

KEWR

Newark Liberty Intl

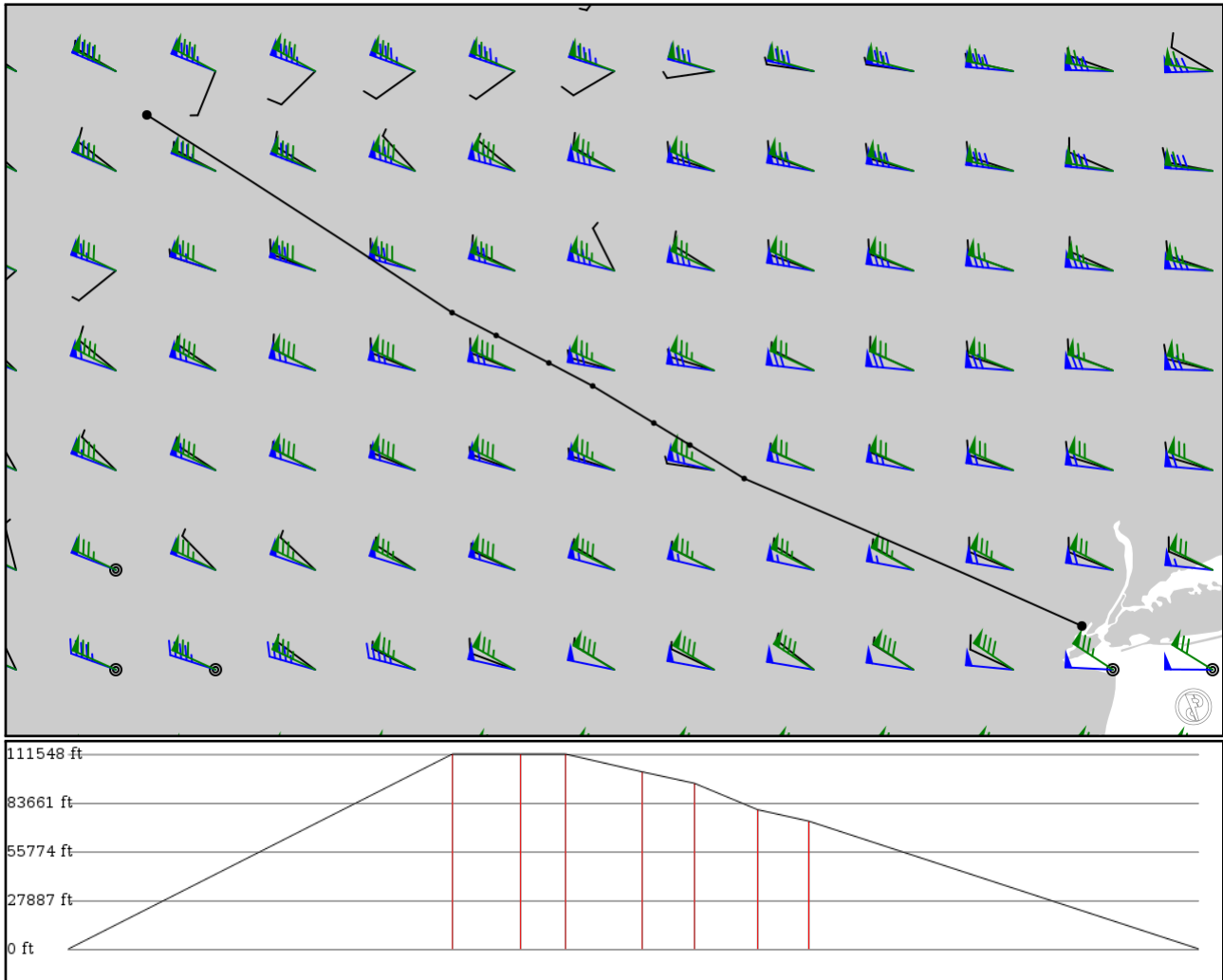
CYYZ

Toronto Lester B Pearson Intl

2024/05/06 0824Z

KEWR LACIE **V147** ULW **V36** BURST CYYZ

303.31 nm / 561.74 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 |
|---------------|----------------|-----------------------|-----------------------|--------------|-------------------------------|
| KEWR APT | - - | 40.69363 -74.16856 | 0 ft 0 m | - | Newark Liberty Intl |
| LACIE FIX | - - | 41.55415 -76.14011 | 34,000 ft 10,363 m | 103 - | |
| TWIIN FIX | V147 AWY-LO | 41.74940 -76.45699 | 34,000 ft 10,363 m | 18 - | |
| BIPOD FIX | V147 AWY-LO | 41.87821 -76.66784 | 34,000 ft 10,363 m | 12 - | |
| ULW VOR | V147 AWY-LO | 42.09422 -77.02458 | 30,900 ft 9,418 m | 20 | ELMIRA VOR-DME |
| THINK FIX | V36 AWY-LO | 42.22872 -77.28033 | 28,900 ft 8,809 m | 13 - | |
| HORNE FIX | V36 AWY-LO | 42.38924 -77.58783 | 24,300 ft 7,407 m | 16 - | |
| BURST FIX | V36 AWY-LO | 42.52233 -77.84536 | 22,300 ft 6,797 m | 13 - | |
| CYYZ APT | - - | 43.67613 -79.62767 | 0 ft 0 m | 104 | Toronto Lester B Pearson Intl |

KEWR

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 17 ft / 5 m
Location: 40.693600 -74.168600
Magnetic Var: 12.651 W

METAR

KEWR 060751Z 36004KT 4SM BR OVC004 12/12 A3005 RMK A02 SLP174 T01220117

TAF

KEWR 060540Z 0606/0712 VRB03KT 2SM BR OVC003 FM061800 28005KT P6SM SCT008 BKN010 FM070400 35004KT P6SM BKN025 FM071200 35004KT

Frequencies

| | |
|--------------------------------------|---------------------------------------|
| REC - 115.70 MHz - D-ATIS | REC - 134.82 MHz - D-ATIS |
| COM - 122.95 MHz - UNICOM | CLD - 118.85 MHz - CLEARANCE DELIVERY |
| GND - 121.80 MHz - NEWARK GROUND | GND - 126.15 MHz - NEWARK GROUND |
| GND - 132.45 MHz - RAMP CONTROL | TWR - 118.30 MHz - NEWARK TOWER |
| TWR - 134.05 MHz - NEWARK TOWER | APP - 127.60 MHz - NEW YORK APPROACH |
| APP - 128.55 MHz - NEW YORK APPROACH | APP - 132.70 MHz - NEW YORK APPROACH |
| APP - 132.80 MHz - NEW YORK APPROACH | DEP - 119.20 MHz - NEW YORK DEPARTURE |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 04L | 150 ft | 11,011 ft | 25.75 | ASPHALT | 2,539 ft | 610 ft |
