

OMAA

ABU DHABI INTL

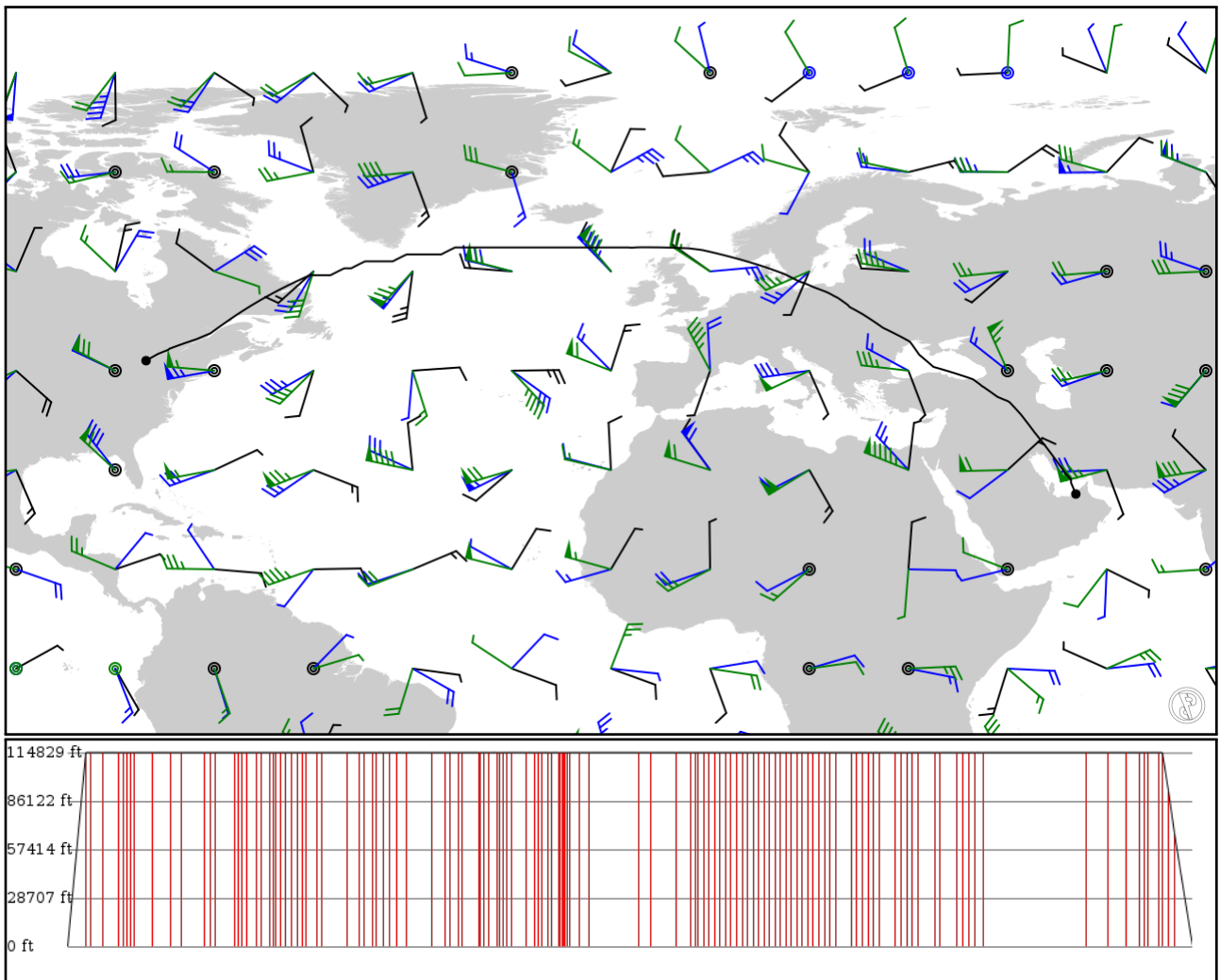
CYYZ

Toronto Pearson Intl

2024/05/18 1442Z

OMAA ORSAR **A418** KIS **UL223** LAM **T217** EGSIR **UL223** UMH **G781** BONAM **UT366** VAN **UA4** ERZ ERZ **UL851** HOCAM
UW71 BAVTI **UL851** KUGOS **M860** TUNSA BOMKI **M854** ODS **L981** INROG **M860** EGLON **L621** ROE ROE **L621** AAL AAL
P990 ORVIK **UM125** SUM **UN603** AKIVO **UP60** ATSIX 6000N0-1100W 6000N0-1200W 6000N0-1300W 6000N0-1400W
6000N0-1500W 6000N0-1600W 6000N0-1700W 6000N0-1800W 6000N0-1900W 6000N0-2000W 6000N0-2100W
6000N0-2200W 6000N0-2300W 6000N0-2400W 6000N0-2500W 6000N0-2600W 6000N0-2700W 6000N0-2800W
6000N0-2900W 6000N0-3000W 6000N0-3100W 6000N0-3200W 6000N0-3300W 6000N0-3400W 6000N0-3500W
5900N0-3700W 5900N0-3800W 5900N0-3900W 5900N0-4000W 5900N0-4100W 5900N0-4200W 5800N0-4400W
5800N0-4500W 5800N0-4600W 5800N0-4700W 5800N0-4800W 5700N0-5000W 5700N0-5100W 5600N0-5300W
5600N0-5400W 5600N0-5500W 5600N0-5600W ENNSO **N620B** YBC **J555** ML **J553** DICEN **Q848** LETAK CELAR **V300**
VIE CYYZ

