

MPTO

Tocumen Intl

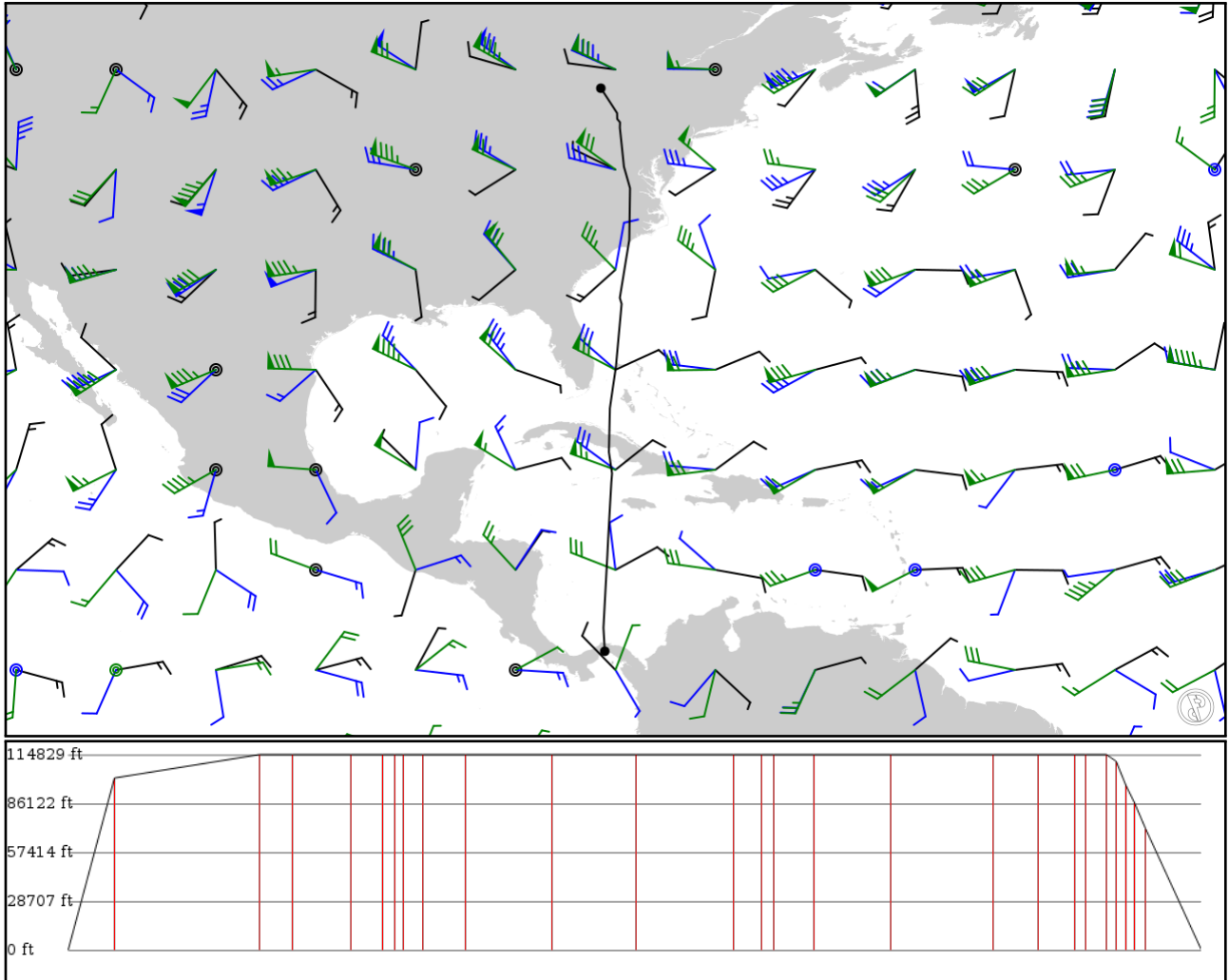
CYYZ

Toronto Lester B Pearson Intl

2024/05/01 0118Z

MPTO MARMA **G437** GONIS **L341** PIGBO **UL780** URSUS **AR23** OZENA EMCEE **AR16** ILM **J109** WEVEL CLERO **V265** BFD
V33 VAIRS CYYZ

