KBUF
Buffalo Niagara Intl

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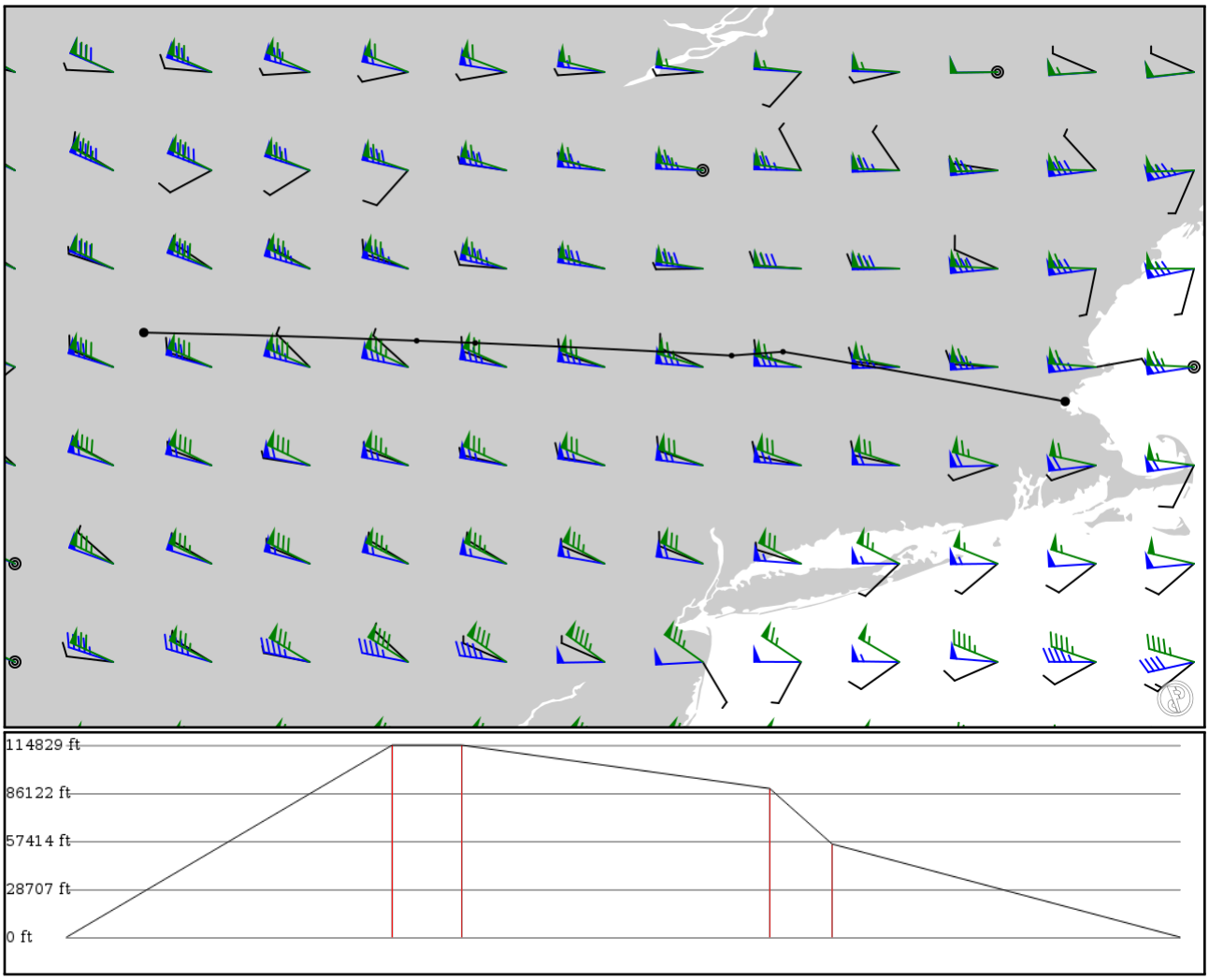
KBOS
Boston Logan Intl

2024/05/04 1208Z

KBUF AUDIL **J16** ALB **V14** GRAVE KBOS

343.92 nm / 636.94 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
KBUF APT	–	42.94049 -78.73061	0 ft 0 m	–	Buffalo Niagara Intl
AUDIL FIX	–	42.87187 -76.44307	35,000 ft 10,668 m	100	–
FABEN FIX	J16 AWY-HI	42.85334 -75.95220	35,000 ft 10,668 m	21	–
ALB VOR	J16 AWY-HI	42.74728 -73.80319	27,100 ft 8,260 m	94	ALBANY VORTAC
GRAVE FIX	V14 AWY-LO	42.77982 -73.37247	17,000 ft 5,182 m	19	–
KBOS APT	–	42.36306 -71.00696	0 ft 0 m	107	Boston Logan Intl

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 041054Z 02005KT 10SM FEW080 BKN110 BKN200 14/10 A3010 RMK AO2 SLP192 T01390100 $

TAF

TAF KBUF 041120Z 0412/0512 05005KT P6SM OVC090 FM041400 15010KT P6SM SCT035 BKN090 FM042100 15013G21KT P6SM SCT04

Frequencies

REC - 135.35 MHz - D-ATIS
TWR - 120.50 MHz - BUFFALO TOWER
DEP - 126.15 MHz - BUFFALO DEPARTURE
APP - 126.15 MHz - BUFFALO APPROACH

GND - 133.20 MHz - BUFFALO GROUND
CLD - 124.70 MHz - CLEARANCE DELIVERY
DEP - 126.50 MHz - BUFFALO DEPARTURE
APP - 126.50 MHz - BUFFALO APPROACH

Runways

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

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32	DME	IBNQ	109.95 MHz	18 nm 33 km	- -	-	496 ft 496 m
05	LOC-ILS	IGBI	108.50 MHz	18 nm 33 km	43.84 54.50	-	727 ft 727 m
23	LOC-ILS	IBUF	111.30 MHz	18 nm 33 km	223.84 234.50	-	727 ft 727 m
32	LOC-ILS	IBNQ	109.95 MHz	18 nm 33 km	306.77 317.43	-	727 ft 727 m
05	GS	IGBI	108.50 MHz	10 nm 19 km	43.84 54.50	3.00	727 ft 727 m
23	GS	IBUF	111.30 MHz	10 nm 19 km	223.84 234.50	3.00	727 ft 727 m
32	GS	IBNQ	109.95 MHz	10 nm 19 km	306.77 317.43	3.00	727 ft 727 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 041054Z 08007KT 10SM FEW045 FEW100 SCT250 10/06 A3033 RMK AO2 SLP269 T01000061

TAF

TAF KBOS 041120Z 0412/0518 07004KT P6SM FEW060 FM041400 07008KT P6SM BKN015 FM042100 08010KT P6SM BKN020 FM051200

Frequencies

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

Runways

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

Approach Navaids

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