

LESTER B PEARSON INTERNATIONAL

CYYZ

Elevation : 569 ft

Toronto, Canada

[Airport Website](#)

Airport Overview

Lester B Pearson is the main international gateway to Toronto, Ontario. The airfield is comprised of 10 individually numbered runways (5 runway surfaces). Each runway is equipped with a precision approach at the time of this briefing. The climate in the area is temperate in nature. Hazardous freezing rain and fog are prevalent during the winter months, and an average of 2 thunderstorms per day occur during the summer. The topography of the area is flat, yet highly developed. The most prevalent hazard pertaining to obstacles are the numerous towers and buildings in the area. There is a major highway junction adjacent to the runway environment located on the east side of the field. Toronto is a hot bed for the arts in Canada hosting numerous theater companies as well as a large number of Canada’s film and television studios. The city also plays host to the Toronto Stock Exchange and the headquarters of Canada’s leading five banking institutions.



Longest Runway	Lowest Published Approach Minimums
<p>RWY 05/ 23:</p> <p>11,100 ft</p>	<p>ILS RWY 06L:</p> <p>735 ft (200) RVR 26 or ½ mi</p>

LESTER B PEARSON INTERNATIONAL

CYYZ

Elevation : 569 ft

Toronto, Canada

Runway	Surface	Light System	Runway Length	Runway Width	LDA	TDZE
05	asphalt	HIRL, CL, ALSF-II, TDZ,	11,120	200	THR: 10,640' BYND G/S: 9871'	564'
23	asphalt	HIRL, CL, SSALR, PAPI-L	11,120	200	THR: 10,089' BYND G/S: 9257'	557'
15R	asphalt	HIRL, SSALR, PAPI-R	9088	197	THR: 8500' BYND G/S: 7449'	552'
33L	asphalt	HIRL,SSALR, PAPI-L	9088	197	THR: 85490' BYND G/S: 7490'	546'
15L	asphalt	HIRL, CL, SSALR, PAPI-L	11050	200	THR: 10,886' BYND G/S: 10,249'	557'
33R	asphalt	HIRL, CL, SSALR, PAPI-L	11050	200	THR: N/A BYND G/S: 10,120'	544'
06L	asphalt	HIRL, CL, ALSF-II, TDZ,	9697	197	THR: N/A BYND G/S: 8690'	529'
24R	asphalt	HIRL, CL, SSALS, REIL,	9697	197	THR:9392' BYND G/S: 8320'	546'
06R	asphalt	HIRL, CL, SSALR, PAPI-L	9000	197	THR: N/A BYND G/S: 7853'	525'
24L	asphalt	HIRL, CL, SSALR, PAPI-L	9000	197	THR:8898' BYND G/S: 7819'	547'

Approach Review

05	23	06L	06R
ILS, RNAV X, Y, Z	ILS, RNAV X, Y, Z	ILS, RNAV X, Z	ILS, RNAV X, Z
15L	15R	24L	24R
ILS, RNAV Z	ILS, RNAV Z	ILS, RNAV X, Z	ILS, RNAV X, Z
33R	33L		
ILS, RNAV Z	ILS, RNAV Z		

Terrain/Obstacles

- Several towers surrounding the airfield in all quadrants. The largest in the immediate vicinity is 2,055 ft tall, located 11nm SE of the airfield along the shores of Lake Ontario.



LESTER B PEARSON INTERNATIONAL

CYYZ

Elevation : 569 ft

Toronto, Canada

ATC

TOWER:

Yes

No

Notes:

ARFF: CAT 9

Hotspots: 8 indicated HS. See Airport Diagram for information.

Airport Remarks

- Construction at airport Spring/Summer 2023
- Caution—High incursion risk airport particularly when exiting Rwy 06R/24L. There is no parallel taxiway between 06L/24R and 06R/24L. Review Airport Diagram and Hot Spot information.
- Airport is extremely noise sensitive. Review noise abatement procedures.
- Class C airspace overlies airport.
- Circle to land minimums aren't published.
- Low visibility procedures for ground operations exist.
- Pilots to open/close VFR Flt Pln with London FIC via phone or London rdo 123.275 when practicable.
- PAPI for aircraft with eye-to-wheel height up to 45 feet.
- SSALR: High Intensity Approach Lighting System with Runway Alignment Indicator Lights
- Pilots must keep their transponder on at all times when maneuvering on the airport, turned on prior to brake release and on arrival, on until final engine shutdown. Pilots that do not have a transponder code issued by ATC must squawk 1000 when taxiing.

Safety Factors

Obstacles/ Towers
 Multiple Parallel Runways
 Freezing rain/fog/ Winter Operations
 Congested Airspace
 Non Standard/ International procedures (US Operators)
 Wider than standard RWY width
 Simultaneous Approach Procedures
 Complex Taxiway/ Runway Layout– Incursions Frequent
 Multiple Hotspots
 At least one runway may not be grooved

Climate Data

Freezing Rain averages two days every month during the winter months (Nov.-March). On average there are 15 low visibility days per month or half the time. Fog averages 13 days per month. There are a large number of smokey/hazy days during the summer months. Averaging 10 per month from May– Sept. Pilots may expect overcast skies predominantly November through May.

