

KBOS

Boston Logan Intl

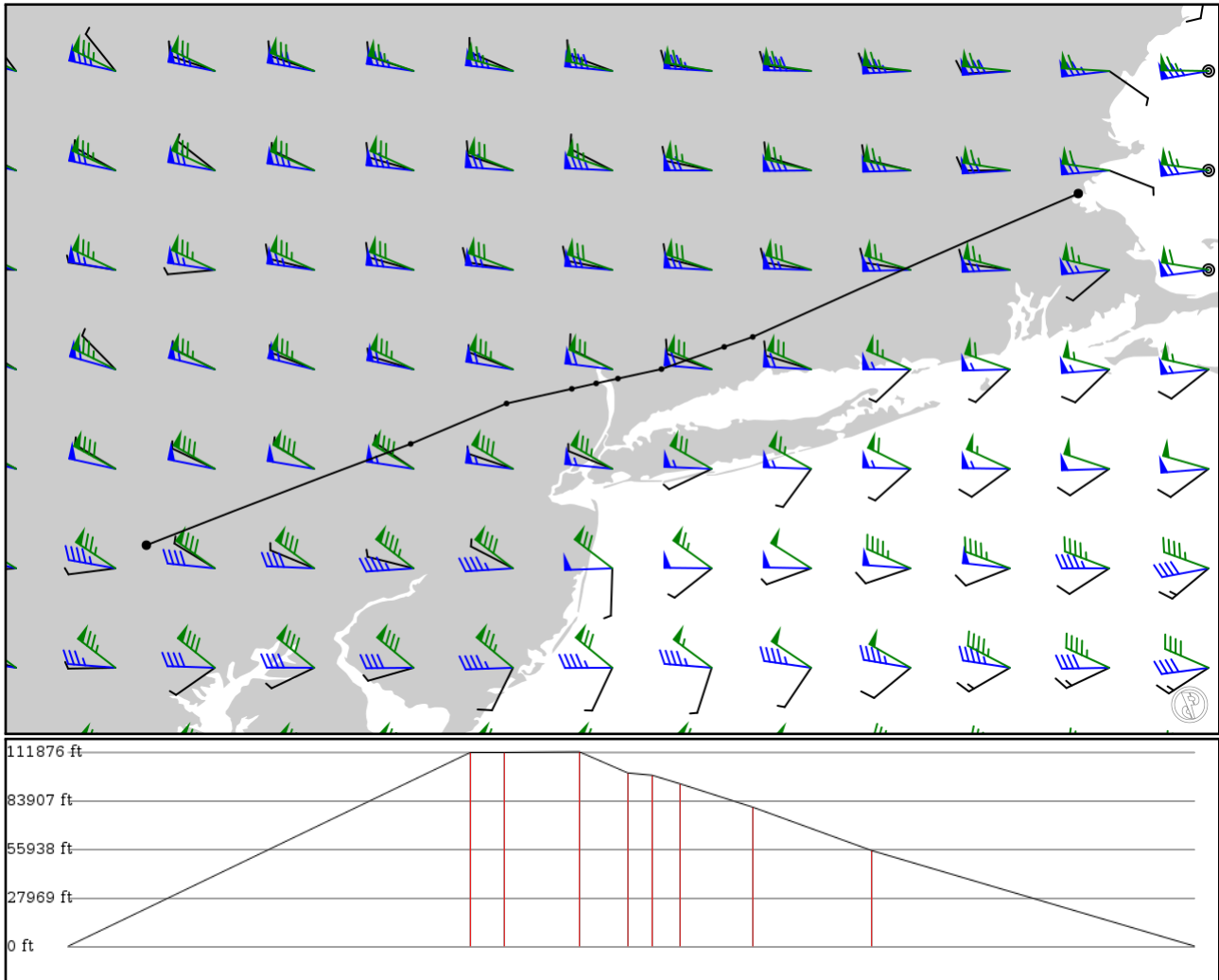
KMDT

HARRISBURG INTL

2024/05/03 0535Z

KBOS SORRY **V3** CMK **V374** VOLLU **V39** ELIOT KMDT

291.74 nm / 540.31 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

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

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KBOS	-	42.36306	0 ft	-	Boston Logan Intl
APT	-	-71.00696	0 m		
SORRY	-	41.47864	34,000 ft	104	-
FIX	-	-73.01741	10,363 m		
RACEY	V3	41.41693	34,000 ft	8	-
FIX	AWY-LO	-73.19392	10,363 m		
CMK	V3	41.28008	34,100 ft	19	CARMEL VOR-DME
VOR	AWY-LO	-73.58133	10,394 m		
MICAL	V374	41.22126	30,400 ft	12	-
FIX	AWY-LO	-73.85024	9,266 m		
VOLLU	V374	41.19165	30,000 ft	6	-
FIX	AWY-LO	-73.98461	9,144 m		
BREZY	V39	41.15825	28,500 ft	7	-
FIX	AWY-LO	-74.13491	8,687 m		
SAX	V39	41.06756	24,400 ft	19	SPARTA VORTAC
VOR	AWY-LO	-74.53831	7,437 m		
ELIOT	V39	40.81851	16,800 ft	30	-
FIX	AWY-LO	-75.13012	5,121 m		
KMDT	-	40.19319	0 ft	83	HARRISBURG INTL
APT	-	-76.76262	0 m		

KBOS

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 6

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.288 W

METAR

KBOS 030454Z 02013KT 10SM OVC008 08/07 A3011 RMK A02 SLP196 T00830067 402000083

TAF

TAF KBOS 022320Z 0300/0406 04012KT P6SM VCSH OVC040 FM030200 02010KT 5SM BR OVC005 FM031500 05007KT P6SM BKN010 FM040000 05007KT P6SM BKN010

