

CYUL

Montreal-Pierre Elliot Trudeau Intl

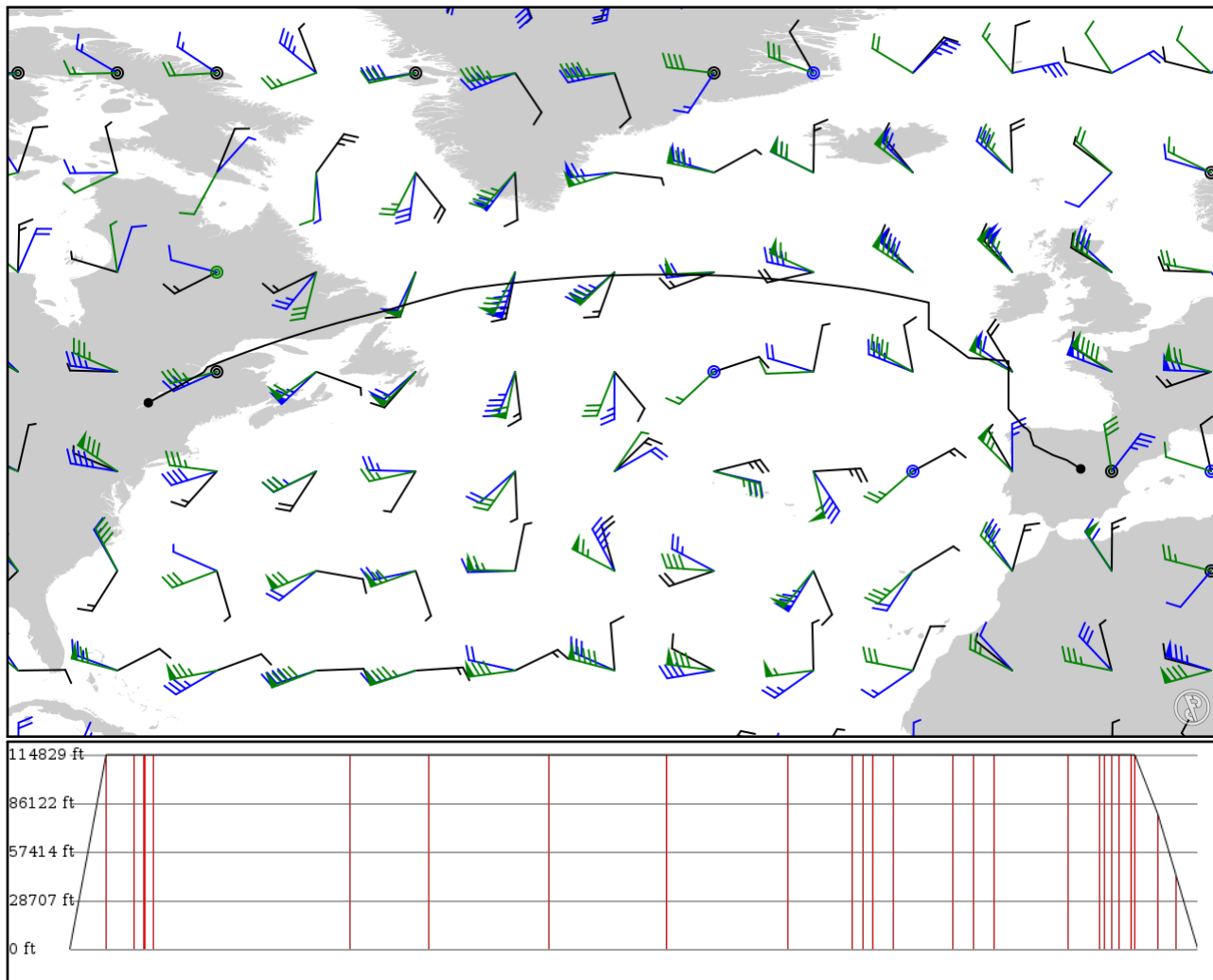
LEMD

Adolfo Suárez Madrid-Barajas

2024/05/03 1816Z

CYUL PENTU **Q812** MIVAX **V316** YRI RI BAREE **N561A** NEEKO **Z** MALOT TOBOR LIMRI DINIM OMOKO TAMEL LASNO
T9 BEGAS KORAV MEGAT ROXER LOMDA INSID **A33** UNSOL LEMD