2099.50 nm / 3888.28 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 36000ft
- 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
MPTO	-	9.07136	0 ft	-	Tocumen Intl
APT	-	-79.38346	0 m		
MARMA	-	10.50833	30,800 ft	86	-
FIX	-	-79.46667	9,388 m		
DUXUN	G437	15.00000	35,000 ft	270	-
FIX	AWY-LO	-79.22306	10,668 m		
BOMEN	G437	16.00000	35,000 ft	60	-
FIX	AWY-LO	-79.17500	10,668 m		
GABAN	G437	17.79000	35,000 ft	107	-
FIX	AWY-LO	-79.07500	10,668 m		
FROST	G437	18.76000	35,000 ft	58	-
FIX	AWY-LO	-79.02000	10,668 m		
KODAK	G437	19.16500	35,000 ft	24	-
FIX	AWY-LO	-78.99667	10,668 m		
ALORA	G437	19.43000	35,000 ft	15	-
FIX	AWY-LO	-78.98167	10,668 m		
GONIS	G437	20.00000	35,000 ft	34	-
FIX	AWY-LO	-78.93639	10,668 m		
PIGBO	L341	21.31361	35,000 ft	79	-
FIX	AWY-LO	-79.12944	10,668 m		
URSUS	UL780	24.00005	35,000 ft	161	-
FIX	AWY-HI	-79.06980	10,668 m		
ZFP	AR23	26.55536	35,000 ft	154	FREEPORT VOR-DME
VOR	AWY-HI	-78.69786	10,668 m		
CANIT	AR23	29.56251	35,000 ft	181	-
FIX	AWY-HI	-78.42585	10,668 m		
OZENA	AR23	30.41944	35,000 ft	51	-
FIX	AWY-HI	-78.34834	10,668 m		
EMCEE	-	30.79273	35,000 ft	23	-
FIX	-	-78.45917	10,668 m		
SEELO	AR16	32.02341	35,000 ft	74	-
FIX	AWY-HI	-78.25695	10,668 m		
ILM	AR16	34.35167	35,000 ft	141	WILMINGTON VORTAC
VOR	AWY-HI	-77.87439	10,668 m		
FAK	J109	37.52851	35,000 ft	190	FLAT ROCK VORTAC
DME	AWY-HI	-77.82822	10,668 m		
LDN	J109	38.85439	35,000 ft	81	LINDEN VORTAC
VOR	AWY-HI	-78.20556	10,668 m		
LEONI	J109	39.98536	35,000 ft	68	-
FIX	AWY-HI	-78.32253	10,668 m		
MIROY	J109	40.31548	35,000 ft	19	-
FIX	AWY-HI	-78.35742	10,668 m		
MIDST	J109	40.96968	35,000 ft	39	-
FIX	AWY-HI	-78.42756	10,668 m		
WEVEL	J109	41.25032	33,800 ft	16	-
FIX	AWY-HI	-78.45807	10,302 m		
CLERO	-	41.58087	29,500 ft	19	-
FIX	-	-78.44679	8,992 m		
BFD	V265	41.78639	26,400 ft	14	BRADFORD VOR-DME
VOR	AWY-LO	-78.61933	8,047 m		
VAIRS	V33	42.14645	21,800 ft	21	-
FIX	AWY-LO	-78.62775	6,645 m		
CYYZ	-	43.67613	0 ft	101	Toronto Lester B Pearson Intl
APT	-	-79.62767	0 m		

MPTO

Region: PANAMA
Timezone: AMERICA/PANAMA
Runways: 2

Elevation: 134 ft / 41 m
Location: 9.071400 -79.383500
Magnetic Var: 5.449 W

METAR

MPTO 010100Z 32004KT 9999 FEW008 SCT017CB SCT090 28/25 Q1008 NOSIG

TAF

TAF MPTO 302300Z 0100/0206 18008KT 9999 SCT018 SCT090 TEMPO 0100/0104 04005KT TEMPO 0106/0110 VRB02KT TEMPO 0114/

Frequencies

REC - 127.70 MHz - ATIS	TWR - 118.10 MHz - TOCUMEN TOWER
GND - 121.90 MHz - TOCUMEN GROUND	GND - 112.05 MHz - TOCUMEN GROUND
CLD - 129.80 MHz - CLEARANCE DELIVERY	APP - 121.20 MHz - PANAMA APPROACH
APP - 123.30 MHz - PANAMA APPROACH	APP - 119.70 MHz - PANAMA APPROACH
APP - 119.20 MHz - PANAMA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03R	148 ft	10,049 ft	29.33	CONCRETE	0 ft	0 ft
	45 m	3,063 m	34.78		0 m	0 m
21L	148 ft	10,049 ft	209.33	CONCRETE	0 ft	0 ft
	45 m	3,063 m	214.78		0 m	0 m
03L	148 ft	8,832 ft	30.67	ASPHALT	814 ft	0 ft
	45 m	2,692 m	36.12		248 m	0 m
21R	148 ft	8,832 ft	210.67	ASPHALT	0 ft	0 ft
	45 m	2,692 m	216.12		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03R	DME	INAT	110.70 MHz	18 nm	-	-	50 ft
				33 km	-		50 m
03R	LOC-ILS	INAT	110.70 MHz	18 nm	29.33	-	134 ft
				33 km	34.78		134 m
03R	GS	INAT	110.70 MHz	10 nm	29.33	3.00	134 ft
				19 km	34.78		134 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 010100Z 15003KT 090V160 15SM BKN045 13/11 A2989 RMK SC6 SLP126

TAF

TAF CYYZ 302341Z 0100/0206 14008KT P6SM SCT025 TEMPO 0100/0104 BKN025 BECMG 0100/0102 35005KT FM010400 36005KT P6

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