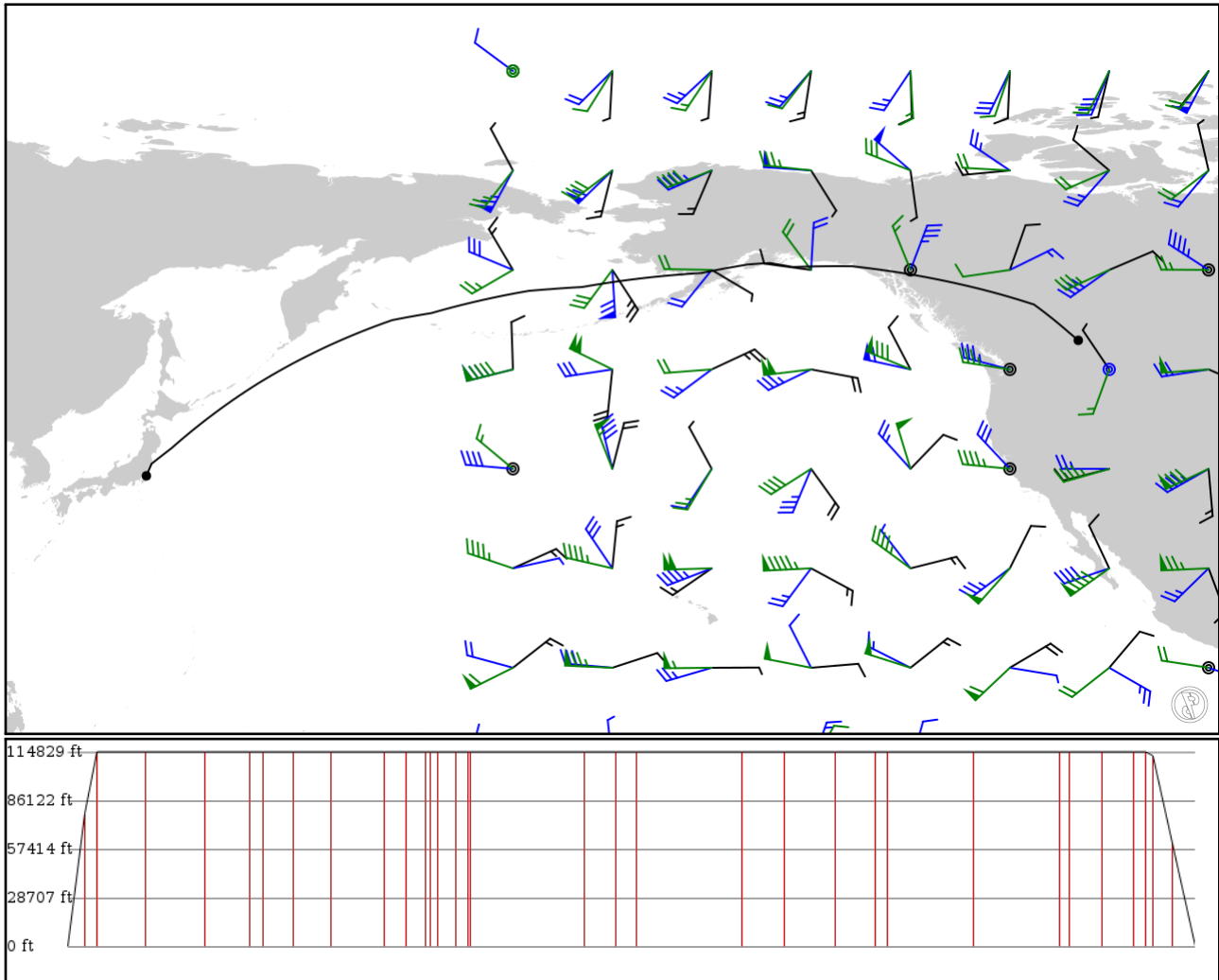


2024/06/06 2126Z

CYYC MATIR **Q925** YQU **NCA10** YAK **Q16** MDO **Q17** HOM **V321** AKN AUB **T230** SPY **G469** NYMPH **R220** IXE RJAA

