

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.						
TERMINAL ROUTES										MISSED APPROACH										
FROM			TO			COURSE AND DISTANCE			ALTITUDE		ILS: DA LOC: 5.99 MILES AFTER KEVVN/BAL 7.20 DME/RADAR OR AT BAL 1.24 DME FIX CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 2600 ON BAL VORTAC R-294 TO DATED INT/BAL 14.92 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 4500 ON HEADING 280 AND DCA VOR/DME R-017 TO DATED /DCA 22.33 DME AND HOLD. (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD N, RT, 186.99 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S DATED INT/DCA 22.33 DME, RT, 016.67 INBOUND. CHART FAS OBST: 290 TREE 391215N/0764208W CHART 373 TREE 391306N0764320W CHART 1437 TOWER 391642N/0764503W CHART CIRCLING ICON									
EMI VORTAC (IAF)			BMORE/BAL 13.80 DME/RADAR			150.38 / 10.60			2500											
BMORE/BAL 13.80 DME/RADAR (IF)			KEVVN/BAL 7.20 DME/RADAR			155.20 / 6.60 (I-FND)			2100											
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)										MAG VAR: 11W EPOCH YEAR: 2000										
2. PROFILE STARTS AT BMORE/BAL 13.80 DME/RADAR																				
3. FAC: 155.20 FAF: KEVVN/BAL 7.20 DME/RADAR DIST FAF TO MAP: 5.99 THLD: 5.99																				
4. MIN. ALT: BMORE 2500, KEVVN 2100, TATTO/BAL 3.97 DME/RADAR 1080*																				
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1113																				
6. MIN GS INCPT: 2100 GS ALT AT: KEVVN 2100 OM: - MM: - IM: -																				
7. GS ANGLE: 3.00 TCH: 55.7																				
8. MSA FROM: BAL VORTAC 180-270 2200, 270-180 2600																				
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 15R **	338	2400	200	338	2400	200	338	2400	200	338	2400	200								
S-LOC 15R	540	2400	402	540	2400	402	540	4000	402	540	4000	402								
CIRCLING	640	1	494	660	1	514	700	1 1/2	554	880	2 1/4	734								
NOTES: CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 15L. CHART NOTE: DME OR RADAR REQUIRED. *LOC ONLY CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. (SEE FORM 8260-10)																				
CITY AND STATE BALTIMORE, MD		ELEVATION: 146 TDZE: 138 AIRPORT NAME: BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL				FACILITY IDENTIFIER: I-FND		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 15R, AMDT 16 5 MARCH 2015				SUP: ILS RWY 15R AMDT: 15D DATED 08/21/2014								



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: DME FROM BAL VORTAC.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EMI VORTAC RADIALS 151 CW 187.

QUALITY
16
CHECKED

CITY AND STATE

BALTIMORE, MD

ELEVATION: 146

TDZE: 138

AIRPORT NAME:


BALTIMORE/WASHINGTON INTL THURGOOD
MARSHALL

FACILITY
IDENTIFIER:
I-FND

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 15R, AMDT 16
5 MARCH 2015


SUP: ILS RWY 15R
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ILS STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29												
ARINC SUMMARY - 424-18 - ILS												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	EMI	EMI	010	IAF	FC		FB		150.4 ()	008.6	AA 02500	
	EMI	BMORE	020		CF		FB		150.4 ()	002.0	AA 02500	
		BMORE	010	FACF	IF		FB				AA 02500	GI 02100
		KEVVN	020	FAF	CF		FB		155.0 ()	006.6	GI 02100	GS 02100
		RW15R	030	MAP	CF		FO		155.0 ()	006.0	AT 00194	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		155.2 ()		AA 00900	
		DATED	050		CF	R	FO		294.5 ()	017.0	AA 02600	
		DATED	060		HM	R	FO		187.0 ()	01.0	AA 02600	
POINT DATA		WAYPOINT		LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS		
		BAL		N391015.83		W0763940.52		N3910.264		W07639.675		
		EMI		N392942.03		W0765842.86		N3929.701		W07658.714		
		DATED		N391342.92		W0765821.21		N3913.715		W07658.354		
		BMORE		N392117.49		W0765022.33		N3921.292		W07650.372		
		KEVVN		N391556.34		W0764523.43		N3915.939		W07645.391		
		RW15R		N391104.90		W0764052.94		N3911.082		W07640.882		
		IFND (LOC)		N390939.11		W0763933.48		N3909.652		W07639.558		
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW15R	00138			56						



CITY AND STATE BALTIMORE, MD	ELEVATION: 146	TDZE: 138	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: ILS RWY 15R	
	AIRPORT NAME: BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL			I-FND	ILS OR LOC RWY 15R, AMDT 16 5 MARCH 2015	AMDT: 15D
						DATED: 08/24/2014

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LOC STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25												
ARINC SUMMARY - 424-18 - LOC												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	EMI	EMI	010	IAF	FC		FB		150.4 ()	008.6	AA 02500	
	EMI	BMORE	020		CF		FB		150.4 ()	002.0	AA 02500	
		BMORE	010	FACF	IF		FB				AA 02500	
		KEVVN	020	FAF	CF		FB		155.0 ()	006.6	AA 02100	
		TATTO	021	SDF	CF		FB		155.0 ()	003.2	AA 01080	
		RW15R	030	MAP	CF		FO		155.0 ()	002.8	AT 00194	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		155.2 ()		AA 00900	
		DATED	050		CF	R	FO		294.5 ()	017.0	AA 02600	
		DATED	060		HM	R	FO		187.0 ()	T01.0	AA 02600	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		BAL	N391015.83		W0763940.52		N3910.264		W07639.675			
		EMI	N392942.03		W0765842.86		N3929.701		W07658.714			
		DATED	N391342.92		W0765821.21		N3913.715		W07658.354			
		BMORE	N392117.49		W0765022.33		N3921.292		W07650.372			
		KEVVN	N391556.34		W0764523.43		N3915.939		W07645.391			
		TATTO	N391318.81		W0764257.08		N3913.314		W07642.951			
		RW15R	N391104.90		W0764052.94		N3911.082		W07640.882			
		IFND (LOC)	N390939.11		W0763933.48		N3909.652		W07639.558			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW15R	00138		56							



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