

KBOS

Boston Logan Intl

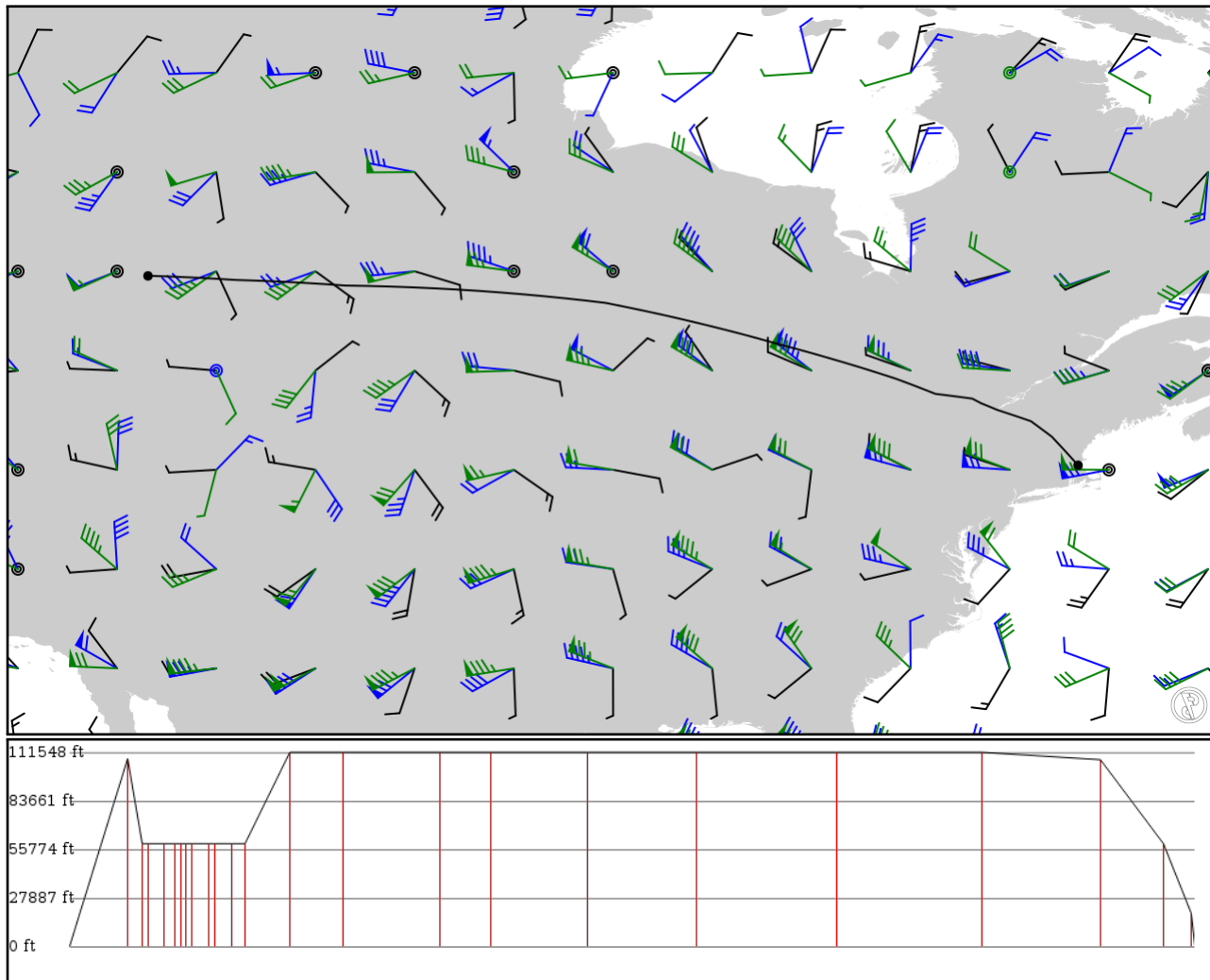
CYYC

CALGARY INTL

2024/05/13 1822Z

KBOS LEB V141 MSS V104 YOW J500 YYB J596 YXZ J576 YHD J543 VLR J500 VLN J504 HUSAR V304 YYC CYYC

1834.84 nm / 3398.13 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 33000ft
- Cruise Speed: 300kts
- 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 | - | 42.36306 -71.00696 | 0 ft 0 m | - | Boston Logan Intl |
| LEB VOR | - | 43.67886 -72.21608 | 32,900 ft 10,028 m | 95 | LEBANON VOR-DME |
| RUCKY FIX | V141 AWY-LO | 43.96394 -72.59556 | 18,000 ft 5,486 m | 23 | - |
| GREEK FIX | V141 AWY-LO | 44.08238 -72.75482 | 18,000 ft 5,486 m | 9 | - |
| BTV VOR | V141 AWY-LO | 44.39711 -73.18264 | 18,000 ft 5,486 m | 26 | BURLINGTON VOR-DME |
| KEESE FIX | V141 AWY-LO | 44.51777 -73.53398 | 18,000 ft 5,486 m | 16 | - |
| RIGID FIX | V141 AWY-LO | 44.58875 -73.74281 | 18,000 ft 5,486 m | 9 | - |
| TRIKY FIX | V141 AWY-LO | 44.65650 -73.94375 | 18,000 ft 5,486 m | 9 | - |
| BUGSY FIX | V141 AWY-LO | 44.72265 -74.14141 | 18,000 ft 5,486 m | 9 | - |
| MSS VOR | V141 AWY-LO | 44.91444 -74.72267 | 18,000 ft 5,486 m | 27 | MASSENA VORTAC |
| RNDDC FIX | V104 AWY-LO | 44.98914 -74.90372 | 18,000 ft 5,486 m | 8 | - |
| ULAMO FIX | V104 AWY-LO | 45.22917 -75.49306 | 18,000 ft 5,486 m | 28 | - |
| YOW VOR | V104 AWY-LO | 45.44165 -75.89696 | 18,000 ft 5,486 m | 21 | - |
| YXI VOR | J500 AWY-HI | 45.66300 -77.60239 | 34,000 ft 10,363 m | 72 | KILLALOE VOR-DME |