4344.44 nm / 8045.90 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: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
CYYC APT	-	51.11720 -114.01300	0 ft 0 m	-	Calgary International
MATIR FIX	-	52.01550 -115.07900	23,900 ft 7,285 m	67	-
KODIT FIX	Q925 AWY-HI	52.63030 -115.79100	35,000 ft 10,668 m	45	-
YQU VOR	Q925 AWY-HI	55.17420 -119.03000	35,000 ft 10,668 m	190	GRANDE PRAIRIE
ELTEX FIX	NCA10 AWY-HI	56.89920 -125.00000	35,000 ft 10,668 m	225	-
KEVPO FIX	NCA10 AWY-HI	58.02680 -130.00000	35,000 ft 10,668 m	175	-
MITOM FIX	NCA10 AWY-HI	58.32080 -131.53400	35,000 ft 10,668 m	51	-
DEEJA FIX	NCA10 AWY-HI	58.90220 -135.00000	35,000 ft 10,668 m	113	-
YAK VOR	NCA10 AWY-HI	59.51080 -139.64800	35,000 ft 10,668 m	147	YAKUTAT
MDO VOR	Q16 AWY-HI	59.42180 -146.35000	35,000 ft 10,668 m	204	MIDDLETON ISLAND
WUXAN FIX	Q17 AWY-HI	59.88330 -149.00000	35,000 ft 10,668 m	85	-
HOM VOR	Q17 AWY-HI	59.70940 -151.45700	35,000 ft 10,668 m	74	HOMER
ELDOH FIX	V321 AWY-LO	59.60970 -152.06600	35,000 ft 10,668 m	19	-
AUGEY FIX	V321 AWY-LO	59.46970 -152.88900	35,000 ft 10,668 m	26	-
BATTY FIX	V321 AWY-LO	59.06570 -155.07800	35,000 ft 10,668 m	71	-
OSKOE FIX	V321 AWY-LO	58.78710 -156.45600	35,000 ft 10,668 m	45	-
AKN VOR	V321 AWY-LO	58.72470 -156.75200	35,000 ft 10,668 m	9	KING SALMON
AUB NDB	-	58.73720 -156.77800	35,000 ft 10,668 m	1	CHINOOK (KING SALMON)
SPY NDB	T230 AWY-LO	57.15700 -170.23300	35,000 ft 10,668 m	438	SAINT PAUL ISLAND
CREMR FIX	G469 AWY-HI	56.91420 -173.86900	35,000 ft 10,668 m	119	-
PINTT FIX	G469 AWY-HI	56.71730 -176.30700	35,000 ft 10,668 m	81	-
ONEIL FIX	G469 AWY-HI	54.20240 172.68100	35,000 ft 10,668 m	403	-
NYMPH FIX	G469 AWY-HI	53.40880 168.24000	35,000 ft 10,668 m	164	-
NUZAN FIX	R220 AWY-HI	51.65760 163.64500	35,000 ft 10,668 m	198	-
NRKEY FIX	R220 AWY-HI	50.20690 160.37800	35,000 ft 10,668 m	151	-
NIPPI FIX	R220 AWY-HI	49.71000 159.34700	35,000 ft 10,668 m	49	-
NOGAL	R220	46.21670	35,000 ft	330	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	153.00300	10,668 m		
NUBDA	R220	42.39100	35,000 ft	330	-
FIX	AWY-HI	147.47600	10,668 m		
NANNO	R220	41.91610	35,000 ft	39	-
FIX	AWY-HI	146.85900	10,668 m		
NODAN	R220	40.41950	35,000 ft	123	-
FIX	AWY-HI	144.99600	10,668 m		
NANAC	R220	38.90630	35,000 ft	122	-
FIX	AWY-HI	143.22800	10,668 m		
NIKON	R220	38.32050	35,000 ft	50	-
FIX	AWY-HI	142.47000	10,668 m		
BEKEN	R220	38.00590	34,300 ft	26	-
FIX	AWY-HI	142.06200	10,455 m		
IXE	R220	37.14890	18,600 ft	72	IWAKI
VOR	AWY-HI	140.97600	5,669 m		
RJAA	-	35.77720	0 ft	87	Narita
APT	-	140.38200	0 m		