6159.29 nm / 11407.00 km



Notes

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: no
- Use PACOTS: no
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
OMAA	-	24.44340	0 ft	-	ABU DHABI INTL
APT	-	54.65270	0 m		
ORSAR	-	26.07500	35,000 ft	104	-
FIX	-	53.95830	10,668 m		
KIS	A418	26.52520	35,000 ft	27	KISH ISLAND
VOR	AWY-HI	53.96240	10,668 m		
LAM	UL223	27.37280	35,000 ft	65	LAMERD
VOR	AWY-HI	53.18400	10,668 m		
LAGSA	T217	28.55170	35,000 ft	83	-
FIX	AWY-HI	52.34890	10,668 m		
DASDO	T217	28.90030	35,000 ft	24	-
FIX	AWY-HI	52.09750	10,668 m		
TOTNO	T217	29.18110	35,000 ft	19	-
FIX	AWY-HI	51.89330	10,668 m		
RUBAK	T217	29.43810	35,000 ft	18	-
FIX	AWY-HI	51.70500	10,668 m		
EGSIR	T217	29.77080	35,000 ft	23	-
FIX	AWY-HI	51.45970	10,668 m		
KIXOB	UL223	31.15470	35,000 ft	99	-
FIX	AWY-HI	50.41640	10,668 m		
ALTAX	UL223	32.50390	35,000 ft	97	-
FIX	AWY-HI	49.36170	10,668 m		
UKSIS	UL223	33.36640	35,000 ft	62	-
FIX	AWY-HI	48.66720	10,668 m		
TUKLO	UL223	35.17060	35,000 ft	127	-
FIX	AWY-HI	47.29750	10,668 m		
TAVNI	UL223	35.63530	35,000 ft	32	-
FIX	AWY-HI	46.94190	10,668 m		
REXAN	UL223	35.98060	35,000 ft	24	-
FIX	AWY-HI	46.65970	10,668 m		
KAPES	UL223	37.42220	35,000 ft	107	-
FIX	AWY-HI	45.33440	10,668 m		
UMH	UL223	37.68720	35,000 ft	19	UROMIYEH
VOR	AWY-HI	45.08440	10,668 m		
TUDNU	G781	37.88360	35,000 ft	19	-
FIX	AWY-HI	44.74640	10,668 m		
BONAM	G781	38.04890	35,000 ft	23	-
FIX	AWY-HI	44.29970	10,668 m		
VAN	UT366	38.46610	35,000 ft	52	VAN
VOR	AWY-HI	43.32520	10,668 m		
ESENK	UA4	38.74470	35,000 ft	24	-
FIX	AWY-HI	42.93810	10,668 m		
DORUK	UA4	39.27920	35,000 ft	47	-
FIX	AWY-HI	42.18530	10,668 m		
GOKSU	UA4	39.49280	35,000 ft	19	-
FIX	AWY-HI	41.87970	10,668 m		
SUSUZ	UA4	39.68080	35,000 ft	16	-
FIX	AWY-HI	41.60830	10,668 m		
ERZ	UA4	39.95670	35,000 ft	24	ERZURUM
VOR	AWY-HI	41.20710	10,668 m		
ERZ	-	39.95880	35,000 ft	2	ERZURUM TACAN
DME	-	41.15310	10,668 m		
HOCAM	UL851	40.24580	35,000 ft	23	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	40.82000	10,668 m		
BAVTI	UW71	40.66280	35,000 ft	35	-
FIX	AWY-HI	40.25460	10,668 m		
TBN	UL851	40.99530	35,000 ft	28	TRABZON
VOR	AWY-HI	39.79560	10,668 m		
ERIDU	UL851	41.21530	35,000 ft	31	-
