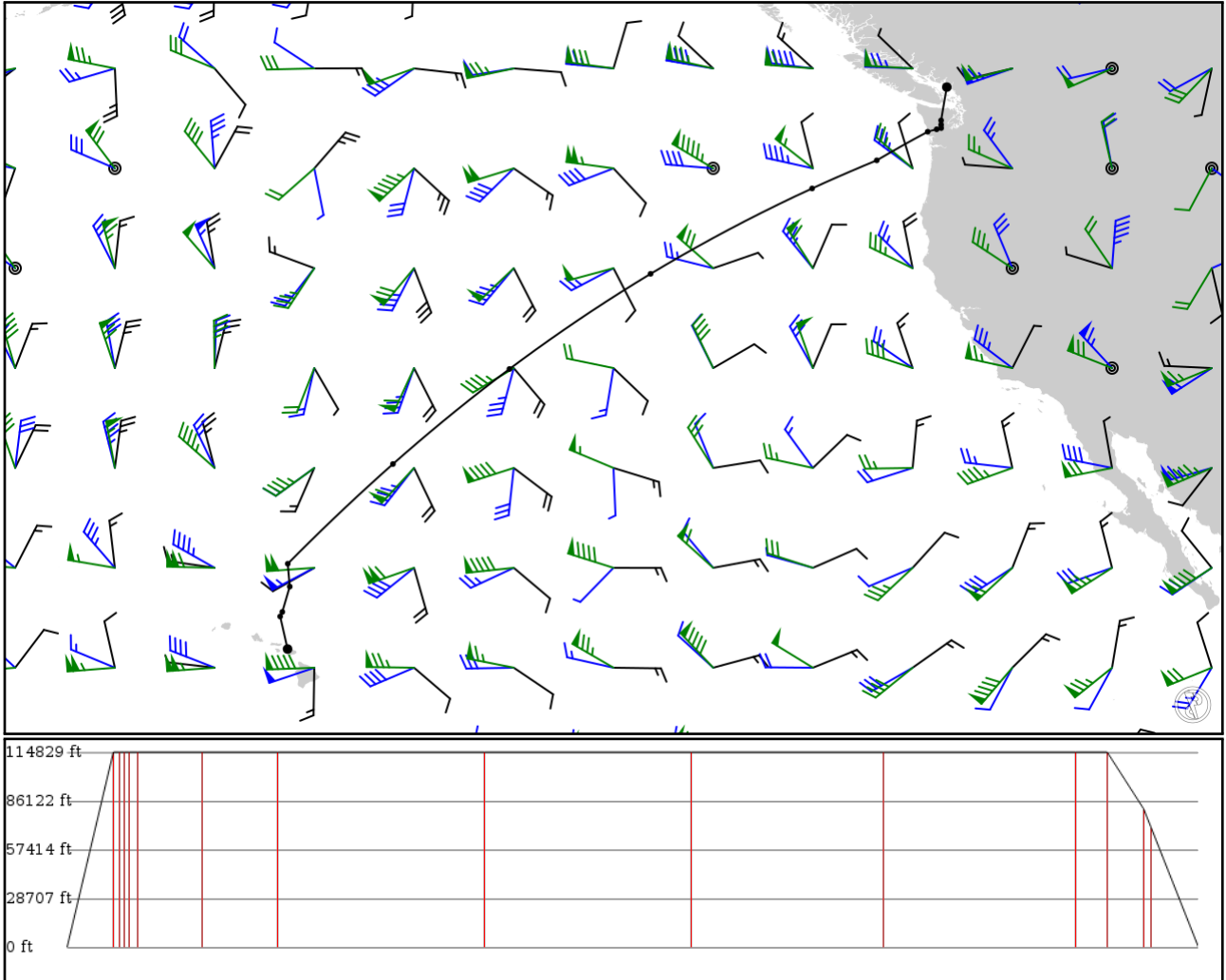


2024/05/07 2032Z

CYVR QUINN T263 ULESS V27 HQM C1418 SEDAR A331 ZOULU APACK R463 TOADS FREDI PHOG

2435.84 nm / 4511.18 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
CYVR	-	49.19400	0 ft	-	Vancouver
APT	-	-123.18500	0 m		
QUIIN	-	47.51500	35,000 ft	101	-
FIX	-	-123.47200	10,668 m		
MTLOK	T263	47.29840	35,000 ft	13	-
FIX	AWY-LO	-123.47100	10,668 m		
ULESS	T263	47.13180	35,000 ft	10	-
FIX	AWY-LO	-123.47000	10,668 m		
OZALU	V27	47.07070	35,000 ft	9	-
FIX	AWY-LO	-123.69700	10,668 m		
HQM	V27	46.94700	35,000 ft	19	HOQUIAM
VOR	AWY-LO	-124.14900	10,668 m		
SEDAR	C1418	45.50710	35,000 ft	137	-
FIX	AWY-HI	-126.71700	10,668 m		
ZANNG	A331	44.09280	35,000 ft	162	-
FIX	AWY-HI	-129.97700	10,668 m		
ZAGER	A331	39.79280	35,000 ft	445	-
FIX	AWY-HI	-138.12400	10,668 m		
ZINNO	A331	35.00000	35,000 ft	444	-
FIX	AWY-HI	-145.24200	10,668 m		
ZEMOM	A331	30.21560	35,000 ft	413	-
FIX	AWY-HI	-151.11700	10,668 m		
ZOULU	A331	25.19580	35,000 ft	412	-
FIX	AWY-HI	-156.42100	10,668 m		
APACK	-	24.04370	35,000 ft	69	-
FIX	-	-156.32000	10,668 m		
TOADS	R463	22.76930	24,800 ft	79	-
FIX	AWY-HI	-156.69600	7,559 m		
FREDI	-	22.54010	21,500 ft	15	-
FIX	-	-156.80500	6,553 m		
PHOG	-	20.89860	0 ft	100	Kahului
APT	-	-156.43000	0 m		

