

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29							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		ILS: DA LOC: 5.46 NM AFTER LORII INT/I-FLL 6.88 DME/RADAR OR AT I-FLL 1.42 DME CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 ON FLL VOR/DME R-115 TO ULSUZ INT/FLL 15.00 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA (DO NOT CHART): CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 115 AND DHP VORTAC R-052 TO MARTS INT/DHP 25.70 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 115.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE MARTS INT/DHP 25.70 DME, LT, 231.58 INBOUND. CHART FAS OBST: 138 TREE 260344N/0801033W CHART IN PLANVIEW: MARTS INT/DHP 25.70 DME. CHART CIRCLING ICON. *LOC ONLY.						
FLL VOR/DME		BEZER INT/I-FLL 13.92 DME/RADAR			274.09 / 12.07			4000								
BUNKR INT/I-FLL 20.12 DME/RADAR (IAF)		BEZER INT/I-FLL 13.92 DME/RADAR (NOPT)			096.37 / 6.20 (I-FLL)			4000								
BEZER INT/I-FLL 13.92 DME/RADAR (IF/IAF)		BLAIM INT/I-FLL 10.72 DME/RADAR			096.37 / 3.20 (I-FLL)			3000								
BLAIM INT/I-FLL 10.72 DME/RADAR		LORII INT/I-FLL 6.88 DME/RADAR			096.37 / 3.84 (I-FLL)			1800								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W BEZER, LT, 096.37 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: 096.37 FAF: LORII INT/I-FLL 6.88 DME/RADAR DIST FAF TO MAP: 5.46 THLD: 5.46 4. MIN. ALT: BEZER 4000, BLAIM 3000, LORII 1800, *ZALAL/I-FLL 3.02 DME 560 5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1049 6. MIN GS INCPT: 1800 GS ALT AT: LORII 1800 OM: - MM: - IM: - 7. GS ANGLE: 3.00 TCH: 50.5 8. MSA FROM: FLL VOR/DME 2100										MAG VAR: 6W		EPOCH YEAR: 2015				
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		ILS: #		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 10R	264	4000	250	264	4000	250	264	4000	250	264	4000	250				
S-LOC 10R	560	4000	546	560	4000	546	560	1 3/8	546	560	1 3/8	546				
CIRCLING	680	1	615	680	1	615	800	2	735	800	2 1/4	735				
ZALAL FIX MINIMUMS (DME REQUIRED)																
S-LOC 10R	400	4000	386	400	4000	386	400	5500	386	400	5500	386				
CIRCLING	680	1	615	680	1	615	800	2	735	800	2 1/4	735				
NOTES: CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 10R ALL CATS. (CONTINUED ON PAGE 2)																
CITY AND STATE FORT LAUDERDALE, FL		ELEVATION: 65 TDZE: 14 AIRPORT NAME: FORT LAUDERDALE/HOLLYWOOD INTL		FACILITY IDENTIFIER: I-FLL		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 10R, AMDT 1				SUP: 4 AMDT: CHECKED DATED: 06/25/2015						