3301.42 nm / 6114.23 km



Notes

Using NAT tracks from 19/12/2023

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: yes

- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
CYUL APT	-	45.46750 -73.74380	0 ft 0 m	-	Montreal-Pierre Elliot Trudeau Intl
PENTU FIX	-	46.56220 -71.72170	35,000 ft 10,668 m	106	-
MIVAX FIX	Q812 AWY-HI	47.43930 -70.15940	35,000 ft 10,668 m	82	-
YRI VOR	V316 AWY-LO	47.75650 -69.58870	35,000 ft 10,668 m	29	RIVIERE DU LOUP
RI NDB	-	47.76370 -69.57820	35,000 ft 10,668 m	0	RIVIERE-DU-LOUP
BAREE FIX	-	48.14690 -69.30000	35,000 ft 10,668 m	25	-
NEEKO FIX	N561A AWY-HI	52.40000 -55.83330	35,000 ft 10,668 m	575	-
54/50 LATLON	Z NAT	54.00000 -50.00000	35,000 ft 10,668 m	230	-
55/40 LATLON	Z NAT	55.00000 -40.00000	35,000 ft 10,668 m	353	-
55/30 LATLON	Z NAT	55.00000 -30.00000	35,000 ft 10,668 m	344	-
54/20 LATLON	Z NAT	54.00000 -20.00000	35,000 ft 10,668 m	353	-
MALOT FIX	Z NAT	53.00000 -15.00000	35,000 ft 10,668 m	188	-
TOBOR FIX	-	52.50000 -15.00000	35,000 ft 10,668 m	30	-
LIMRI FIX	-	52.00000 -15.00000	35,000 ft 10,668 m	30	-
DINIM FIX	-	51.00000 -15.00000	35,000 ft 10,668 m	60	-
OMOKO FIX	-	48.83890 -12.00000	35,000 ft 10,668 m	174	-
TAMEL FIX	-	48.72860 -10.49720	35,000 ft 10,668 m	59	-
LASNO FIX	-	48.59830 -9.00000	35,000 ft 10,668 m	59	-
BEGAS FIX	T9 AWY-HI	45.00000 -9.00000	35,000 ft 10,668 m	216	-
KORAV FIX	-	43.65310 -7.86558	35,000 ft 10,668 m	94	-
MEGAT FIX	-	43.49890 -7.59647	35,000 ft 10,668 m	14	-
ROXER FIX	-	43.21300 -7.35756	35,000 ft 10,668 m	20	-
LOMDA FIX	-	42.85280 -7.29603	35,000 ft 10,668 m	21	-
INSID FIX	-	42.27560 -7.09425	35,000 ft 10,668 m	35	-
BARKO FIX	A33 AWY-LO	42.20060 -6.94461	35,000 ft 10,668 m	8	-
ZMR VOR	A33 AWY-LO	41.53020 -5.63969	24,300 ft 7,407 m	70	ZAMORA
UNSOL	A33	41.15900	13,300 ft	51	-

Ident Type	Via		Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-4.61111	4,054 m			
LEMD	-	40.49530	0 ft	62	Adolfo Suárez	Madrid-Barajas
APT	-	-3.56020	0 m			

