

CYYZ

Toronto Lester B Pearson Intl

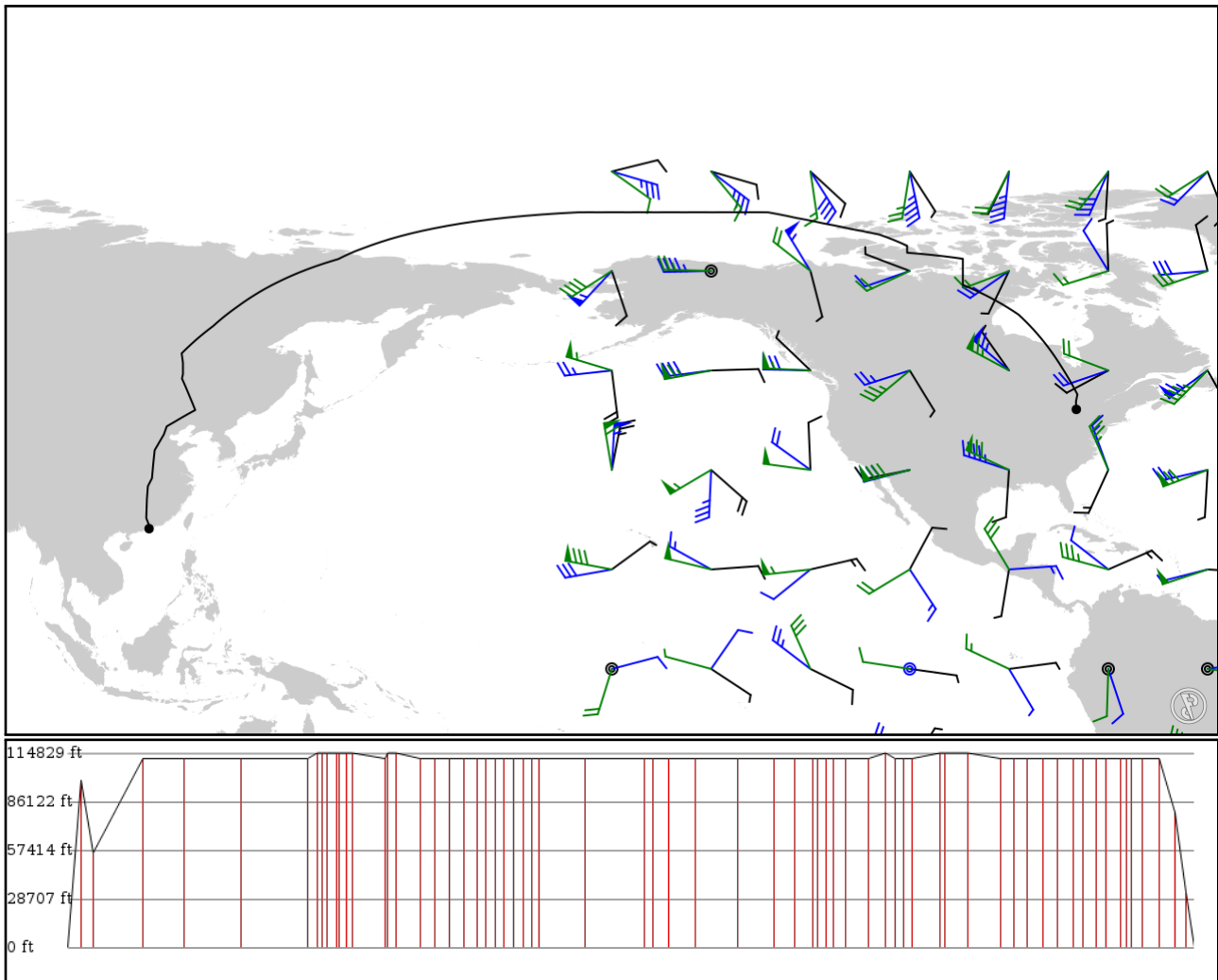
VHHH

Hong Kong Intl

2024/05/07 0312Z

CYYZ LOYED **V332** YYB **NCA31** SEDAG 6700N10000W LENOT 6800N10000W 6900N10000W DERLI 7000N10000W N7040
NCA32 N7145 7200N11000W 7300N11000W 7500N11500W 7600N12000W 7700N12500W 7800N13000W 7900N13500W
7900N14000W 7900N14500W 7900N15000W 7900N15500W 7900N16000W 7900N16500W ORVIT **G494** UTARO UESO
G495 KU 5200N12000E 5100N12000E 5000N12000E HLD **A345** IKITI **W27** TGO **G212** LR **W41** VYK **A461** SHL VHHH

