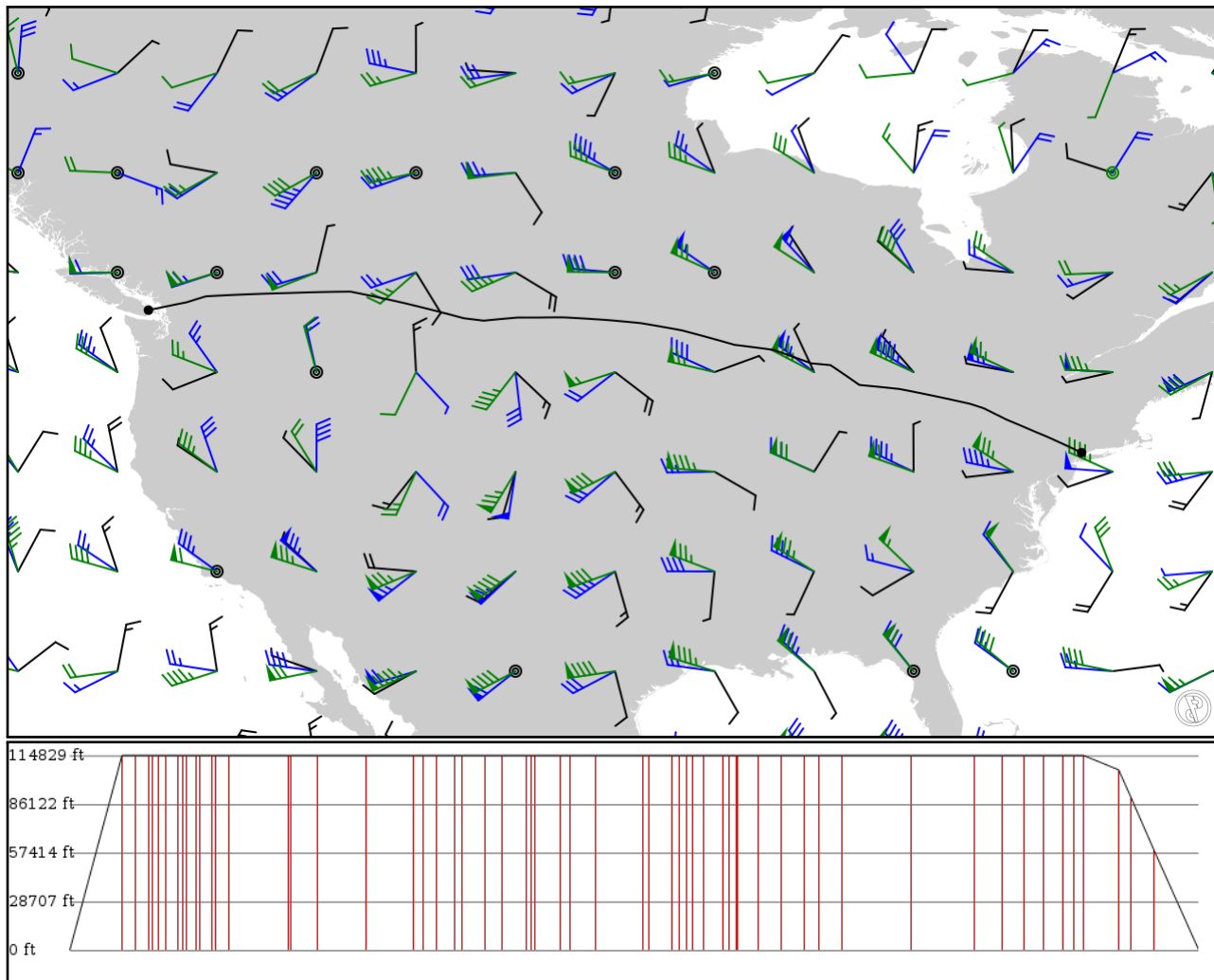


2024/05/20 0620Z

KHPN BUFFY J95 CFB V252 BULGE V164 YYZ J522 TVC V133 ESC V430 IWD V191 DLH V430 GPZ V191 BJI V430  
GGW J478 YQL V300 YXC J500 ERVYN V300 DASBI J500 YDC V342 CILLI CYYJ

