

<b>ILS - STANDARD</b> <b>US DEPARTMENT OF TRANSPORTATION      INSTRUMENT APPROACH PROCEDURE</b> <b>FEDERAL AVIATION ADMINISTRATION      TITLE 14 CFR PART 97.29</b>							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		<b>ILS: DA</b> <b>LOC: 4.62 NM AFTER JOREG/I-BWY 6.05 DME/RADAR OR AT KICEG/I-BWY 1.44 DME FIX</b>  <b>CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 170 AND LIT VORTAC R-230 TO BAUDE INT/LIT 18.37 DME AND HOLD.</b>  <b>ALTERNATE MA (DO NOT CHART): CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 122 AND PBF VOR/DME R-330 TO MOMTE/PBF 16.73 DME AND HOLD (DME REQUIRED).</b>  <b>ADDITIONAL FLIGHT DATA:</b> <b>HOLD SW, LT, 050.00 INBOUND.</b> <b>CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW MOMTE/16.73 DME, LT, 150.01 INBOUND.</b> <b>CHART FAS OBST: 422 TOWER 344636N/0920936W.</b> <b>CHART VDP AT 2.44 DME*</b> <b>DISTANCE VDP TO THLD 1.01 NM.</b> <b>*LOC ONLY.</b> <b>CHART LIT R-089 AT QITXO.</b> <b>CHART IN PLANVIEW: MOMTE/16.73 DME.</b> <b>CHART CIRCLING ICON.</b> <b>CHART: LIT VORTAC 13.77 DME AT CALAY</b> <b>CHART: LOC/AZIMUTH OFFSET 1.87 DEGREES</b> <b>CHART LIT R-030 AT DUMPI AND CALAY</b> <b>CHART: ASR</b> <b>(SEE FORM 8260-10)</b>  <b>MAG VAR: 0E                      EPOCH YEAR: 2020</b>						
DUMPI/LIT 19.00 DME		CALAY/I-BWY 13.30 DME/RADAR		209.69 / 5.23 (LIT R-030)				2500								
CALAY/I-BWY 13.30 DME/RADAR (IAF)		EGKIV/I-BWY 11.47 DME/RADAR		228.38 / 1.83 (I-BWY)				2500								
QITXO/LIT 12.00 DME CCW (IAF)		EGKIV/I-BWY 11.47 DME/RADAR		12.00 DME ARC (LIT LR-038)				2500								
EGKIV/I-BWY 11.47 DME/RADAR (IF)		JOREG/I-BWY 6.05 DME/RADAR		228.39 / 5.42 (I-BWY)				1800								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CALAY/I-BWY 13.30 DME/RADAR 3. FAC: <u>228.39</u> FAF: <u>JOREG/I-BWY 6.05 DME/RADAR</u> DIST FAF TO MAP: <u>4.62</u> THLD: <u>4.62</u> 4. MIN. ALT: <u>CALAY 2500, EGKIV 2500, JOREG 1800</u> 5. DIST TO THLD FROM OM: _____ - _____ MM: _____ - _____ IM: _____ - 150 HAT: _____ - 100 HAT: _____ - GS ANT: <u>960</u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>JOREG 1800</u> OM: _____ - _____ MM: _____ - _____ IM: _____ - 7. GS ANGLE: <u>3.00</u> TCH: <u>51.0</u> 8. MSA FROM: <u>LIT VORTAC 3300</u>																
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		ILS: STANDARD		LOC: 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	
S-ILS 22L	509	4000	250	509	4000	250	509	4000	250	509	4000	250				
S-LOC 22L	640	4000	381	640	4000	381	640	4000	381	640	4000	381				
CIRCLING	820	1	554	1000	1	734	1180	2 3/4	914	1180	3	914				
NOTES: CHART NOTE: DME OR RADAR REQUIRED. <span style="float: right;">@ CAT C 1000-2 3/4, CAT D 1000-3</span> CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.																
CITY AND STATE  LITTLE ROCK, AR		ELEVATION: 266      TDZE: 259		FACILITY IDENTIFIER: I-BWY		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 22L, ORIG-D						SUP:				
		AIRPORT NAME:										AMDT:      ORIG-C				
		BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD										DATED      03/05/2015				



ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE  <div style="text-align: center;">ROUTINE</div>	
COORDINATED WITH:					
ATA <input checked="" type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input checked="" type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>
				OTHER (specify) <u>ZME, KLIT ATCT, AMGR, ST. AV. DIR, LIT APP CON</u>	
FLIGHT CHECKED BY					
NAME:				DATE:	
FLIGHT INSPECTION REVIEW NOT REQUIRED-PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017.				Digitally signed by <b>BEV L BORDY</b> Dec 26, 2017	
DEVELOPED BY					
NAME:				DATE:	
Digitally signed by <b>KISSY MAXFIELD</b> Dec 01, 2017				FIFO <b>AJV-5412</b> <b>06/17/2017</b>	
APPROVED BY					
NAME:				DATE:	
Digitally signed by <b>GEORGE E. DAVIS</b> <b>BEV L BORDY</b> <b>MANAGER</b>				FIFO <b>AJV-5410</b>	
CHANGES:					
Dec 26, 2017 1. UPDATED MAGVAR FROM 2E TO 0E AND COURSES ACCORDINGLY. 2. REMOVED CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. 3. CHANGED THRE TO TDZE. 4. CHARTED SIMULTANEOUS APPROACH NOTE. 5. INCREASED CIRCLING CAT A FROM 800/534 TO 820/554, CAT B FROM 800/534 TO 1000/734, CAT C FROM 940/674 TO 1180/914, INCREASED CAT C VIS FROM 2 TO 2 3/4. 6. BACKUP ALTIMETER NOTE DELETED. 7. UPDATED MISSED APPROACH INSTRUCTION FROM VIA TO ON. 8. REMOVED #@ NA WHEN LOCAL WEATHER NOT AVAILABLE. 9. CHANGED NOTE FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 22R, ILS RWY 22R (CAT II), ILS RWY 22R (CAT III)" TO "SIMULTANEOUS APPROACH AUTHORIZED". 10. ADDED NEW LARGER CIRCLING RADII AND CHART CIRLING ICON. 11. ILS ALTERNATE MINIMUMS CHANGED FROM CAT C, 700-2; CAT D, 1000-3 TO ALL CATS STANDARD. 12. LOC ALTERNATE MINIMUMS CHANGED FROM CAT D, 1000-3 TO CAT C 1000-2 3/4, CAT D 1000-3.					
REASONS:					
1. ILS CAT II/III MAGVAR WAS OUT OF TOLERANCE. 2. VGSI TCH AND PROCEDURE TCH ARE COINCIDENT IAW 8260.19H . 3. IAW NEW CRITERIA, THRE NO LONGER USED, P-NOTAM 5/3533 (ORIG-C). 4. REQUESTED BY ATO FOR SIMULTANEOUS OPERATIONS, P-NOTAM 2/2859 (ORIG-B). 5. NEW CONTROLLING OBS. 6. NOT REQUIRED, REDUNDANT WEATHER. 7. IAW 8260.19H. 8. ASOS ON WMSCR. 9. IAW 8260-19H CH 8. 10. TO MATCH OTHER PROCEDURES CIRCLING. 11. IN ACCORDANCE WITH FAAO 8260.3C, PARA 3-4-1. 12. INCREASE IN CIRCLING CAT C HAA DUE TO NEW CONTROLLING OBSTACLE WITH LARGER CIRCLING RADII.					

ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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ADDITIONAL FLIGHT DATA, (CONT.):  
FAC CROSSES RWY C/L EXTENDED 2633 FT FROM THLD.  
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.



CITY AND STATE  LITTLE ROCK, AR	ELEVATION: 266	TDZE: 259	FACILITY IDENTIFIER:  I-BWY	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  ILS OR LOC RWY 22L, ORIG-D	SUP:
	AIRPORT NAME:				AMDT: ORIG-C
	BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD				DATED: 03/05/2015

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

## STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

## PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.	
FEEDER	DUMPI/LIT 19.00	CALAY/I-BWY	1. TOWER (05-000919)	345523.00N/0920030.00W	649 (1A)	1000	AT851	2500	
	DME	13.30 DME/RADAR	2. TERRAIN	345706.00N/0915912.00W	394 (400)		AS1500	1900	
INITIAL	CALAY/I-BWY 13.30	EGKIV/I-BWY	3. AAO	345215.00N/0920054.00W	512 (4E)	1000	AT988	2500	
	DME/RADAR	11.47 DME/RADAR	4. TERRAIN	345348.00N/0920609.00W	292 (300)		AS1500	1800	
INITIAL: ARC	QITXO/LIT 12.00	EGKIV/I-BWY	5. TOWER (05-000826)	344424.00N/0915512.00W	619 (5D)	1000	AT881	2500	
	DME CCW	11.47 DME/RADAR	6. TERRAIN	345254.00N/0920012.00W	319 (300)		AS1500	1800	
INTERMEDIATE	EGKIV/I-BWY 11.47	JOREG/I-BWY 6.05	7. TOWER (05-001864)	344950.00N/0920619.00W	555 (2C)	500	AT745	1800	
	DME/RADAR	DME/RADAR	8. TERRAIN	345327.00N/0920618.00W	319 (300)		AS1000	1300	
FINAL: ILS	JOREG/I-BWY 6.05	RW22L	9. ANT ON BLDG (KLIT0056)	344410.57N/0921203.45W	268 (1A)	ASC		509/250	
	DME/RADAR								
FINAL: LOC	JOREG/I-BWY 6.05	4.62 NM AFTER	10. TOWER (05-001802)	344636.00N/0920936.00W	422 (1A)	250	SA-37	640	
	DME/RADAR	JOREG/I-BWY							
		6.05 DME/RADAR							
		OR AT							
		KICEG/I-BWY							
		1.44 DME FIX							
2. PROCEDURE TURN									
3. MISSED APPROACH	MAP: DA / 4.62 NM	BAUDE INT/18.37				ASC		3000	
	AFTER	DME	11. TOWER (05-002319)	343633.93N/0921414.67W	1047 (5D)	1000		2100	
	ELEV: 322/390		12. TERRAIN	343533.00N/0922724.00W	539 (500)		AS1500	2000	
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED 350	554	15. TREE	344228.46N/0921452.94W	509 (2C)	300	820	
CATEGORY B	1.5 NM	450	734	16. BLDG (05-000268)	344441.00N/0921624.00W	687 (2A)	300	1000	
CATEGORY C	1.7 NM	450	914	17. BLDG (05-000719)	344438.00N/0921633.00W	870 (2A)	300	1180	
CATEGORY D	2.3 NM	550	914	17. BLDG (05-000719)	344438.00N/0921633.00W	870 (2A)	300	1180	
CATEGORY E	4.5 NM	550							
5. MINIMUM SAFE ALTITUDES									
PRIMARY NAVAID: LIT VORTAC									
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (05-000779)	182/14.2	2237 (5D)	3300					
CITY AND STATE	ELEVATION: 266	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION					
LITTLE ROCK, AR	AIRPORT NAME: BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD	I-BWY	ILS OR LOC RWY 22L, ORIG-D	ASW					

