

SID (VECTOR)

TORONTO/LESTER B. PEARSON INTL

TORONTO ON

AVRO FIVE DEP (AVRO 5.)

ATIS 120.825
CLNC DEL 121.3
GND 118.0 119.1 121.9 121.65
TORONTO TWR 118.7 118.35
DEP 128.8 127.575

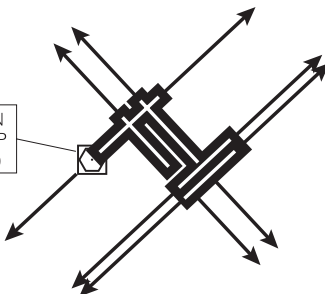
UNLESS OTHERWISE ASSIGNED BY ATC:
JET ACFT MAINTAIN 5000' ASL.
NON-JET ACFT MAINTAIN 3000' ASL.

DO NOT EXCEED 250 KT
 UNTIL ABOVE 10,000' ASL.

TURBO-JET/FAN AIRCRAFT ONLY	
RWY	VNAP
ALL RWYS	* A or B

* (see CAP GEN NOISE ABATEMENT PROCEDURES)

PEARSON
 116.55 YTP
 Ch 112(Y)
 N43 40.30
 W79 39.85



CAUTION: RWY05,06L,06R,24L,24R,23 DEPARTURES: Simultaneous parallel departures in use

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

Chart not to scale

DEPARTURE ROUTE DESCRIPTION

Unless otherwise assigned by ATC:

Rwys 05, 06L, 06R, 23, 24L, 24R, 33L, 33R: Climb Rwy hdg or as assigned for vectors to assigned route. Jet Acft maintain 5000' ASL. Non-Jet Acft maintain 3000' ASL.

Rwy 15L: Requires minimum climb gradient of 400 ft/NM to 3000' ASL. Maintain Rwy hdg for vectors to assigned route. Cross YTP 7.9 DME at or above 3000' ASL. Jet Acft maintain 5000' ASL. Non-Jet Acft maintain 3000' ASL.

Rwy 15R: Requires minimum climb gradient of 380 ft/NM to 3000' ASL. Maintain Rwy hdg for vectors to assigned route. Cross YTP 7.9 DME at or above 3000' ASL. Jet Acft maintain 5000' ASL. Non-Jet Acft maintain 3000' ASL.

NOTE:

Jet aircraft for noise abatement no unauthorized turns below 3600' ASL, except as described in Noise Abatement Procedures Section D. 1 d). Non-Jet aircraft commence turn assigned at take-off at 1100' ASL (0700-2300 local time). Non-Jet aircraft for noise abatement no unauthorized turns below 3600' ASL (2301-0659 local time).

COMMUNICATIONS FAILURE

On recognition of a failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Transponder Mode A/3 7600;
2. Beyond 10 DME YTP proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight plan altitude.

AVRO FIVE DEP (AVRO 5.)

TORONTO ON
 TORONTO/LESTER B. PEARSON INTL

SID (VECTOR)
DOUGLAS THREE DEP (DOUG 3.)

TORONTO/LESTER B. PEARSON INTL
TORONTO ON

ATIS 120.825
CLNC DEL 121.3
GND 118.0 119.1 121.9 121.65
TORONTO TWR 118.7 118.35
DEP 128.8 127.575

**UNLESS OTHERWISE
ASSIGNED BY ATC:
JET ACFT MAINTAIN 5000' ASL.
NON-JET MAINTAIN 3000' ASL.**

DO NOT EXCEED 250 KT
UNTIL ABOVE 10,000' ASL.

TURBO-JET/FAN AIRCRAFT ONLY	
RWY	VNAP
ALL RWYS	*A or B

* (see CAP GEN NOISE ABATEMENT
PROCEDURES)

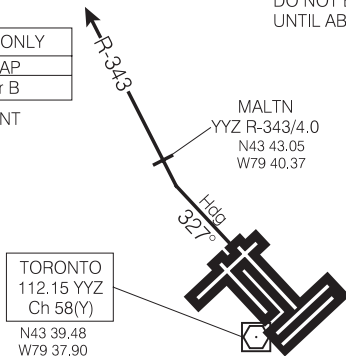


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DEPARTURE ROUTE DESCRIPTION

Unless otherwise assigned by ATC:

Rwy 33R: Climb hdg (327°) to intercept YYZ R-343 outbound. Track
YYZ R-343 outbound for vectors to assigned route.
Maintain: 5000' ASL JET ACFT , 3000' ASL NON-JET ACFT.