CYUL

Region: CANADA
Timezone: AMERICA/MONTREAL
Runways: 3

Elevation: 118 ft / 36 m
Location: 45.467500 -73.743800
Magnetic Var: 13.898 W

METAR

CYUL 031800Z 09005KT 050V150 30SM FEW027 OVC250 17/10 A3016 RMK CU2CI6 CC ASOCTD SLP216

TAF

TAF CYUL 031747Z 0318/0418 11008KT P6SM OVC020 BECMG 0318/0320 SCT030 FM032100 09008KT P6SM SCT030 BKN160 FM040100

Frequencies

TWR - 119.90 MHz - MONTREAL TOWER	TWR - 119.30 MHz - MONTREAL TOWER
TWR - 124.30 MHz - MONTREAL TOWER	GND - 121.00 MHz - MONTREAL GROUND
GND - 121.90 MHz - MONTREAL GROUND	CLD - 125.60 MHz - CLEARANCE DELIVERY
APP - 132.85 MHz - MONTREAL APPROACH	APP - 126.90 MHz - MONTREAL APPROACH
DEP - 124.65 MHz - MONTREAL DEPARTURE	DEP - 120.42 MHz - MONTREAL DEPARTURE
REC - 133.70 MHz - ATIS	REC - 127.50 MHz - ATIS
COM - 123.55 MHz - QUEBEC FIC	COM - 126.70 MHz - QUEBEC FIC
COM - 134.15 MHz - VFR ADVISORY	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06L	197 ft	11,010 ft	42.55	ASPHALT	0 ft	0 ft
	60 m	3,356 m	56.45		0 m	0 m
24R	197 ft	11,010 ft	222.57	ASPHALT	0 ft	0 ft
	60 m	3,356 m	236.47		0 m	0 m
06R	197 ft	9,608 ft	42.59	CONCRETE	0 ft	0 ft
	60 m	2,929 m	56.48		0 m	0 m
24L	197 ft	9,608 ft	222.60	CONCRETE	0 ft	0 ft
	60 m	2,929 m	236.50		0 m	0 m
10	197 ft	7,008 ft	87.61	ASPHALT	0 ft	0 ft
	60 m	2,136 m	101.51		0 m	0 m
28	197 ft	7,008 ft	267.63	ASPHALT	0 ft	0 ft
	60 m	2,136 m	281.53		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	LOC-ILS	IUL	109.30 MHz	18 nm	42.57	-	118 ft
				33 km	56.47		118 m
06R	LOC-ILS	IOA	110.50 MHz	18 nm	42.60	-	118 ft
				33 km	56.50		118 m
10	LOC-ILS	IDO	110.10 MHz	18 nm	87.62	-	118 ft
				33 km	101.52		118 m
24L	LOC-ILS	IMQ	110.50 MHz	18 nm	222.60	-	118 ft
				33 km	236.50		118 m
24R	LOC-ILS	IZZ	111.90 MHz	18 nm	222.57	-	118 ft
				33 km	236.47		118 m
06L	GS	IUL	109.30 MHz	10 nm	42.57	3.00	118 ft
				19 km	56.47		118 m
06R	GS	IOA	110.50 MHz	10 nm	42.60	3.00	118 ft
				19 km	56.50		118 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	GS	IDO	110.10 MHz	10 nm	87.62	3.00	118 ft
				19 km	101.52		118 m
24L	GS	IMQ	110.50 MHz	10 nm	222.60	3.00	118 ft
				19 km	236.50		118 m
24R	GS	IZZ	111.90 MHz	10 nm	222.57	3.00	118 ft
				19 km	236.47		118 m

