off rwy 33L
		3100	RND	329.4	HIRL	off rwy 33L
		3100	RND	332.1	HIRL	off rwy 33L
		3100	RND	334.8	HIRL	off rwy 33L
		3100	RND	337.5	HIRL	off rwy 33L
		3100	RND	340.2	HIRL	off rwy 33L
		3100	RND	342.9	HIRL	off rwy 33L
		3100	RND	345.6	HIRL	off rwy 33L
		3100	RND	348.3	HIRL	off rwy 33L
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		3100	RND	356.4	HIRL	off rwy 33L
		3100	RND	359.1	HIRL	off rwy 33L
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		3100	RND	364.5	HIRL	off rwy 33L
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		3100	RND	415.8	HIRL	off rwy 33L
		3100	RND	418.5	HIRL	off rwy 33L
		3100	RND	421.2	HIRL	off rwy 33L
		3100	RND	423.9	HIRL	off rwy 33L
		3100	RND	426.6	HIRL	off rwy 33L
		3100	RND	429.3	HIRL	off rwy 33L
		3100	RND	432.0	HIRL	off rwy 33L
		3100	RND	434.7	HIRL	off rwy 33L
		3100	RND	437.4	HIRL	off rwy 33L
		3100	RND	440.1	HIRL	off rwy 33L
		3100	RND	442.8	HIRL	off rwy 33L
		3100	RND	445.5	HIRL	off rwy 33

SAF]

SAF]

LOC I-TRT <u>109.9</u>	APCH CRS 145°	Rwy Idg 8351
		TDZE 742
		Arprt Elev 761

RADAR or DME required

* When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE to $1\frac{3}{8}$ miles.

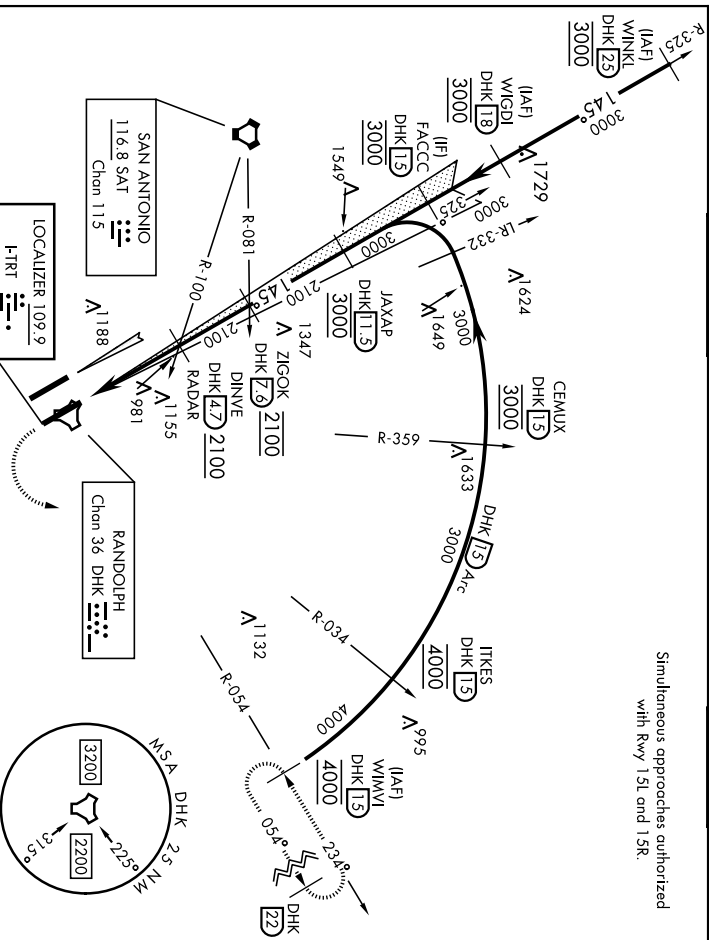
** Circling not authorized SW of Rwy 15L-33R.

left turn heading 024° to 3000. Intercept DHK TACAN R-054 to WIMVI and hold.

Ⓐ

ATIS ★	SAN ANTONIO APP CON	TOWER ★	GND CON	CINC DEL (RWY 15L-39R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290,525	128,05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75

Simultaneous approaches authorized with Rwy 15L and 15R.



