

LOWW

Vienna Intl

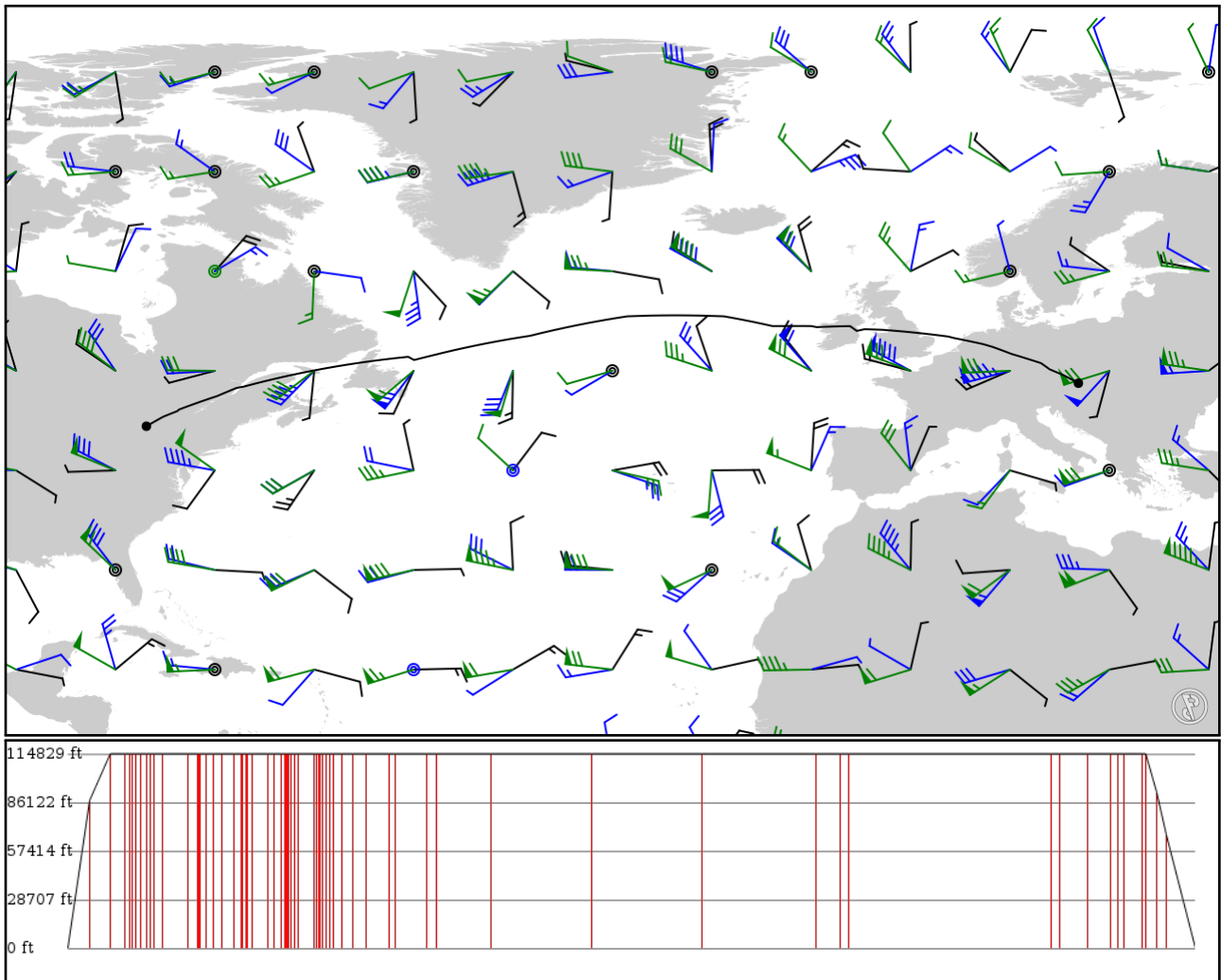
CYYZ

Toronto Pearson Intl

2024/06/14 2219Z

LOWW DITIS **M174** NEPUX **T170** SOPGA **L602** VARIK **UL602** SPY **UY70** RAVLO **Y70** OTBED **L60** PENIL **UL70** BAGSO
V14 DUB **L18** SUROX **Q202** DEVOL 5400N0-1100W BEXET DOGAL A ALLRY UMESI **N384B** YRI **V383** ML **J553** DICEN
Q848 LETAK CELAR **V300** VIE CYYZ

