

LSZH

Zurich

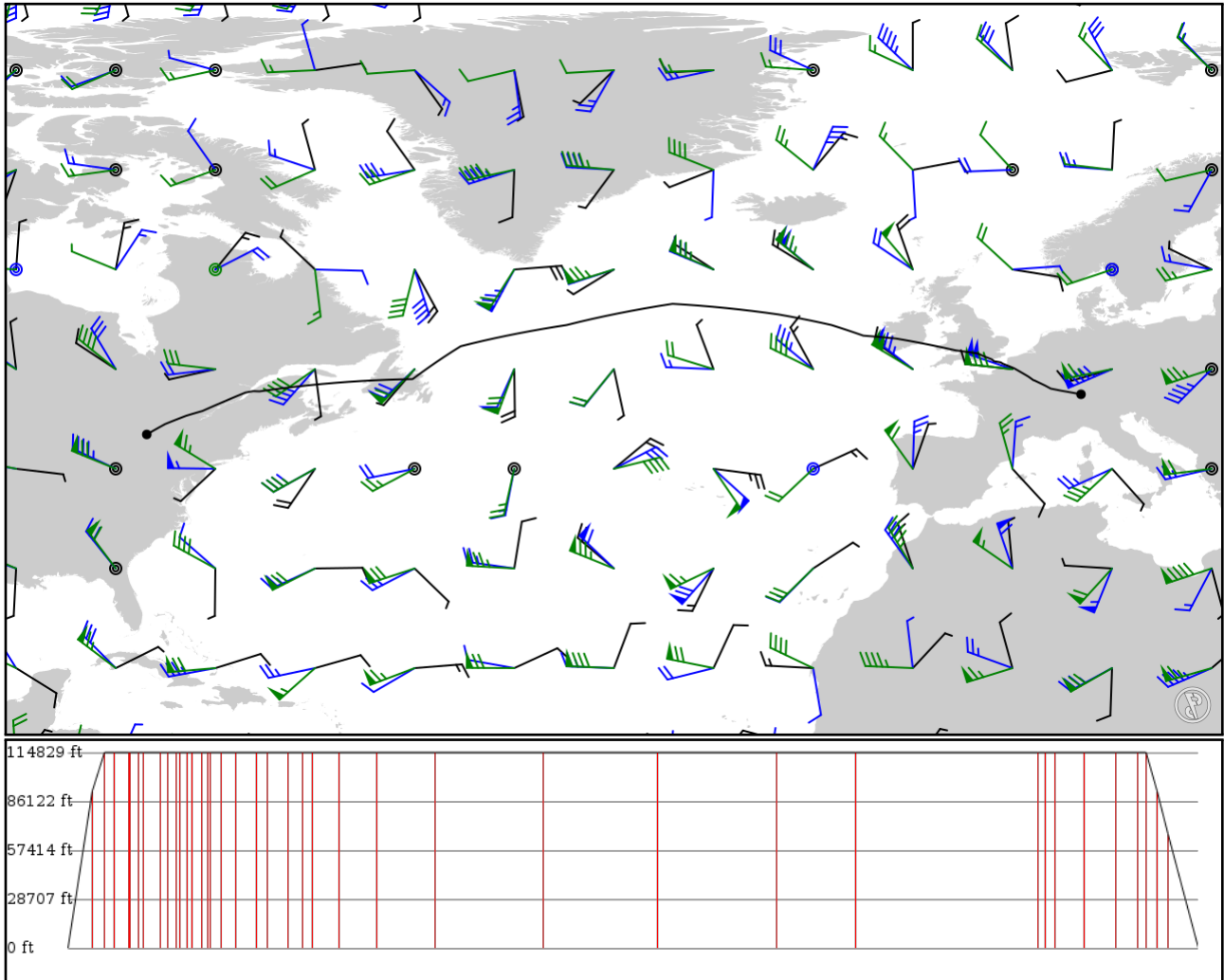
CYYZ

Toronto Lester B Pearson Intl

2024/05/07 0557Z

LSZH TIRSO **UM606** PILON **UG42** BUBLI VATRI **G40** CTL **UL48** DIDOR **UT420** NITAR **UT427** GUBAR **T27** GURLU **Y8**
WAFFU **UM605** SFD **R803** MID **UL18** NIGIT **Y3** NUMPO **UP2** STU **L9** ABAGU **UL9** BURAK **UM140** DOGAL
+55.000_--20.000 **G** +56.000_--30.000 **A** +52.000_--50.000 5250N **5E52** YQX **N85A** CEFU RI **R22** ML **J553**
DICEN **V318** YMX **J546** YOW **V300** VIE CYYZ