Frequencies

REC - 135.00 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 121.65 MHz - CLEARANCE DELIVERY	GND - 121.75 MHz - BOSTON GROUND
GND - 121.90 MHz - BOSTON GROUND	TWR - 128.80 MHz - BOSTON TOWER
TWR - 124.72 MHz - BOSTON TOWER	TWR - 132.22 MHz - BOSTON TOWER
APP - 118.25 MHz - BOSTON APPROACH	APP - 120.60 MHz - BOSTON APPROACH
APP - 127.20 MHz - BOSTON APPROACH	DEP - 133.00 MHz - BOSTON DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	148 ft	10,092 ft	135.27	ASPHALT	883 ft	197 ft
	45 m	3,076 m	149.56		269 m	60 m
33L	148 ft	10,092 ft	315.29	ASPHALT	0 ft	167 ft
	45 m	3,076 m	329.58		0 m	51 m
04R	148 ft	10,012 ft	19.69	ASPHALT	1,155 ft	420 ft
	45 m	3,052 m	33.97		352 m	128 m
22L	148 ft	10,012 ft	199.69	ASPHALT	1,201 ft	200 ft
	45 m	3,052 m	213.98		366 m	61 m
04L	148 ft	7,871 ft	19.66	ASPHALT	0 ft	1,250 ft
	45 m	2,399 m	33.94		0 m	381 m
22R	148 ft	7,871 ft	199.66	ASPHALT	820 ft	200 ft
	45 m	2,399 m	213.95		250 m	61 m
09	148 ft	7,008 ft	76.51	ASPHALT	0 ft	932 ft
	45 m	2,136 m	90.80		0 m	284 m
27	148 ft	7,008 ft	256.53	ASPHALT	0 ft	161 ft
	45 m	2,136 m	270.82		0 m	49 m
14	98 ft	5,005 ft	125.76	ASPHALT	0 ft	0 ft
	30 m	1,526 m	140.05		0 m	0 m
32	98 ft	5,005 ft	305.77	ASPHALT	0 ft	801 ft
	30 m	1,526 m	320.06		0 m	244 m
15L	98 ft	2,558 ft	135.31	ASPHALT	0 ft	305 ft
	30 m	780 m	149.59		0 m	93 m
33R	98 ft	2,558 ft	315.31	ASPHALT	0 ft	59 ft
	30 m	780 m	329.60		0 m	18 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IBOS	110.30 MHz	18 nm	-	-	35 ft
				33 km	-		35 m
15R	DME	IMDC	110.70 MHz	18 nm	-	-	27 ft
				33 km	-		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	DME	ILQN	110.30 MHz	18 nm 33 km	- -	-	35 ft 35 m
27	DME	IDGU	111.30 MHz	18 nm 33 km	- -	-	28 ft 28 m
33L	DME	ILIP	110.70 MHz	18 nm 33 km	- -	-	19 ft 19 m
04R	LOC-ILS	IBOS	110.30 MHz	18 nm 33 km	19.68 33.97	-	20 ft 20 m