QUALITY  
20

CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:  PRECIPITOUS TERRAIN EVALUATION COMPLETED.  ASOS IS ON WMSCR BACK-UP ALTIMETER SOURCE NOT ESTABLISHED DUE TO REDUDANT WEATHER SOURCES.  ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.85NM CAT D: 3.72NM  NO ADDITIONAL AIRSPACE REQUIRED.  LOC FINAL OBSTACLE IS 424 FEET INTO 7:1 TRANSITIONAL SURFACE.  PSEUDO RWY CREATED TO AID IN IAPA EVALUATION. FTP 344406.58N/0921205.37W. VISUAL AREA TO PSEUDO RWY HAS 34:1 PENETRATION KLIT 0056 ANT ON BLDG 344410.57N/0921203.45W, 268 MSL. WHEN THE OFFSET VISUAL AREA IS EVALUATED TO RWY 22L THIS OBSTACLE CLEARS 34:1 BY 3 FEET. DOES NOT AFFECT VISIBILITY AS APPROACH LIGHTS DO NOT HAVE RAILS, MINIMUM VISIBILITY 3/4, RVR 4000.  VGSI DATA: 3.00/50.4 INTERMEDIATE: ILS AND LOC HAVE THE SAME CONTROLLING OBSTACLE.  VISUAL PORTION OF FINAL PENETRATIONS: 34: 1 PENETRATION KLIT0056 344410.57N/0921203.45W 3.09 KLIT0055 344411.65N/0921204.67W 2.19  MISSED APPROACH OBSTACLES CONT. ALTERNATE: ASC 3000 13. TOWER (05-000877) 343155.65N/0920241.61W 1424 (5D) 1000 2500 14. TERRAIN 344200.00N/0921503.00W 401 (400) AS1500 1900																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
LIT TOWER LIT APP CON						N W S		OTHER: ASOS												SOURCE:KLIT									
						F A A														DISTANCE: 0									
						A / C														HOURS REMOTE OPERATION: 24 / YES									
SATISFACTORY ON:																				LOCATION: KLIT									
X		V H F		X		U H F														H F		ADJUSTMENT: 0							
4. MONITOR STATUS		PRIMARY NAVAID: I-BWY																											
		MONITOR POINT: KLIT ATCT																											
		HRS OPTN:		CAT 1		24																							
5. APPROACH & RUNWAY LIGHTING		X		ALSF-2 22R																									
				(S) SALS																									
		X		MALSF 22L MALSR 04L, 04R																									
		X		HIRL 04L, 04R, 18, 22L, 22R, 36																									
				MIRL																									
				REIL																									
		X		TDZ 22R																									
		X		C/L 04L, 04R, 22L, 22R																									
6. RUNWAY MARKINGS				BASIC																									
				ALL WEATHER PIR-G 04L, 04R, 22L, 22R																									
				INSTRUMENT NPI-G 18, 36																									
7. RUNWAY VISUAL RANGE				APPROACH 04L, 04R, 22L, 22R																									
				MIDFIELD 04L, 22R																									
				ROLL OUT 04L, 04R, 22L, 22R																									
8. GLIDE PATH		GP ANGLE: 3.00								ELEV RWY THRESHOLD:259.4																			
		DISTANCE FROM RWY: 960								ELEV GP ANTENNA: 254.1																			
										THRESHOLD CROSSING HEIGHT:51.0																			
9. FINAL APPROACH COURSE AIMING						RUNWAY THRESHOLD 2633 FT. FROM THRESHOLD																							
				X		ON CENTERLINE FT. FROM CENTERLINE																							
10. WAIVERS: NONE																													
PART D - PREPARED BY: KISSY MAXFIELD										DATE: 06/17/2017																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412																			

