

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
TACAN STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23**

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	MAP: FIKKO/EFD 1.00 DME FIX	
BEBUY/13.00 DME CCW (IAF)	KIRNY/13.00 DME	13.00 DME ARC (EFD LR-055)	2000	CLIMBING LEFT TURN TO 3100 ON EFD TACAN R-136 TO WATFO/EFD 15.98 DME AND HOLD.	
KIRNY/13.00 DME (IF)	SONAR/5.00 DME	226.00 / 8.00 (EFD R-046)	1600		
				<b>ADDITIONAL FLIGHT DATA:</b> HOLD SE, LT, 316.00 INBOUND. CHART FAS OBST: 193 STACK 293831N/0950501W CHART LA PORTE MUNI. CHART VDP AT 2.22 DME; DISTANCE VDP TO THLD 1.35 MILES. CHART EFD R-116 AT BEBUY. SONAR TO RW22: 3.46/55. CHART COORDINATES FOR EFD TACAN, BEBUY. FAC 185R OF RWY C/L EXTENDED 3000 FROM THLD.	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. PROFILE STARTS AT KIRNY/13.00 DME
3. FAC 226.00 FAF SONAR/5.00 DME DIST FAF TO MAP        THLD 4.12
4. MIN. ALT KIRNY 2000, SONAR 1600
8. MSA FROM: EFD TACAN 150-330 3100, 330-150 1800, ESA W/N 100 NM 16000

MAG VAR: 5E                      EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N		A		X	
CATEGORY	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-22	500	2400	470	500	2400	470	500	5000	470	500	5000	470	500	5000	470
CIRCLING	500	1	468	500	1	468	500	1 1/2	468	600	2	568	660	2 1/4	628

**NOTES:**  
 CHART PLANVIEW NOTE: RADAR REQUIRED.  
 CHART PROFILE NOTE: VGS1 AND DESCENT ANGLES NOT COINCIDENT.  
 CHART NOTE: CIRCLING NA WEST OF RWY 17R-35L.  
 CHART NOTE: WHEN ALS INOP, INCREASE S-22 CAT A/B VISIBILITY TO RVR 5500 AND CAT C/D/E TO 1 3/8 MILES.



CITY AND STATE HOUSTON, TX	ELEVATION: 32                      THRE: 30	FACILITY IDENTIFIER: EFD	PROCEDURE NO./AMD NO./EFFECTIVE DATE: TACAN RWY 22, ORIG 9 FEB 2012	SUP
	AIRPORT NAME:  ELLINGTON FIELD			AMD                      NONE
	DATE			