3836.79 nm / 7105.73 km



Notes

Using NAT tracks from 3/9/2020

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
LOWW	-	48.11010	0 ft	-	Vienna Intl
APT	-	16.56960	0 m	-	
DITIS	-	48.89800	26,600 ft	74	-
FIX	-	15.11640	8,108 m	-	-
NEPUX	M174	49.53820	35,000 ft	70	-
FIX	AWY-HI	13.60980	10,668 m	-	-
SOPGA	T170	50.17700	35,000 ft	51	-
FIX	AWY-HI	12.71880	10,668 m	-	-
VARIK	L602	50.29110	35,000 ft	14	-
FIX	AWY-HI	12.38110	10,668 m	-	-
PEROX	UL602	50.34470	35,000 ft	7	-
FIX	AWY-HI	12.19940	10,668 m	-	-
SODRO	UL602	50.46470	35,000 ft	15	-
FIX	AWY-HI	11.82720	10,668 m	-	-
TABAT	UL602	50.55850	35,000 ft	12	-
FIX	AWY-HI	11.53120	10,668 m	-	-
BAMKI	UL602	50.71810	35,000 ft	21	-
FIX	AWY-HI	11.02020	10,668 m	-	-
TAMEB	UL602	50.80780	35,000 ft	12	-
FIX	AWY-HI	10.73000	10,668 m	-	-
ROBEL	UL602	50.89750	35,000 ft	12	-
FIX	AWY-HI	10.43510	10,668 m	-	-
KEMAD	UL602	51.12360	35,000 ft	31	-
FIX	AWY-HI	9.67500	10,668 m	-	-
HMM	UL602	51.85690	35,000 ft	85	HAMM
VOR	AWY-HI	7.70829	10,668 m	-	
REBGU	UL602	52.07360	35,000 ft	30	-
FIX	AWY-HI	6.97056	10,668 m	-	-
RELBI	UL602	52.11830	35,000 ft	6	-
FIX	AWY-HI	6.81361	10,668 m	-	-
RKN	UL602	52.13320	35,000 ft	2	REKKEN VOR-DME
DME	AWY-HI	6.76388	10,668 m	-	
TENLI	UL602	52.24650	35,000 ft	20	-
FIX	AWY-HI	6.25014	10,668 m	-	-
FLEVO	UL602	52.38530	35,000 ft	25	-
FIX	AWY-HI	5.60217	10,668 m	-	-
SPY	UL602	52.54030	35,000 ft	28	SPIJKERBOOR
VOR	AWY-HI	4.85378	10,668 m	-	
MONIL	UY70	52.76080	35,000 ft	42	-
FIX	AWY-HI	3.74664	10,668 m	-	-
RAVLO	UY70	52.91690	35,000 ft	23	-
FIX	AWY-HI	3.14820	10,668 m	-	-
KUBAX	Y70	52.94280	35,000 ft	7	-
FIX	AWY-HI	2.95361	10,668 m	-	-
BEKMO	Y70	52.98610	35,000 ft	12	-
FIX	AWY-HI	2.61944	10,668 m	-	-
SONOL	Y70	53.00140	35,000 ft	4	-
FIX	AWY-HI	2.50000	10,668 m	-	-
BODSO	Y70	53.05220	35,000 ft	14	-
FIX	AWY-HI	2.09472	10,668 m	-	-
SUPEL	Y70	53.22780	35,000 ft	55	-
FIX	AWY-HI	0.59111	10,668 m	-	-
OTBED	Y70	53.28810	35,000 ft	20	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	0.03194	10,668 m		
NISBI	L60	53.35810	35,000 ft	25	-
FIX	AWY-HI	-0.65583	10,668 m		
DOPEK	L60	53.38440	35,000 ft	9	-
FIX	AWY-HI	-0.92556	10,668 m		
ARTIX	L60	53.39500	35,000 ft	4	-
FIX	AWY-HI	-1.03583	10,668 m		
MOGMO	L60	53.41190	35,000 ft	6	-
FIX	AWY-HI	-1.21417	10,668 m		
MAMUL	L60	53.41810	35,000 ft	2	-
FIX	AWY-HI	-1.28000	10,668 m		
ADELU	L60	53.44170	35,000 ft	9	-