NOTE:

Rwy 33R departure: for noise abatement no unauthorized turns below 3600' ASL
nor prior to MALTN INTXN.

Non-jet aircraft commence turn assigned at take-off at 1100' ASL (0700-2300 local).

COMMUNICATIONS FAILURE

On recognition of a failure 20 minutes or less after take-off and in IFR weather
conditions proceed as follows:

1. Transponder Mode A/3 7600;
2. Beyond 10 DME YYZ proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition
of failure, then;
4. Climb to flight plan altitude.

SID (VECTOR)

LESTER SEVEN DEP (LEST 7.)

TORONTO/LESTER B. PEARSON INTL

TORONTO ON

ATIS 120.825

CLNC DEL 121.3

GND 118.0 119.1 121.9 121.65

TORONTO TWR 118.7 118.35

DEP 128.8 127.575

UNLESS OTHERWISE

ASSIGNED BY ATC:

JET ACFT MAINTAIN 5000' ASL.

NON-JET ACFT MAINTAIN 3000' ASL.

DO NOT EXCEED 250 KT
UNTIL ABOVE 10,000' ASL.

CAUTION:

RWY 05. 06L. 06R. 24L. 24R. 23 DEPARTURES:

Simultaneous parallel departures in use.

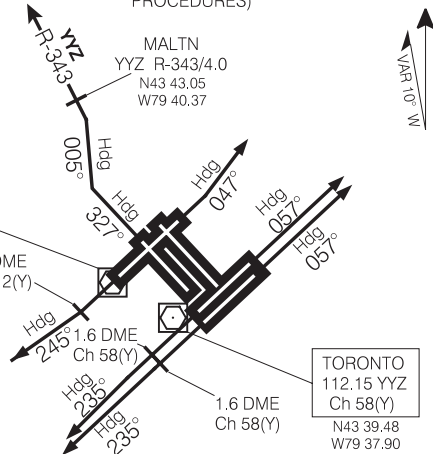
Chart not to scale

PEARSON
116.55 YTP
Ch 112(Y)
N43 40.30
W79 39.85

1.9 DME
Ch 112(Y)-

TURBO-JET/FAN AIRCRAFT ONLY	
RWY	VNAP
ALL RWYS	* A or B

* (see CAP GEN NOISE ABATEMENT PROCEDURES)



TORONTO
112.15 YYZ
Ch 58(Y)
N43 39.48
W79 37.90

DEPARTURE ROUTE DESCRIPTION

Unless otherwise assigned by ATC:

Rwy 05: Climb hdg 057°. At 1000' ASL turn left hdg 047° or assigned hdg for vectors to assigned route. Maintain: 5000' ASL jet acft, 3000' ASL non-jet acft.

Rwy 06L: Climb hdg 057° or assigned hdg for vectors to assigned route. Maintain: 5000' ASL iet acft , 3000' ASL non-iet acft.

Rwy 06R: Climb hdg 057° or assigned hdg for vectors to assigned route. Maintain: 5000' ASL jet acft, 3000' ASL non-jet acft.

Rwy 24L: Climb hdg 237°. At 1.6 DME Ch 58(Y) turn left hdg 235° or assigned hdg for vectors to assigned route. Maintain: 5000' ASL jet acft, 3000' ASL non-jet acft.

Rwy 24R: Climb hdg 237°. At 1.6 DME Ch 58(Y) turn left hdg 235° or assigned hdg for vectors to assigned route. Maintain: 5000' ASL jet acft, 3000' ASL non-jet acft.