LESTER B PEARSON INTERNATIONAL

CYYZ

Elevation : 569 ft

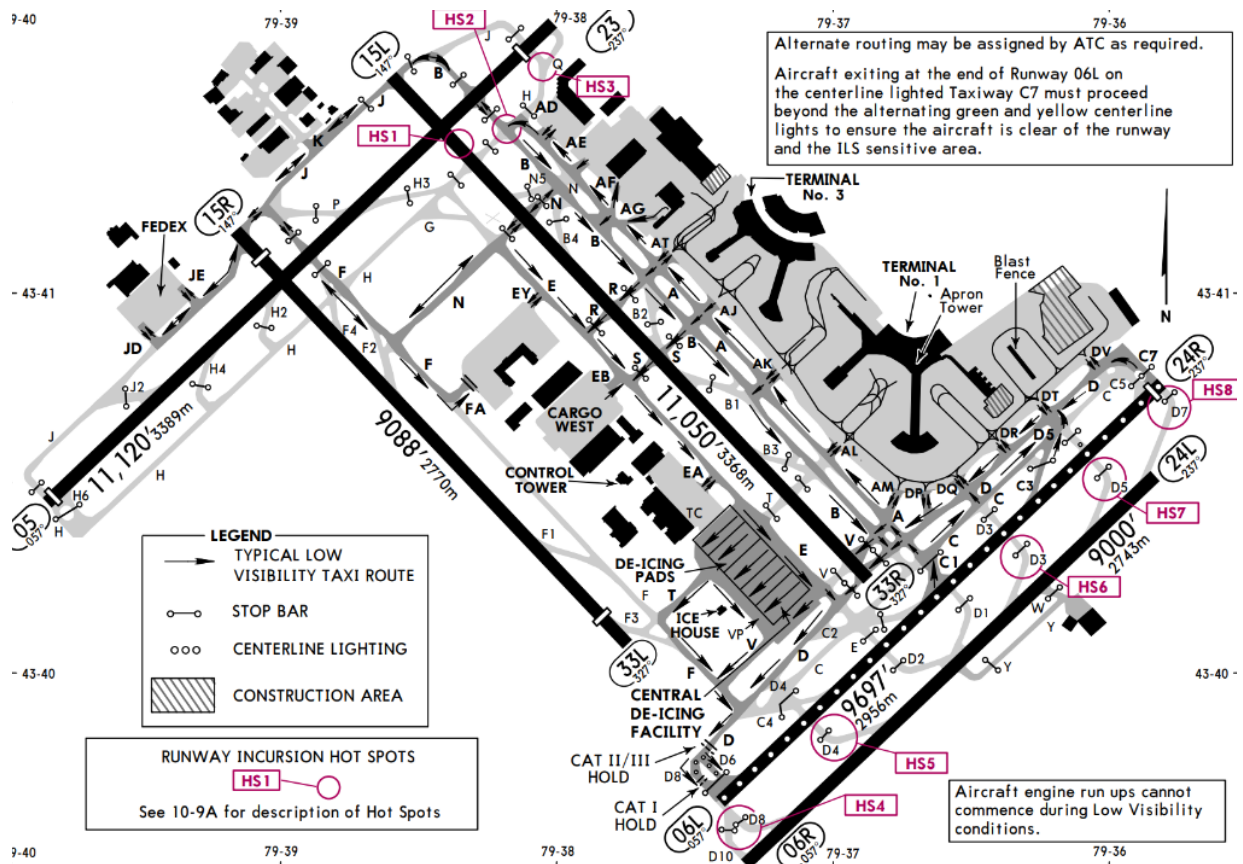
Toronto, Canada

Accident/incident History

A search of Domestic Databases and International Databases resulted in several significant returns. The commonality of majority of the reports was runway incursions resulting in go-arounds and in the most severe case a collision between a fuel truck and a loaded DHC-8. This highlights the need for appropriate briefings between crew members, familiarization with taxiways and runways, as well as a willingness to ask for clarification from ATC to prevent any further incidents. Helicopter operators should be extremely cautious in the vicinity as IMC is frequently a hazard at CYYZ and at least one incident report involved a CFIT event pertaining to a helicopter inadvertently entering IMC conditions.

Nearby VOR's

- WT- Waterloo 115.00
- YYZ- Toronto 112.15
- YTP- Toronto Lester Pearson 116.55
- YMS- Mans 114.50



LESTER B PEARSON INTERNATIONAL

CYYZ

Elevation : 569 ft

Toronto, Canada



Risk Analysis

Hazard	(Optional) Mitigations—Please fill in your own company mitigations
Obstacles/ Towers	
Multiple Parallel Runways	
Simultaneous Approaches	
Freezing Rain/ Fog/ Winter Ops	
Congested Airspace	
Non Standard Ops/ Intl ops (US operators)	
Wider than Standard RWY	
Complex Taxiway/ RWY Layout/ Hotspots	
At least one runway may not be grooved	