15R	LOC-ILS	IMDC	110.70 MHz	18 nm 33 km	135.28 149.57	-	20 ft 20 m
22L	LOC-ILS	ILQN	110.30 MHz	18 nm 33 km	199.68 213.97	-	20 ft 20 m
27	LOC-ILS	IDGU	111.30 MHz	18 nm 33 km	256.52 270.81	-	20 ft 20 m
33L	LOC-ILS	ILIP	110.70 MHz	18 nm 33 km	315.28 329.57	-	20 ft 20 m
04R	GS	IBOS	110.30 MHz	10 nm 19 km	19.68 33.97	3.00	20 ft 20 m
15R	GS	IMDC	110.70 MHz	10 nm 19 km	135.28 149.57	3.00	20 ft 20 m
22L	GS	ILQN	110.30 MHz	10 nm 19 km	199.68 213.97	3.00	20 ft 20 m
27	GS	IDGU	111.30 MHz	10 nm 19 km	256.52 270.81	3.00	20 ft 20 m
33L	GS	ILIP	110.70 MHz	10 nm 19 km	315.28 329.57	3.00	20 ft 20 m

KMDT

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 1

Elevation: 310 ft / 94 m
Location: 40.193200 -76.762600
Magnetic Var: 11.260 W

METAR

KMDT 030456Z 11003KT 10SM CLR 19/08 A2999 RMK A02 SLP153 T01890083 403220144

TAF

KMDT 022330Z 0300/0324 30005KT P6SM SKC FM031000 09006KT P6SM BKN250 FM031500 10008KT P6SM SCT100 OVC250

Frequencies

REC - 118.80 MHz - HARRISBURG ATIS	GND - 121.70 MHz - HARRISBURG GROUND
TWR - 124.80 MHz - HARRISBURG TOWER	APP - 118.25 MHz - HARRISBURG APPROACH
APP - 124.10 MHz - HARRISBURG APPROACH	APP - 126.45 MHz - HARRISBURG APPROACH
DEP - 118.25 MHz - HARRISBURG DEPARTURE	DEP - 124.10 MHz - HARRISBURG DEPARTURE
DEP - 126.45 MHz - HARRISBURG DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	200 ft	10,010 ft	116.88	ASPHALT	1,004 ft	138 ft
	61 m	3,051 m	128.14		306 m	42 m
31	200 ft	10,010 ft	296.90	ASPHALT	1,004 ft	49 ft
	61 m	3,051 m	308.16		306 m	15 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	IMDT	110.90 MHz	18 nm	116.89	-	310 ft
				33 km	128.15		310 m
31	LOC-ILS	IHQA	110.90 MHz	18 nm	296.89	-	310 ft
				33 km	308.15		310 m
13	GS	IMDT	110.90 MHz	10 nm	116.89	3.00	310 ft
				19 km	128.15		310 m
31	GS	IHQA	110.90 MHz	10 nm	296.89	3.00	310 ft
				19 km	308.15		310 m