

<b>ILS - STANDARD INSTRUMENT APPROACH PROCEDURE 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.											
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		<b>ILS: DA</b> <b>LOC: 6.00 MILES AFTER ZOWEE/BAL 6.87 DME/RADAR</b>  <b>CLIMB TO 2500 ON HEADING 155 AND BAL VORTAC R-153 TO DUDDS/BAL 12.00 DME AND HOLD, OR AS DIRECTED BY ATC.</b>  <b>ALTERNATE MA: CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2600 ON HEADING 335 UNTIL DIRECT EMI VORTAC AND HOLD.</b>  <b>ADDITIONAL FLIGHT DATA:</b> HOLD SE, LT, 332.91 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S EMI VORTAC, LT, 359.00 INBOUND. CHART FAS OBST: 339 TREE 391157N/0764054W 720 AAO 391618N/0764425W CHART IN PLANVIEW: EMI VORTAC. CHART VDP AT 2.07 DME* DISTANCE VDP TO THLD 1.16 MILES. *LOC ONLY					
KRENE/BAL 12.86 DME/RADAR (IF)		MNKEY/BAL 9.87 DME		155.22 / 3.00 (I-UQC)				2500							
MNKEY/BAL 9.87 DME		ZOWEE/BAL 6.87 DME/RADAR		155.22 / 3.00 (I-UQC)				2100							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT KRENE/BAL 12.86 DME/RADAR 3. FAC: 155.22 FAF: ZOWEE/BAL 6.87 DME/RADAR DIST FAF TO MAP: 6.00 THLD: 6.00 4. MIN. ALT: KRENE 3000, MNKEY 2500, ZOWEE 2100, ADCOK/BAL 3.39 DME 980* 5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1100 6. MIN GS INCPT: 2100 GS ALT AT: ZOWEE 2100 OM: - MM: - IM: - 7. GS ANGLE: 3.00 TCH: 47.4 8. MSA FROM: BAL VORTAC 180-270 2200, 270-180 2600										MAG VAR: 11W		EPOCH YEAR: 2000			
<b>MINIMUMS</b>															
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 15L	544	1 3/8	402	544	1 3/8	402		NA			NA				
S-LOC 15L	560	5500	418	560	5500	418		NA			NA				
CIRCLING	640	1	497	660	1	517		NA			NA				
NOTES: CHART NOTE: DME FROM BAL VORTAC. SIMULTANEOUS RECEPTION OF I-UQC AND BAL DME REQUIRED. CHART NOTE: DME REQUIRED. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 15R. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. CHART PLANVIEW NOTE: RADAR REQUIRED.															
CITY AND STATE		ELEVATION: 143 TDZE: 142				FACILITY IDENTIFIER: I-UQC		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
BALTIMORE, MD		AIRPORT NAME: BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL						ILS OR LOC RWY 15L, AMDT 4 02/04/2016				AMDT: 3B			
												DATED 08/21/2014			



## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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ARINC SUMMARY - KBWI

## ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
KRENE	010	KRENE	IF	FB								AA 03000		E B
KRENE	020	MNKEY	CF	FB		155.2	IUQC					AA 02500		EE
	010	MNKEY	IF	FB			IUQC					AA 02500 GI 02100		E I
	020	ZOWEE	CF	FB		155.0	IUQC	3.00		BAL		GI 02100 GS 02100		E F
	030	RW15L	CF	FO		155.0	IUQC	3.00				AT 00189		GY M
	040		VI	FB		155.0								M
	050	DUDDS	CF	FO		152.9	BAL					AA 02500		EY
	060	DUDDS	HM	FO		332.9			L			AA 02500		EE

## POINTS

POINT NAME	LATITUDE	LONGITUDE
BAL	N391015.83	W0763940.52
DUDDS	N390048.21	W0763010.61
KRENE	N392058.90	W0764851.28
MNKEY	N391832.82	W0764635.51
ZOWEE	N391606.85	W0764419.83
IUQC (LOC)	N391029.40	W0763906.95

## RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW15L	N391114.54	W0763948.74	00142	47.4

QUALITY  
15  
CHECKED

CITY AND STATE <b>BALTIMORE, MD</b>	ELEVATION: 143      TDZE: 142 AIRPORT NAME: <b>BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL</b>	FACILITY IDENTIFIER:  <b>I-UQC</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>ILS OR LOC RWY 15L, AMDT 4 02/04/2016</b>	SUP:
				AMDT: <b>3B</b>
				DATED: <b>08/21/2014</b>

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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ARINC SUMMARY - KBWI

## ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
KRENE	010	KRENE	IF	FB								AA 03000		E B
KRENE	020	MNKEY	CF	FB		155.2	IUQC					AA 02500		EE
	010	MNKEY	IF	FB			IUQC					AA 02500		E I
	020	ZOWEE	CF	FB		155.0	IUQC			BAL		AA 02100		E F
	021	ADCOK	CF	FB		155.0	IUQC	3.01				AA 00980		E S
	030	RW15L	CF	FO		155.0	IUQC	3.01				AT 00189		GY M
	040		VI	FB		155.0								M
	050	DUDDS	CF	FO		152.9	BAL					AA 02500		EY
	060	DUDDS	HM	FO		332.9			L			AA 02500		EE

## POINTS

POINT NAME	LATITUDE	LONGITUDE
BAL	N391015.83	W0763940.52
DUDDS	N390048.21	W0763010.61
ADCOK	N391316.34	W0764141.56
KRENE	N392058.90	W0764851.28
MNKEY	N391832.82	W0764635.51
ZOWEE	N391606.85	W0764419.83
IUQC (LOC)	N391029.40	W0763906.95

## RUNWAYS

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				AMDT: <b>3B</b>
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