3612.96 nm / 6691.20 km



Notes

Using NAT tracks from 10/6/2017

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
LSZH	-	47.46349	0 ft	-	Zurich
APT	-	8.54996	0 m		
TIRSO	-	47.80611	28,100 ft	78	-
FIX	-	6.67083	8,565 m		
PILON	UM606	48.00194	35,000 ft	41	-
FIX	AWY-HI	5.69194	10,668 m		
LUVAL	UG42	48.29389	35,000 ft	27	-
FIX	AWY-HI	5.15361	10,668 m		
BUBLI	UG42	48.77167	35,000 ft	49	-
FIX	AWY-HI	4.15000	10,668 m		
VATRI	-	48.79333	35,000 ft	3	-
FIX	-	4.05833	10,668 m		
CTL	G40	49.13775	35,000 ft	28	CHATILLON SUR MARNE VOR-DME
VOR	AWY-LO	3.57769	10,668 m		
DIDOR	UL48	49.31361	35,000 ft	15	-
FIX	AWY-HI	3.28194	10,668 m		
NITAR	UT420	49.92000	35,000 ft	54	-
FIX	AWY-HI	2.23639	10,668 m		
ABUDA	UT427	50.11639	35,000 ft	21	-
FIX	AWY-HI	1.75750	10,668 m		
GUBAR	UT427	50.36028	35,000 ft	27	-
FIX	AWY-HI	1.15056	10,668 m		
GURLU	T27	50.47778	35,000 ft	9	-
FIX	AWY-LO	0.96861	10,668 m		
WAFFU	Y8	50.58250	35,000 ft	24	-
FIX	AWY-LO	0.34972	10,668 m		
SFD	UM605	50.76056	35,000 ft	13	SEAFORD VOR-DME
VOR	AWY-HI	0.12194	10,668 m		
MID	R803	51.05389	35,000 ft	33	MIDHURST VOR-DME
VOR	AWY-LO	-0.62500	10,668 m		
VAPID	UL18	51.25389	35,000 ft	19	-
FIX	AWY-HI	-1.04500	10,668 m		
NIGIT	UL18	51.31306	35,000 ft	5	-
FIX	AWY-HI	-1.17083	10,668 m		
OKESI	Y3	51.44333	35,000 ft	34	-
FIX	AWY-LO	-2.06167	10,668 m		
NUMPO	Y3	51.61000	35,000 ft	46	-
FIX	AWY-LO	-3.28361	10,668 m		
STU	UP2	51.99472	35,000 ft	69	STRUMBLE VOR-DME
VOR	AWY-HI	-5.04028	10,668 m		
SLANY	L9	52.15861	35,000 ft	31	-
FIX	AWY-LO	-5.84222	10,668 m		
ABAGU	L9	52.50333	35,000 ft	69	-
FIX	AWY-LO	-7.64667	10,668 m		
SHA	UL9	52.72101	35,000 ft	47	SHANNON VOR-DME
VOR	AWY-HI	-8.88521	10,668 m		
UNBEG	UL9	52.80500	35,000 ft	31	-
FIX	AWY-HI	-9.73000	10,668 m		
BURAK	UL9	53.00000	35,000 ft	83	-
FIX	AWY-HI	-12.00000	10,668 m		
DOGAL	UM140	54.00000	35,000 ft	122	-
FIX	AWY-HI	-15.00000	10,668 m		
+55.000_--20.000	-	55.00000	35,000 ft	184	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-20.00000	10,668 m		
+56.000_--30.000	G	56.00000	35,000 ft	345	-
LATLON	NAT	-30.00000	10,668 m		
+54.000_--40.000	A	54.00000	35,000 ft	364	-
LATLON	NAT	-40.00000	10,668 m		
+52.000_--50.000	A	52.00000	35,000 ft	380	-
LATLON	NAT	-50.00000	10,668 m		
5250N	-	52.00000	35,000 ft	0	-
FIX	-	-50.00000	10,668 m		
YQX	5E52	48.89958	35,000 ft	254	GANDER VOR-DME
VOR	AWY-LO	-54.53500	10,668 m		
CEFOU	N85A	47.73722	35,000 ft	581	-
FIX	AWY-HI	-69.00000	10,668 m		
RI	-	47.76364	35,000 ft	23	RIVIERE-DU-LOUP NDB
NDB	-	-69.57811	10,668 m		
ML	R22	47.62333	35,000 ft	31	CHARLEVOIX NDB
NDB	AWY-LO	-70.32500	10,668 m		
DICEN	J553	46.80008	35,000 ft	94	-
FIX	AWY-HI	-72.28894	10,668 m		
YMX	V318	45.88833	35,000 ft	102	-
VOR	AWY-LO	-74.37567	10,668 m		
YOW	J546	45.44165	35,000 ft	69	-
VOR	AWY-HI	-75.89696	10,668 m		
CELAR	V300	45.23056	35,000 ft	26	-
FIX	AWY-LO	-76.44944	10,668 m		
MAZNA	V300	44.95417	28,100 ft	34	-
FIX	AWY-LO	-77.15694	8,565 m		
VIE	V300	44.66088	20,400 ft	35	-
VOR	AWY-LO	-77.88807	6,218 m		
CYYZ	-	43.67613	0 ft	95	Toronto Lester B Pearson Intl
APT	-	-79.62767	0 m		