FIX	AWY-HI	-1.53694	10,668 m		
BOLBI	L60	53.46670	35,000 ft	9	-
FIX	AWY-HI	-1.81250	10,668 m		
SONEX	L60	53.49810	35,000 ft	13	-
FIX	AWY-HI	-2.17250	10,668 m		
PENIL	L60	53.61580	35,000 ft	53	-
FIX	AWY-HI	-3.66361	10,668 m		
BABRA	UL70	53.62750	35,000 ft	10	-
FIX	AWY-HI	-3.94528	10,668 m		
GIGTO	UL70	53.63360	35,000 ft	5	-
FIX	AWY-HI	-4.09750	10,668 m		
UNDUX	UL70	53.64170	35,000 ft	7	-
FIX	AWY-HI	-4.31083	10,668 m		
SOPAX	UL70	53.64690	35,000 ft	5	-
FIX	AWY-HI	-4.45222	10,668 m		
RAMOX	UL70	53.66030	35,000 ft	13	-
FIX	AWY-HI	-4.83944	10,668 m		
OGTUG	UL70	53.67000	35,000 ft	10	-
FIX	AWY-HI	-5.14722	10,668 m		
BAGSO	UL70	53.68000	35,000 ft	12	-
FIX	AWY-HI	-5.50000	10,668 m		
DUB	V14	53.49940	35,000 ft	30	DUBLIN
VOR	AWY-LO	-6.30711	10,668 m		
SUROX	L18	53.99670	35,000 ft	38	-
FIX	AWY-LO	-6.99347	10,668 m		
ENULA	Q202	53.97250	35,000 ft	44	-
FIX	AWY-LO	-8.26444	10,668 m		
DEVOL	Q202	53.89030	35,000 ft	76	-
FIX	AWY-LO	-10.43420	10,668 m		
5400N0-1100W	-	54.00000	35,000 ft	21	-
LATLON	-	-11.00000	10,668 m		
BEXET	-	54.00000	35,000 ft	105	-
FIX	-	-14.00000	10,668 m		
DOGAL	-	54.00000	35,000 ft	35	-
FIX	-	-15.00000	10,668 m		
55/20	A	55.00000	35,000 ft	184	-
LATLON	NAT	-20.00000	10,668 m		
55/30	A	55.00000	35,000 ft	344	-
LATLON	NAT	-30.00000	10,668 m		
53/40	A	53.00000	35,000 ft	372	-
LATLON	NAT	-40.00000	10,668 m		
51/50	A	51.00000	35,000 ft	388	-
LATLON	NAT	-50.00000	10,668 m		
ALLRY	A	50.50000	35,000 ft	81	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	NAT	-52.00000	10,668 m		
UMESI	-	50.83330	35,000 ft	30	-
FIX	-	-52.60000	10,668 m		
YRI	N384B	47.75650	35,000 ft	688	RIVIERE DU LOUP
VOR	AWY-HI	-69.58870	10,668 m		
ML	V383	47.62340	35,000 ft	30	CHARLEVOIX
NDB	AWY-LO	-70.32440	10,668 m		
DICEN	J553	46.80010	35,000 ft	94	-
FIX	AWY-HI	-72.28900	10,668 m		
LIVBA	Q848	46.23810	35,000 ft	76	-
FIX	AWY-HI	-73.95150	10,668 m		
VIDGO	Q848	46.04600	35,000 ft	25	-
FIX	AWY-HI	-74.49640	10,668 m		
KISUK	Q848	45.89480	35,000 ft	19	-
FIX	AWY-HI	-74.91760	10,668 m		
LETAK	Q848	45.40220	35,000 ft	63	-
FIX	AWY-HI	-76.24600	10,668 m		
CELAR	-	45.23060	35,000 ft	13	-
FIX	-	-76.44940	10,668 m		
MAZNA	V300	44.95400	28,100 ft	34	-
FIX	AWY-LO	-77.15710	8,565 m		
VIE	V300	44.66080	20,400 ft	35	COEHILL
VOR	AWY-LO	-77.88810	6,218 m		
CYYZ	-	43.67610	0 ft	95	Toronto Pearson Intl
APT	-	-79.62770	0 m		