Rwy 23: Climb hdg 237°. At 1.9 DME Ch 112(Y) turn right hdg 245° or assigned hdg for vectors to assigned route. Maintain; 5000' ASL jet acft. 3000' ASL non-jet acft.

Rwy 33L: Climb rwy hdg 327° to 1100' ASL. Turn right hdg 005° to intercept YYZ R-343 outbound. Track YYZ R-343 outbound for vectors to assigned route. Maintain: 5000' ASL jet acft , 3000' ASL non-jet acft.

NOTE:

Rwys 05, 06L, 06R, 23, 24L, 24R departures: for noise abatement no unauthorized turns below 3600' ASL, except as described in Noise Abatement Procedures Section D. 1 d).

Rwy 33L departure: for noise abatement no unauthorized turns below 3600' ASL nor prior to MALTN INTXN. Non-jet aircraft commence turn assigned at take-off at 1100' ASL (0700-2300 local).

COMMUNICATIONS FAILURE

On recognition of a failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Transponder Mode A/3 7600;
2. Beyond 10 DME YY proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight plan altitude.

LESTER SEVEN DEP (LEST 7.)

TORONTO/LESTER B. PEARSON INTL

EFF 27 AUG 09

CHANGE: COMM. operational note

NAD83

NAD83

SID (VECTOR)

PEARSON NINE DEP (PEAR 9.)TORONTO/LESTER B. PEARSON INTL
TORONTO ON

ATIS 120.825
CLNC DEL 121.3
GND 118.0 119.1 121.9 121.65
TORONTO TWR 118.7 118.35
DEP 128.8 127.575

UNLESS OTHERWISE ASSIGNED BY ATC:
 JET ACFT MAINTAIN 5000' ASL.
 NON-JET ACFT MAINTAIN 3000' ASL.

DO NOT EXCEED 250 KT
 UNTIL ABOVE 10,000' ASL.

CAUTION: Simultaneous parallel
 departures may be in use.

This SID depends on
 Pilot NAV.

GROUND SPEED	90	120	140	160	180	200	250	300
380 FT/NM	570	760	890	1020	1140	1270	1590	1900
400 FT/NM	600	800	940	1070	1200	1340	1670	2000

TURBO-JET/FAN AIRCRAFT ONLY	
RWY	VNAP
ALL RWYS	* A or B

* (see CAP GEN NOISE ABATEMENT
 PROCEDURES)

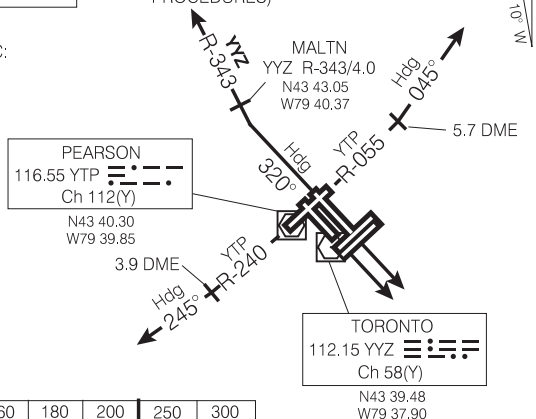


Chart not to scale

DEPARTURE ROUTE DESCRIPTION

Unless otherwise assigned by ATC:

- Rwy 05:** Intercept and maintain YTP R-055 outbound. At 5.7 DME fly hdg 045° or assigned hdg for vectors to assigned route. Climb to and maintain: 5000' ASL jet act, 3000' ASL non-jet act.
- Rwy 15L:** Requires minimum climb gradient of 400 ft/NM to 3000' ASL. Maintain Rwy hdg for vectors to assigned route. Cross YTP 7.9 DME at or above 3000' ASL. Jet Act maintain 5000' ASL. Non-Jet Act maintain 3000' ASL.
- Rwy 15R:** Requires minimum climb gradient of 380 ft/NM to 3000' ASL. Maintain Rwy hdg for vectors to assigned route. Cross YTP 7.9 DME at or above 3000' ASL. Jet Act maintain 5000' ASL. Non-Jet Act maintain 3000' ASL.
- Rwy 23:** Climb straight ahead until passing YTP. Then intercept and maintain YTP R-240 outbound. At 3.9 DME fly hdg 245° or assigned hdg for vectors to assigned route. Climb to and maintain: 5000' ASL jet act, 3000' ASL non-jet act.
- Rwy 33R:** Climb rwy hdg to 1100' ASL. Turn left hdg 320° to intercept YYZ R-343 outbound. Maintain YYZ R-343 outbound for vectors to assigned route. Climb to and maintain: 5000' ASL jet act, 3000' ASL non-jet act.

