

KBWI

Baltimore/Washington International Thurgood Marshall Airport

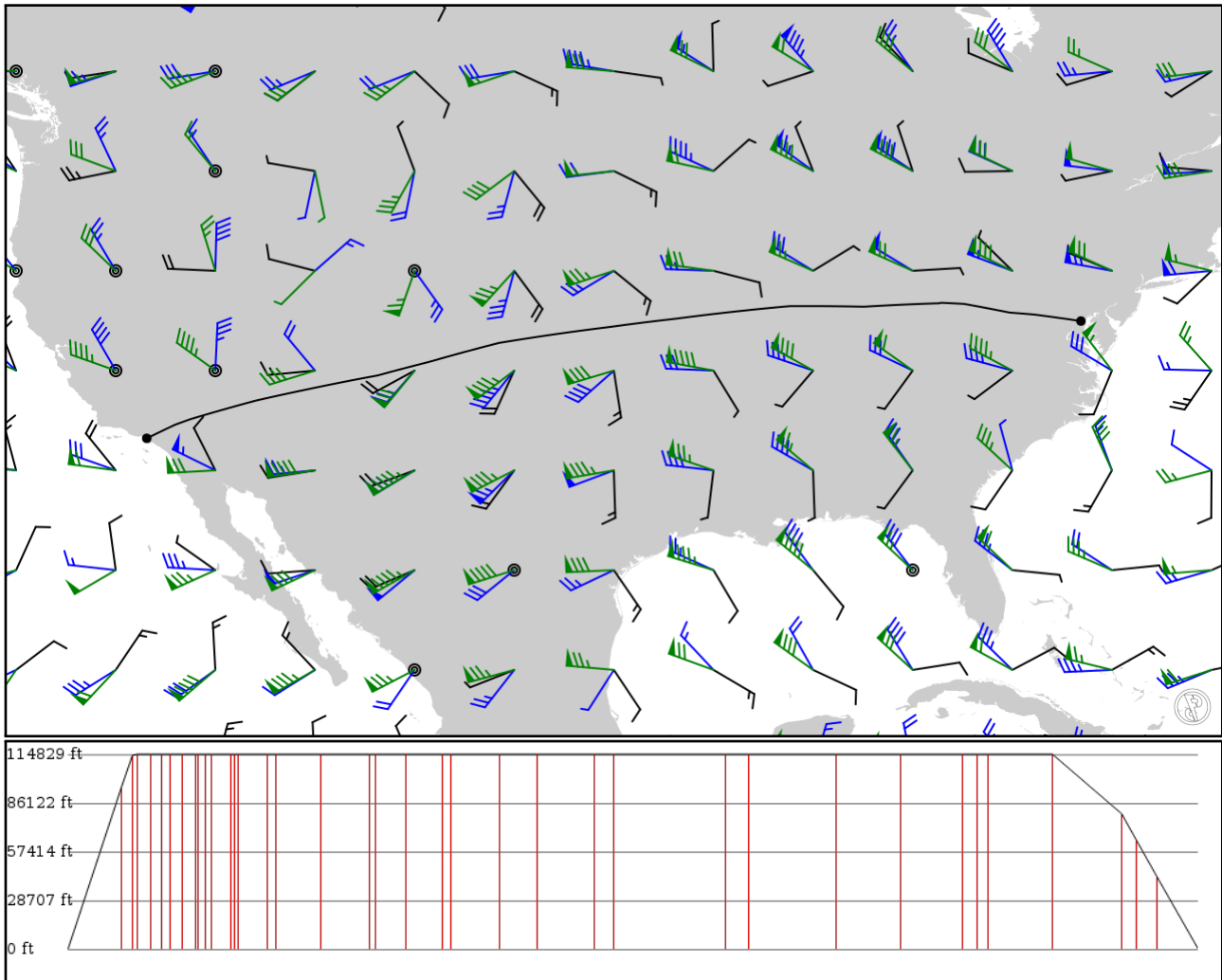
2024/05/17 0109Z

KLAX

Los Angeles Intl

KBWI KEYER V44 LIZIO J162 MGW V144 ZZV V214 GLOOM BOWRR J110 VHP J80 MCI J24 SLN J102 ALS J110
RSK J64 TBC J128 PGS J64 HEC V442 APLES KLAX

