

VHHH

Hong Kong Intl

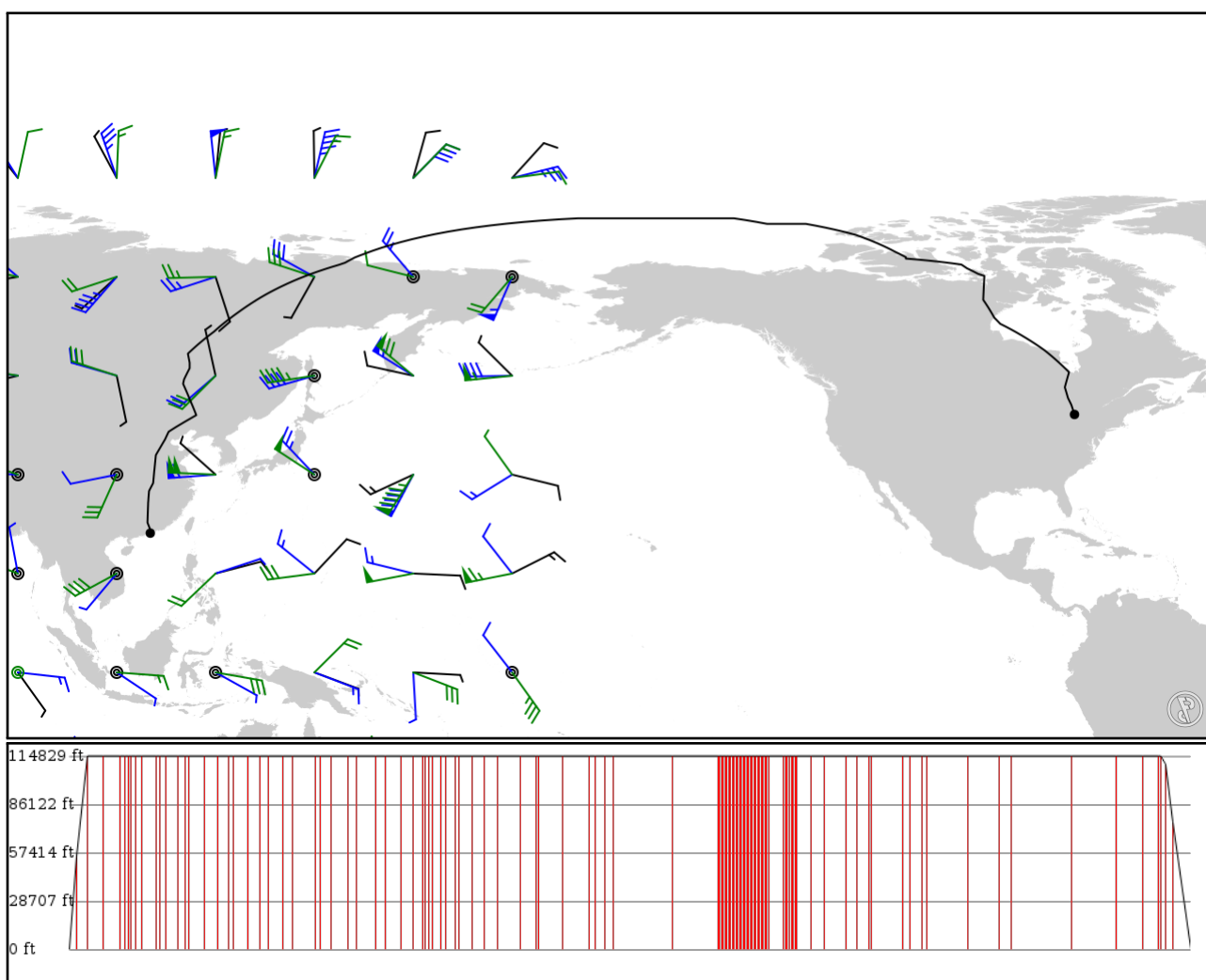
CYYZ

Toronto Pearson Intl

2024/05/19 2003Z

VHHH SHL **A461** YIN YIN **A461** LIG LIG **A461** LKO LKO **A461** ZHO ZHO **A461** VYK VYK **W41** CDY **G212** TGO **W27**
IKITI **A345** HLD 5000N12000E 5200N12100E 5300N12100E DITSI **G495** LURET 7100N14900E UTARO **G494** ORVIT
7900N-16800W 7900N-16700W 7900N-16600W 7900N-16500W 7900N-16400W 7900N-16300W 7900N-16200W
7900N-16100W 7900N-16000W 7900N-15900W 7900N-15800W 7900N-15700W 7900N-15600W 7900N-15500W
7900N-15400W 7900N-15300W 7900N-15200W 7900N-15100W 7900N-15000W 7900N-14900W 7900N-14800W
7900N-14700W 7900N-14600W 7900N-14500W 7900N-14400W 7900N-14300W 7900N-14200W 7900N-14100W
7800N-13500W 7800N-13400W 7800N-13300W 7800N-13200W 7800N-13100W 7800N-13000W 7800N-12900W
7800N-12800W 7700N-12300W 7600N-11900W 7400N-11400W 7300N-11200W 7200N-11000W SATAR **NCA32** PEPMO
7000N0-9900W 6900N0-9700W YHK **AR22** BK **AR7** YEK DUVER **NCA28** YMO **V37** YTS **V5** YSB **V34** CROCE CYYZ