NOTE:

Rwys 05, 15L, 15R, 23 departures: for noise abatement no unauthorized turns below 3600' ASL, except as described in Noise Abatement Procedures Section D. 1 d).
 Non-jet aircraft commence turn assigned at take-off at 1100' ASL (0700-2300 local).
 Rwy 33R departure: for noise abatement no unauthorized turns below 3600' ASL nor prior to MALTN INTXN.

COMMUNICATIONS FAILURE

On recognition of a failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Transponder Mode A/3 7600;
2. Beyond 10 DME YTP proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight plan altitude.

PEARSON NINE DEP (PEAR 9.)TORONTO ON
TORONTO/LESTER B. PEARSON INTL

SID (VECTOR)

WINDY ONE DEP (WNDY 1.)

TORONTO/LESTER B. PEARSON INTL
TORONTO ON

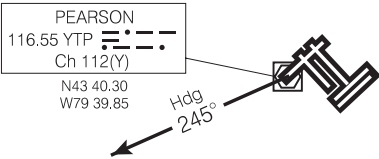
ATIS	120.825			
CLNC DEL	121.3			
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TORONTO TWR	118.7	118.35		
DEP	128.8	127.575		

TURBO-JET/FAN AIRCRAFT ONLY	
RWY	VNAP
ALL RWYS	* A or B

* (see CAP GEN NOISE ABATEMENT PROCEDURES)

UNLESS OTHERWISE ASSIGNED BY ATC:
JET ACFT MAINTAIN 5000' ASL.
NON-JET ACFT MAINTAIN 3000' ASL.

DO NOT EXCEED 250 KT
UNTIL ABOVE 10,000' ASL.



CAUTION: Simultaneous parallel departures may be in use.

Chart not to scale

DEPARTURE ROUTE DESCRIPTION

Unless otherwise assigned by ATC:

Rwy 23: Climb rwy hdg. At 1100' ASL turn right hdg 245° or assigned hdg for radar vectors to assigned route. Jet acft maintain 5000' ASL. Non-jet acft maintain 3000' ASL.

NOTE:
Jet acft for noise abatement no unauthorized turns below 3600' ASL, except as described in Noise Abatement Procedures, section D. 1d). Non-jet aircraft commence turn assigned at take-off at 1100' ASL (0700-2300 local time). Non-jet aircraft for noise abatement no unauthorized turns below 3600' ASL (2301-0659 local time).

COMMUNICATIONS FAILURE

On recognition of a failure 20 minutes or less after take-off and in IFR weather conditions proceed as follows:

1. Transponder Mode A/3 7600;
2. Beyond 10 DME YTP proceed directly on course;
3. Do not climb above last assigned altitude for 5 minutes after recognition of failure, then;
4. Climb to flight plan altitude.

WINDY ONE DEP (WNDY 1.)

TORONTO ON
TORONTO/LESTER B. PEARSON INTL

NOISE OPERATING RESTRICTIONS

NOISE OPERATING RESTRICTIONS AND NOISE ABATEMENT PROCEDURES

A. GENERAL

Pursuant to CAR 602.105 and CAR 602.106, Noise Operating Restrictions and Noise Abatement Procedures apply, at Toronto/Lester B. Pearson Intl Airport, to all IFR and VFR Aircraft, unless otherwise specified.