7094.17 nm / 13138.40 km



Notes

Basic altitude profile:

- Ascent Rate: 2400ft/min
- Ascent Speed: 280kts
- Cruise Altitude: 35000ft
- Cruise Speed: 484kts
- 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
CYYZ APT	-	43.67613 -79.62767	0 ft 0 m	-	Toronto Lester B Pearson Intl
LOYED FIX	-	45.08028 -79.69500	30,100 ft 9,174 m	84	-
YYB VOR	V332 AWY-LO	46.36392 -79.43642	17,000 ft 5,182 m	77	NORTH BAY VOR-DME
MOGAG FIX	NCA31 AWY-HI	51.26167 -82.26333	34,000 ft 10,363 m	314	-
TASLI FIX	NCA31 AWY-HI	55.22222 -85.00000	34,000 ft 10,363 m	257	-
KEBVA FIX	NCA31 AWY-HI	60.66667 -90.00000	34,000 ft 10,363 m	363	-
SEDAG FIX	NCA31 AWY-HI	66.00000 -100.00000	34,000 ft 10,363 m	417	-
6700N10000W LATLON	-	67.00000 -100.00000	35,000 ft 10,668 m	60	-
LENOT FIX	-	67.50000 -100.00000	35,000 ft 10,668 m	30	-
6800N10000W LATLON	-	68.00000 -100.00000	35,000 ft 10,668 m	30	-
6900N10000W LATLON	-	69.00000 -100.00000	35,000 ft 10,668 m	60	-
DERLI FIX	-	69.33333 -100.00000	35,000 ft 10,668 m	20	-
7000N10000W LATLON	-	70.00000 -100.00000	35,000 ft 10,668 m	40	-
N7040 FIX	-	70.66667 -100.00000	35,000 ft 10,668 m	40	-
N7145 FIX	NCA32 AWY-HI	71.75000 -110.00000	34,000 ft 10,363 m	203	-
7200N11000W LATLON	-	72.00000 -110.00000	35,000 ft 10,668 m	15	-
7300N11000W LATLON	-	73.00000 -110.00000	35,000 ft 10,668 m	60	-
7500N11500W LATLON	-	75.00000 -115.00000	34,000 ft 10,363 m	145	-
7600N12000W LATLON	-	76.00000 -120.00000	34,000 ft 10,363 m	96	-
7700N12500W LATLON	-	77.00000 -125.00000	34,000 ft 10,363 m	92	-
7800N13000W LATLON	-	78.00000 -130.00000	34,000 ft 10,363 m	88	-
7900N13500W LATLON	-	79.00000 -135.00000	34,000 ft 10,363 m	84	-
7900N14000W LATLON	-	79.00000 -140.00000	34,000 ft 10,363 m	57	-
7900N14500W LATLON	-	79.00000 -145.00000	34,000 ft 10,363 m	57	-
7900N15000W LATLON	-	79.00000 -150.00000	34,000 ft 10,363 m	57	-
7900N15500W LATLON	-	79.00000 -155.00000	34,000 ft 10,363 m	57	-
7900N16000W	-	79.00000	34,000 ft	57	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-160.00000	10,363 m		
7900N16500W	-	79.00000	34,000 ft	57	-
LATLON	-	-165.00000	10,363 m		
ORVIT	-	79.00000	34,000 ft	45	-
FIX	-	-168.97333	10,363 m		
DILSA	G494	77.00028	34,000 ft	286	-
FIX	AWY-HI	170.00528	10,363 m		
TURDI	G494	72.60556	34,000 ft	379	-
FIX	AWY-HI	152.46667	10,363 m		
UTARO	G494	71.95556	34,000 ft	49	-
FIX	AWY-HI	150.76306	10,363 m		
UESO	-	70.62455	34,000 ft	97	Chokurdah
APT	-	147.89789	10,363 m		
SUKIN	G495	68.67000	34,000 ft	169	-
FIX	AWY-HI	142.03667	10,363 m		
EDALO	G495	65.27000	34,000 ft	266	-
FIX	AWY-HI	134.70333	10,363 m		
UEEE	G495	62.09325	34,000 ft	231	Yakutsk
APT	AWY-HI	129.77068	10,363 m		
RUKAN	G495	60.33500	34,000 ft	125	-
FIX	AWY-HI	127.42500	10,363 m		
UEEA	G495	58.60430	34,000 ft	120	Aldan
APT	AWY-HI	125.40964	10,363 m		
DOKUR	G495	58.23389	34,000 ft	27	-
FIX	AWY-HI	124.91111	10,363 m		