2026.18 nm / 3752.49 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 500kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes

- Use high airways: yes

Route

Ident		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
KBWI	-	39.17680	0 ft	-	Baltimore/Washington International	Thurgood Marshall Airport
APT	-	-76.66720	0 m			
KEYER	-	39.46480	29,100 ft	97	-	
FIX	-	-78.72840	8,870 m			
LIZIO	V44	39.49890	34,800 ft	18	-	
FIX	AWY-LO	-79.13210	10,607 m			
BAABY	J162	39.51630	35,000 ft	9	-	
FIX	AWY-HI	-79.34600	10,668 m			
MGW	J162	39.55670	35,000 ft	23	MORGANTOWN	
VOR	AWY-HI	-79.86040	10,668 m			
TEDDS	V144	39.63850	35,000 ft	19	-	
FIX	AWY-LO	-80.27610	10,668 m			
BURGS	V144	39.69850	35,000 ft	14	-	
FIX	AWY-LO	-80.58640	10,668 m			
BEALL	V144	39.78520	35,000 ft	21	-	
FIX	AWY-LO	-81.04320	10,668 m			
HISOM	V144	39.87650	35,000 ft	23	-	
FIX	AWY-LO	-81.53700	10,668 m			
MUNOE	V144	39.89520	35,000 ft	4	-	
FIX	AWY-LO	-81.63950	10,668 m			
ZZV	V144	39.94090	35,000 ft	11	ZANESVILLE	
VOR	AWY-LO	-81.89260	10,668 m			
AMALE	V214	39.95450	35,000 ft	11	-	
FIX	AWY-LO	-82.15200	10,668 m			
GLOOM	V214	39.99050	35,000 ft	34	-	
FIX	AWY-LO	-82.89620	10,668 m			
BOWRR	-	39.96610	35,000 ft	6	-	
FIX	-	-83.03240	10,668 m			
EMPTY	J110	39.96330	35,000 ft	7	-	
FIX	AWY-HI	-83.18690	10,668 m			
CREEP	J110	39.92090	35,000 ft	51	-	
FIX	AWY-HI	-84.30870	10,668 m			
FYLLS	J110	39.90680	35,000 ft	14	-	
FIX	AWY-HI	-84.63050	10,668 m			
VHP	J110	39.81470	35,000 ft	80	BRICKYARD	
VOR	AWY-HI	-86.36750	10,668 m			
JAAVE	J80	39.84050	35,000 ft	87	-	
FIX	AWY-HI	-88.25470	10,668 m			
GORDO	J80	39.84180	35,000 ft	11	-	
FIX	AWY-HI	-88.51200	10,668 m			
SPI	J80	39.83970	35,000 ft	53	SPINNER (SPRINGFIELD)	
VOR	AWY-HI	-89.67770	10,668 m			
BAYLI	J80	39.70900	35,000 ft	65	-	
FIX	AWY-HI	-91.07960	10,668 m			
TWAIN	J80	39.67240	35,000 ft	16	-	
FIX	AWY-HI	-91.44310	10,668 m			
SAAGS	J80	39.46780	35,000 ft	86	-	
FIX	AWY-HI	-93.28640	10,668 m			
MCI	J80	39.28530	35,000 ft	68	KANSAS CITY	
VOR	AWY-HI	-94.73710	10,668 m			
JUDGE	J24	39.01980	35,000 ft	102	-	
FIX	AWY-HI	-96.91880	10,668 m			
SLN	J24	38.92510	35,000 ft	33	SALINA	

