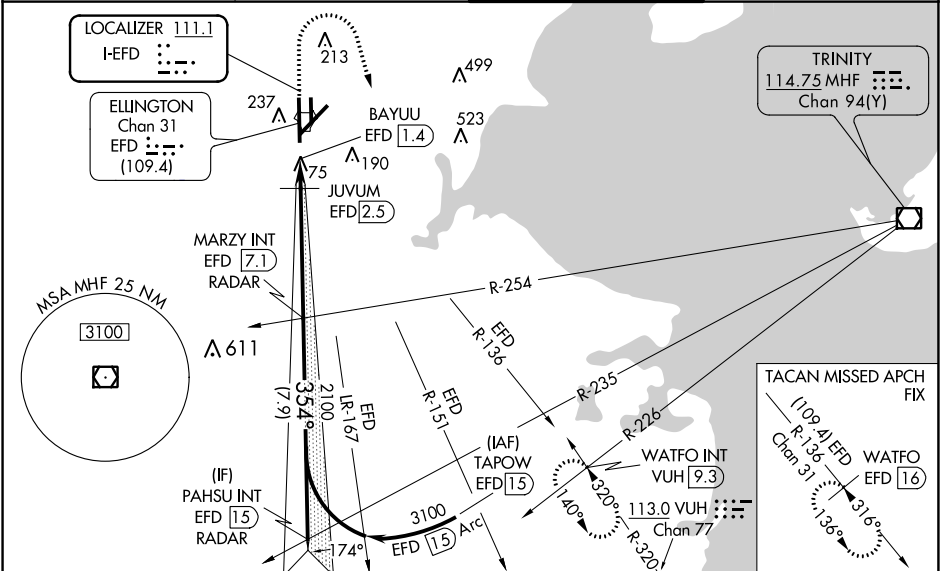


LOC I-EDF 111.1	APP CRS 354°	Rwy Idg TDZE Apt Elev 9001 28 33
---------------------------	------------------------	--

ILS Z or LOC Z RWY 35L
ELLINGTON (EFD)

RADAR required for procedure entry.		MALSF 	MISSED APPROACH: Climb to 700 then climbing right turn to 3100 on VUH VOR/DME R-320 to WATFO INT/VUH 9.3 DME and hold. (TACAN aircraft climb to 700 then climbing right turn to 3100 on EFD TACAN R-136 to WATFO/EFD 16 DME and hold southeast, left turn, 316° inbound).
 	Circling NA west of Rwy 17R-35L. DME from EFD TACAN. Simultaneous reception of HEFD and EFD DME required. Inop table does not apply to S-ILS 35L. For inop ALS, increase S-LOC 35L Cat C/D/E visibility to 1½ SM. For inop ALS when using JUVUM fix minimums, increase S-LOC 35L Cat C/D/E visibility to RVR 6000.		

ATIS 135.575 269.9	HOUSTON APP CON 134.45 284.0	ELLINGTON TOWER 126.05 253.5	GND CON 121.6 275.8
------------------------------	--	--	-------------------------------



ELEV 33	D	TDZE 28	HIRL Rwy 4-22 and 17R-35L TDZ/CL Rwy 17R, 22 and 35L WATFO INT VUH R-320 *LOC only. JUVUM EFD 2.5 BAYUU EFD 1.4 MARZY INT EFD 7.1 RADAR PAHSU INT EFD 15 RADAR GS 3.00° TCH 54 0.6 NM 1.1 NM 4.6 NM 7.9 NM <table><tr><th>CATEGORY</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td>S-ILS 35L</td><td colspan="5">228/40 200 (200-¾)</td></tr><tr><td>S-LOC 35L</td><td>620/40</td><td>592 (600-¾)</td><td>620-1⅓</td><td>592 (600-1⅓)</td><td></td></tr><tr><td>C CIRCLING</td><td>620-1</td><td>587 (600-1)</td><td>620-1¾ 587 (600-1¾)</td><td>640-2 607 (700-2)</td><td>700-2¼ 667 (700-2¼)</td></tr><tr><td colspan="6">JUVUM FIX MINIMUMS (DME REQUIRED)</td></tr><tr><td>S-LOC 35L</td><td>440/40</td><td>412 (500-¾)</td><td>440/50</td><td>412 (500-1)</td><td></td></tr><tr><td>C CIRCLING</td><td>500-1</td><td>467 (500-1)</td><td>580-1½ 547 (600-1½)</td><td>640-2 607 (700-2)</td><td>700-2¼ 667 (700-2¼)</td></tr></table>						CATEGORY	A	B	C	D	E	S-ILS 35L	228/40 200 (200-¾)					S-LOC 35L	620/40	592 (600-¾)	620-1⅓	592 (600-1⅓)		C CIRCLING	620-1	587 (600-1)	620-1¾ 587 (600-1¾)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)	JUVUM FIX MINIMUMS (DME REQUIRED)						S-LOC 35L	440/40	412 (500-¾)	440/50	412 (500-1)		C CIRCLING	500-1	467 (500-1)	580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)
CATEGORY	A	B	C	D	E																																													
S-ILS 35L	228/40 200 (200-¾)																																																	
S-LOC 35L	620/40	592 (600-¾)	620-1⅓	592 (600-1⅓)																																														
C CIRCLING	620-1	587 (600-1)	620-1¾ 587 (600-1¾)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)																																													
JUVUM FIX MINIMUMS (DME REQUIRED)																																																		
S-LOC 35L	440/40	412 (500-¾)	440/50	412 (500-1)																																														
C CIRCLING	500-1	467 (500-1)	580-1½ 547 (600-1½)	640-2 607 (700-2)	700-2¼ 667 (700-2¼)																																													
FAF to MAP 5.7 NM			<table><tr><th>Knots</th><th>60</th><th>90</th><th>120</th><th>150</th><th>180</th></tr><tr><th>Min:Sec</th><td>5:42</td><td>3:48</td><td>2:51</td><td>2:17</td><td>1:54</td></tr></table>						Knots	60	90	120	150	180	Min:Sec	5:42	3:48	2:51	2:17	1:54																														
Knots	60	90	120	150	180																																													
Min:Sec	5:42	3:48	2:51	2:17	1:54																																													