SC-3, 22 FEB 2024 to 21 MAR 2024

EMERG SAFE ALT 100 NM 4100					ELEV 761	TDZE 742
VCSID and ILS glidepath not coincident! (VCSID Angle 3.000/TCH 40).						
FACCC JAXAP DHK [15] DHK [1.5]					1500 3000 hdg 072° DHK R-054 WIMWI DHK [15]	
ZIGOC DHK [7.9] DIVE DHK [7.2] RADAR 2100						
3000 3000 14.5° 2100 2100 2100						
GS 3.00° TCH 41						
CATEGORY A B C D E S-ILS 15L 942/40 200 1260-1¼ (200-¾) S-LOC 15L * 1260/40 518 (500-¾) 1260-1¼ 518 (500-1¼) CIRCLING ** 1260-1 499 (500-1) 1260-1½ 499 (500-1½) 1800-3 1039 (1100-3)						
HIRL all rwy's ALS Rwy 15L nsid len 2100'						
FATO MAP 3.7 NM					Knots 60 90 120 150 180 Min/Sec 3:42 2:28 1:51 1:29 1:14	

UNIVERSAL CITY, TEXAS

29°32'N-98°17'W

RANDOLPH AFB (KRND)

Amdt 3 28DEC23

ILS or LOC Y Rwy 15L

ILS or LOC Y Rwy 33R

LOC I-RND <u>109.3</u>	APCH CRS 325°	Rwy Idg 733 TDZE 761 Aptl Elev	8351	[USAF]	RANDOLPH AFB (KRND)
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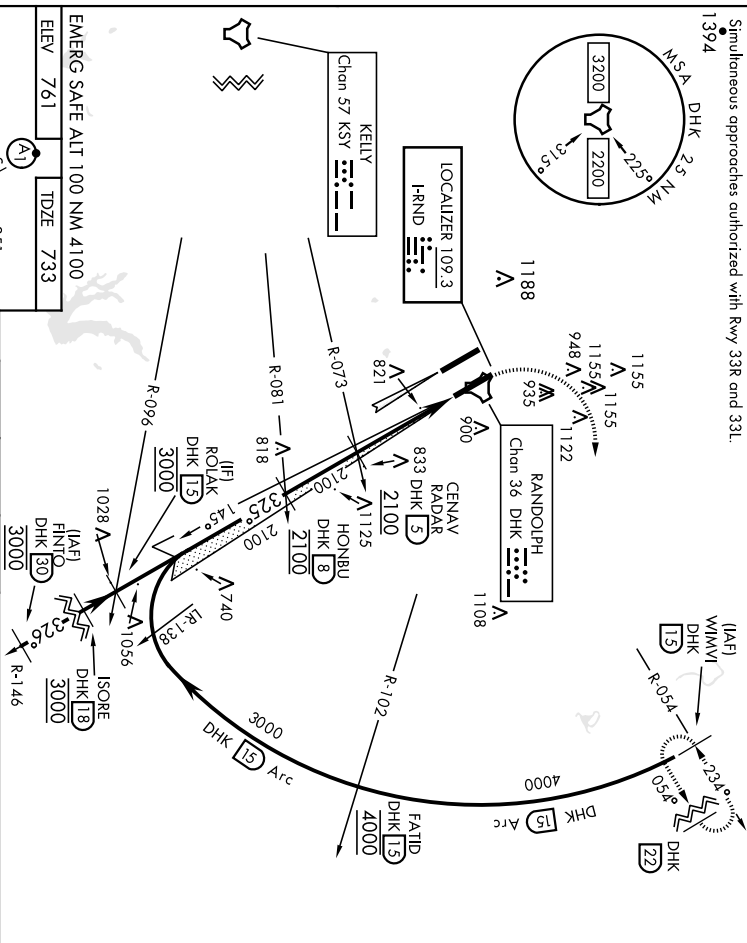
- * When ALS inop, increase RVR to 40 and vis to 3/4 mile.
- ** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE vis to 1 1/8 miles.
- *** Circling not authorized SW of Rwy 15L-33R.

ALSF-1

MISSED APPROACH: Climb to 1500, then climbing right turn hdg 084° to 3000. Intercept DHK R-054 to WIMVI and hold.