LAGOR	G495	57.48389	34,000 ft	54	-
FIX	AWY-HI	123.95083	10,363 m		
MAKIN	G495	56.81389	34,000 ft	48	-
FIX	AWY-HI	123.13250	10,363 m		
SUDIN	G495	55.82500	34,000 ft	70	-
FIX	AWY-HI	121.98667	10,363 m		
KU	G495	53.72556	34,000 ft	147	MOGOCHA NDB
NDB	AWY-HI	119.76583	10,363 m		
5200N12000E	-	52.00000	35,000 ft	103	-
LATLON	-	120.00000	10,668 m		
5100N12000E	-	51.00000	34,000 ft	60	-
LATLON	-	120.00000	10,363 m		
5000N12000E	-	50.00000	34,000 ft	60	-
LATLON	-	120.00000	10,363 m		
HLD	-	49.20167	34,000 ft	48	HAILAR VOR-DME
VOR	-	119.82333	10,363 m		
ELPUN	A345	46.30833	35,000 ft	180	-
FIX	AWY-HI	121.07167	10,668 m		
IKITI	A345	45.91500	35,000 ft	24	-
FIX	AWY-HI	121.23500	10,668 m		
TGO	W27	43.56000	35,000 ft	147	TONGLIAO VOR-DME
VOR	AWY-HI	122.19833	10,668 m		
BEDOG	G212	41.46000	34,000 ft	206	-
FIX	AWY-HI	118.50667	10,363 m		
LR	G212	40.63333	34,000 ft	81	GUBEIKOU NDB
NDB	AWY-HI	117.08333	10,363 m		
VYK	W41	39.19167	34,000 ft	89	DAWANGZHUANG VOR-DME
VOR	AWY-HI	116.57167	10,363 m		
HG	A461	37.72333	34,000 ft	97	-
NDB	AWY-HI	115.71000	10,363 m		
WXI	A461	36.36333	34,000 ft	90	WEIXIAN VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	114.91667	10,363 m		
AKOMA	A461	34.69333	34,000 ft	100	-
FIX	AWY-HI	114.74500	10,363 m		
ZHO	A461	33.66167	34,000 ft	62	ZHOUKOU VOR-DME
VOR	AWY-HI	114.64167	10,363 m		
OBLIK	A461	32.33000	34,000 ft	80	-
FIX	AWY-HI	114.52333	10,363 m		
ZF	A461	31.33333	34,000 ft	60	HEKOU NDB
NDB	AWY-HI	114.43333	10,363 m		
LKO	A461	29.91667	34,000 ft	93	LONGKOU VOR-DME
VOR	AWY-HI	113.69667	10,363 m		
DAPRO	A461	29.25667	34,000 ft	39	-
FIX	AWY-HI	113.64667	10,363 m		
ENLOK	A461	28.81333	34,000 ft	26	-
FIX	AWY-HI	113.61500	10,363 m		
LIG	A461	27.62667	34,000 ft	71	LILING VOR-DME
VOR	AWY-HI	113.52667	10,363 m		
BUBDA	A461	25.87000	34,000 ft	105	-
FIX	AWY-HI	113.46833	10,363 m		
YIN	A461	24.20667	24,300 ft	99	YINGDE VOR-DME
VOR	AWY-HI	113.41000	7,407 m		
SHL	A461	23.09000	10,000 ft	71	SHILONG VOR-DME
VOR	AWY-LO	113.85333	3,048 m		
VHHH	-	22.30899	0 ft	47	Hong Kong Intl
APT	-	113.91461	0 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 070300Z 35009G15KT 15SM SKC 12/01 A2993 RMK SLP138

TAF

TAF CYYZ 070240Z 0703/0806 36010KT P6SM SKC BECMG 0713/0715 09012KT FM080100 08010KT P6SM -SHRA BKN050 RMK NXT FCS

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

VHHH

Region: HONG KONG
Timezone: UNKNOWN
Runways: 2

Elevation: 27 ft / 8 m
Location: 22.308900 113.915000
Magnetic Var: 3.237 W

METAR

VHHH 070300Z 31005KT 4800 HZ FEW025 28/23 Q1014 NOSIG

TAF

TAF VHHH 070200Z 0703/0809 27010KT 9000 FEW020 TX31/0706Z TX29/0806Z TN26/0722Z TEMPO 0703/0708 4000 BR HZ BECMG (

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	254.02		174 m	298 m
07R	197 ft	12,463 ft	70.79	ASPHALT	518 ft	886 ft
	60 m	3,799 m	74.02		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