LEMD

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 4

Elevation: 1,998 ft / 609 m
Location: 40.495300 -3.560200
Magnetic Var: 0.076 E

METAR

LEMD 031800Z 23010KT CAVOK 18/03 Q1018 NOSIG

TAF

TAF LEMD 031700Z 0318/0424 22010KT 9999 FEW045 TX26/0415Z TN06/0406Z PROB30 TEMPO 0318/0319 23012G25KT BECMG 0321

Frequencies

REC - 130.85 MHz - ATIS DEPARTURE	REC - 118.25 MHz - ATIS ARRIVAL
TWR - 120.65 MHz - BARAJAS TOWER	TWR - 120.15 MHz - BARAJAS TOWER
TWR - 119.50 MHz - BARAJAS TOWER	TWR - 118.15 MHz - BARAJAS TOWER
GND - 121.75 MHz - BARAJAS GROUND	GND - 123.15 MHz - BARAJAS GROUND
GND - 121.70 MHz - BARAJAS APRON	GND - 123.25 MHz - BARAJAS APRON
GND - 121.85 MHz - BARAJAS APRON	GND - 123.00 MHz - BARAJAS APRON
CLD - 130.35 MHz - CLEARANCE DELIVERY	CLD - 130.00 MHz - CLEARANCE DELIVERY
APP - 127.50 MHz - MADRID APPROACH	APP - 136.10 MHz - MADRID APPROACH
APP - 134.00 MHz - MADRID APPROACH	APP - 130.80 MHz - MADRID APPROACH
APP - 127.10 MHz - MADRID APPROACH	APP - 124.00 MHz - MADRID APPROACH
APP - 118.75 MHz - MADRID APPROACH	APP - 118.40 MHz - MADRID APPROACH
DEP - 131.17 MHz - MADRID DEPARTURE	DEP - 124.22 MHz - MADRID DEPARTURE
APP - 134.95 MHz - MADRID DIRECT	APP - 128.70 MHz - MADRID DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14R	197 ft	13,097 ft	142.31	ASPHALT	0 ft	0 ft
	60 m	3,992 m	142.23		0 m	0 m
32L	197 ft	13,097 ft	322.32	ASPHALT	3,041 ft	0 ft
	60 m	3,992 m	322.25		927 m	0 m
18R	197 ft	13,723 ft	179.75	ASPHALT	2,644 ft	0 ft
	60 m	4,183 m	179.67		806 m	0 m
36L	197 ft	13,723 ft	359.75	ASPHALT	0 ft	0 ft
	60 m	4,183 m	359.67		0 m	0 m
14L	197 ft	11,494 ft	142.31	ASPHALT	0 ft	0 ft
	60 m	3,504 m	142.24		0 m	0 m
32R	197 ft	11,494 ft	322.33	ASPHALT	1,627 ft	0 ft
	60 m	3,504 m	322.26		496 m	0 m
18L	197 ft	11,494 ft	179.76	ASPHALT	1,621 ft	0 ft
	60 m	3,503 m	179.68		494 m	0 m
36R	197 ft	11,494 ft	359.76	ASPHALT	0 ft	0 ft
	60 m	3,503 m	359.68		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18L	DME	IML	111.50 MHz	18 nm	-	-	1,916 ft
				33 km	-		1,916 m
18R	DME	IMR	110.70 MHz	18 nm	-	-	1,986 ft
				33 km	-		1,986 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32L	DME	MAA	109.90 MHz	18 nm	-	-	1,998 ft
				33 km	-		1,998 m
32R	DME	MBB	109.10 MHz	18 nm	-	-	1,998 ft
				33 km	-		1,998 m
18L	LOC-ILS	IML	111.50 MHz	18 nm	179.76	-	1,998 ft
				33 km	179.68		1,998 m
18R	LOC-ILS	IMR	110.70 MHz	18 nm	179.75	-	1,998 ft
				33 km	179.67		1,998 m
32L	LOC-ILS	MAA	109.90 MHz	18 nm	322.32	-	1,998 ft
				33 km	322.24		1,998 m
32R	LOC-ILS	MBB	109.10 MHz	18 nm	322.33	-	1,998 ft
				33 km	322.25		1,998 m
18L	GS	IML	111.50 MHz	10 nm	179.76	3.00	1,998 ft
				19 km	179.68		1,998 m
18R	GS	IMR	110.70 MHz	10 nm	179.75	3.00	1,978 ft
				19 km	179.67		1,978 m
32L	GS	MAA	109.90 MHz	10 nm	322.32	3.00	1,998 ft
				19 km	322.24		1,998 m
32R	GS	MBB	109.10 MHz	10 nm	322.33	3.00	1,998 ft
				19 km	322.25		1,998 m