| YYB VOR | J500 AWY-HI | 46.36392 -79.43642 | 34,000 ft 10,363 m | 87 | NORTH BAY VOR-DME |
| COGLA FIX | J596 AWY-HI | 47.44000 -82.95639 | 34,000 ft 10,363 m | 158 | - |
| YXZ VOR | J596 AWY-HI | 47.95000 -84.82333 | 34,000 ft 10,363 m | 81 | - |
| TRUDY FIX | J576 AWY-HI | 48.91667 -88.50667 | 34,000 ft 10,363 m | 157 | - |
| YHD NDB | J576 AWY-HI | 49.86444 -92.84919 | 34,000 ft 10,363 m | 179 | BUD DRYDEN NDB |
| VLR VOR | J543 AWY-HI | 50.42222 -98.72372 | 34,000 ft 10,363 m | 228 | LANGRUTH VOR-DME |
| VLN VOR | J500 AWY-HI | 50.66700 -104.89031 | 34,000 ft 10,363 m | 235 | LUMSDEN VORTAC |
| YEA VOR | J504 AWY-HI | 50.92644 -109.98914 | 32,700 ft 9,967 m | 194 | EMPRESS VOR-DME |
| HUSAR FIX | J504 AWY-HI | 51.07194 -112.69389 | 18,000 ft 5,486 m | 102 | - |
| YYC VOR | V304 AWY-LO | 51.11506 -113.88208 | 5,800 ft 1,768 m | 44 | CALGARY VOR-DME |
| CYYC APT | - | 51.11320 -114.02004 | 0 ft 0 m | 5 | CALGARY INTL |

KBOS

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

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.286 W

METAR

KBOS 131754Z 10016KT 10SM SCT043 16/08 A3004 RMK AO2 SLP172 T01610078 10167 20139 57000

TAF

TAF KBOS 131721Z 1318/1424 11015KT P6SM SCT050 FM132300 17010KT P6SM SCT150 FM140200 20009KT P6SM SCT130 PROB30 1

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 | 329.57 | | 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 |

CYYC

Region: CANADA
Timezone: AMERICA/EDMONTON
Runways: 4

Elevation: 3,557 ft / 1,084 m
Location: 51.117200 -114.013000
Magnetic Var: 13.137 E