2160.71 nm / 4001.64 km



## Notes

Basic altitude profile:

- Ascent Rate: 1800ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 32000ft
- Cruise Speed: 385kts
- Descent Rate: 1500ft/min
- Descent Speed: 240kts

Options:

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

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KHPN APT	-	41.06676 -73.70762	0 ft 0 m	-	WESTCHESTER CO
BUFFY FIX	-	41.94111 -75.61260	35,000 ft 10,668 m	100	-
CFB VOR	J95 AWY-HI	42.15750 -76.13647	35,000 ft 10,668 m	26	BINGHAMTON VORTAC
VILCU FIX	V252 AWY-LO	42.37242 -76.63397	35,000 ft 10,668 m	25	-
XUCCO FIX	V252 AWY-LO	42.43046 -76.76974	35,000 ft 10,668 m	6	-
GIBBE FIX	V252 AWY-LO	42.52866 -77.00094	35,000 ft 10,668 m	11	-
RITCH FIX	V252 AWY-LO	42.63292 -77.24844	35,000 ft 10,668 m	12	-
GEE VOR	V252 AWY-LO	42.83439 -77.73275	35,000 ft 10,668 m	24	GENESE0 VOR-DME
WELTI FIX	V252 AWY-LO	42.91333 -77.88868	35,000 ft 10,668 m	8	-
FIXUS FIX	V252 AWY-LO	42.98677 -78.02996	35,000 ft 10,668 m	7	-
EHMAN FIX	V252 AWY-LO	43.14211 -78.35482	35,000 ft 10,668 m	17	-
AIRCO FIX	V252 AWY-LO	43.21018 -78.48250	35,000 ft 10,668 m	6	-
BULGE FIX	V252 AWY-LO	43.42839 -78.92674	35,000 ft 10,668 m	23	-
RCRCP FIX	V164 AWY-LO	43.48587 -79.10142	35,000 ft 10,668 m	8	-
YYZ VOR	V164 AWY-LO	43.65822 -79.63153	35,000 ft 10,668 m	25	TORONTO VOR-DME
KLANT FIX	J522 AWY-HI	44.20167 -82.15000	35,000 ft 10,668 m	113	-
ASP51 FIX	J522 AWY-HI	44.22326 -82.25171	35,000 ft 10,668 m	4	-
ASP DME	J522 AWY-HI	44.44913 -83.39428	35,000 ft 10,668 m	50	AU SABLE VOR-DME
TVC DME	J522 AWY-HI	44.66791 -85.55002	35,000 ft 10,668 m	93	TRAVERSE CITY VORTAC
ESC VOR	V133 AWY-LO	45.72264 -87.08961	35,000 ft 10,668 m	90	ESCANABA VOR-DME
VUKFI FIX	V430 AWY-LO	45.76353 -87.52486	35,000 ft 10,668 m	18	-
IMT DME	V430 AWY-LO	45.81604 -88.11214	35,000 ft 10,668 m	24	IRON MOUNTAIN VOR-DME
CINOP FIX	V430 AWY-LO	46.08992 -88.86432	35,000 ft 10,668 m	35	-
DINER FIX	V430 AWY-LO	46.20256 -89.18008	35,000 ft 10,668 m	14	-
IWD VOR	V430 AWY-LO	46.53225 -90.12583	35,000 ft 10,668 m	43	IRONWOOD VORTAC
WASPS FIX	V191 AWY-LO	46.63547 -90.88458	35,000 ft 10,668 m	31	-
LAZNU	V191	46.77901	35,000 ft	47	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-92.01176	10,668 m		
DLH	V191	46.80217	35,000 ft	7	DULUTH VORTAC
VOR	AWY-LO	-92.20286	10,668 m		