Ident Type		Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-97.62130	10,668 m			
RYLIE	J102	38.33730	35,000 ft	200	-	
FIX	AWY-HI	-101.82700	10,668 m			
LAA	J102	38.19710	35,000 ft	41	LAMAR	
VOR	AWY-HI	-102.68800	10,668 m			
ALS	J102	37.34920	35,000 ft	156	ALAMOSA	
VOR	AWY-HI	-105.81600	10,668 m			
RSK	J110	36.74840	35,000 ft	115	RATTLESNAKE (FARMINGTON)	
VOR	AWY-HI	-108.09900	10,668 m			
COCAN	J64	36.31250	35,000 ft	111	-	
FIX	AWY-HI	-110.35200	10,668 m			
RHYSS	J64	36.20530	35,000 ft	25	-	
FIX	AWY-HI	-110.87100	10,668 m			
TBC	J64	36.12130	35,000 ft	19	TUBA CITY	
VOR	AWY-HI	-111.27000	10,668 m			
PGS	J128	35.62470	35,000 ft	114	PEACH SPRINGS	
VOR	AWY-HI	-113.54400	10,668 m			
GLACO	J64	34.94450	24,300 ft	125	-	
FIX	AWY-HI	-115.96800	7,407 m			
HEC	J64	34.79700	19,600 ft	25	HECTOR	
VOR	AWY-HI	-116.46300	5,974 m			
APLES	V442	34.54850	13,000 ft	37	-	
FIX	AWY-LO	-117.14900	3,962 m			
KLAX	-	33.94310	0 ft	72	Los Angeles Intl	
APT	-	-118.40900	0 m			

KBWI

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 145 ft / 44 m
Location: 39.176800 -76.667200
Magnetic Var: 11.134 W

METAR

KBWI 162354Z 05009KT 10SM FEW047 BKN070 BKN250 22/14 A2980 RMK A02 SLP092 VIRGA DSNT E T02220139 10250 20222 52016

TAF

TAF KBWI 162322Z 1700/1806 02009KT P6SM SCT050 BKN070 FM170300 03003KT P6SM SCT050 FM170900 03003KT P6SM BKN020 FM171800 03003KT P6SM BKN020

Frequencies

REC - 115.10 MHz - BALTIMORE ATIS
CLD - 118.05 MHz - BALTIMORE CLEARANCE
TWR - 119.40 MHz - BALTIMORE TOWER
DEP - 124.55 MHz - POTOMAC DEPARTURE
COM - 122.95 MHz - BALTIMORE UNICOM
GND - 121.90 MHz - BALTIMORE GROUND
APP - 119.00 MHz - POTOMAC APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	150 ft	10,512 ft	94.21	ASPHALT	548 ft	381 ft
	46 m	3,204 m	105.34		167 m	116 m
28	150 ft	10,512 ft	274.23	ASPHALT	699 ft	384 ft
	46 m	3,204 m	285.37		213 m	117 m
15R	150 ft	9,509 ft	144.32	ASPHALT	299 ft	397 ft
	46 m	2,899 m	155.46		91 m	121 m
33L	150 ft	9,509 ft	324.33	ASPHALT	499 ft	197 ft
	46 m	2,899 m	335.47		152 m	60 m
15L	100 ft	5,005 ft	144.33	ASPHALT	0 ft	0 ft
	30 m	1,525 m	155.46		0 m	0 m
33R	100 ft	5,005 ft	324.34	ASPHALT	0 ft	0 ft
	30 m	1,525 m	335.47		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	LOC-ILS	IBAL	109.70 MHz	18 nm	94.22	-	145 ft
				33 km	105.35		145 m
15L	LOC-ILS	IUQC	111.95 MHz	18 nm	144.34	-	145 ft
				33 km	155.47		145 m
15R	LOC-ILS	IFND	111.70 MHz	18 nm	144.33	-	145 ft
				33 km	155.46		145 m
28	LOC-ILS	IOEH	109.70 MHz	18 nm	274.22	-	145 ft
				33 km	285.35		145 m
33L	LOC-ILS	IRUX	111.70 MHz	18 nm	324.34	-	145 ft
				33 km	335.47		145 m
33R	LOC-ILS	IBWI	111.95 MHz	18 nm	324.33	-	145 ft
				33 km	335.46		145 m
10	GS	IBAL	109.70 MHz	10 nm	94.22	3.00	145 ft
				19 km	105.35		145 m
15L	GS	IUQC	111.95 MHz	10 nm	144.34	3.00	145 ft
				19 km	155.47		145 m
15R	GS	IFND	111.70 MHz	10 nm	144.33	3.00	145 ft
				19 km	155.46		145 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28	GS	IOEH	109.70 MHz	10 nm	274.22	3.00	145 ft
				19 km	285.35		145 m
33L	GS	IRUX	111.70 MHz	10 nm	324.34	3.00	145 ft
				19 km	335.47		145 m
33R	GS	IBWI	111.95 MHz	10 nm	324.33	3.00	145 ft
				19 km	335.46		145 m