7113.07 nm / 13173.40 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
VHHH	-	22.30890	0 ft	-	Hong Kong Intl
APT	-	113.91500	0 m		
SHL	-	23.09170	16,800 ft	47	SHILONG
VOR	-	113.85000	5,121 m		
YIN	A461	24.19000	35,000 ft	70	YINGDE
VOR	AWY-HI	113.41500	10,668 m		
YIN	-	24.20670	35,000 ft	1	YINGDE VOR-DME
DME	-	113.41000	10,668 m		
BUBDA	A461	25.86830	35,000 ft	99	-
FIX	AWY-HI	113.46300	10,668 m		
LIG	A461	27.62670	35,000 ft	105	LILING VOR-DME
DME	AWY-HI	113.52700	10,668 m		
LIG	-	27.64830	35,000 ft	1	LILING
VOR	-	113.51700	10,668 m		
PAVTU	A461	28.10500	35,000 ft	27	-
FIX	AWY-HI	113.55700	10,668 m		
LUMKO	A461	28.48170	35,000 ft	22	-
FIX	AWY-HI	113.58200	10,668 m		
AKUBA	A461	28.75500	35,000 ft	16	-
FIX	AWY-HI	113.60000	10,668 m		
DAPRO	A461	29.25830	35,000 ft	30	-
FIX	AWY-HI	113.64000	10,668 m		
LKO	A461	29.90670	35,000 ft	39	LONGKOU
VOR	AWY-HI	113.69200	10,668 m		
LKO	-	29.91670	35,000 ft	0	LONGKOU VOR-DME
DME	-	113.69700	10,668 m		
HOK	A461	31.32500	35,000 ft	92	HEKOU
VOR	AWY-HI	114.43000	10,668 m		
ESDOS	A461	31.72170	35,000 ft	23	-
FIX	AWY-HI	114.46800	10,668 m		
OBLIK	A461	32.33000	35,000 ft	36	-
FIX	AWY-HI	114.52500	10,668 m		
ZHO	A461	33.66170	35,000 ft	80	ZHOUKOU VOR-DME
DME	AWY-HI	114.64200	10,668 m		
ZHO	-	33.66500	35,000 ft	0	ZHOUKOU
VOR	-	114.65500	10,668 m		
IDULA	A461	34.30170	35,000 ft	38	-
FIX	AWY-HI	114.71500	10,668 m		
AKOMA	A461	34.69170	35,000 ft	23	-
FIX	AWY-HI	114.75300	10,668 m		
WXI	A461	36.36330	35,000 ft	100	WEIXIAN
VOR	AWY-HI	114.91700	10,668 m		
HG	A461	37.71670	35,000 ft	89	HENGSHUI
NDB	AWY-HI	115.70500	10,668 m		
IKENU	A461	38.75830	35,000 ft	68	-
FIX	AWY-HI	116.31300	10,668 m		
VYK	A461	39.19170	35,000 ft	28	DAWANGZHUANG VOR-DME
DME	AWY-HI	116.57200	10,668 m		
VYK	-	39.19500	35,000 ft	0	DAWANGZHUANG
VOR	-	116.57200	10,668 m		
CDY	W41	40.57830	35,000 ft	88	CHEDAOYU
NDB	AWY-HI	117.22300	10,668 m		
DABMA	G212	41.42170	35,000 ft	78	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	118.54500	10,668 m		
UPNAT	G212	41.94330	35,000 ft	50	-
FIX	AWY-HI	119.42500	10,668 m		
IKOKO	G212	42.91170	35,000 ft	93	-