FIX	AWY-HI	39.16980	10,668 m		
TOLUN	UL851	41.34000	35,000 ft	18	-
FIX	AWY-HI	38.79000	10,668 m		
OLUPO	UL851	41.70860	35,000 ft	55	-
FIX	AWY-HI	37.66190	10,668 m		
KARDE	UL851	41.90390	35,000 ft	29	-
FIX	AWY-HI	37.04530	10,668 m		
KUGOS	UL851	42.78060	35,000 ft	141	-
FIX	AWY-HI	34.08780	10,668 m		
ABRAN	M860	43.61720	35,000 ft	65	-
FIX	AWY-HI	33.12220	10,668 m		
TUNSA	M860	43.92330	35,000 ft	24	-
FIX	AWY-HI	32.75830	10,668 m		
BOMKI	-	44.53500	35,000 ft	48	-
FIX	-	32.03000	10,668 m		
PERUN	M854	44.81500	35,000 ft	18	-
FIX	AWY-HI	31.83830	10,668 m		
RASIL	M854	45.41000	35,000 ft	39	-
FIX	AWY-HI	31.41670	10,668 m		
TARKA	M854	45.86500	35,000 ft	30	-
FIX	AWY-HI	31.10000	10,668 m		
ODS	M854	46.43030	35,000 ft	38	ODESA
VOR	AWY-HI	30.67080	10,668 m		
RETRO	L981	47.01280	35,000 ft	55	-
FIX	AWY-HI	29.61110	10,668 m		
INROG	L981	48.41470	35,000 ft	140	-
FIX	AWY-HI	26.81280	10,668 m		
PEMIR	M860	49.28220	35,000 ft	72	-
FIX	AWY-HI	25.55500	10,668 m		
GORKU	M860	49.60530	35,000 ft	27	-
FIX	AWY-HI	25.07220	10,668 m		
KOVUS	M860	50.14220	35,000 ft	45	-
FIX	AWY-HI	24.24140	10,668 m		
ROLKA	M860	50.40420	35,000 ft	22	-
FIX	AWY-HI	23.82560	10,668 m		
EGLON	M860	51.41670	35,000 ft	92	-
FIX	AWY-HI	21.98470	10,668 m		
NETAB	L621	51.49750	35,000 ft	5	-
FIX	AWY-HI	21.91140	10,668 m		
LIMVI	L621	51.74500	35,000 ft	17	-
FIX	AWY-HI	21.68560	10,668 m		
ADURU	L621	52.07920	35,000 ft	26	-
FIX	AWY-HI	21.21610	10,668 m		
OLILA	L621	52.70440	35,000 ft	49	-
FIX	AWY-HI	20.32830	10,668 m		
MEBIV	L621	52.81000	35,000 ft	9	-
FIX	AWY-HI	20.13390	10,668 m		
RILAB	L621	53.06110	35,000 ft	23	-
FIX	AWY-HI	19.63310	10,668 m		
SOMOR	L621	53.22690	35,000 ft	14	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	19.35000	10,668 m		
GRUDA	L621	53.52110	35,000 ft	26	-
FIX	AWY-HI	18.78140	10,668 m		
MALOX	L621	54.24420	35,000 ft	80	-
FIX	AWY-HI	16.88140	10,668 m		
DEVEL	L621	54.73080	35,000 ft	49	-
FIX	AWY-HI	15.74810	10,668 m		
LUSID	L621	54.91670	35,000 ft	19	-
FIX	AWY-HI	15.29610	10,668 m		
ROE	L621	55.06190	35,000 ft	20	RONNE VOR-DME
DME	AWY-HI	14.75590	10,668 m		
ROE	-	55.06560	35,000 ft	0	RONNE
VOR	-	14.75870	10,668 m		
ELVIX	L621	55.41190	35,000 ft	30	-
FIX	AWY-HI	14.09420	10,668 m		