B. NOISE OPERATING RESTRICTIONS

1. RESTRICTIONS:

- a) Subject to paragraph d) or e), arrivals and departures of all aircraft are restricted as per the table below:

Aircraft	Restricted Hours - local time
Noise certification or type	Arrivals & Departures
All non-noise certificated jet aircraft	2000 - 0800
All ICAO annex 16, vol 1 chapter 2 & equivalent aircraft	0000 - 0700
All ICAO annex 16, vol 1 chapter 3 & equivalent aircraft	0030 - 0630
All other aircraft	0030 - 0630

- b) Non-noise certificated jet powered aircraft are prohibited from departing on runways 05, 06L, 06R, 15L, 15R and 33L.
- c) Between 0000 and 0630 local time, departures are prohibited on runways 05, 06L, 06R, 15L & 15R and arrivals are prohibited on runways 24R, 24L, 23, 33R, 33L and 15R unless assigned by ATC.
- d) All aircraft operating on a scheduled and repetitive basis are required to obtain an extension or an exemption to operate during the restricted hours. Submit requests for operating extensions on the day of operation to the Airport Operations Duty Manager with justification at 416-776-3030, (fax 416-776-5615). For advance exemption requests or information, make submission in writing to the

Senior Manager
Facility Allocation
Greater Toronto Airports Authority
Toronto Pearson International Airport
P.O. Box 6031, Toronto AMF, Ontario
L5P 1B2
(fax 416-776-3483)

- e) **ALL OTHER OPERATORS ARE REQUIRED TO OBTAIN PERMISSION TO OPERATE DURING THE RESTRICTED HOURS** by contacting the Airport Duty Manager on the day of operation at 416-776-3030.

2. Preferential runway assignment (0000 - 0630 local time).

Consistent with operational safety (ie wind, weather, runway conditions, approach aid availability etc.), ATC will assign runways in the following order of priority.

ARRIVALS: 05 15L 06L
DEPARTURES: 23 33R 24R

3. Engine Run-ups

Between 0000 - 0700 local time, maintenance run-ups are prohibited unless authorized by the Airport Operations Duty Manager (416-776-3030).

4. Training Flights

Training flights are not permitted in the Toronto Control Zone from 0000 - 0700 local time. For other times, prior permission is required from Toronto ACC Flow Management Unit (905-676-3528 or 1-800-268-4831).

NOISE OPERATING RESTRICTIONS

NOISE ABATEMENT PROCEDURES

NOISE OPERATING RESTRICTIONS AND NOISE ABATEMENT PROCEDURES (cont'd)

C. NOISE ABATEMENT PROCEDURES (General)

1. Reverse Thrust:

Consistent with safety of operations and in consideration of High Intensity Runway Operations, pilots should minimize the use of reverse thrust.

D. NOISE ABATEMENT PROCEDURES (0700 - 2300 local time)

Except in emergencies, Noise Abatement Procedures, 1 and 2 below apply to all turbo-jet and turbo-fan powered aircraft.

1. Departure Procedure:

- a) VNAV A or B is required for all runways. See CAP GEN.
- b) SID routing shall be followed to 3600' ASL. For Rwy 33L and 33R, no unauthorized turns prior to MALTN INTXN.

NOTE: SID cancellation does not terminate Noise Abatement Procedure.

- c) Do not exceed 250 Kts until above 10,000' ASL, unless otherwise authorized by ATC.
- d) Early turn - Rwy 05, 06L, 06R, 23, 24L, 24R departures: Applies only to the following jet aircraft types - CRJ1, CRJ2, E135, E145, E45X, J328, CL60, C750, GLEX, GLF4, and GLF5. Commence turn assigned at take-off at 1100' ASL.

2. Arrival Procedures:

Consistent with safety, crews shall minimize approach noise.
For all approaches including visual approaches:

- a) Maintain 3000' ASL or above until intercepting extended runway centreline, and;
- b) Intercept extended runway centreline at or outside Final Approach Fix, then;
- c) Remain on or above glide slope or assumed 3.0° glide slope.

E. NOISE ABATEMENT PROCEDURES (2301 - 0659 local time).

1. Procedures:

- a) Procedures "D1 b) and c), and D2" apply to all aircraft.
Departure procedure "D1 a)" applies to Turbo-jet and Turbo-fan powered aircraft only.