ATIS ★	TOWER ★	GND CON	CINC DEL (RWY 15L-33R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05	119.65	338.35	327.8	120.5	353.75
128.05	294.7	275.8				
318.1						

Simultaneous approaches authorized with Rwy 33R and 33L



EMERG SAFE ALT 100 NM 4100

ELEV 761	TDZE 733
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CATEGORY		A	B	C	D	E
S-ILS 33R *		93.3/24		200	(200-1/2)	
S-LOC 33R ***		1180/24	447 (500-1/2)	1180/45	447 (500-7/8)	
S-LOC 33R ***		1240-1	479 (500-1)	1260-1 1/2	499 (500-1 1/2)	1800-3 1039 (1100-3)

HIRL all runways
 ALS Rwy 15L naid len 2100'

1500 3000
 HDG 085
 DHK R-054
 WMMV DHK DHK 15
 CENAV DHK 15
 RADAR 2100
 HONBU DHK 8
 ROLAK DHK 15
 325° 3000
 VGS and ILS glidepath not coincident (VGS Angle 3.00/TCH 42)

0.5 NM 3.6 NM
 FOLAV DHK 1.4
 DHK 2.2
 DHK 2100
 2100
 325° 3000

UNIVERSAL CITY, TEXAS

29° 32' N - 98° 17' W

RANDOLPH AFB (KRND)

Amdt 4 28DEC23

ILS or LOC Y Rwy 33R

[USAF]

RANDOLPH AFB (KRND)

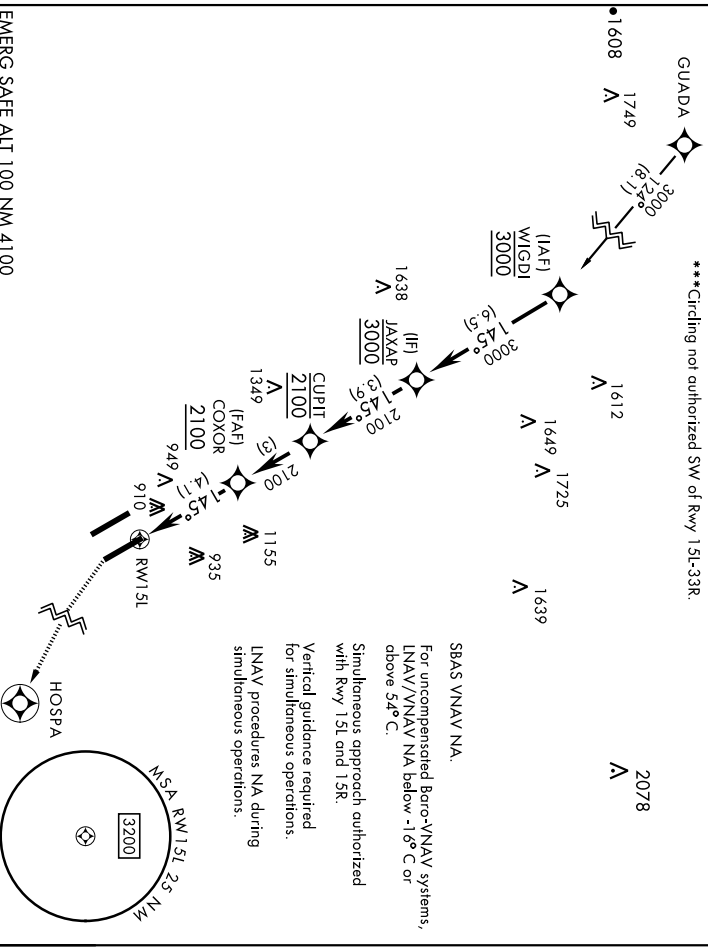
APCH CRS 145°	Rwy Idg 8351 TDZE 742 Aptl Elev 761		
RNP ARCH - GP5			
*When A15 CRS, increase CAT ABC RVR to 4.5, vis to 1 mile **When CAT DE RVR to 50, vis to 1 mile ***When A15 nmbr, increase CAT AB RVR to 55, vis to 1 mile. CAT CDE vis to 1% miles.		ALSF-1 	
RANDOLPH AFB (KRND) MISSED APPROACH: Climb to 1,500, then climbing left turn to 3000 direct HOSPA. Expect ATC instructions.			

