

CYYZ

Toronto Pearson Intl

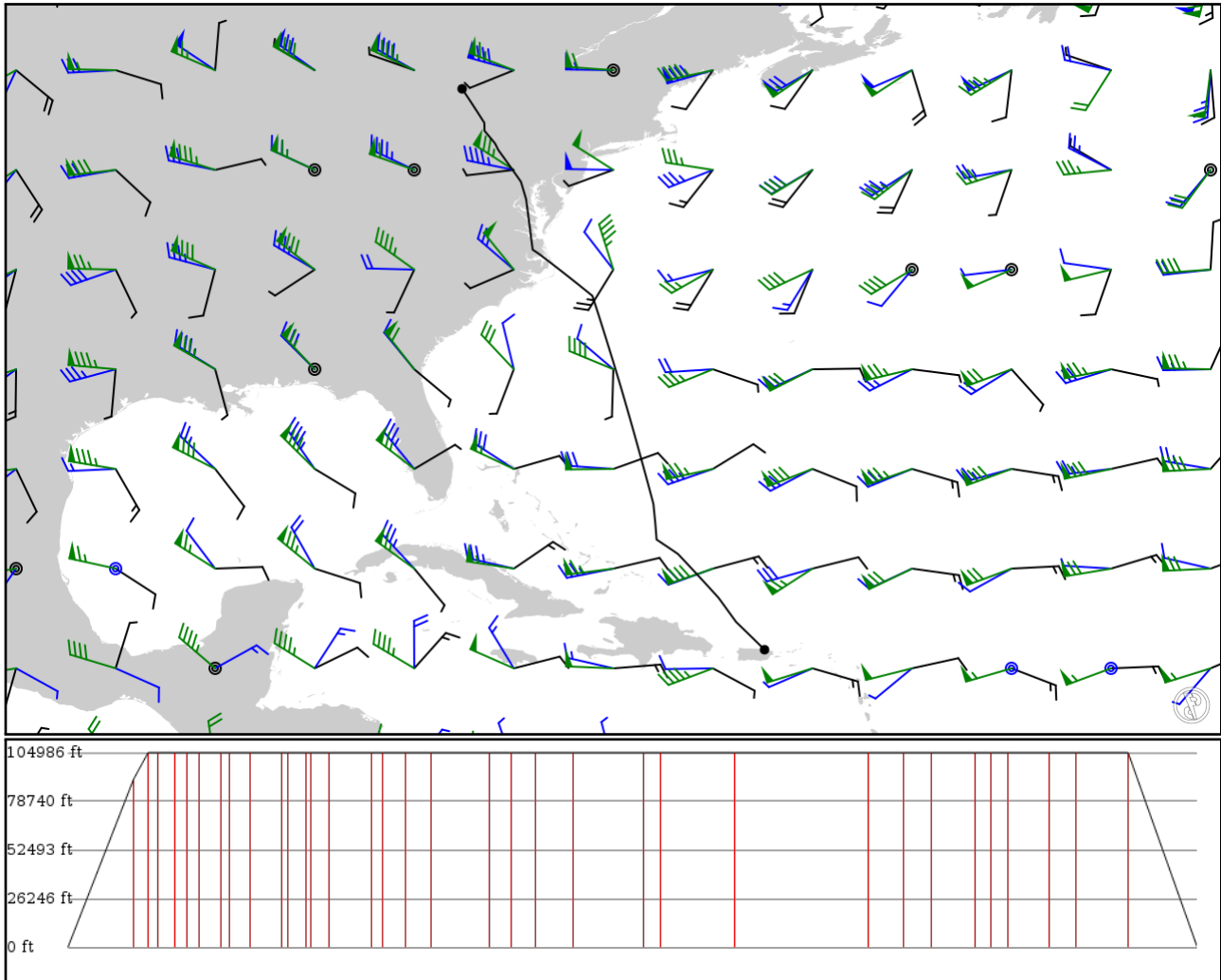
TJSJ

Luis Munoz Marin Intl

2024/05/16 0827Z

CYYZ VAIRS **V33** BFD **V265** PSB **J61** EDDYS ECG **AR8** OXANA **L452** JORGG **G431** UTAHS TJSJ

1729.92 nm / 3203.81 km



Notes

Basic altitude profile:

- Ascent Rate: 1900ft/min
- Ascent Speed: 148kts
- Cruise Altitude: 32000ft
- Cruise Speed: 420kts
- Descent Rate: 2500ft/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
CYYZ APT	-	43.67610 -79.62770	0 ft 0 m	-	Toronto Pearson Intl
VAIRS FIX	-	42.14650 -78.62770	27,600 ft 8,412 m	101	-
BFD VOR	V33 AWY-LO	41.78640 -78.61930	32,000 ft 9,754 m	21	BRADFORD
CLERO FIX	V265 AWY-LO	41.58090 -78.44680	32,000 ft 9,754 m	14	-
ETG VOR	V265 AWY-LO	41.21500 -78.14280	32,000 ft 9,754 m	25	KEATING
PSB VOR	V265 AWY-LO	40.91630 -77.99270	32,000 ft 9,754 m	19	PHILIPSBURG
BURNI FIX	J61 AWY-HI	40.65680 -77.80390	32,000 ft 9,754 m	17	-
MICAH FIX	J61 AWY-HI	40.15920 -77.44640	32,000 ft 9,754 m	34	-
LARRI FIX	J61 AWY-HI	39.95060 -77.29840	32,000 ft 9,754 m	14	-
EMI VOR	J61 AWY-HI	39.49500 -76.97860	32,000 ft 9,754 m	31	WESTMINSTER
OTT VOR	J61 AWY-HI	38.70590 -76.74480	32,000 ft 9,754 m	48	NOTTINGHAM
DAILY FIX	J61 AWY-HI	38.56050 -76.72530	32,000 ft 9,754 m	8	-
COLIN FIX	J61 AWY-HI	38.09980 -76.66410	32,000 ft 9,754 m	27	-
HUBBS FIX	J61 AWY-HI	37.96190 -76.64600	32,000 ft 9,754 m	8	-
FORTS FIX	J61 AWY-HI	37.52930 -76.58950	32,000 ft 9,754 m	26	-
EDDYS FIX	J61 AWY-HI	36.44040 -76.45010	32,000 ft 9,754 m	65	-
ECG VOR	- -	36.25760 -76.17560	32,000 ft 9,754 m	17	ELIZABETH CITY
OHPEA FIX	AR8 AWY-HI	35.85750 -75.65130	32,000 ft 9,754 m	35	-
TOMMZ FIX	AR8 AWY-HI	35.40240 -75.06380	32,000 ft 9,754 m	39	-
OXANA FIX	AR8 AWY-HI	34.36260 -73.75910	32,000 ft 9,754 m	89	-
ZZTOP FIX	L452 AWY-HI	33.83410 -73.58710	32,000 ft 9,754 m	32	-
OMALA FIX	L452 AWY-HI	33.24220 -73.39690	32,000 ft 9,754 m	36	-
WILYY FIX	L452 AWY-HI	32.31180 -73.10350	32,000 ft 9,754 m	57	-
KANUX FIX	L452 AWY-HI	30.56000 -72.56740	32,000 ft 9,754 m	108	-
GALVN FIX	L452 AWY-HI	30.15900 -72.44760	32,000 ft 9,754 m	24	-
KASAR FIX	L452 AWY-HI	28.32170 -71.91930	32,000 ft 9,754 m	113	-
LNHOM	L452	25.00000	32,000 ft	205	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-71.01000	9,754 m		
SLUKA	L452	24.12680	32,000 ft	52	-
FIX	AWY-HI	-70.92350	9,754 m		
JORGG	L452	23.39310	32,000 ft	44	-
FIX	AWY-HI	-70.86550	9,754 m		
CERDA	G431	22.74540	32,000 ft	65	-
FIX	AWY-HI	-69.90250	9,754 m		
DUNED	G431	22.42760	32,000 ft	25	-
FIX	AWY-HI	-69.60300	9,754 m		
LERUG	G431	22.12190	32,000 ft	24	-
FIX	AWY-HI	-69.31670	9,754 m		
MYSTR	G431	21.31150	32,000 ft	64	-
FIX	AWY-HI	-68.56590	9,754 m		
ELMUC	G431	20.78390	32,000 ft	41	-
FIX	AWY-HI	-68.08320	9,754 m		
UTAHS	G431	19.69050	32,000 ft	79	-
FIX	AWY-HI	-67.28680	9,754 m		
TJSJ	-	18.43870	0 ft	104	Luis Munoz Marin Intl
APT	-	-66.00220	0 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 160800Z 35006KT 15SM FEW045 SCT180 12/07 A2983 RMK SC2AC1 SLP105

TAF

TAF CYYZ 160540Z 1606/1712 VRB03KT P6SM FEW120 FM161300 01008KT P6SM FEW020 TEMPO 1613/1616 BKN020 FM161600 15008

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

TJSJ

Region: USA (PUERTO RICO)
Timezone: AMERICA/PUERTO_RICO
Runways: 2

Elevation: 8 ft / 2 m
Location: 18.438700 -66.002200
Magnetic Var: 13.516 W

METAR

TJSJ 160756Z 00000KT 10SM SCT025 27/23 A2994

TAF

TAF TAF AMD TJSJ 160626Z 1606/1706 10004KT P6SM VCSH FEW028 SCT050 FM161400 06014KT P6SM SCT025 FM162300 08006KT P

Frequencies

REC - 125.80 MHz - ATIS	COM - 123.00 MHz - UNICOM
CLD - 126.40 MHz - CLEARANCE DELIVERY	GND - 121.90 MHz - SAN JUAN GROUND
TWR - 132.05 MHz - SAN JUAN TOWER	DEP - 120.90 MHz - SAN JUAN DEPARTURE
DEP - 119.40 MHz - SAN JUAN DEPARTURE	APP - 119.40 MHz - SAN JUAN APPROACH
APP - 120.90 MHz - SAN JUAN APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	200 ft	10,410 ft	66.85	ASPHALT	404 ft	394 ft
	61 m	3,173 m	80.37		123 m	120 m
26	200 ft	10,410 ft	246.86	ASPHALT	400 ft	397 ft
	61 m	3,173 m	260.38		122 m	121 m
10	151 ft	8,006 ft	90.14	CONCRETE	0 ft	203 ft
	46 m	2,440 m	103.66		0 m	62 m
28	151 ft	8,006 ft	270.15	CONCRETE	0 ft	200 ft
	46 m	2,440 m	283.66		0 m	61 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	LOC-ILS	ISJU	110.30 MHz	18 nm	66.86	-	2 ft
				33 km	80.38		2 m
10	LOC-ILS	ICLA	109.70 MHz	18 nm	90.15	-	2 ft
				33 km	103.67		2 m
08	GS	ISJU	110.30 MHz	10 nm	66.86	3.00	2 ft
				19 km	80.38		2 m
10	GS	ICLA	109.70 MHz	10 nm	90.15	3.00	2 ft
				19 km	103.67		2 m