MAXUM	L621	55.66130	35,000 ft	22	-
FIX	AWY-HI	13.60400	10,668 m		
INRER	L621	56.05270	35,000 ft	35	-
FIX	AWY-HI	12.81370	10,668 m		
SVD	L621	56.16890	35,000 ft	10	SVEDA VOR-DME
DME	AWY-HI	12.57380	10,668 m		
KULUD	L621	56.26060	35,000 ft	9	-
FIX	AWY-HI	12.33310	10,668 m		
ROKAM	L621	56.31690	35,000 ft	6	-
FIX	AWY-HI	12.18330	10,668 m		
MADAG	L621	56.38060	35,000 ft	6	-
FIX	AWY-HI	12.01360	10,668 m		
NORTI	L621	56.52440	35,000 ft	15	-
FIX	AWY-HI	11.62560	10,668 m		
LAPMA	L621	56.62580	35,000 ft	11	-
FIX	AWY-HI	11.34750	10,668 m		
AAL	L621	57.10370	35,000 ft	52	AALBORG
VOR	AWY-HI	9.99558	10,668 m		
AAL	-	57.10390	35,000 ft	0	AALBORG VOR-DME
DME	-	9.99281	10,668 m		
KOVIK	P990	57.55970	35,000 ft	53	-
FIX	AWY-HI	8.57414	10,668 m		
ORVIK	P990	59.63830	35,000 ft	276	-
FIX	AWY-HI	0.66907	10,668 m		
SUM	UM125	59.87880	35,000 ft	60	SUMBURGH
VOR	AWY-HI	-1.28653	10,668 m		
KESEG	UN603	60.01610	35,000 ft	142	-
FIX	AWY-HI	-6.01556	10,668 m		
BILLY	UN603	60.01970	35,000 ft	76	-
FIX	AWY-HI	-8.56889	10,668 m		
AKIVO	UN603	59.96440	35,000 ft	28	-
FIX	AWY-HI	-9.50000	10,668 m		
ATSIX	UP60	60.00000	35,000 ft	15	-
FIX	AWY-HI	-10.00000	10,668 m		
6000N0-1100W	-	60.00000	35,000 ft	30	-
LATLON	-	-11.00000	10,668 m		
6000N0-1200W	-	60.00000	35,000 ft	30	-
LATLON	-	-12.00000	10,668 m		
6000N0-1300W	-	60.00000	35,000 ft	30	-
LATLON	-	-13.00000	10,668 m		
6000N0-1400W	-	60.00000	35,000 ft	30	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-14.00000	10,668 m		
6000N0-1500W	-	60.00000	35,000 ft	30	-
LATLON	-	-15.00000	10,668 m		
6000N0-1600W	-	60.00000	35,000 ft	30	-
LATLON	-	-16.00000	10,668 m		
6000N0-1700W	-	60.00000	35,000 ft	30	-
LATLON	-	-17.00000	10,668 m		
6000N0-1800W	-	60.00000	35,000 ft	30	-
LATLON	-	-18.00000	10,668 m		
6000N0-1900W	-	60.00000	35,000 ft	30	-
LATLON	-	-19.00000	10,668 m		
6000N0-2000W	-	60.00000	35,000 ft	30	-
LATLON	-	-20.00000	10,668 m		
6000N0-2100W	-	60.00000	35,000 ft	30	-
LATLON	-	-21.00000	10,668 m		
6000N0-2200W	-	60.00000	35,000 ft	30	-
LATLON	-	-22.00000	10,668 m		
6000N0-2300W	-	60.00000	35,000 ft	30	-
LATLON	-	-23.00000	10,668 m		
6000N0-2400W	-	60.00000	35,000 ft	30	-
LATLON	-	-24.00000	10,668 m		
6000N0-2500W	-	60.00000	35,000 ft	30	-