FIX	AWY-HI	121.07700	10,668 m		
TGO	G212	43.56000	35,000 ft	62	TONGLIAO
VOR	AWY-HI	122.19700	10,668 m		
IKITI	W27	45.91500	35,000 ft	147	-
FIX	AWY-HI	121.23500	10,668 m		
ELPUN	A345	46.30670	35,000 ft	24	-
FIX	AWY-HI	121.07200	10,668 m		
ABVAX	A345	47.46000	35,000 ft	72	-
FIX	AWY-HI	120.59000	10,668 m		
HLD	A345	49.20330	35,000 ft	109	HAILAR
VOR	AWY-HI	119.82200	10,668 m		
5000N12000E	-	50.00000	35,000 ft	48	-
LATLON	-	120.00000	10,668 m		
5200N12100E	-	52.00000	35,000 ft	125	-
LATLON	-	121.00000	10,668 m		
5300N12100E	-	53.00000	35,000 ft	60	-
LATLON	-	121.00000	10,668 m		
DITSI	-	54.63030	35,000 ft	98	-
FIX	-	120.68600	10,668 m		
NISOT	G495	55.71890	35,000 ft	76	-
FIX	AWY-HI	121.86800	10,668 m		
NUDKA	G495	56.55060	35,000 ft	59	-
FIX	AWY-HI	122.82000	10,668 m		
IDMIR	G495	56.62610	35,000 ft	5	-
FIX	AWY-HI	122.90900	10,668 m		
MAKIN	G495	56.81390	35,000 ft	13	-
FIX	AWY-HI	123.13200	10,668 m		
BANLI	G495	57.15780	35,000 ft	24	-
FIX	AWY-HI	123.54800	10,668 m		
LAGOR	G495	57.48390	35,000 ft	23	-
FIX	AWY-HI	123.95100	10,668 m		
DOKUR	G495	58.23390	35,000 ft	54	-
FIX	AWY-HI	124.91100	10,668 m		
ARDIB	G495	58.60060	35,000 ft	26	-
FIX	AWY-HI	125.40100	10,668 m		
DILAG	G495	59.47720	35,000 ft	60	-
FIX	AWY-HI	126.39600	10,668 m		
BAKOD	G495	59.82560	35,000 ft	24	-
FIX	AWY-HI	126.81400	10,668 m		
TIRSI	G495	60.95890	35,000 ft	80	-
FIX	AWY-HI	128.24100	10,668 m		
UTS	G495	62.09250	35,000 ft	81	YAKUTSK
VOR	AWY-HI	129.78500	10,668 m		
RIGNA	G495	63.21560	35,000 ft	80	-
FIX	AWY-HI	131.38300	10,668 m		
PESEK	G495	65.25720	35,000 ft	149	-
FIX	AWY-HI	134.68500	10,668 m		
RODOK	G495	66.56220	35,000 ft	99	-
FIX	AWY-HI	137.17000	10,668 m		
KORIP	G495	66.73060	35,000 ft	13	-
FIX	AWY-HI	137.52200	10,668 m		
KURAG	G495	68.63220	35,000 ft	152	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	141.92600	10,668 m		
LURET	G495	70.62560	35,000 ft	172	-
FIX	AWY-HI	147.89900	10,668 m		
7100N14900E	-	71.00000	35,000 ft	31	-
LATLON	-	149.00000	10,668 m		
UTARO	-	71.95560	35,000 ft	66	-
FIX	-	150.76300	10,668 m		
TURDI	G494	72.60560	35,000 ft	49	-
FIX	AWY-HI	152.46700	10,668 m		
