

CYYZ

Toronto Lester B Pearson International Airport

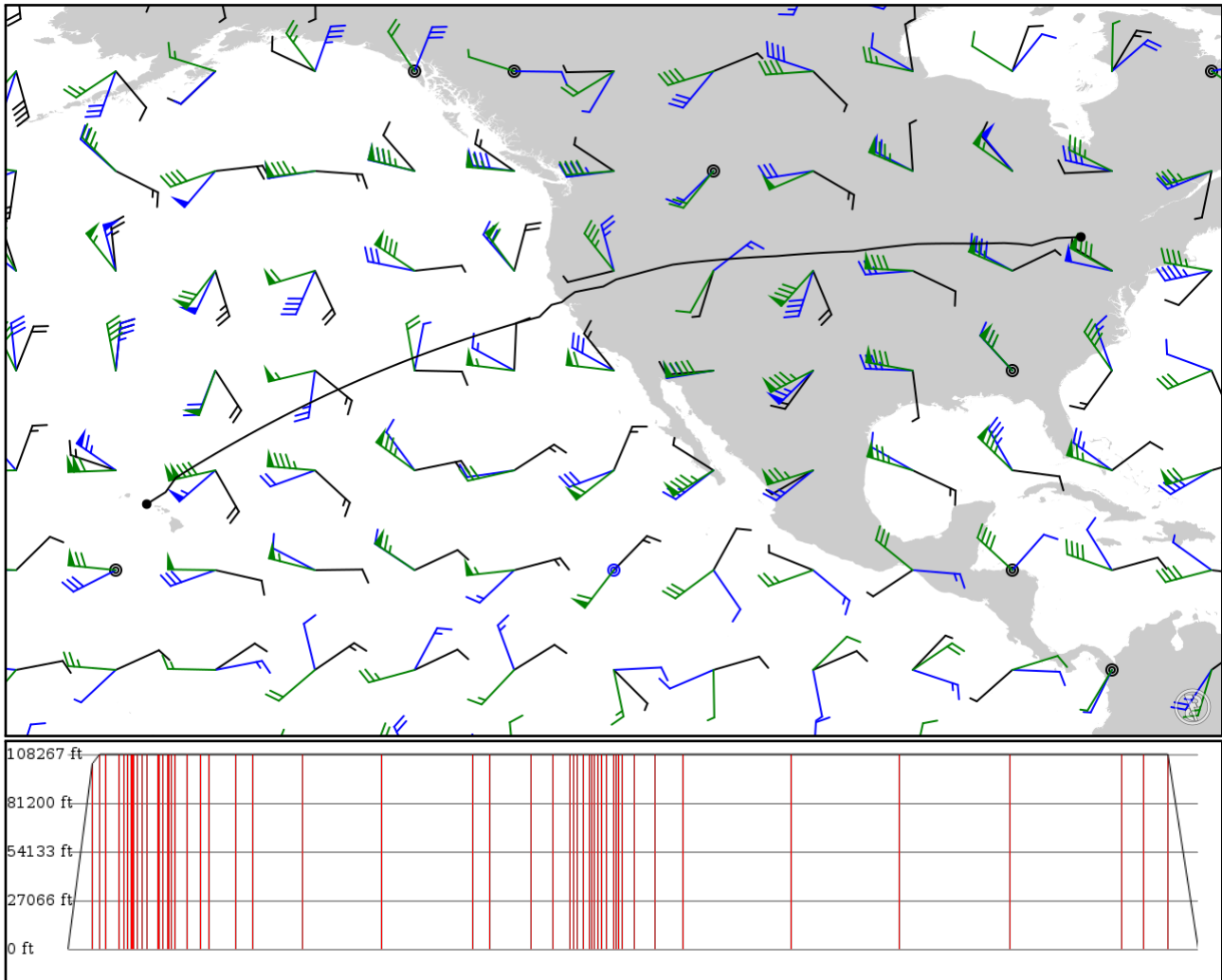
PHNL

Honolulu Intl

2024/05/16 0016Z

CYYZ LEPOS **T616** HOCKE **Q824** FNT **V450** MKG **V2** BAE **J16** MCW **J148** ONL **Q122** LCU **J94** BAM **J32** FMG **V200** ILA
V301 STS FREES BOARS 3800N-12400W BEBOP **R464** SOMOH PHNL

4080.71 nm / 7557.47 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 33000ft
- Cruise Speed: 420kts
- Descent Rate: 2500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes

- Use high airways: yes

Route

Ident		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
CYYZ	-	43.67610	0 ft	-		Toronto Lester B Pearson International Airport
APT	-	-79.62770	0 m			
LEPOS	-	43.58360	31,400 ft	87	-	
FIX	-	-81.64670	9,571 m			
RAKAP	T616	43.41750	33,000 ft	26	-	
FIX	AWY-LO	-82.20160	10,058 m			
HOCKE	T616	43.26210	33,000 ft	24	-	
FIX	AWY-LO	-82.71060	10,058 m			
FNT	Q824	42.96680	33,000 ft	48	FLINT	
VOR	AWY-HI	-83.74700	10,058 m			
OWOSO	V450	43.01180	33,000 ft	15	-	
FIX	AWY-LO	-84.09910	10,058 m			
LUGGS	V450	43.05470	33,000 ft	15	-	
FIX	AWY-LO	-84.44290	10,058 m			
CUTTY	V450	43.08760	33,000 ft	12	-	
FIX	AWY-LO	-84.71380	10,058 m			
CFCCV	V450	43.10010	33,000 ft	4	-	
FIX	AWY-LO	-84.81800	10,058 m			
PALOW	V450	43.10510	33,000 ft	3	-	
FIX	AWY-LO	-84.89860	10,058 m			
GIBER	V450	43.12160	33,000 ft	12	-	
FIX	AWY-LO	-85.17290	10,058 m			
CLOCK	V450	43.14570	33,000 ft	18	-	
FIX	AWY-LO	-85.59610	10,058 m			
MKG	V450	43.16930	33,000 ft	19	MUSKEGON	
VOR	AWY-LO	-86.03940	10,058 m			
MINNY	V2	43.15380	33,000 ft	38	-	
FIX	AWY-LO	-86.92660	10,058 m			
LYSTR	V2	43.15160	33,000 ft	4	-	
FIX	AWY-LO	-87.02810	10,058 m			
SUDDS	V2	43.14370	33,000 ft	14	-	
FIX	AWY-LO	-87.36500	10,058 m			
PROOT	V2	43.13470	33,000 ft	14	-	
FIX	AWY-LO	-87.70330	10,058 m			
CARNA	V2	43.13040	33,000 ft	6	-	
FIX	AWY-LO	-87.85240	10,058 m			
IRITE	V2	43.12560	33,000 ft	6	-	
FIX	AWY-LO	-88.01150	10,058 m			
BAE	V2	43.11690	33,000 ft	11	BADGER (MILWAUKEE)	
VOR	AWY-LO	-88.28430	10,058 m			
DUTYS	J16	43.13060	33,000 ft	46	-	
FIX	AWY-HI	-89.33500	10,058 m			
SIBER	J16	43.13470	33,000 ft	46	-	
FIX	AWY-HI	-90.39270	10,058 m			
SABBO	J16	43.13150	33,000 ft	34	-	
FIX	AWY-HI	-91.16870	10,058 m			
MCW	J16	43.09480	33,000 ft	94	MASON CITY	
VOR	AWY-HI	-93.32990	10,058 m			
GOOLD	J148	42.95860	33,000 ft	61	-	
FIX	AWY-HI	-94.71420	10,058 m			
ONL	J148	42.47050	33,000 ft	177	O'NEILL	
VOR	AWY-HI	-98.68690	10,058 m			
KURSE	Q122	42.07490	33,000 ft	288	-	

Ident Type		Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-105.16000	10,058 m			
BEARR	Q122	41.53080	33,000 ft	329	-	
FIX	AWY-HI	-112.48800	10,058 m			
LCU	Q122	41.36300	33,000 ft	61	LUCIN	
VOR	AWY-HI	-113.84100	10,058 m			
BAM	J94	40.56910	33,000 ft	147	BATTLE MOUNTAIN	
VOR	AWY-HI	-116.92200	10,058 m			
LLC	J32	40.12530	33,000 ft	80	LOVELOCK	
VOR	AWY-HI	-118.57800	10,058 m			
FMG	J32	39.53130	33,000 ft	61	MUSTANG (RENO)	
VOR	AWY-HI	-119.65600	10,058 m			
VERDI	V200	39.48330	33,000 ft	12	-	
FIX	AWY-LO	-119.91700	10,058 m			
TRUCK	V200	39.43770	33,000 ft	11	-	
FIX	AWY-LO	-120.16200	10,058 m			
SIGNA	V200	39.34710	33,000 ft	22	-	
FIX	AWY-LO	-120.63900	10,058 m			
RANGO	V200	39.25600	33,000 ft	22	-	
FIX	AWY-LO	-121.10800	10,058 m			
MRGGO	V200	39.22230	33,000 ft	8	-	
FIX	AWY-LO	-121.27900	10,058 m			
RAILE	V200	39.18900	33,000 ft	8	-	
FIX	AWY-LO	-121.44600	10,058 m			
YUBBA	V200	39.12380	33,000 ft	15	-	
FIX	AWY-LO	-121.76900	10,058 m			
ILA	V200	39.07120	33,000 ft	12	WILLIAMS	
VOR	AWY-LO	-122.02700	10,058 m			
RUMSY	V301	38.87600	33,000 ft	17	-	
FIX	AWY-LO	-122.30100	10,058 m			
KLOGE	V301	38.61010	33,000 ft	23	-	
FIX	AWY-LO	-122.67000	10,058 m			
STS	V301	38.50820	33,000 ft	9	SANTA ROSA	
VOR	AWY-LO	-122.81100	10,058 m			
FREES	-	38.39400	33,000 ft	8	-	
FIX	-	-122.92600	10,058 m			
BOARS	-	38.22710	33,000 ft	13	-	
FIX	-	-123.12700	10,058 m			
3800N-12400W	-	38.00000	33,000 ft	43	-	
LATLON	-	-124.00000	10,058 m			
BEBOP	-	36.99990	33,000 ft	76	-	
FIX	-	-125.00100	10,058 m			
BAART	R464	36.46190	33,000 ft	98	-	
FIX	AWY-HI	-126.93300	10,058 m			
BARAZ	R464	34.02310	33,000 ft	391	-	
FIX	AWY-HI	-134.34600	10,058 m			
BILLO	R464	31.17830	33,000 ft	390	-	
FIX	AWY-HI	-141.29000	10,058 m			
BEKME	R464	27.89220	33,000 ft	400	-	
FIX	AWY-HI	-147.97000	10,058 m			
BOARD	R464	24.29580	33,000 ft	401	-	
FIX	AWY-HI	-154.25000	10,058 m			
BITTA	R464	23.52800	33,000 ft	81	-	
FIX	AWY-HI	-155.47900	10,058 m			
SOMOH	R464	22.32150	33,000 ft	86	-	
FIX	AWY-HI	-156.34200	10,058 m			
PHNL	-	21.31940	0 ft	106	Honolulu Intl	

