

KBOS

General Edward Lawrence Logan Intl

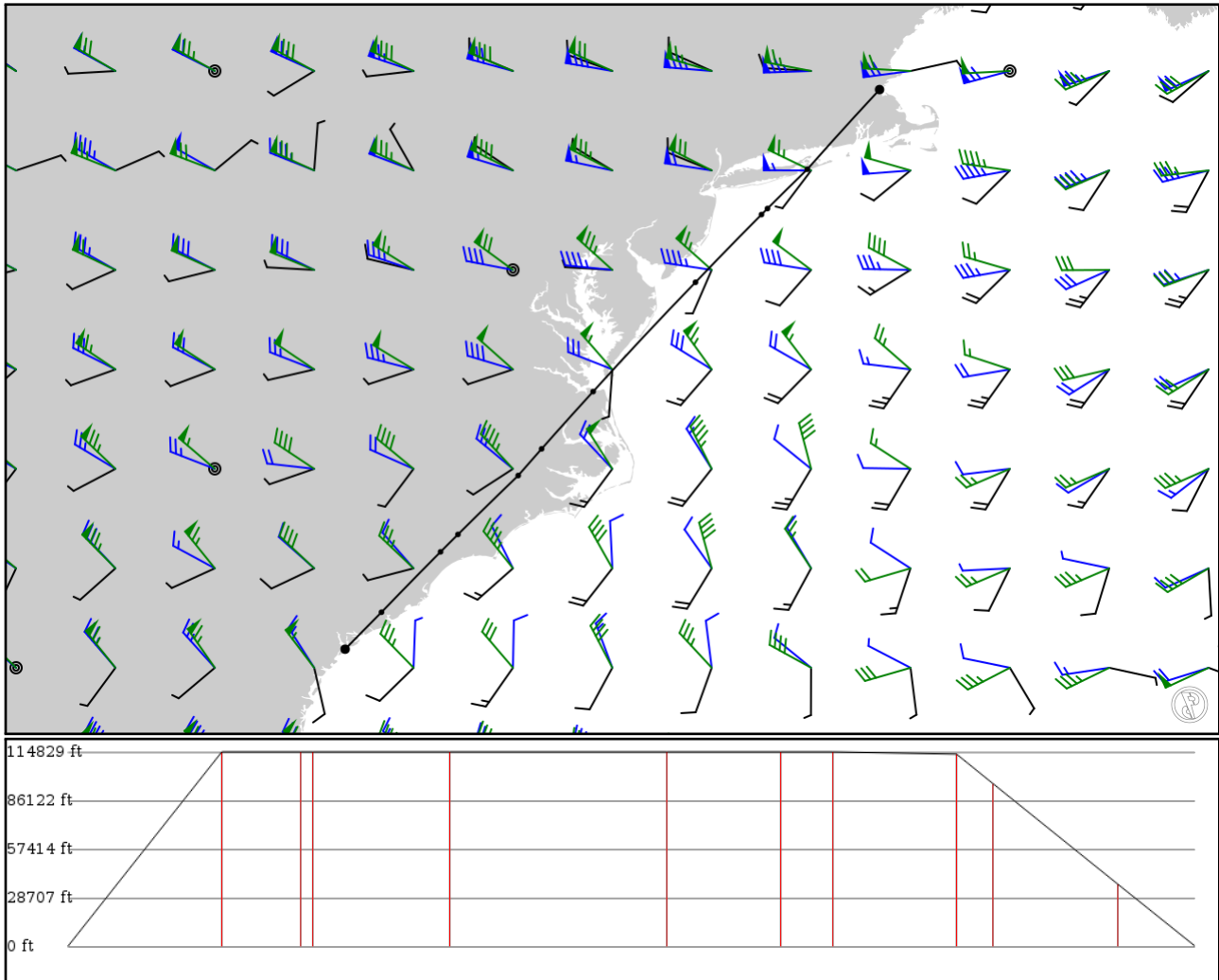
KHXD

Hilton Head

2024/05/07 0027Z

KBOS HTO VS1 ORF J121 CHS KHXD

765.13 nm / 1417.03 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 APT | - | 42.36300 -71.00680 | 0 ft 0 m | - | General Edward Lawrence Logan Intl | |
| HTO VOR | - | 40.91900 -72.31670 | 35,000 ft 10,668 m | 104 | HAMPTON (EAST HAMPTON) | |
| FATON FIX | VS1 AWY-HI | 40.20760 -73.03930 | 35,000 ft 10,668 m | 53 | - | |
| TAAPS FIX | VS1 AWY-HI | 40.09920 -73.14770 | 35,000 ft 10,668 m | 8 | - | |
| DASHA FIX | VS1 AWY-HI | 38.87200 -74.34450 | 35,000 ft 10,668 m | 92 | - | |
| ORF VOR | VS1 AWY-HI | 36.89190 -76.20030 | 35,000 ft 10,668 m | 147 | NORFOLK | |
| WEAVR FIX | J121 AWY-HI | 35.85390 -77.13430 | 35,000 ft 10,668 m | 76 | - | |
| ISO VOR | J121 AWY-HI | 35.37090 -77.55830 | 35,000 ft 10,668 m | 35 | KINSTON | |
| BARTL FIX | J121 AWY-HI | 34.30320 -78.65150 | 34,600 ft 10,546 m | 83 | - | |
| JMACK FIX | J121 AWY-HI | 33.98850 -78.96660 | 29,300 ft 8,931 m | 24 | - | |
| CHS VOR | J121 AWY-HI | 32.89430 -80.03780 | 11,200 ft 3,414 m | 84 | CHARLESTON | |
| KHXD APT | - | 32.22450 -80.69740 | 0 ft 0 m | 52 | Hilton Head | |

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 062354Z 25007KT 10SM FEW055 BKN200 OVC250 23/14 A2981 RMK A02 SLP094 T02280144 10250 20178 56007

TAF

TAF KBOS 062321Z 0700/0806 27005KT P6SM SCT040 FM070600 VRB03KT 3SM BR SCT003 TEMPO 0707/0710 2SM BR OVC003 FM0710

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 |

KHXD

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

Elevation: 19 ft / 6 m
Location: 32.224500 -80.697400
Magnetic Var: 7.825 W

METAR

KHXD 062350Z 19010G15KT 10SM VCTS OVC100 24/21 A2999 RMK LTG DSNT W-N

TAF

UNKNOWN

Frequencies

| | |
|---------------------------------------|--------------------------------------|
| REC - 121.40 MHz - ATIS | COM - 118.97 MHz - CTAF |
| GND - 121.10 MHz - HILTON HEAD GROUND | TWR - 118.97 MHz - HILTON HEAD TOWER |
| DEP - 125.30 MHz - SAVANNAH DEPARTURE | APP - 125.30 MHz - SAVANNAH APPROACH |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|-------|----------|-------------------------|---------|---------------------|-------------------|
| 03 | 98 ft | 5,011 ft | 25.98 | ASPHALT | 305 ft | 607 ft |
| | 30 m | 1,527 m | 33.80 | | 93 m | 185 m |
| 21 | 98 ft | 5,011 ft | 205.98 | ASPHALT | 410 ft | 604 ft |
| | 30 m | 1,527 m | 213.81 | | 125 m | 184 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 21 | DME | IHXD | 111.30 MHz | 18 nm | - | - | 19 ft |
| | | | | 33 km | - | | 19 m |
| 21 | LOC-LOC | IHXD | 111.30 MHz | 18 nm | 205.98 | - | 19 ft |
| | | | | 33 km | 213.80 | | 19 m |