*When AIS inop, increase CAT ABC RVR to 45, vis to $\frac{7}{8}$ mile, CAT DE RVR to 50, vis to 1 mile.
 **When AIS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE vis to $1\frac{3}{8}$ miles.

ALSF-1

MISSED APPROACH: Climb to 1500, then climbing left turn to 3000 direct HOSPA. Expect ATC instructions.

***Circling not authorized SW of Rwy 15L-33R

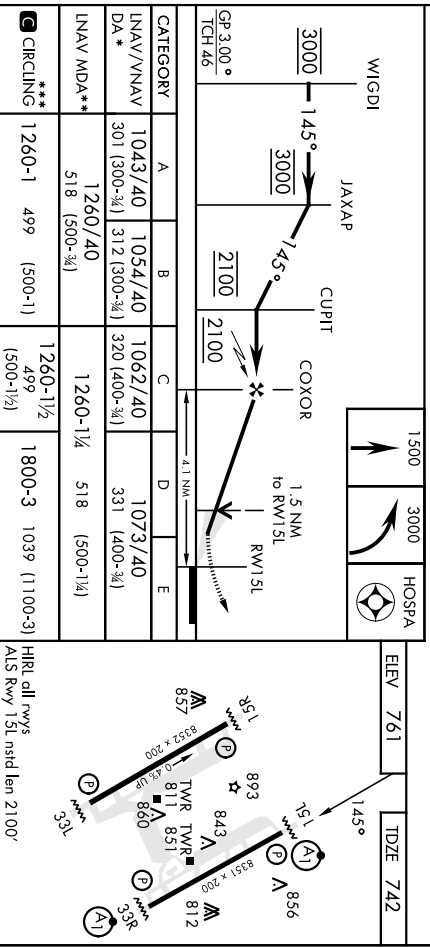


SBAS VNAV NA.
For uncompensated Baro-VNAV systems,
INAV/VNAV NA below -1.6°C or
above 54°C .
Simultaneous approach authorized
with Rwy 15L and 15R.
Vertical guidance required
for simultaneous operations.
INAV procedures NA during
simultaneous operations.

SC-3, 22 FEB 2024 to 21 MAR 2024

SC-3, 22 FEB 2024 to 21 MAR 2024

EMERG SAFE ALT 100 NM 4100



UNIVERSAL CITY, TEXAS
Amdt 4 28DEC23

29°32'N-98°17'W

RANDOLPH AFB (KRND)

RNAV (GPS) RWY 15L

AL-341 [USAF]

AL-341 [USAF]

AL-341 [USAF]

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MISSED APPROACH: Climb to 1 600 then climbing right turn to 3000 direct GIVKE. Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	TOWER ★	GND CON	CINC DEL (RWY 15L-38R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 355.75

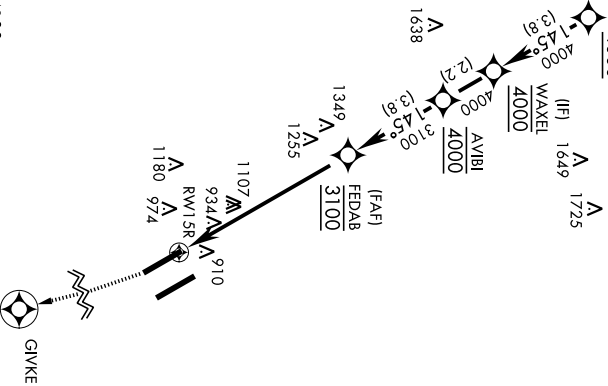
А.
2078
SBAS VNAY NA.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C .

Simultaneous approach authorized with Rwy 15L and 15R.

