

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: 5.77 MILES AFTER ORIOL/BAL 5.76 DME/RADAR CLIMB TO 3000 ON HEADING 335 AND BAL VORTAC R-337 TO KRENE/BAL 12.86 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 2600 ON HEADING 330 DIRECT EMI VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 157.39 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S EMI VORTAC, LT, 359.00 INBOUND. CHART IN PLANVIEW: EMI VORTAC. CHART FAS OBST: 197 TREE 391006N/0763902W. CHART VDP AT 1.25 DME* *LOC ONLY DISTANCE VDP TO THLD 1.18 MILES. CHART CIRCLING ICON.					
DUDDS/BAL 12.00 DME/RADAR (IF)		ORIOL/BAL 5.76 DME/RADAR		335.23 / 6.25 (I-BWI)				2000							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT DUDDS/BAL 12.00 DME/RADAR 3. FAC: <u>335.23</u> FAF: <u>ORIOL/BAL 5.76 DME/RADAR</u> DIST FAF TO MAP: <u>5.77</u> THLD: <u>5.77</u> 4. MIN. ALT: <u>DUDDS 3000, ORIOL 2000, EXEVE/BAL 2.51 DME/RADAR 940*</u> 5. DIST TO THLD FROM OM: _____ - _____ MM: _____ - _____ IM: _____ 150 HAT: _____ - _____ 100 HAT: _____ - _____ GS ANT: <u>900</u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>ORIOL 2000</u> OM: _____ - _____ MM: _____ - _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>47.3</u> 8. MSA FROM: <u>BAL VORTAC 180-270 2200, 270-180 2600</u>										MAG VAR: 11W		EPOCH YEAR: 2000			
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 33R	333	4000	209	333	4000	209		NA			NA				
S-LOC 33R	540	4000	416	540	4000	416		NA			NA				
CIRCLING	640	1	497	660	1	517		NA			NA				
NOTES: CHART NOTE: DME REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART NOTE: DME FROM BAL VORTAC. SIMULTANEOUS RECEPTION OF I-BWI AND BAL DME REQUIRED. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 33L. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 33R. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 33R VISIBILITY TO RVR 5500. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. *LOC ONLY															
CITY AND STATE		ELEVATION: 143 TDZE: 124				FACILITY IDENTIFIER: I-BWI		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
BALTIMORE, MD		AIRPORT NAME: BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL						ILS OR LOC RWY 33R, AMDT 3, 02/04/2016				AMDT: 2C			
												DATED 05/29/2014			



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
	010	DUDDS	IF	FB			IBWI					AA 03000 GI 02000		E I
	020	ORIOI	CF	FB		335.0	IBWI	3.00		BAL		GI 02000 GS 02000		E F
	030	RW33R	CF	FO		335.0	IBWI	3.00				AT 00161		GY M
	040		VI	FB		335.0								M
	050	KRENE	CF	FO		337.4	BAL					AA 03000		EY
	060	KRENE	HM	FO		157.4			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BAL	N391015.83	W0763940.52
DUDDS	N390048.21	W0763010.61
KRENE	N392058.90	W0764851.28
ORIOI	N390553.04	W0763451.52
IBWI (LOC)	N391119.76	W0763953.57

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW33R	N391034.45	W0763911.63	00114	47.3

QUALITY
15
CHECKED

CITY AND STATE
BALTIMORE, MD

ELEVATION: 143 TDZE: 124
AIRPORT NAME:
BALTIMORE/WASHINGTON INTL THURGOOD
MARSHALL

FACILITY
IDENTIFIER:
I-BWI

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 33R, AMDT 3, 02/04/2016

SUP:
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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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	010	DUDDS	IF	FB			IBWI					AA 03000		E I
	020	ORIOLO	CF	FB		335.0	IBWI			BAL		AA 02000		E F
	021	EXEVE	CF	FB		335.0	IBWI	3.01				AA 00940		E S
	030	RW33R	CF	FO		335.0	IBWI	3.01				AT 00161		GY M
	040		VI	FB		335.0								M
	050	KRENE	CF	FO		337.4	BAL					AA 03000		EY
	060	KRENE	HM	FO		157.4			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BAL	N391015.83	W0763940.52
DUDDS	N390048.21	W0763010.61
EXEVE	N390832.62	W0763718.93
KRENE	N392058.90	W0764851.28
ORIOLO	N390553.04	W0763451.52
IBWI (LOC)	N391119.76	W0763953.57

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CITY AND STATE

BALTIMORE, MD

ELEVATION: 143

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AIRPORT NAME:

BALTIMORE/WASHINGTON INTL THURGOOD
MARSHALLFACILITY
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I-BWI

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 33R, AMDT 3, 02/04/2016

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