

# CYYZ

Toronto Pearson Intl

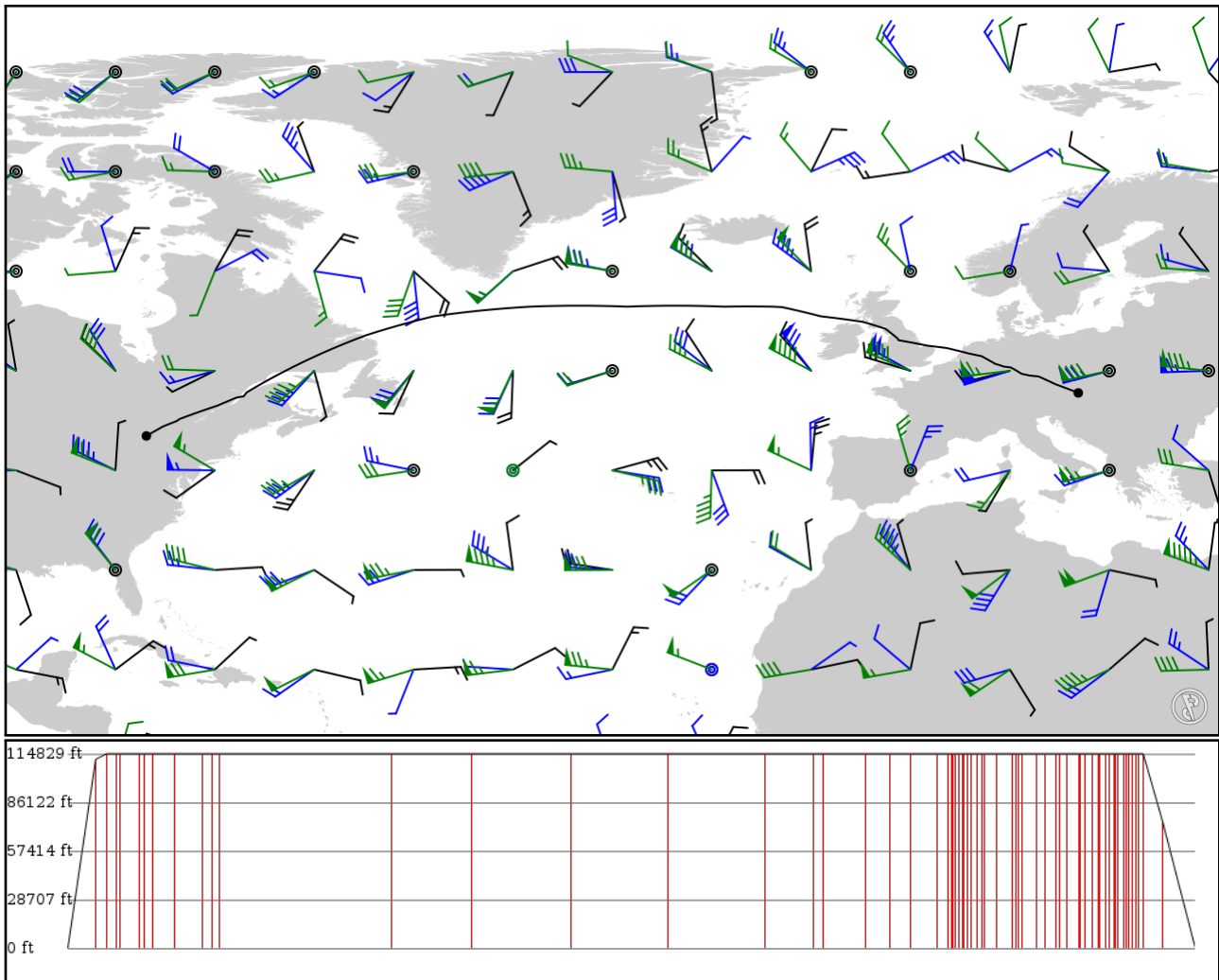
# LOWW

Vienna Intl

2024/05/13 0444Z

CYYZ VIE **V300** CELAR LETAK **Q848** DICEN **J553** ML **R22** RI BAREE **N687A** JANJO T KESIX MIMKU **N562** MAC **UN57**  
POL **N57** DENBY **UL975** DESIG **L603** LAMSO **UL603** GMH **Z841** GETNI ARPEG **Z52** MASEK **UL604** SULUS **UZ650** VEMUT  
**Z37** ABUDO LOWW