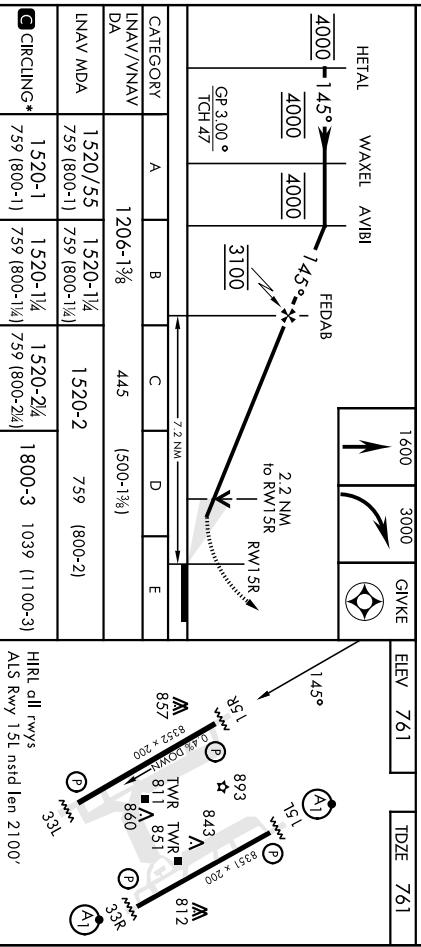
Vertical guidance required for simultaneous operations.

LNAV procedures NA during simultaneous operations.



SC-3, 22 FEB 2024 to 21 MAR 2024

EMERG SAFE ALT 100 NM 4100

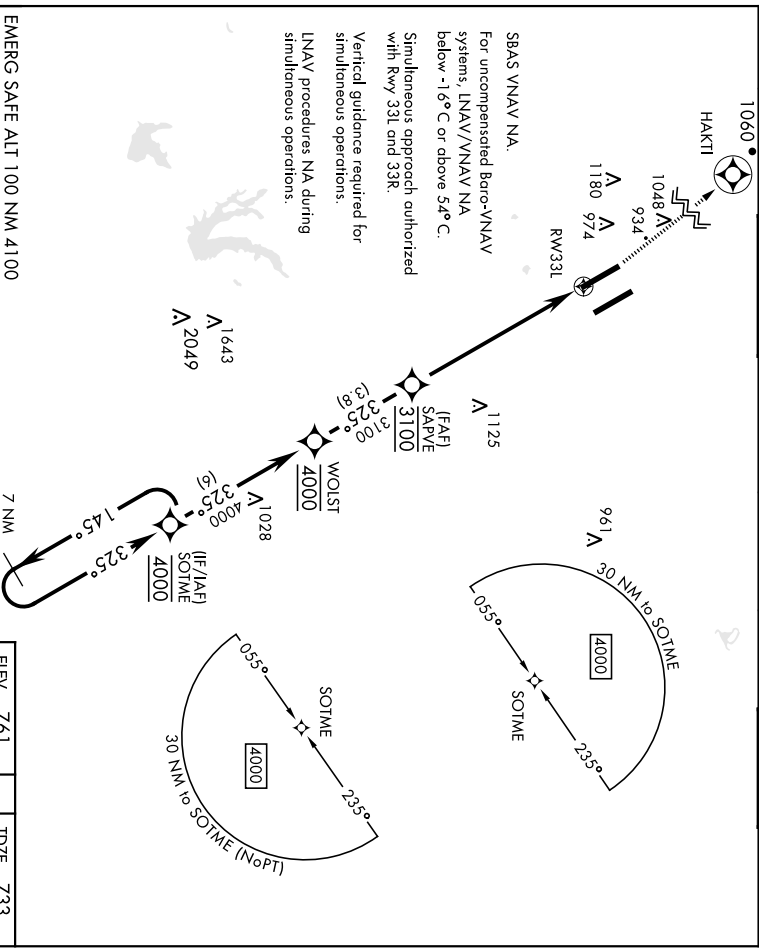


29°32'N-98°17'W

RANDOLPH AFB (KRND)
RNAV (GPS) RWY 15R

RNAV (GPS) RWY 33L

APCH CRS 325°	Rwy 10g TDLE Aspl Elev 761	AL-341 [USAF]		RANDOLPH AFB (KRND)	
RNP APCH - GPS		MISSED APPROACH: Climbing to 1200, then climbing left turn to 3000 direct HAKTIL. Expect ATC instructions.			
* Circling not authorized NE of Rwy 15R-3L.					
ATIS *	SAN ANTONIO AP CON	TOWER *	GND CON	CLNC DEL (Rwy 15L-3R)	HANGOVER ATIS *
290.525	128.05	318.1	128.25	294.7	119.65
			275.8	338.35	327.8
					120.5
					291.1
					124.75
					353.75



