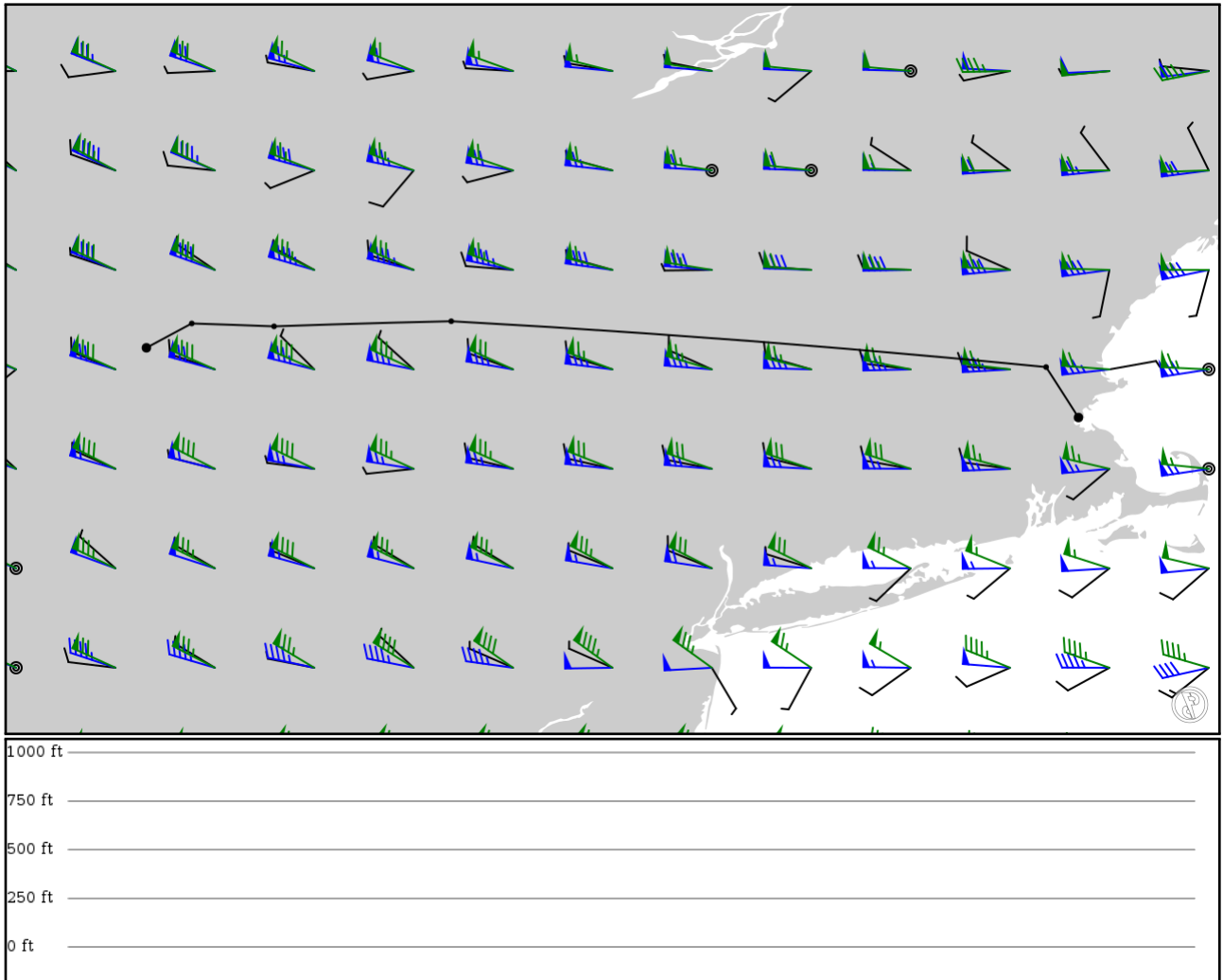


2024/05/06 0605Z

KBOS HYLND SYR ROC EHMAN KBUF

360.32 nm / 667.31 km



Notes

Requested: KBOS HYLND4 HYLND SYR ROC V510 EHMAN KBUF

Unmatched points: HYLND4

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KBOS	-	42.36306	0 ft	-	Boston Logan Intl
APT	-	-71.00696	0 m		
HYLND	-	42.78087	0 ft	27	-
FIX	-	-71.27530	0 m		
SYR	-	43.16053	0 ft	217	SYRACUSE VORTAC
VOR	-	-76.20456	0 m		
ROC	-	43.11797	0 ft	64	ROCHESTER VOR-DME
VOR	-	-77.67281	0 m		
EHMAN	-	43.14211	0 ft	29	-
FIX	-	-78.35482	0 m		
KBUF	-	42.94049	0 ft	20	Buffalo Niagara Intl
APT	-	-78.73061	0 m		

KBOS

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

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.287 W

METAR

KBOS 060534Z 20004KT 5SM -RA BR BKN005 BKN011 OVC024 09/09 A3011 RMK A02 RAE12B17 P0003 T00940094

TAF

TAF KBOS 060520Z 0606/0712 18006KT 3SM BR OVC006 FM060900 00000KT 3SM BR OVC005 FM061200 23003KT 6SM BR FEW005 SCT

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

KBUF

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 2

Elevation: 727 ft / 222 m
Location: 42.940500 -78.730600
Magnetic Var: 10.663 W

METAR

KBUF 060542Z 27003KT 4SM BR OVC002 13/13 A3001 RMK A02 T01330133 \$

TAF

TAF KBUF 060526Z 0606/0706 24006KT 1SM BR OVC002 FM060900 35004KT 6SM BR BKN015 FM061200 36005KT P6SM SCT020 BKN250

Frequencies

REC - 135.35 MHz - D-ATIS	GND - 133.20 MHz - BUFFALO GROUND
TWR - 120.50 MHz - BUFFALO TOWER	CLD - 124.70 MHz - CLEARANCE DELIVERY
DEP - 126.15 MHz - BUFFALO DEPARTURE	DEP - 126.50 MHz - BUFFALO DEPARTURE
APP - 126.15 MHz - BUFFALO APPROACH	APP - 126.50 MHz - BUFFALO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	150 ft	8,830 ft	43.83	ASPHALT	538 ft	197 ft
	46 m	2,691 m	54.49		164 m	60 m
23	150 ft	8,830 ft	223.84	ASPHALT	738 ft	197 ft
	46 m	2,691 m	234.51		225 m	60 m
14	150 ft	7,159 ft	126.76	ASPHALT	338 ft	197 ft
	46 m	2,182 m	137.42		103 m	60 m
32	150 ft	7,159 ft	306.77	ASPHALT	722 ft	197 ft
	46 m	2,182 m	317.43		220 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32	DME	IBNQ	109.95 MHz	18 nm	-	-	496 ft
				33 km	-		496 m
05	LOC-ILS	IGBI	108.50 MHz	18 nm	43.84	-	727 ft
				33 km	54.50		727 m
23	LOC-ILS	IBUF	111.30 MHz	18 nm	223.84	-	727 ft
				33 km	234.50		727 m
32	LOC-ILS	IBNQ	109.95 MHz	18 nm	306.77	-	727 ft
				33 km	317.43		727 m
05	GS	IGBI	108.50 MHz	10 nm	43.84	3.00	727 ft
				19 km	54.50		727 m
23	GS	IBUF	111.30 MHz	10 nm	223.84	3.00	727 ft
				19 km	234.50		727 m
32	GS	IBNQ	109.95 MHz	10 nm	306.77	3.00	727 ft
				19 km	317.43		727 m