| | 46 m | 3,356 m | 38.40 | | 774 m | 186 m |
| 22R | 150 ft | 11,011 ft | 205.76 | ASPHALT | 1,440 ft | 0 ft |
| | 46 m | 3,356 m | 218.41 | | 439 m | 0 m |
| 04R | 150 ft | 10,009 ft | 25.74 | ASPHALT | 1,191 ft | 299 ft |
| | 46 m | 3,051 m | 38.39 | | 363 m | 91 m |
| 22L | 150 ft | 10,009 ft | 205.75 | ASPHALT | 1,791 ft | 0 ft |
| | 46 m | 3,051 m | 218.40 | | 546 m | 0 m |
| 11 | 150 ft | 6,732 ft | 95.00 | ASPHALT | 0 ft | 505 ft |
| | 46 m | 2,052 m | 107.65 | | 0 m | 154 m |
| 29 | 150 ft | 6,732 ft | 275.02 | ASPHALT | 223 ft | 0 ft |
| | 46 m | 2,052 m | 287.67 | | 68 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 04L | DME | IEWR | 110.75 MHz | 18 nm | - | - | 11 ft |
| | | | | 33 km | - | | 11 m |
| 04R | DME | IEZA | 108.70 MHz | 18 nm | - | - | 18 ft |
| | | | | 33 km | - | | 18 m |
| 22L | DME | ILSQ | 108.70 MHz | 18 nm | - | - | 18 ft |
| | | | | 33 km | - | | 18 m |
| 22R | DME | IJNN | 110.75 MHz | 18 nm | - | - | 11 ft |
| | | | | 33 km | - | | 11 m |
| 04L | LOC-ILS | IEWR | 110.75 MHz | 18 nm | 25.76 | - | 17 ft |
| | | | | 33 km | 38.41 | | 17 m |
| 04R | LOC-ILS | IEZA | 108.70 MHz | 18 nm | 25.75 | - | 17 ft |
| | | | | 33 km | 38.40 | | 17 m |
| 11 | LOC-ILS | IGPR | 109.15 MHz | 18 nm | 95.01 | - | 17 ft |
| | | | | 33 km | 107.66 | | 17 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 22L | LOC-ILS | ILSQ | 108.70 MHz | 18 nm | 205.75 | - | 17 ft |
| | | | | 33 km | 218.40 | | 17 m |
| 22R | LOC-ILS | IJNN | 110.75 MHz | 18 nm | 205.76 | - | 17 ft |
| | | | | 33 km | 218.41 | | 17 m |
| 04L | GS | IEWR | 110.75 MHz | 10 nm | 25.76 | 3.00 | 17 ft |
| | | | | 19 km | 38.41 | | 17 m |
| 04R | GS | IEZA | 108.70 MHz | 10 nm | 25.75 | 3.00 | 17 ft |
| | | | | 19 km | 38.40 | | 17 m |
| 11 | GS | IGPR | 109.15 MHz | 10 nm | 95.01 | 3.00 | 17 ft |
| | | | | 19 km | 107.66 | | 17 m |
| 22L | GS | ILSQ | 108.70 MHz | 10 nm | 205.75 | 3.00 | 17 ft |
| | | | | 19 km | 218.40 | | 17 m |
| 22R | GS | IJNN | 110.75 MHz | 10 nm | 205.76 | 3.00 | 17 ft |
| | | | | 19 km | 218.41 | | 17 m |