LATLON	-	-25.00000	10,668 m		
6000N0-2600W	-	60.00000	35,000 ft	30	-
LATLON	-	-26.00000	10,668 m		
6000N0-2700W	-	60.00000	35,000 ft	30	-
LATLON	-	-27.00000	10,668 m		
6000N0-2800W	-	60.00000	35,000 ft	30	-
LATLON	-	-28.00000	10,668 m		
6000N0-2900W	-	60.00000	35,000 ft	30	-
LATLON	-	-29.00000	10,668 m		
6000N0-3000W	-	60.00000	35,000 ft	30	-
LATLON	-	-30.00000	10,668 m		
6000N0-3100W	-	60.00000	35,000 ft	30	-
LATLON	-	-31.00000	10,668 m		
6000N0-3200W	-	60.00000	35,000 ft	30	-
LATLON	-	-32.00000	10,668 m		
6000N0-3300W	-	60.00000	35,000 ft	30	-
LATLON	-	-33.00000	10,668 m		
6000N0-3400W	-	60.00000	35,000 ft	30	-
LATLON	-	-34.00000	10,668 m		
6000N0-3500W	-	60.00000	35,000 ft	30	-
LATLON	-	-35.00000	10,668 m		
5900N0-3700W	-	59.00000	35,000 ft	85	-
LATLON	-	-37.00000	10,668 m		
5900N0-3800W	-	59.00000	35,000 ft	30	-
LATLON	-	-38.00000	10,668 m		
5900N0-3900W	-	59.00000	35,000 ft	30	-
LATLON	-	-39.00000	10,668 m		
5900N0-4000W	-	59.00000	35,000 ft	30	-
LATLON	-	-40.00000	10,668 m		
5900N0-4100W	-	59.00000	35,000 ft	30	-
LATLON	-	-41.00000	10,668 m		
5900N0-4200W	-	59.00000	35,000 ft	30	-
LATLON	-	-42.00000	10,668 m		
5800N0-4400W	-	58.00000	35,000 ft	86	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-44.00000	10,668 m		
5800N0-4500W	-	58.00000	35,000 ft	31	-
LATLON	-	-45.00000	10,668 m		
5800N0-4600W	-	58.00000	35,000 ft	31	-
LATLON	-	-46.00000	10,668 m		
5800N0-4700W	-	58.00000	35,000 ft	31	-
LATLON	-	-47.00000	10,668 m		
5800N0-4800W	-	58.00000	35,000 ft	31	-
LATLON	-	-48.00000	10,668 m		
5700N0-5000W	-	57.00000	35,000 ft	88	-
LATLON	-	-50.00000	10,668 m		
5700N0-5100W	-	57.00000	35,000 ft	32	-
LATLON	-	-51.00000	10,668 m		
5600N0-5300W	-	56.00000	35,000 ft	89	-
LATLON	-	-53.00000	10,668 m		
5600N0-5400W	-	56.00000	35,000 ft	33	-
LATLON	-	-54.00000	10,668 m		
5600N0-5500W	-	56.00000	35,000 ft	33	-
LATLON	-	-55.00000	10,668 m		
5600N0-5600W	-	56.00000	35,000 ft	33	-
LATLON	-	-56.00000	10,668 m		
ENNSO	-	55.53330	35,000 ft	43	-
FIX	-	-57.00000	10,668 m		
YBC	N620B	49.13400	35,000 ft	562	BAIE-COMEAU
VOR	AWY-HI	-68.22200	10,668 m		
ML	J555	47.62340	35,000 ft	123	CHARLEVOIX
NDB	AWY-HI	-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		