3806.88 nm / 7050.35 km



## Notes

Using NAT tracks from 19/9/2019

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
CYYZ APT	-	43.67610 -79.62770	0 ft 0 m	-	Toronto Pearson Intl
VIE VOR	-	44.66080 -77.88810	34,000 ft 10,363 m	95	COEHILL
MAZNA FIX	V300 AWY-LO	44.95400 -77.15710	35,000 ft 10,668 m	35	-
CELAR FIX	V300 AWY-LO	45.23060 -76.44940	35,000 ft 10,668 m	34	-
LETAK FIX	-	45.40220 -76.24600	35,000 ft 10,668 m	13	-
KISUK FIX	Q848 AWY-HI	45.89480 -74.91760	35,000 ft 10,668 m	63	-
VIDGO FIX	Q848 AWY-HI	46.04600 -74.49640	35,000 ft 10,668 m	19	-
LIVBA FIX	Q848 AWY-HI	46.23810 -73.95150	35,000 ft 10,668 m	25	-
DICEN FIX	Q848 AWY-HI	46.80010 -72.28900	35,000 ft 10,668 m	76	-
ML NDB	J553 AWY-HI	47.62340 -70.32440	35,000 ft 10,668 m	94	CHARLEVOIX
RI NDB	R22 AWY-LO	47.76370 -69.57820	35,000 ft 10,668 m	31	RIVIERE-DU-LOUP
BAREE FIX	-	48.14690 -69.30000	35,000 ft 10,668 m	25	-
JANJO FIX	N687A AWY-HI	54.03330 -57.00000	35,000 ft 10,668 m	581	-
56/50 LATLON	T NAT	56.00000 -50.00000	35,000 ft 10,668 m	268	-
57/40 LATLON	T NAT	57.00000 -40.00000	35,000 ft 10,668 m	336	-
57/30 LATLON	T NAT	57.00000 -30.00000	35,000 ft 10,668 m	326	-
57/20 LATLON	T NAT	57.00000 -20.00000	35,000 ft 10,668 m	326	-
SUNOT FIX	T NAT	57.00000 -15.00000	35,000 ft 10,668 m	163	-
KESIX FIX	T NAT	56.95000 -14.00000	35,000 ft 10,668 m	32	-
MIMKU FIX	-	56.00000 -10.00000	35,000 ft 10,668 m	144	-
DONIB FIX	N562 AWY-HI	55.71920 -7.69556	35,000 ft 10,668 m	79	-
MAC VOR	N562 AWY-HI	55.43000 -5.65041	35,000 ft 10,668 m	71	MACHRIHANISH
DCS DME	UN57 AWY-HI	54.72190 -3.34056	35,000 ft 10,668 m	90	DEAN CROSS VOR-DME
IPNOX FIX	UN57 AWY-HI	54.22780 -2.70611	35,000 ft 10,668 m	37	-
OLPOP FIX	UN57 AWY-HI	54.09220 -2.53556	35,000 ft 10,668 m	10	-
SETEL FIX	UN57 AWY-HI	54.01250 -2.43583	35,000 ft 10,668 m	5	-
BAMEP	UN57	53.87830	35,000 ft	9	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-2.26917	10,668 m		
POL	UN57	53.74380	35,000 ft	9	POLE HILL
VOR	AWY-HI	-2.10333	10,668 m		
DENBY	N57	53.52030	35,000 ft	14	-
FIX	AWY-LO	-1.96111	10,668 m		
DESIG	UL975	53.52720	35,000 ft	2	-
FIX	AWY-HI	-1.89278	10,668 m		
ELNOD	L603	53.47390	35,000 ft	11	-
FIX	AWY-HI	-1.59000	10,668 m		
MAMUL	L603	53.41810	35,000 ft	11	-
FIX	AWY-HI	-1.28000	10,668 m		
EDUXO	L603	53.40670	35,000 ft	2	-
FIX	AWY-HI	-1.21694	10,668 m		
LAMIX	L603	53.30810	35,000 ft	20	-