EMERG SAFE ALT 100 NM 4100						7 NM		ELEV 761		TDZE 733	
1200	3000	HAKTI				7 NM		ALS Rwy 15L nstd len 2100'			
							HIRL all rwy's				
INAV/VNAV	983/40	250	(300-¾)	992/40	1030/45						
DA				259 (300-¾)	297 (300-¾)						
INAV MDA	1180/55	447 (500-1)	1180-1⅓	447	(500-1⅓)						
CIRCLING*	1240-1	1280-1	1500-2	1800-3	1039 (1100-3)						

RNAV (GPS) RWY 33R

APCH CRS	Rwy Idg	8351
325°	TDZE	733
	Appt Elev	761

[USAF]

RANDOLPH AFB (KRND)

RNP APCH - GPS

* When AIS inop, increase CAT AB CD RVR to 40, vis to $\frac{3}{4}$ mile;
CAT E RVR to 45, vis to $\frac{1}{2}$ mile
** When AIS inop, increase CAT AB RVR to 55 and vis to 1 mile;
CAT CDE vis to $1\frac{1}{2}$ miles.



MISSED APPROACH: Climb to 1500 then
climbing right turn to 3000 direct CESVU.
Expect ATC instructions.

ATIS *	TOWER *	GND CON	CLNC DEI (Rwy 15L-33R)	HANGOVER ATIS *	HANGOVER TOWER *	HANGOVER GND CON
290.525	128.25	119.65	338.35	327.8	120.5	124.75
158.05	318.1	275.8		327.8	291.1	353.75

1096 CESVU **Circling not authorized SW of Rwy 15L-33R.

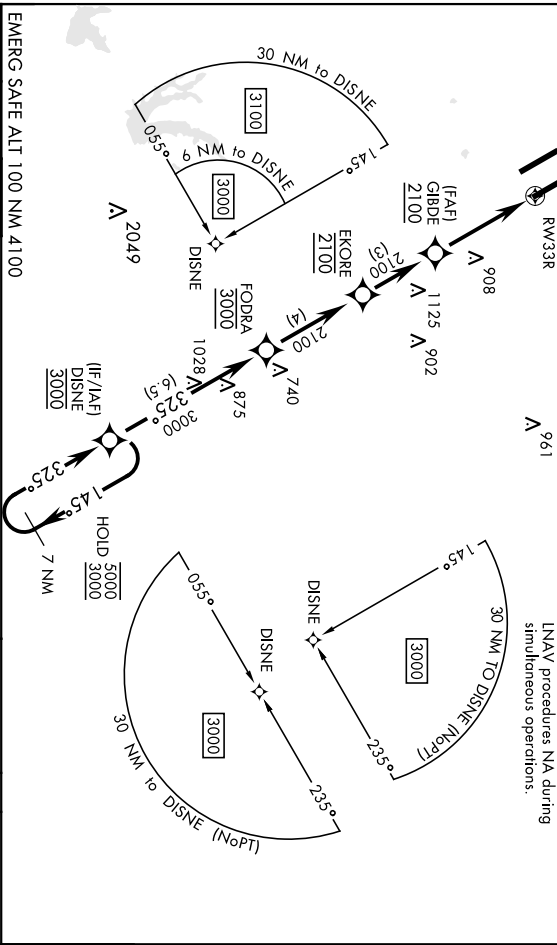
SBAS VNAV NA.

For uncompensated Baro-VNAV systems,
LNAV/VNAV NA below -1° C or
above 54° C.

Simultaneous approach authorized
with Rwy 33L and 33R.

Vertical guidance required for simultaneous
operations.

LNAV procedures NA during
simultaneous operations.



EMERG SAFE ALT 100 NM 4100

1500 3000 CESVU (VGS1 and RNAV glidepath not coincident)
(VGS1 Angle 3.00/TCH 42).



CATEGORY	A	B	C	D	E
LNAV/VNAV DA *	983/24	250 (300-1/2)	987/24	1025/24	
LNAV MDA **	1200/24	467 (500-1/2)	1200/50	467 (500-1)	
CIRCLING ***	1240-1	479 (500-1)	1260-1 1/2 499 (500-1 1/2)	1800-3	1039 (1100-3)

UNIVERSAL CITY, TEXAS

29°32'N-98°17'W

RANDOLPH AFB (KRND)

RNAV (GPS) RWY 33R

HIRL all rwws
ALS Rwy 15L nsd len 2100'