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input checked="" type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div>ZMA, MIA APP CON, FLL ATCT, AMGR</div>					
FLIGHT CHECKED BY					
NAME: <div>JEFFREY ALAN ECKMAN</div>		Digitally signed by <div>DONALD H LANIER</div>		FIFO FICO DATE: 12/02/2016	
DEVELOPED BY					
NAME: <div>LIAM DONAHUE</div>		Digitally signed by <div>LIAM DONAHUE</div>		FIFO AJV-5412 DATE: 08/05/2016	
APPROVED BY					
NAME: <div>MARLON J. ROBINSON</div>		Digitally signed by <div>DONALD H LANIER</div>		FIFO AJV-5410 DATE:	
MANAGER					
CHANGES: Jan 12, 2017					
<div>1. CHANGED INOPERATIVE ALS CAT D VISIBILITY INCREASE, ZALAL FIX MINIMUMS, FROM 1 1/8 TO 1 3/8 MILE.</div> <div>2. ADDED VGSI AND ILS GLIDEPATH NOT COINCIDENT NOTE.</div> <div>3. CHANGED THE HOLD-IN-LIEU FROM RIGHT TO LEFT TURNS.</div> <div>4. RAISED CIRCLING CATEGORY A/B MDA FROM 560/HAA 495 AND 600/HAA 535 TO 680/HAA 615.</div> <div>5. RAISED ZALAL CIRCLING CATEGORY A/B MDA FROM 540/HAA 475 AND 600/HAA 535 TO 680/HAA 615.</div> <div>6. CHANGED SIMULTANEOUS NOTE FROM: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 10L, RNAV (GPS) Z RWY 10L. TO: SIMULTANEOUS APPROACH AUTHORIZED.</div> <div>7. RAISED ALL C/D CIRCLING MDA FROM 760/HAT 695 TO 800/HAT 735.</div> <div>8. REMOVED VDP.</div>					
REASONS:					
<div>1. 820.3B CHAPTER 3.</div> <div>2. P-NOTAM 5/2080.</div> <div>3. ATC REQUEST.</div> <div>4, 5. NEW CIRCLING CAT A/B CONTROLLING OBSTACLE (KFLLT006136).</div> <div>6. 8260.19G. CHAPTER 8.</div> <div>7. NEW 499 MSL BLDG. AT 260707.28N/0800831.19W.</div> <div>8. NEW VDP LOCATION WITHIN 0.5 NM OF ZALAL.</div>					
<div>01/05/17 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/15/16.</div> <div>1. CATEGORY D CIRCLING VISIBILITY CHANGED FROM 2 1/2 TO 2 1/4.</div> <div>2. CATEGORY C CIRCLING VISIBILITY CHANGED FROM 2 1/4 TO 2.</div>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION ILS - STANDARD INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29			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.	
NOTES, (CONT.): CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 10R CAT D VISIBILITY TO 1 5/8 SM. CHART NOTE: FOR INOPERATIVE ALS WHEN USING ZALAL FIX MINIMUMS, INCREASE S-LOC 10R CAT D VISIBILITY TO 1 3/8 SM.				
CITY AND STATE FORT LAUDERDALE, FL	ELEVATION: 65 AIRPORT NAME: FORT LAUDERDALE/HOLLYWOOD INTL	TDZE: 14	FACILITY IDENTIFIER: I-FLL	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 10R, AMDT 1
				SUP: 4 AMDT: 4 DATED: 06/25/2015

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
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		FLL VOR/DME		BEZER INT/I-FLL		1. TOWER (12-003319)		260738.00N/0801435.00W		420 (5D)		1000		AT2580		4000	
				13.92 DME/RADAR		2. TERRAIN		260739.00N/0801239.00W		17 (0)				AS1500		1500	
INITIAL		BUNKR INT/I-FLL		BEZER INT/I-FLL		3. TOWER (12-003673)		260512.00N/0802453.00W		329 (5D)		1000		AT2671		4000	
		20.12 DME/RADAR		13.92 DME/RADAR		4. TERRAIN		260803.00N/0802736.00W		14 (0)				AS1500		1500	
INTERMEDIATE		BEZER INT/I-FLL		BLAIM INT/I-FLL		5. TOWER (12-002983)		260356.00N/0802018.00W		323 (5D)		500		AT2177		3000	
		13.92 DME/RADAR		10.72 DME/RADAR		6. TERRAIN		260757.00N/0802321.00W		14 (0)				AS1500		1500	
		(IF/IAF)															
INTERMEDIATE:		BLAIM INT/I-FLL		LORII INT/I-FLL		5. TOWER (12-002983)		260356.00N/0802018.00W		323 (5D)		500		AT977		1800	
STEPDOWN		10.72 DME/RADAR		6.88 DME/RADAR		7. TERRAIN		260630.00N/0801945.00W		14 (0)				AS1500		1500	
FINAL: ILS		LORII INT/I-FLL		DA		8. TREE (KFLLT004036)		260352.40N/0800932.31W		89 (1B)		34:1		AC10		264/250	
		6.88 DME/RADAR															
FINAL: LOC		LORII INT/I-FLL		ZALAL/I-FLL 3.02		9. TOWER (12-000822)		260424.00N/0801442.00W		258 (4D)		250		AC50		560	
		6.88 DME/RADAR		DME													
2. HOLD-IN-LIEU-OF-PT		BEZER		P-4		3. TOWER (12-003673)		260512.00N/0802453.00W		329 (5D)		1000		AT2671		4000	
						11. TERRAIN		260844.00N/0802801.00W		16 (0)				AS1500		1500	
3. MISSED APPROACH	MAP:		5.46 NM AFTER		ULSUZ INT/FLL						ASC				2000		
			LORII INT/I-FLL		15.00 DME		12. SHIP		260410.08N/0800335.62W		250 (2C)		1000		1300		
	ELEV:		73/210				13. TERRAIN		260503.00N/0800648.00W		17 (0)				1500		
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.													
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	615 / 615	14. STACK		260508.75N/0800735.04W		364 (1B)		300		680 / 680	
CATEGORY B		1.5 NM			450		615 / 615	14. STACK		260508.75N/0800735.04W		364 (1B)		300		680 / 680	
CATEGORY C		1.7 NM			450		735 / 735	15. BLDG		260707.28N/0800831.19W		499 (1A)		300		800 / 800	
CATEGORY D		2.3 NM			550		735 / 735	15. BLDG		260707.28N/0800831.19W		499 (1A)		300		800 / 800	
CATEGORY E		4.5 NM			550												
5. MINIMUM SAFE ALTITUDES																	
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)	
360-360		TWR (12-000064)		206/06.8		1049 (2C)		2100									
CITY AND STATE		FORT LAUDERDALE, FL		ELEVATION: 65		AIRPORT NAME:		FORT LAUDERDALE/HOLLYWOOD INTL		FACILITY		I-FLL		PROCEDURE AND AMENDMENT NO:		ILS OR LOC RWY 10R, AMDT 1	
																REGION 4	