METAR

CYYC 131800Z 36013KT 6SM FU OVC100 15/04 A2981 RMK AC8 SLP102 DENSITY ALT 4600FT

TAF

TAF CYYC 131741Z 1318/1418 34015G25KT P6SM BKN100 TEMPO 1318/1321 6SM -SHRA FU OVC080 PROB40 1318/1321 VRB20G30KT

Frequencies

| | |
|--------------------------------------|---------------------------------------|
| REC - 128.22 MHz - CALGARY ATIS | CLD - 121.30 MHz - CLEARANCE DELIVERY |
| GND - 121.35 MHz - CALGARY GROUND | GND - 121.90 MHz - CALGARY GROUND |
| TWR - 118.70 MHz - CALGARY TOWER | TWR - 118.40 MHz - CALGARY TOWER |
| APP - 125.90 MHz - CALGARY APPROACH | APP - 123.85 MHz - CALGARY APPROACH |
| DEP - 124.52 MHz - CALGARY DEPARTURE | DEP - 119.80 MHz - CALGARY DEPARTURE |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 17R | 200 ft | 12,668 ft | 180.03 | ASPHALT | 0 ft | 0 ft |
| | 61 m | 3,861 m | 166.89 | | 0 m | 0 m |
| 35L | 200 ft | 12,668 ft | 0.03 | ASPHALT | 0 ft | 210 ft |
| | 61 m | 3,861 m | 346.89 | | 0 m | 64 m |
| 17L | 200 ft | 13,996 ft | 180.04 | CONCRETE | 0 ft | 0 ft |
| | 61 m | 4,266 m | 166.90 | | 0 m | 0 m |
| 35R | 200 ft | 13,996 ft | 0.04 | CONCRETE | 0 ft | 0 ft |
| | 61 m | 4,266 m | 346.90 | | 0 m | 0 m |
| 11 | 200 ft | 7,979 ft | 120.09 | ASPHALT | 0 ft | 0 ft |
| | 61 m | 2,432 m | 106.95 | | 0 m | 0 m |
| 29 | 200 ft | 7,979 ft | 300.11 | ASPHALT | 0 ft | 0 ft |
| | 61 m | 2,432 m | 286.98 | | 0 m | 0 m |
| 08 | 151 ft | 6,194 ft | 90.02 | ASPHALT | 0 ft | 0 ft |
| | 46 m | 1,888 m | 76.88 | | 0 m | 0 m |
| 26 | 151 ft | 6,194 ft | 270.04 | ASPHALT | 0 ft | 0 ft |
| | 46 m | 1,888 m | 256.90 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 11 | LOC-ILS | IGY | 110.55 MHz | 18 nm | 120.10 | - | 3,557 ft |
| | | | | 33 km | 106.96 | | 3,557 m |
| 17L | LOC-ILS | ILG | 109.15 MHz | 18 nm | 180.04 | - | 3,557 ft |
| | | | | 33 km | 166.90 | | 3,557 m |
| 17R | LOC-ILS | IEM | 109.30 MHz | 18 nm | 180.03 | - | 3,557 ft |
| | | | | 33 km | 166.89 | | 3,557 m |
| 29 | LOC-ILS | IAQ | 110.90 MHz | 18 nm | 300.10 | - | 3,557 ft |
| | | | | 33 km | 286.96 | | 3,557 m |
| 35L | LOC-ILS | IYC | 111.50 MHz | 18 nm | 0.03 | - | 3,557 ft |
| | | | | 33 km | 346.89 | | 3,557 m |
| 35R | LOC-ILS | IRF | 110.75 MHz | 18 nm | 0.04 | - | 3,557 ft |
| | | | | 33 km | 346.90 | | 3,557 m |
| 11 | GS | IGY | 110.55 MHz | 10 nm | 120.10 | 3.00 | 3,557 ft |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| | | | | 19 km | 106.96 | | 3,557 m |
| 17L | GS | ILG | 109.15 MHz | 10 nm | 180.04 | 3.00 | 3,557 ft |
| | | | | 19 km | 166.90 | | 3,557 m |
| 17R | GS | IEM | 109.30 MHz | 10 nm | 180.03 | 3.00 | 3,557 ft |
| | | | | 19 km | 166.89 | | 3,557 m |
| 29 | GS | IAQ | 110.90 MHz | 10 nm | 300.10 | 3.00 | 3,557 ft |
| | | | | 19 km | 286.96 | | 3,557 m |
| 35L | GS | IYC | 111.50 MHz | 10 nm | 0.03 | 3.00 | 3,557 ft |
| | | | | 19 km | 346.89 | | 3,557 m |
| 35R | GS | IRF | 110.75 MHz | 10 nm | 0.04 | 3.00 | 3,557 ft |
| | | | | 19 km | 346.90 | | 3,557 m |