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.124 E

METAR

LSZH 070520Z 15002KT 9999 FEW036 SCT050 BKN055 10/10 Q1015 TEMPO RA

TAF

TAF LSZH 070225Z 0703/0809 VRB02KT 9999 SCT025 BKN030 TX12/0714Z TN10/0704Z TN09/0804Z TEMPO 0703/0710 RA BKN014

Frequencies

REC - 125.72 MHz - ATIS	GND - 121.90 MHz - ZURICH GROUND
GND - 118.15 MHz - ZURICH GROUND	GND - 119.75 MHz - ZURICH GROUND
GND - 121.75 MHz - ZURICH APRON	GND - 121.70 MHz - ZURICH APRON
GND - 121.85 MHz - ZURICH APRON	GND - 121.97 MHz - ZURICH APRON
TWR - 118.10 MHz - ZURICH TOWER	TWR - 120.22 MHz - ZURICH TOWER
TWR - 119.70 MHz - ZURICH TOWER	APP - 118.00 MHz - ZURICH ARRIVAL
APP - 135.22 MHz - ZURICH APPROACH	APP - 125.32 MHz - ZURICH FINAL
APP - 120.75 MHz - ZURICH FINAL	DEP - 125.95 MHz - ZURICH DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	12,181 ft	155.03	CONCRETE	0 ft	62 ft
	60 m	3,713 m	151.91		0 m	19 m
34	197 ft	12,181 ft	335.05	CONCRETE	1,542 ft	49 ft
	60 m	3,713 m	331.92		470 m	15 m
14	197 ft	10,816 ft	137.29	CONCRETE	492 ft	75 ft
	60 m	3,297 m	134.17		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.19		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.87		0 m	19 m
28	197 ft	8,196 ft	276.02	CONCRETE	0 ft	276 ft
	60 m	2,498 m	272.89		0 m	84 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm	-	-	1,460 ft
				33 km	-		1,460 m
16	DME	IZH	110.50 MHz	18 nm	-	-	1,400 ft
				33 km	-		1,400 m
28	DME	IZW	109.75 MHz	18 nm	-	-	1,416 ft
				33 km	-		1,416 m
34	DME	IZS	110.75 MHz	18 nm	-	-	1,410 ft
				33 km	-		1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm	137.31	-	1,417 ft
				33 km	134.19		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.93		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.89		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm	335.06	-	1,417 ft
				33 km	331.94		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.19		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.93		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.89		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.94		1,417 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 070500Z 33008KT 15SM SKC 10/01 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