CYYC

Region: CANADA
Timezone: AMERICA/EDMONTON
Runways: 4

Elevation: 3,557 ft / 1,084 m
Location: 51.117200 -114.013000
Magnetic Var: 13.127 E

METAR

CYYC 062100Z 17006KT 110V250 40SM SCT082 BKN250 19/M00 A2994 RMK AC4CI1 SLP150 DENSITY ALT 4900FT

TAF

TAF CYYC 062040Z 0621/0718 VRB03KT P6SM SCT080 FM062300 22010G20KT P6SM BKN090 BECMG 0623/0701 33012G22KT BECMG 0

Frequencies

REC - 128.22 MHz - CALGARY ATIS	CLD - 121.30 MHz - CLEARANCE DELIVERY
GND - 121.35 MHz - CALGARY GROUND	GND - 121.90 MHz - CALGARY GROUND
TWR - 118.70 MHz - CALGARY TOWER	TWR - 118.40 MHz - CALGARY TOWER
APP - 125.90 MHz - CALGARY APPROACH	APP - 123.85 MHz - CALGARY APPROACH
DEP - 124.52 MHz - CALGARY DEPARTURE	DEP - 119.80 MHz - CALGARY DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	200 ft	12,668 ft	180.03	ASPHALT	0 ft	0 ft
	61 m	3,861 m	166.90		0 m	0 m
35L	200 ft	12,668 ft	0.03	ASPHALT	0 ft	210 ft
	61 m	3,861 m	346.90		0 m	64 m
17L	200 ft	13,996 ft	180.04	CONCRETE	0 ft	0 ft
	61 m	4,266 m	166.91		0 m	0 m
35R	200 ft	13,996 ft	0.04	CONCRETE	0 ft	0 ft
	61 m	4,266 m	346.91		0 m	0 m
11	200 ft	7,979 ft	120.09	ASPHALT	0 ft	0 ft
	61 m	2,432 m	106.96		0 m	0 m
29	200 ft	7,979 ft	300.11	ASPHALT	0 ft	0 ft
	61 m	2,432 m	286.99		0 m	0 m
08	151 ft	6,194 ft	90.02	ASPHALT	0 ft	0 ft
	46 m	1,888 m	76.89		0 m	0 m
26	151 ft	6,194 ft	270.04	ASPHALT	0 ft	0 ft
	46 m	1,888 m	256.91		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	LOC-ILS	IGY	110.55 MHz	18 nm	120.10	-	3,557 ft
				33 km	106.97		3,557 m
17L	LOC-ILS	ILG	109.15 MHz	18 nm	180.04	-	3,557 ft
				33 km	166.91		3,557 m
17R	LOC-ILS	IEM	109.30 MHz	18 nm	180.03	-	3,557 ft
				33 km	166.90		3,557 m
29	LOC-ILS	IAQ	110.90 MHz	18 nm	300.10	-	3,557 ft
				33 km	286.97		3,557 m
35L	LOC-ILS	IYC	111.50 MHz	18 nm	0.03	-	3,557 ft
				33 km	346.90		3,557 m
35R	LOC-ILS	IRF	110.75 MHz	18 nm	0.04	-	3,557 ft
				33 km	346.91		3,557 m
11	GS	IGY	110.55 MHz	10 nm	120.10	3.00	3,557 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				19 km	106.97		3,557 m
17L	GS	ILG	109.15 MHz	10 nm	180.04	3.00	3,557 ft
				19 km	166.91		3,557 m
17R	GS	IEM	109.30 MHz	10 nm	180.03	3.00	3,557 ft
				19 km	166.90		3,557 m
29	GS	IAQ	110.90 MHz	10 nm	300.10	3.00	3,557 ft
				19 km	286.97		3,557 m
35L	GS	IYC	111.50 MHz	10 nm	0.03	3.00	3,557 ft
				19 km	346.90		3,557 m
35R	GS	IRF	110.75 MHz	10 nm	0.04	3.00	3,557 ft
				19 km	346.91		3,557 m