LOWW

Region: AUSTRIA
Timezone: EUROPE/VIENNA
Runways: 2

Elevation: 600 ft / 183 m
Location: 48.110100 16.569600
Magnetic Var: 5.025 E

METAR

LOWW 142150Z 16006KT CAVOK 14/12 Q1014 NOSIG

TAF

TAF LOWW 142015Z 1421/1603 14008KT CAVOK TX25/1513Z TN13/1503Z BECMG 1506/1508 15015G25KT FM151300 29013KT 9999 S

Frequencies

REC - 122.95 MHz - ATIS ARRIVAL
TWR - 124.47 MHz - WIEN TOWER
TWR - 121.20 MHz - WIEN TOWER
GND - 121.77 MHz - WIEN GROUND
CLD - 122.12 MHz - CLEARANCE DELIVERY
APP - 125.17 MHz - WIEN RADAR
APP - 118.77 MHz - WIEN RADAR
APP - 119.80 MHz - WIEN DIRECTOR
REC - 118.52 MHz - WIEN INFORMATION

REC - 121.72 MHz - ATIS DEPARTURE
TWR - 123.80 MHz - WIEN TOWER
TWR - 119.40 MHz - WIEN TOWER
GND - 121.60 MHz - WIEN GROUND
APP - 134.67 MHz - WIEN RADAR
APP - 129.05 MHz - WIEN RADAR
APP - 136.25 MHz - WIEN RADAR
APP - 134.12 MHz - WIEN DIRECTOR

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	159.20		0 m	60 m
34	148 ft	11,822 ft	344.24	ASPHALT	0 ft	194 ft
	45 m	3,604 m	339.21		0 m	59 m
11	148 ft	11,495 ft	115.99	ASPHALT	0 ft	174 ft
	45 m	3,504 m	110.96		0 m	53 m
29	148 ft	11,495 ft	296.02	ASPHALT	0 ft	187 ft
	45 m	3,504 m	290.99		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	111.01		600 m
16	LOC-ILS	O EZ	108.50 MHz	18 nm	164.25	-	600 ft
				33 km	159.23		600 m
29	LOC-ILS	O EX	109.55 MHz	18 nm	295.98	-	600 ft
				33 km	290.95		600 m
34	LOC-ILS	O EN	108.10 MHz	18 nm	344.21	-	600 ft
				33 km	339.19		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	110.99		593 m
16	GS	OEZ	108.50 MHz	10 nm	164.47	3.00	610 ft
				19 km	159.45		610 m
29	GS	OEX	109.55 MHz	10 nm	296.02	3.00	624 ft
				19 km	290.99		624 m
34	GS	OEN	108.10 MHz	10 nm	344.47	3.00	604 ft
				19 km	339.45		604 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 142200Z 33014G22KT 15SM SCT058 23/10 A2993 RMK CU3 SLP137 DENSITY ALT 1700FT

TAF

TAF CYYZ 142044Z 1421/1524 35010G20KT P6SM SCT040 TEMPO 1421/1424 P6SM -SHRA BKN040 BECMG 1421/1422 35015G25KT FM

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