DILSA	G494	77.00030	35,000 ft	379	-
FIX	AWY-HI	170.00500	10,668 m		
ORVIT	G494	79.00000	35,000 ft	286	-
FIX	AWY-HI	-168.97300	10,668 m		
7900N-16800W	-	79.00000	35,000 ft	11	-
LATLON	-	-168.00000	10,668 m		
7900N-16700W	-	79.00000	35,000 ft	11	-
LATLON	-	-167.00000	10,668 m		
7900N-16600W	-	79.00000	35,000 ft	11	-
LATLON	-	-166.00000	10,668 m		
7900N-16500W	-	79.00000	35,000 ft	11	-
LATLON	-	-165.00000	10,668 m		
7900N-16400W	-	79.00000	35,000 ft	11	-
LATLON	-	-164.00000	10,668 m		
7900N-16300W	-	79.00000	35,000 ft	11	-
LATLON	-	-163.00000	10,668 m		
7900N-16200W	-	79.00000	35,000 ft	11	-
LATLON	-	-162.00000	10,668 m		
7900N-16100W	-	79.00000	35,000 ft	11	-
LATLON	-	-161.00000	10,668 m		
7900N-16000W	-	79.00000	35,000 ft	11	-
LATLON	-	-160.00000	10,668 m		
7900N-15900W	-	79.00000	35,000 ft	11	-
LATLON	-	-159.00000	10,668 m		
7900N-15800W	-	79.00000	35,000 ft	11	-
LATLON	-	-158.00000	10,668 m		
7900N-15700W	-	79.00000	35,000 ft	11	-
LATLON	-	-157.00000	10,668 m		
7900N-15600W	-	79.00000	35,000 ft	11	-
LATLON	-	-156.00000	10,668 m		
7900N-15500W	-	79.00000	35,000 ft	11	-
LATLON	-	-155.00000	10,668 m		
7900N-15400W	-	79.00000	35,000 ft	11	-
LATLON	-	-154.00000	10,668 m		
7900N-15300W	-	79.00000	35,000 ft	11	-
LATLON	-	-153.00000	10,668 m		
7900N-15200W	-	79.00000	35,000 ft	11	-
LATLON	-	-152.00000	10,668 m		
7900N-15100W	-	79.00000	35,000 ft	11	-
LATLON	-	-151.00000	10,668 m		
7900N-15000W	-	79.00000	35,000 ft	11	-
LATLON	-	-150.00000	10,668 m		
7900N-14900W	-	79.00000	35,000 ft	11	-
LATLON	-	-149.00000	10,668 m		
7900N-14800W	-	79.00000	35,000 ft	11	-
LATLON	-	-148.00000	10,668 m		
7900N-14700W	-	79.00000	35,000 ft	11	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-147.00000	10,668 m		
7900N-14600W	-	79.00000	35,000 ft	11	-
LATLON	-	-146.00000	10,668 m		
7900N-14500W	-	79.00000	35,000 ft	11	-
LATLON	-	-145.00000	10,668 m		
7900N-14400W	-	79.00000	35,000 ft	11	-
LATLON	-	-144.00000	10,668 m		
7900N-14300W	-	79.00000	35,000 ft	11	-
LATLON	-	-143.00000	10,668 m		
7900N-14200W	-	79.00000	35,000 ft	11	-
LATLON	-	-142.00000	10,668 m		
7900N-14100W	-	79.00000	35,000 ft	11	-