CYYZ

Region: CANADA
Timezone: AMERICA/TORONTO
Runways: 5

Elevation: 564 ft / 172 m
Location: 43.676100 -79.627700
Magnetic Var: 10.261 W

METAR

CYYZ 060800Z 33010KT 15SM FEW190 09/02 A3004 RMK AC1 AC TR SLP175

TAF

TAF CYYZ 060540Z 0606/0712 33006KT P6SM SCT015 TEMPO 0606/0608 BKN015 FM060800 35010KT P6SM SKC RMK NXT FCST BY 06

Frequencies

| | |
|--------------------------------------|---------------------------------------|
| TWR - 118.35 MHz - TORONTO TOWER | TWR - 118.70 MHz - TORONTO TOWER |
| GND - 119.10 MHz - TORONTO GROUND | GND - 121.65 MHz - TORONTO GROUND |
| GND - 121.90 MHz - TORONTO GROUND | REC - 120.82 MHz - ATIS |
| REC - 133.10 MHz - ATIS | CLD - 121.30 MHz - CLEARANCE DELIVERY |
| APP - 132.80 MHz - TORONTO APPROACH | APP - 124.47 MHz - TORONTO APPROACH |
| APP - 125.40 MHz - TORONTO APPROACH | APP - 123.27 MHz - LONDON RADIO |
| DEP - 127.57 MHz - TORONTO DEPARTURE | DEP - 128.80 MHz - TORONTO DEPARTURE |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 06L | 197 ft | 9,707 ft | 46.43 | ASPHALT | 0 ft | 131 ft |
| | 60 m | 2,959 m | 56.69 | | 0 m | 40 m |
| 24R | 197 ft | 9,707 ft | 226.45 | ASPHALT | 194 ft | 98 ft |
| | 60 m | 2,959 m | 236.71 | | 59 m | 30 m |
| 06R | 197 ft | 9,007 ft | 46.43 | ASPHALT | 0 ft | 95 ft |
| | 60 m | 2,745 m | 56.69 | | 0 m | 29 m |
| 24L | 197 ft | 9,007 ft | 226.45 | ASPHALT | 0 ft | 95 ft |
| | 60 m | 2,745 m | 236.71 | | 0 m | 29 m |
| 05 | 197 ft | 11,128 ft | 46.39 | ASPHALT | 141 ft | 141 ft |
| | 60 m | 3,392 m | 56.65 | | 43 m | 43 m |
| 23 | 197 ft | 11,128 ft | 226.41 | ASPHALT | 492 ft | 141 ft |
| | 60 m | 3,392 m | 236.67 | | 150 m | 43 m |
| 15L | 197 ft | 11,061 ft | 136.64 | ASPHALT | 0 ft | 92 ft |
| | 60 m | 3,372 m | 146.90 | | 0 m | 28 m |
| 33R | 197 ft | 11,061 ft | 316.66 | ASPHALT | 0 ft | 89 ft |
| | 60 m | 3,372 m | 326.92 | | 0 m | 27 m |
| 15R | 197 ft | 9,097 ft | 136.62 | ASPHALT | 597 ft | 0 ft |
| | 60 m | 2,773 m | 146.88 | | 182 m | 0 m |
| 33L | 197 ft | 9,097 ft | 316.64 | ASPHALT | 591 ft | 0 ft |