QUALITY
CHECKED

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>VDP NOT ESTABLISHED - LESS THAN 0.5 NM AFTER STEPDOWN.</div> <div>OBSTACLE #15 AC IS DERIVED FROM OEAAA CASE STUDY 2015-ASO-13440-OE.</div> <div>ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.71NM</div> <div>VGSI DATA: 3.00/70.8.</div> <div>KFFL ON SERVICE-A/24 HRS. REDUNDANT WEATHER AVAILABLE.</div> <div>TREES ASSUMED TO BE 100 FT PER FPT.</div> <div>ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 64 TREE OUTLINE (KFLLT004039) 260401.02N/0800948.54W (10.26) 58 TREE (KFLLT004004) 260400.95N/0800948.08W (5.50) 58 TREE OUTLINE (KFLLT003206) 260400.42N/0800949.39W (2.00) 59 TREE OUTLINE (KFLLT003204) 260400.24N/0800950.03W (1.28)</div> <div>MISSED APPROACH OBSTACLES CONT. ALTERNATE: ASC 2000 12. SHIP 260410.08N/0800335.62W 250 (2C) 1000 1300 13. TERRAIN 260503.00N/0800648.00W 17 (0) AS1500 1500</div> <div><div>QUALITY 4 CHECKED</div></div>																													
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																															
FLL TOWER MIA APP CON ZMA ARTCC						N W S		OTHER: ASOS												SOURCE:KFLL																			
						F A A														DISTANCE:																			
						A / C														HOURS REMOTE OPERATION:																			
SATISFACTORY ON:																				LOCATION: KFLL										ADJUSTMENT: 0									
4. MONITOR STATUS				PRIMARY NAVAID: I-FLL																																			
				MONITOR POINT: FLL ATCT																																			
		HRS OPTN:		CAT 1		24																																	
				CAT 3																																			
5. APPROACH & RUNWAY LIGHTING				ALS																																			
				(S) SALS																																			
		X		MALSF 10R, 28L MALSR 10L, 28R																																			
		X		HIRL 10L, 10R, 28L, 28R																																			
				MIRL																																			
				REIL																																			
				TDZ																																			
				C/LINE																																			
		X		OTHER (SPECIFY) PAPI-4R 10R PAPI-4L 10L, 28L, 28R																																			
6. RUNWAY MARKINGS		BASIC																																					
		ALL WEATHER PIR-G 10L, 10R, 28L, 28R																																					
		INSTRUMENT																																					
7. RUNWAY VISUAL RANGE		APPROACH 10L, 10R, 28L, 28R																																					
		MIDFIELD																																					
		ROLL OUT 10R, 28L																																					
8. GLIDE PATH		GP ANGLE: 3.00								ELEV RWY THRESHOLD:10.0																													
		DISTANCE FROM RWY: 1049								ELEV GP ANTENNA: 5.5																													
										THRESHOLD CROSSING HEIGHT:50.5																													
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD														FT. FROM THRESHOLD																			
				X		ON CENTERLINE														FT. FROM CENTERLINE																			
10. WAIVERS: NONE																																							
PART D - PREPARED BY: LIAM DONAHUE										DATE: 08/05/2016																													
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412																													

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS			OTHER (SPECIFY)								
			BASIC								
			ALL WEATHER								
7. RUNWAY VISUAL RANGE			INSTRUMENT								
			APPROACH								
			MIDFIELD								
8. GLIDE PATH			ROLL OUT								
		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
9. FINAL APPROACH COURSE AIMING			THRESHOLD CROSSING HEIGHT:								
			RUNWAY THRESHOLD				FT. FROM THRESHOLD				
			ON CENTERLINE				FT. FROM CENTERLINE				
10. WAIVERS:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	