PYKLA	V430	46.84600	35,000 ft	6	-
FIX	AWY-LO	-92.35492	10,668 m		
GPZ	V430	47.16361	35,000 ft	50	GRAND RAPIDS VOR-DME
DME	AWY-LO	-93.48893	10,668 m		
YOBRI	V191	47.27579	35,000 ft	17	-
FIX	AWY-LO	-93.89671	10,668 m		
BJI	V191	47.57587	35,000 ft	49	-
VOR	AWY-LO	-95.02475	10,668 m		
GFK	V430	47.95483	35,000 ft	90	-
VOR	AWY-LO	-97.18537	10,668 m		
DITRE	V430	47.98407	35,000 ft	11	-
FIX	AWY-LO	-97.47980	10,668 m		
NERDE	V430	48.08314	35,000 ft	43	-
FIX	AWY-LO	-98.54263	10,668 m		
DVL	V430	48.11522	35,000 ft	14	DEVILS LAKE VOR-DME
DME	AWY-LO	-98.91251	10,668 m		
SCULY	V430	48.13925	35,000 ft	13	-
FIX	AWY-LO	-99.25503	10,668 m		
CAREW	V430	48.15788	35,000 ft	11	-
FIX	AWY-LO	-99.53132	10,668 m		
BALTA	V430	48.19075	35,000 ft	20	-
FIX	AWY-LO	-100.04756	10,668 m		
ORMIE	V430	48.24350	35,000 ft	36	-
FIX	AWY-LO	-100.96383	10,668 m		
MOT	V430	48.26033	35,000 ft	12	MINOT VORTAC
VOR	AWY-LO	-101.28706	10,668 m		
CUDRI	V430	48.26245	35,000 ft	12	-
FIX	AWY-LO	-101.61132	10,668 m		
WELOG	V430	48.26275	35,000 ft	2	-
FIX	AWY-LO	-101.67119	10,668 m		
RENLY	V430	48.25258	35,000 ft	40	-
FIX	AWY-LO	-102.69500	10,668 m		
ISN	V430	48.25342	35,000 ft	42	WILLISTON VORTAC
VOR	AWY-LO	-103.75067	10,668 m		
RILMY	V430	48.15429	35,000 ft	45	-
FIX	AWY-LO	-104.86866	10,668 m		
DORIA	V430	48.08607	35,000 ft	28	-
FIX	AWY-LO	-105.57272	10,668 m		
GGW	V430	48.21531	35,000 ft	42	GLASGOW VOR-DME
VOR	AWY-LO	-106.62542	10,668 m		
21YQL	J478	49.00746	35,000 ft	132	-
FIX	AWY-HI	-109.73596	10,668 m		
YQL	J478	49.63444	35,000 ft	120	LETHBRIDGE VOR-DME
VOR	AWY-HI	-112.66786	10,668 m		
COWLE	V300	49.61472	35,000 ft	53	-
FIX	AWY-LO	-114.03833	10,668 m		
FIRNI	V300	49.58667	35,000 ft	42	-
FIX	AWY-LO	-115.13944	10,668 m		
YXC	V300	49.55499	35,000 ft	36	CRANBROOK VOR-DME
VOR	AWY-LO	-116.08770	10,668 m		
ERVYN	J500	49.53000	35,000 ft	37	-
FIX	AWY-HI	-117.04167	10,668 m		
LOCAN	V300	49.51250	35,000 ft	19	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-117.55194	10,668 m		
DASBI	V300	49.49333	35,000 ft	19	-
FIX	AWY-LO	-118.06167	10,668 m		
EMETO	J500	49.41464	32,400 ft	67	-
FIX	AWY-HI	-119.78878	9,876 m		
YDC	J500	49.38156	27,500 ft	22	PRINCETON VOR-DME
VOR	AWY-HI	-120.37378	8,382 m		
CILLI	V342	49.06389	18,000 ft	44	-
FIX	AWY-LO	-121.39528	5,486 m		
CYYJ	-	48.64733	0 ft	84	Victoria Intl
APT	-	-123.42655	0 m		