| | 60 m | 2,773 m | 326.90 | | 180 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 24L | DME | IIDP | 111.95 MHz | 18 nm | - | - | 568 ft |
| | | | | 33 km | - | | 568 m |
| 24R | DME | INV | 109.30 MHz | 18 nm | - | - | 546 ft |
| | | | | 33 km | - | | 546 m |
| 05 | LOC-ILS | ITX | 109.70 MHz | 18 nm | 46.40 | - | 564 ft |
| | | | | 33 km | 56.66 | | 564 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|----------------|-------------------------|-------|-----------------|
| 06L | LOC-ILS | IJS | 109.10 MHz | 18 nm 33 km | 46.44 56.70 | - | 564 ft 564 m |
| 06R | LOC-ILS | ICV | 111.95 MHz | 18 nm 33 km | 46.44 56.70 | - | 564 ft 564 m |
| 15L | LOC-ILS | IRW | 110.50 MHz | 18 nm 33 km | 136.65 146.91 | - | 564 ft 564 m |
| 15R | LOC-ILS | ILP | 110.95 MHz | 18 nm 33 km | 136.63 146.89 | - | 564 ft 564 m |
| 23 | LOC-ILS | IYZ | 111.50 MHz | 18 nm 33 km | 226.40 236.66 | - | 564 ft 564 m |
| 24L | LOC-ILS | IDP | 111.95 MHz | 18 nm 33 km | 226.44 236.70 | - | 564 ft 564 m |
| 24R | LOC-ILS | INV | 109.30 MHz | 18 nm 33 km | 226.44 236.70 | - | 564 ft 564 m |
| 33L | LOC-ILS | ITO | 110.95 MHz | 18 nm 33 km | 316.63 326.89 | - | 564 ft 564 m |
| 33R | LOC-ILS | ILE | 110.30 MHz | 18 nm 33 km | 316.65 326.91 | - | 564 ft 564 m |
| 05 | GS | ITX | 109.70 MHz | 10 nm 19 km | 46.40 56.66 | 3.00 | 564 ft 564 m |
| 06L | GS | IJS | 109.10 MHz | 10 nm 19 km | 46.44 56.70 | 3.00 | 564 ft 564 m |
| 06R | GS | ICV | 111.95 MHz | 10 nm 19 km | 46.44 56.70 | 3.00 | 564 ft 564 m |
| 15L | GS | IRW | 110.50 MHz | 10 nm 19 km | 136.65 146.91 | 3.00 | 564 ft 564 m |
| 15R | GS | ILP | 110.95 MHz | 10 nm 19 km | 136.63 146.89 | 3.00 | 564 ft 564 m |
| 23 | GS | IYZ | 111.50 MHz | 10 nm 19 km | 226.40 236.66 | 3.00 | 564 ft 564 m |
| 24L | GS | IIDP | 111.95 MHz | 10 nm 19 km | 226.44 236.70 | 3.00 | 564 ft 564 m |
| 24R | GS | INV | 109.30 MHz | 10 nm 19 km | 226.44 236.70 | 3.00 | 564 ft 564 m |
| 33L | GS | ITO | 110.95 MHz | 10 nm 19 km | 316.63 326.89 | 3.00 | 564 ft 564 m |
| 33R | GS | ILE | 110.30 MHz | 10 nm 19 km | 316.65 326.91 | 3.00 | 564 ft 564 m |