OMAA

Region: UNITED ARAB EMIRATES
Timezone: ASIA/DUBAI
Runways: 2

Elevation: 83 ft / 25 m
Location: 24.443400 54.652700
Magnetic Var: 2.282 E

METAR

OMAA 181400Z 34011KT CAVOK 36/18 Q1004 NOSIG

TAF

TAF OMAA 181100Z 1812/1918 32013KT 8000 NSC BECMG 1818/1820 VRB02KT BECMG 1904/1906 30013KT BECMG 1917/1918 24005

Frequencies

APP - 124.40 MHz -	APP - 124.62 MHz -
ABU DHABI RADAR CENTRAL PRIMARY	ABU DHABI RADAR CENTRAL SECONDARY
APP - 128.10 MHz - ABU DHABI RADAR WEST PRIMARY	APP - 124.65 MHz - ABU DHABI RADAR WEST SECONDARY
APP - 135.15 MHz - ABU DHABI RADAR NORTH PRIMARY	APP - 135.35 MHz -
APP - 118.42 MHz -	ABU DHABI RADAR NORTH SECONDARY
ABU DHABI DIRECTOR NORTH PRIMARY	APP - 121.15 MHz -
APP - 118.00 MHz -	ABU DHABI DIRECTOR NORTH SECONDARY
ABU DHABI DIRECTOR SOUTH PRIMARY	APP - 121.15 MHz -
APP - 133.55 MHz - ABU DHABI RADAR EAST PRIMARY	ABU DHABI DIRECTOR SOUTH SECONDARY
APP - 135.35 MHz - ABU DHABI RADAR EAST SECONDARY	APP - 132.67 MHz - ABU DHABI RADAR EAST PRIMARY
REC - 124.62 MHz -	REC - 127.50 MHz - ABU DHABI INFORMATION PRIMARY
ABU DHABI INFORMATION SECONDARY	TWR - 119.20 MHz - ABU DHABI TOWER SOUTH PRIMARY
TWR - 120.42 MHz -	TWR - 118.67 MHz - ABU DHABI TOWER NORTH PRIMARY
ABU DHABI TOWER SOUTH SECONDARY	GND - 121.95 MHz - ABU DHABI GROUND NORTH
GND - 123.97 MHz - ABU DHABI GROUND SOUTH	CLD - 125.10 MHz - ABU DHABI DELIVERY
GND - 119.42 MHz - ABU DHABI GROUND SECONDARY	REC - 119.67 MHz - ABU DHABI ATIS (DEP)
REC - 119.97 MHz - ABU DHABI ATIS (ARR)	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	197 ft	13,478 ft	127.99	ASPHALT	0 ft	394 ft
	60 m	4,108 m	125.71		0 m	120 m
31L	197 ft	13,478 ft	308.01	ASPHALT	0 ft	397 ft
	60 m	4,108 m	305.73		0 m	121 m
13L	197 ft	13,460 ft	127.99	ASPHALT	0 ft	397 ft
	60 m	4,103 m	125.71		0 m	121 m
31R	197 ft	13,460 ft	308.01	ASPHALT	0 ft	387 ft
	60 m	4,103 m	305.73		0 m	118 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	DME	IAE	108.90 MHz	18 nm	-	-	98 ft
				33 km	-		98 m
31R	DME	IAW	109.30 MHz	18 nm	-	-	96 ft
				33 km	-		96 m
13R	DME	IAE	108.90 MHz	18 nm	-	-	98 ft
				33 km	-		98 m
31L	DME	IAW	109.30 MHz	18 nm	-	-	96 ft
				33 km	-		96 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	LOC-ILS	IAS	110.30 MHz	18 nm	128.00	-	83 ft
				33 km	125.72		83 m
13R	LOC-ILS	IAE	109.15 MHz	18 nm	128.00	-	83 ft
				33 km	125.72		83 m
31L	LOC-ILS	IAW	109.30 MHz	18 nm	308.00	-	83 ft
				33 km	305.72		83 m
31R	LOC-ILS	IAN	108.75 MHz	18 nm	308.00	-	83 ft
				33 km	305.72		83 m
13L	GS	IAS	110.30 MHz	10 nm	128.00	3.00	83 ft
				19 km	125.72		83 m
13R	GS	IAE	109.15 MHz	10 nm	128.00	3.00	83 ft
				19 km	125.72		83 m
31L	GS	IAW	109.30 MHz	10 nm	308.00	3.00	83 ft
				19 km	305.72		83 m
31R	GS	IAN	108.75 MHz	10 nm	308.00	3.00	83 ft
				19 km	305.72		83 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 181400Z 08003KT 020V120 15SM FEW017 BKN027 19/15 A2994 RMK CF2SC5 SLP141 DENSITY ALT 1100FT

TAF

TAF AMD TAF AMD CYYZ 181304Z 1813/1918 04005KT P6SM BKN015 FM181400 08008KT P6SM BKN015 TEMPO 1814/1820 BKN025 FM1

Frequencies

TWR - 118.35 MHz - TORONTO TOWER
GND - 119.10 MHz - TORONTO GROUND
GND - 121.90 MHz - TORONTO GROUND
REC - 133.10 MHz - ATIS
APP - 132.80 MHz - TORONTO APPROACH
APP - 125.40 MHz - TORONTO APPROACH
DEP - 127.57 MHz - TORONTO DEPARTURE

TWR - 118.70 MHz - TORONTO TOWER
GND - 121.65 MHz - TORONTO GROUND
REC - 120.82 MHz - ATIS
CLD - 121.30 MHz - CLEARANCE DELIVERY
APP - 124.47 MHz - TORONTO APPROACH
APP - 123.27 MHz - LONDON RADIO
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