## KHPN

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 2

Elevation: 437 ft / 133 m  
Location: 41.066700 -73.707600  
Magnetic Var: 12.931 W

## METAR

KHPN 200556Z 31003KT 10SM CLR 13/11 A3003 RMK A02 SLP166 T01280111 10178 20122 58002

## TAF

KHPN 200539Z 2006/2106 VRB04KT P6SM SCT035 FM200800 VRB03KT P6SM BKN015 FM201400 10005KT P6SM SCT025 FM201600 150

## Frequencies

REC - 133.80 MHz - ATIS	COM - 122.95 MHz - UNICOM
COM - 118.57 MHz - CTAF	CLD - 127.25 MHz - CLNC DEL
GND - 121.82 MHz -	TWR - 118.57 MHz -
APP - 120.80 MHz - NEW YORK APP	APP - 124.65 MHz - NEW YORK APP
APP - 126.40 MHz - NEW YORK APP	DEP - 120.55 MHz - NEW YORK DEP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	151 ft	4,441 ft	102.45	ASPHALT	0 ft	0 ft
	46 m	1,354 m	115.38		0 m	0 m
29	151 ft	4,441 ft	282.46	ASPHALT	1,296 ft	0 ft
	46 m	1,354 m	295.39		395 m	0 m
16	151 ft	6,551 ft	149.99	ASPHALT	0 ft	200 ft
	46 m	1,997 m	162.92		0 m	61 m
34	151 ft	6,551 ft	330.00	ASPHALT	0 ft	200 ft
	46 m	1,997 m	342.93		0 m	61 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	DME	IHPN	109.70 MHz	18 nm	-	-	439 ft
				33 km	-		439 m
34	DME	IQJZ	109.70 MHz	18 nm	-	-	439 ft
				33 km	-		439 m
16	LOC-ILS	IHPN	109.70 MHz	18 nm	150.01	-	439 ft
				33 km	162.94		439 m
34	LOC-ILS	IQJZ	109.70 MHz	18 nm	330.00	-	439 ft
				33 km	342.93		439 m
16	GS	IHPN	109.70 MHz	10 nm	150.99	3.00	422 ft
				19 km	163.92		422 m
34	GS	IQJZ	109.70 MHz	10 nm	330.99	3.00	377 ft
				19 km	343.92		377 m

## CYYJ

Region: CANADA

Timezone: AMERICA/VANCOUVER

Runways: 3

Elevation: 62 ft / 19 m

Location: 48.647900 -123.428000

Magnetic Var: 15.192 E

## METAR

CYYJ 200600Z 27006KT 30SM SKC 09/08 A3022 RMK SLP237

## TAF

TAF TAF CYYJ 200540Z 2006/2106 25005KT P6SM FEW050 FM201600 VRB03KT P6SM SCT040 BKN150 BECMG 2018/2020 11010KT FM210000 20005KT P6SM SCT040 BKN150

## Frequencies

REC - 118.80 MHz - ATIS

CLD - 126.40 MHz - CLEARANCE DELIVERY

TWR - 119.70 MHz - VICTORIA TOWER

APP - 125.95 MHz - VICTORIA APPROACH

COM - 119.70 MHz - CTAF

GND - 121.90 MHz - VICTORIA GROUND

DEP - 133.85 MHz - VICTORIA DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	200 ft	6,962 ft	106.09	ASPHALT	0 ft	0 ft
	61 m	2,122 m	90.90		0 m	0 m
27	200 ft	6,962 ft	286.11	ASPHALT	0 ft	52 ft
	61 m	2,122 m	270.92		0 m	16 m
02	200 ft	5,019 ft	43.95	ASPHALT	1,404 ft	0 ft
	61 m	1,530 m	28.75		428 m	0 m
20	200 ft	5,019 ft	223.96	ASPHALT	879 ft	0 ft
	61 m	1,530 m	208.77		268 m	0 m
13	200 ft	4,991 ft	152.19	ASPHALT	427 ft	0 ft
	61 m	1,521 m	137.00		130 m	0 m
31	200 ft	4,991 ft	332.20	ASPHALT	0 ft	0 ft
	61 m	1,521 m	317.01		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	IKH	108.70 MHz	18 nm	-	-	63 ft
				33 km	-		63 m
27	DME	IYJ	108.70 MHz	18 nm	-	-	63 ft
				33 km	-		63 m
09	LOC-ILS	IKH	108.70 MHz	18 nm	106.06	-	62 ft
				33 km	90.87		62 m
27	LOC-ILS	IYJ	109.95 MHz	18 nm	286.06	-	62 ft
				33 km	270.87		62 m
09	GS	IKH	108.70 MHz	10 nm	106.06	3.00	62 ft
				19 km	90.87		62 m
27	GS	IYJ	109.95 MHz	10 nm	286.06	3.00	62 ft
				19 km	270.87		62 m