FIX	AWY-HI	-0.68222	10,668 m		
ROGAG	L603	53.23500	35,000 ft	14	-
FIX	AWY-HI	-0.29583	10,668 m		
AMVEL	L603	53.18420	35,000 ft	9	-
FIX	AWY-HI	-0.03194	10,668 m		
DOLAS	L603	52.97860	35,000 ft	39	-
FIX	AWY-HI	1.00083	10,668 m		
ENITO	L603	52.80140	35,000 ft	54	-
FIX	AWY-HI	2.46750	10,668 m		
DIBAL	L603	52.79720	35,000 ft	1	-
FIX	AWY-HI	2.50000	10,668 m		
BUKUT	L603	52.75830	35,000 ft	11	-
FIX	AWY-HI	2.80056	10,668 m		
LAMSO	L603	52.73290	35,000 ft	7	-
FIX	AWY-LO	2.99436	10,668 m		
EVELI	UL603	52.64040	35,000 ft	15	-
FIX	AWY-HI	3.38700	10,668 m		
BASNO	UL603	52.35020	35,000 ft	46	-
FIX	AWY-HI	4.57504	10,668 m		
SUPAM	UL603	52.15560	35,000 ft	30	-
FIX	AWY-HI	5.33722	10,668 m		
SOGPO	UL603	51.96560	35,000 ft	35	-
FIX	AWY-HI	6.25287	10,668 m		
TEBRO	UL603	51.89420	35,000 ft	13	-
FIX	AWY-HI	6.58778	10,668 m		
KOMOT	UL603	51.62860	35,000 ft	24	-
FIX	AWY-HI	7.07417	10,668 m		
GMH	UL603	51.17050	35,000 ft	41	GERMINGHAUSEN
VOR	AWY-HI	7.89204	10,668 m		
GETNI	Z841	51.11830	35,000 ft	3	-
FIX	AWY-HI	7.95472	10,668 m		
ARPEG	-	51.01660	35,000 ft	14	-
FIX	-	8.30634	10,668 m		
OHMAR	Z52	50.82490	35,000 ft	24	-
FIX	AWY-LO	8.88500	10,668 m		
SOPOX	Z52	50.75170	35,000 ft	21	-
FIX	AWY-LO	9.43333	10,668 m		
MASEK	Z52	50.72920	35,000 ft	6	-
FIX	AWY-LO	9.59833	10,668 m		
DEMAB	UL604	50.54110	35,000 ft	17	-
FIX	AWY-HI	9.95583	10,668 m		
ALIBU	UL604	50.37720	35,000 ft	14	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	10.23030	10,668 m		
GORKO	UL604	50.22440	35,000 ft	13	-
FIX	AWY-HI	10.48390	10,668 m		
DIMSU	UL604	50.16690	35,000 ft	5	-
FIX	AWY-HI	10.57860	10,668 m		
SULUS	UL604	50.07520	35,000 ft	7	-
FIX	AWY-HI	10.72880	10,668 m		
TONSU	UZ650	49.96970	35,000 ft	20	-
FIX	AWY-HI	11.22580	10,668 m		
ERETO	UZ650	49.93100	35,000 ft	7	-
FIX	AWY-HI	11.40820	10,668 m		
NOGRA	UZ650	49.88170	35,000 ft	10	-
FIX	AWY-HI	11.67640	10,668 m		
NIKUS	UZ650	49.85360	35,000 ft	12	-
FIX	AWY-HI	11.99250	10,668 m		
TIPAM	UZ650	49.83000	35,000 ft	10	-
FIX	AWY-HI	12.25250	10,668 m		
VEMUT	UZ650	49.81070	35,000 ft	8	-
FIX	AWY-HI	12.46120	10,668 m		
ETVIS	Z37	49.65380	35,000 ft	16	-
FIX	AWY-HI	12.81740	10,668 m		
ABUDO	Z37	48.99650	22,800 ft	68	-
FIX	AWY-HI	14.24010	6,949 m		
LOWW	-	48.11010	0 ft	106	Vienna Intl
APT	-	16.56960	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 130400Z 22010KT 15SM FEW120 BKN150 14/08 A2988 RMK AC1AC5 SLP122