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
APT	-	-157.92100 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 160000Z 14004KT 15SM FEW040 BKN057 BKN120 17/12 A2981 RMK CU1SC5AC1 CU TR SLP099 DENSITY ALT 1100FT

TAF

TAF TAF CYYZ 152340Z 1600/1706 15007KT P6SM SCT050 BKN120 TEMPO 1600/1602 BKN040 OVC120 BECMG 1600/1602 34005KT FM

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

PHNL

Region: USA (HAWAII)
Timezone: PACIFIC/HONOLULU
Runways: 4

Elevation: 13 ft / 4 m
Location: 21.319400 -157.921000
Magnetic Var: 9.258 E

METAR

PHNL 152353Z 18010KT 10SM FEW025 SCT045 27/22 A2989

TAF

TAF PHNL 152320Z 1600/1706 19011KT P6SM VCSH FEW020 BKN040 FM160600 19008KT 5SM SHRA BR SCT015 OVC030 FM161700 180

Frequencies

REC - 127.90 MHz - ATIS	TWR - 118.10 MHz - HONOLULU TOWER
TWR - 123.90 MHz - HONOLULU TOWER	GND - 121.90 MHz - HONOLULU GROUND
CLD - 121.40 MHz - CLEARANCE DELIVERY	APP - 118.30 MHz - HCF APPROACH
DEP - 124.80 MHz - HCF DEPARTURE	DEP - 124.80 MHz - HCF DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	150 ft	6,961 ft	52.84	ASPHALT	0 ft	0 ft
	46 m	2,122 m	43.58		0 m	0 m
22R	150 ft	6,961 ft	232.85	ASPHALT	0 ft	0 ft
	46 m	2,122 m	223.59		0 m	0 m
04R	150 ft	9,010 ft	52.85	ASPHALT	0 ft	194 ft
	46 m	2,746 m	43.59		0 m	59 m
22L	150 ft	9,010 ft	232.86	ASPHALT	0 ft	197 ft
	46 m	2,746 m	223.60		0 m	60 m
08R	200 ft	11,987 ft	90.01	ASPHALT	0 ft	558 ft
	61 m	3,654 m	80.75		0 m	170 m
26L	200 ft	11,987 ft	270.02	ASPHALT	0 ft	554 ft
	61 m	3,654 m	260.76		0 m	169 m
08L	150 ft	12,297 ft	90.00	ASPHALT	0 ft	469 ft
	46 m	3,748 m	80.74		0 m	143 m
26R	150 ft	12,297 ft	270.01	ASPHALT	0 ft	696 ft
	46 m	3,748 m	260.75		0 m	212 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IIUM	110.50 MHz	18 nm	-	-	21 ft
				33 km	-		21 m
26L	DME	IEPC	109.10 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
26L	LOC-LOC	IEPC	109.10 MHz	18 nm	304.00	-	13 ft
				33 km	294.74		13 m
04R	GS	IIUM	110.50 MHz	10 nm	52.85	3.00	13 ft
				19 km	43.59		13 m
08L	GS	IHNL	111.70 MHz	10 nm	90.01	3.01	13 ft
				19 km	80.75		13 m