LATLON	-	-141.00000	10,668 m		
7800N-13500W	-	78.00000	35,000 ft	93	-
LATLON	-	-135.00000	10,668 m		
7800N-13400W	-	78.00000	35,000 ft	12	-
LATLON	-	-134.00000	10,668 m		
7800N-13300W	-	78.00000	35,000 ft	12	-
LATLON	-	-133.00000	10,668 m		
7800N-13200W	-	78.00000	35,000 ft	12	-
LATLON	-	-132.00000	10,668 m		
7800N-13100W	-	78.00000	35,000 ft	12	-
LATLON	-	-131.00000	10,668 m		
7800N-13000W	-	78.00000	35,000 ft	12	-
LATLON	-	-130.00000	10,668 m		
7800N-12900W	-	78.00000	35,000 ft	12	-
LATLON	-	-129.00000	10,668 m		
7800N-12800W	-	78.00000	35,000 ft	12	-
LATLON	-	-128.00000	10,668 m		
7700N-12300W	-	77.00000	35,000 ft	88	-
LATLON	-	-123.00000	10,668 m		
7600N-11900W	-	76.00000	35,000 ft	82	-
LATLON	-	-119.00000	10,668 m		
7400N-11400W	-	74.00000	35,000 ft	142	-
LATLON	-	-114.00000	10,668 m		
7300N-11200W	-	73.00000	35,000 ft	69	-
LATLON	-	-112.00000	10,668 m		
7200N-11000W	-	72.00000	35,000 ft	70	-
LATLON	-	-110.00000	10,668 m		
SATAR	-	71.75000	35,000 ft	15	-
FIX	-	-110.00000	10,668 m		
PEPMO	NCA32	70.66670	35,000 ft	203	-
FIX	AWY-HI	-100.00000	10,668 m		
7000N-9900W	-	70.00000	35,000 ft	44	-
LATLON	-	-99.00000	10,668 m		
6900N-9700W	-	69.00000	35,000 ft	73	-
LATLON	-	-97.00000	10,668 m		
YHK	-	68.62610	35,000 ft	33	GJOA HAVEN
NDB	-	-95.85890	10,668 m		
BK	AR22	64.31470	35,000 ft	258	BAKER LAKE
NDB	AWY-LO	-96.06470	10,668 m		
YEK	AR7	61.09910	35,000 ft	200	ARVIAT
NDB	AWY-LO	-94.06890	10,668 m		
DUVER	-	60.00000	35,000 ft	73	-
FIX	-	-93.00000	10,668 m		
TASLI	NCA28	55.22220	35,000 ft	384	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-85.00000	10,668 m		
YMO	NCA28	51.29140	35,000 ft	283	MOOSONEE
VOR	AWY-HI	-80.60720	10,668 m		
YTS	V37	48.57210	35,000 ft	165	TIMMINS
VOR	AWY-LO	-81.37010	10,668 m		
FRALK	V5	46.92690	35,000 ft	100	-
FIX	AWY-LO	-80.88330	10,668 m		
YSB	V5	46.62910	35,000 ft	18	SUDBURY
VOR	AWY-LO	-80.79820	10,668 m		
BURWA	V34	46.19000	33,500 ft	27	-
FIX	AWY-LO	-80.57670	10,211 m		
CROCE	V34	45.42170	23,000 ft	48	-
FIX	AWY-LO	-80.20360	7,010 m		
CYYZ	-	43.67610	0 ft	107	Toronto Pearson Intl
APT	-	-79.62770	0 m		