## TAF

TAF CYYZ 130240Z 1303/1406 21012KT P6SM FEW100 BKN160 FM130500 19010KT P6SM FEW160 FM130900 17008KT WS010/21030KT

## 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

## LOWW

Region: AUSTRIA  
Timezone: EUROPE/VIENNA  
Runways: 2

Elevation: 600 ft / 183 m  
Location: 48.110100 16.569600  
Magnetic Var: 5.014 E

## METAR

LOWW 130350Z 13011KT CAVOK 12/02 Q1019 NOSIG

## TAF

TAF LOWW 130215Z 1303/1409 08004KT CAVOK TX21/1315Z TN09/1303Z BECMG 1303/1305 14010KT TEMPO 1308/1314 15015G25K

## Frequencies

REC - 122.95 MHz - ATIS ARRIVAL	REC - 121.72 MHz - ATIS DEPARTURE
TWR - 124.47 MHz - WIEN TOWER	TWR - 123.80 MHz - WIEN TOWER
TWR - 121.20 MHz - WIEN TOWER	TWR - 119.40 MHz - WIEN TOWER
GND - 121.77 MHz - WIEN GROUND	GND - 121.60 MHz - WIEN GROUND
CLD - 122.12 MHz - CLEARANCE DELIVERY	APP - 134.67 MHz - WIEN RADAR
APP - 125.17 MHz - WIEN RADAR	APP - 129.05 MHz - WIEN RADAR
APP - 118.77 MHz - WIEN RADAR	APP - 136.25 MHz - WIEN RADAR
APP - 119.80 MHz - WIEN DIRECTOR	APP - 134.12 MHz - WIEN DIRECTOR
REC - 118.52 MHz - WIEN INFORMATION	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	148 ft	11,822 ft	164.23	ASPHALT	0 ft	197 ft
	45 m	3,604 m	159.21		0 m	60 m
34	148 ft	11,822 ft	344.24	ASPHALT	0 ft	194 ft
	45 m	3,604 m	339.22		0 m	59 m
11	148 ft	11,495 ft	115.99	ASPHALT	0 ft	174 ft
	45 m	3,504 m	110.97		0 m	53 m
29	148 ft	11,495 ft	296.02	ASPHALT	0 ft	187 ft
	45 m	3,504 m	291.00		0 m	57 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	DME	OEW	110.30 MHz	18 nm	-	-	593 ft
				33 km	-		593 m
16	DME	O EZ	108.50 MHz	18 nm	-	-	610 ft
				33 km	-		610 m
29	DME	O EX	109.55 MHz	18 nm	-	-	624 ft
				33 km	-		624 m
34	DME	O EN	108.10 MHz	18 nm	-	-	572 ft
				33 km	-		572 m
11	LOC-ILS	OEW	110.30 MHz	18 nm	116.04	-	600 ft
				33 km	111.02		600 m
16	LOC-ILS	O EZ	108.50 MHz	18 nm	164.25	-	600 ft
				33 km	159.24		600 m
29	LOC-ILS	O EX	109.55 MHz	18 nm	295.98	-	600 ft
				33 km	290.96		600 m
34	LOC-ILS	O EN	108.10 MHz	18 nm	344.21	-	600 ft
				33 km	339.20		600 m



Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	GS	OEW	110.30 MHz	10 nm	116.02	3.10	593 ft
				19 km	111.01		593 m
16	GS	OEZ	108.50 MHz	10 nm	164.47	3.00	610 ft
				19 km	159.46		610 m
29	GS	OEX	109.55 MHz	10 nm	296.02	3.00	624 ft
				19 km	291.01		624 m
34	GS	OEN	108.10 MHz	10 nm	344.47	3.00	604 ft
				19 km	339.46		604 m