RJAA

Region: JAPAN
Timezone: ASIA/TOKYO
Runways: 2

Elevation: 135 ft / 41 m
Location: 35.777200 140.382000
Magnetic Var: 7.782 W

METAR

RJAA 062100Z 02004KT 9999 FEW030 SCT060 BKN/// 19/18 Q1018 NOSIG RMK 1CU030 4SC060 A3007

TAF

TAF RJAA 061705Z 0618/0800 13004KT 9999 FEW020 BECMG 0715/0718 01006KT

Frequencies

REC - 128.25 MHz - ATIS	TWR - 122.70 MHz - NARITA TOWER
TWR - 126.20 MHz - NARITA TOWER	TWR - 118.35 MHz - NARITA TOWER
TWR - 118.20 MHz - NARITA TOWER	GND - 121.85 MHz - NARITA GROUND
GND - 121.95 MHz - NARITA GROUND	GND - 121.60 MHz - NARITA GROUND
GND - 121.75 MHz - NARITA GROUND	APP - 125.20 MHz - NARITA APPROACH
APP - 124.40 MHz - NARITA APPROACH	APP - 121.27 MHz - NARITA APPROACH
APP - 125.80 MHz - NARITA APPROACH	APP - 127.70 MHz - NARITA APPROACH
DEP - 120.60 MHz - NARITA DEPARTURE	DEP - 127.50 MHz - NARITA DEPARTURE
DEP - 119.60 MHz - NARITA DEPARTURE	DEP - 125.52 MHz - NARITA DEPARTURE
DEP - 124.20 MHz - NARITA DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16R	197 ft	13,146 ft	149.63	ASPHALT	0 ft	407 ft
	60 m	4,007 m	157.41		0 m	124 m
34L	197 ft	13,146 ft	329.64	ASPHALT	0 ft	404 ft
	60 m	4,007 m	337.42		0 m	123 m
16L	197 ft	8,210 ft	149.61	ASPHALT	0 ft	197 ft
	60 m	2,503 m	157.40		0 m	60 m
34R	197 ft	8,210 ft	329.62	ASPHALT	0 ft	0 ft
	60 m	2,503 m	337.40		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16L	DME	ITM	110.70 MHz	18 nm	-	-	145 ft
				33 km	-		145 m
16R	DME	IKF	111.50 MHz	18 nm	-	-	145 ft
				33 km	-		145 m
34L	DME	IYQ	111.90 MHz	18 nm	-	-	153 ft
				33 km	-		153 m
34R	DME	ITJ	110.90 MHz	18 nm	-	-	148 ft
				33 km	-		148 m
16L	LOC-ILS	ITM	110.70 MHz	18 nm	149.64	-	135 ft
				33 km	157.42		135 m
16R	LOC-ILS	IKF	111.50 MHz	18 nm	149.62	-	135 ft
				33 km	157.40		135 m
34L	LOC-ILS	IYQ	111.90 MHz	18 nm	329.62	-	135 ft
				33 km	337.40		135 m
34R	LOC-ILS	ITJ	110.90 MHz	18 nm	329.64	-	135 ft
				33 km	337.42		135 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16L	GS	ITM	110.70 MHz	10 nm	149.64	3.00	135 ft
				19 km	157.42		135 m
16R	GS	IKF	111.50 MHz	10 nm	149.62	3.00	135 ft
				19 km	157.40		135 m
34L	GS	IYQ	111.90 MHz	10 nm	329.62	3.00	135 ft
				19 km	337.40		135 m
34R	GS	ITJ	110.90 MHz	10 nm	329.64	3.00	135 ft
				19 km	337.42		135 m