VHHH

Region: HONG KONG
Timezone: UNKNOWN
Runways: 2

Elevation: 27 ft / 8 m
Location: 22.308900 113.915000
Magnetic Var: 3.239 W

METAR

VHHH 191940Z 10011KT 9999 -SHRA FEW010 SCT020 25/23 Q1004 RERA TEMPO 4000 SHRA FEW010CB SCT020

TAF

TAF VHHH 191700Z 1918/2024 10010KT 9999 FEW015 SCT030 TX26/2006Z TN24/1922Z TN23/2022Z TEMPO 1918/1921 4000 SHRA

Frequencies

REC - 128.20 MHz - D-ATIS	REC - 127.05 MHz - D-ATIS
GND - 121.60 MHz - HONG KONG GROUND	GND - 122.55 MHz - HONG KONG GROUND
GND - 121.87 MHz - HONG KONG GROUND	TWR - 118.20 MHz - HONG KONG TOWER
TWR - 118.40 MHz - HONG KONG TOWER	TWR - 118.70 MHz - HONG KONG TOWER
CLD - 124.65 MHz - HONG KONG CLEARANCE DELIVERY	CLD - 129.90 MHz - HONG KONG CLEARANCE DELIVERY
DEP - 122.00 MHz - HONG KONG DEPARTURE	DEP - 123.80 MHz - HONG KONG DEPARTURE
DEP - 124.05 MHz - HONG KONG DEPARTURE	APP - 119.10 MHz - HONG KONG APPROACH
APP - 119.35 MHz - HONG KONG APPROACH	APP - 119.55 MHz - HONG KONG DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	197 ft	12,462 ft	70.77	ASPHALT	554 ft	974 ft
	60 m	3,799 m	74.01		169 m	297 m
25R	197 ft	12,462 ft	250.79	ASPHALT	571 ft	978 ft
	60 m	3,799 m	254.03		174 m	298 m
07R	197 ft	12,463 ft	70.79	ASPHALT	518 ft	886 ft
	60 m	3,799 m	74.03		158 m	270 m
25L	197 ft	12,463 ft	250.80	ASPHALT	0 ft	981 ft
	60 m	3,799 m	254.04		0 m	299 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IZSL	111.10 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
07R	DME	ISR	109.30 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25L	DME	IFL	108.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25R	DME	ITFR	110.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
07L	LOC-ILS	IZSL	111.10 MHz	18 nm	70.78	-	27 ft
				33 km	74.02		27 m
07R	LOC-ILS	ISR	109.30 MHz	18 nm	70.79	-	27 ft
				33 km	74.03		27 m
25L	LOC-ILS	IFL	108.90 MHz	18 nm	250.79	-	27 ft
				33 km	254.03		27 m
25R	LOC-ILS	ITFR	110.90 MHz	18 nm	250.78	-	27 ft
				33 km	254.02		27 m
07L	GS	IZSL	111.10 MHz	10 nm	70.78	3.00	27 ft
				19 km	74.02		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07R	GS	ISR	109.30 MHz	10 nm	70.79	3.00	27 ft
				19 km	74.03		27 m
25L	GS	IFL	108.90 MHz	10 nm	250.79	3.00	27 ft
				19 km	254.03		27 m
25R	GS	ITFR	110.90 MHz	10 nm	250.78	3.00	27 ft
				19 km	254.02		27 m

CYYZ

Region: CANADA
Timezone: AMERICA/TORONTO
Runways: 5

Elevation: 564 ft / 172 m
Location: 43.676100 -79.627700
Magnetic Var: 10.260 W

METAR

CYYZ 191900Z 14009KT 120V180 15SM FEW040 FEW260 23/16 A2996 RMK CU1CI1 CU TR CI TR SLP146 DENSITY ALT 1600FT

TAF

TAF CYYZ 191740Z 1918/2024 16010KT P6SM SCT030 FM192100 15010KT P6SM SCT050 TEMPO 1921/1923 P6SM VCTS BKN050CB BE

Frequencies

TWR - 118.35 MHz - TORONTO TOWER
GND - 119.10 MHz - TORONTO GROUND
GND - 121.90 MHz - TORONTO GROUND
REC - 133.10 MHz - ATIS
APP - 132.80 MHz - TORONTO APPROACH
APP - 125.40 MHz - TORONTO APPROACH
DEP - 127.57 MHz - TORONTO DEPARTURE

TWR - 118.70 MHz - TORONTO TOWER
GND - 121.65 MHz - TORONTO GROUND
REC - 120.82 MHz - ATIS
CLD - 121.30 MHz - CLEARANCE DELIVERY
APP - 124.47 MHz - TORONTO APPROACH
APP - 123.27 MHz - LONDON RADIO
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