KLAX

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.440 E

METAR

KLAX 162353Z 24011KT 10SM FEW010 FEW033 SCT250 17/12 A2994 RMK A02 SLP136 T01720122 10194 20167 58011

TAF

KLAX 162342Z 1700/1806 26012KT P6SM BKN035 FM170400 26008KT P6SM OVC015 FM170800 20005KT P6SM OVC010 FM171700 250

Frequencies

COM - 122.95 MHz - UNICOM	GND - 121.65 MHz - LOS ANGELES GROUND
GND - 121.75 MHz - LOS ANGELES GROUND	GND - 121.40 MHz - LOS ANGELES GROUND
TWR - 119.80 MHz - LOS ANGELES TOWER	TWR - 120.95 MHz - LOS ANGELES TOWER
TWR - 133.90 MHz - LOS ANGELES TOWER	REC - 133.80 MHz - D-ATIS
REC - 135.65 MHz - D-ATIS	APP - 124.90 MHz - SOCAL APPROACH
APP - 124.30 MHz - SOCAL APPROACH	APP - 124.50 MHz - SOCAL APPROACH
APP - 128.50 MHz - SOCAL APPROACH	DEP - 125.20 MHz - SOCAL DEPARTURE
DEP - 124.30 MHz - SOCAL DEPARTURE	CLD - 120.35 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	200 ft	11,106 ft	82.96	CONCRETE	0 ft	381 ft
	61 m	3,385 m	71.52		0 m	116 m
25L	200 ft	11,106 ft	262.98	CONCRETE	0 ft	381 ft
	61 m	3,385 m	251.54		0 m	116 m
07L	151 ft	12,935 ft	82.95	CONCRETE	846 ft	374 ft
	46 m	3,943 m	71.51		258 m	114 m
25R	151 ft	12,935 ft	262.98	CONCRETE	968 ft	197 ft
	46 m	3,943 m	251.54		295 m	60 m
06R	151 ft	10,896 ft	82.95	CONCRETE	551 ft	384 ft
	46 m	3,321 m	71.51		168 m	117 m
24L	151 ft	10,896 ft	262.97	CONCRETE	814 ft	384 ft
	46 m	3,321 m	251.53		248 m	117 m
06L	151 ft	8,936 ft	82.95	CONCRETE	0 ft	0 ft
	46 m	2,724 m	71.51		0 m	0 m
24R	151 ft	8,936 ft	262.96	CONCRETE	0 ft	285 ft
	46 m	2,724 m	251.53		0 m	87 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	IUWU	108.50 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
06R	DME	IGPE	111.70 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
07L	DME	IIAS	111.10 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
07R	DME	IMKZ	109.90 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
24L	DME	IHQB	111.70 MHz	18 nm	-	-	133 ft
				33 km	-		133 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24R	DME	IOSS	108.50 MHz	18 nm 33 km	- -	-	133 ft 133 m
25L	DME	ILAX	109.90 MHz	18 nm 33 km	- -	-	126 ft 126 m
25R	DME	ICFN	111.10 MHz	18 nm 33 km	- -	-	126 ft 126 m
06L	LOC-ILS	IUWU	108.50 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
06R	LOC-ILS	IGPE	111.70 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
07L	LOC-ILS	IIAS	111.10 MHz	18 nm 33 km	82.98 71.54	-	125 ft 125 m
07R	LOC-ILS	IMKZ	109.90 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
24L	LOC-ILS	IHQB	111.70 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
24R	LOC-ILS	IOSS	108.50 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25L	LOC-ILS	ILAX	109.90 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25R	LOC-ILS	ICFN	111.10 MHz	18 nm 33 km	262.98 251.54	-	125 ft 125 m
06L	GS	IUWU	108.50 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
06R	GS	IGPE	111.70 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
07L	GS	IIAS	111.10 MHz	10 nm 19 km	82.98 71.54	3.00	125 ft 125 m
07R	GS	IMKZ	109.90 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
24L	GS	IHQB	111.70 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
24R	GS	IOSS	108.50 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25L	GS	ILAX	109.90 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25R	GS	ICFN	111.10 MHz	10 nm 19 km	262.98 251.54	3.00	125 ft 125 m