CYVR

Region: CANADA
Timezone: AMERICA/VANCOUVER
Runways: 3

Elevation: 13 ft / 4 m
Location: 49.194000 -123.185000
Magnetic Var: 15.269 E

METAR

UNKNOWN

TAF

TAF CYVR 071740Z 0718/0824 28018KT P6SM SCT040 BECMG 0722/0724 26012KT SKC FM080300 26012KT P6SM SKC BECMG 0807/0810 28018KT P6SM SCT040

Frequencies

REC - 124.60 MHz - ATIS	CLD - 121.40 MHz - CLEARANCE DELIVERY
GND - 121.70 MHz - VANCOUVER GROUND	GND - 127.50 MHz - VANCOUVER GROUND
TWR - 118.70 MHz - VANCOUVER TOWER	TWR - 119.55 MHz - VANCOUVER TOWER
APP - 128.60 MHz - VANCOUVER APPROACH	APP - 133.10 MHz - VANCOUVER APPROACH
DEP - 126.12 MHz - VANCOUVER DEPARTURE	DEP - 132.30 MHz - VANCOUVER DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08R	200 ft	10,777 ft	99.88	ASPHALT	0 ft	0 ft
	61 m	3,285 m	84.61		0 m	0 m
26L	200 ft	10,777 ft	279.91	ASPHALT	0 ft	0 ft
	61 m	3,285 m	264.64		0 m	0 m
13	200 ft	7,294 ft	141.92	ASPHALT	0 ft	0 ft
	61 m	2,223 m	126.65		0 m	0 m
31	200 ft	7,294 ft	321.93	ASPHALT	0 ft	0 ft
	61 m	2,223 m	306.66		0 m	0 m
08L	200 ft	9,916 ft	99.89	CONCRETE	0 ft	0 ft
	61 m	3,022 m	84.62		0 m	0 m
26R	200 ft	9,916 ft	279.92	CONCRETE	0 ft	0 ft
	61 m	3,022 m	264.65		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	ITL	110.55 MHz	18 nm	-	-	1 ft
				33 km	-		1 m
08R	DME	IVR	109.50 MHz	18 nm	-	-	4 ft
				33 km	-		4 m
26L	DME	IFZ	111.95 MHz	20 nm	-	-	10 ft
				37 km	-		10 m
26R	DME	IRD	110.70 MHz	20 nm	-	-	10 ft
				37 km	-		10 m
08L	LOC-ILS	ITL	110.55 MHz	18 nm	99.90	-	13 ft
				33 km	84.63		13 m
08R	LOC-ILS	IVR	109.50 MHz	18 nm	99.89	-	13 ft
				33 km	84.62		13 m
13	LOC-ILS	IMK	111.10 MHz	18 nm	141.93	-	13 ft
				33 km	126.66		13 m
26L	LOC-ILS	IFZ	110.70 MHz	18 nm	279.89	-	13 ft
				33 km	264.62		13 m
26R	LOC-ILS	IRD	111.95 MHz	18 nm	279.90	-	13 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	264.63		13 m
08L	GS	ITL	110.55 MHz	10 nm	99.90	3.00	13 ft
				19 km	84.63		13 m
08R	GS	IVR	109.50 MHz	10 nm	99.89	3.00	13 ft
				19 km	84.62		13 m
13	GS	IMK	111.10 MHz	10 nm	141.93	3.00	13 ft
				19 km	126.66		13 m
26L	GS	IFZ	110.70 MHz	10 nm	279.89	3.00	13 ft
				19 km	264.62		13 m
26R	GS	IRD	111.95 MHz	10 nm	279.90	3.00	13 ft
				19 km	264.63		13 m

PHOG

Region: USA (HAWAII)
Timezone: PACIFIC/HONOLULU
Runways: 2

Elevation: 53 ft / 16 m
Location: 20.898600 -156.430000
Magnetic Var: 9.307 E

METAR

PHOG 071954Z 06013G23KT 10SM FEW028 SCT045 26/18 A3005

TAF

TAF PHOG 071749Z 0718/0818 05010KT P6SM SCT045 FM072000 05016G26KT P6SM SCT045 SCT070 FM080400 05012KT P6SM FEW03

Frequencies

REC - 128.60 MHz - ATIS	GND - 121.90 MHz - MAUI GROUND
TWR - 118.70 MHz - MAUI TOWER	CLD - 120.60 MHz - MAUI CLEARANCE
APP - 119.50 MHz - MAUI APPROACH	APP - 120.20 MHz - MAUI APPROACH
DEP - 119.50 MHz - MAUI DEPARTURE	DEP - 120.20 MHz - MAUI DEPARTURE
COM - 122.95 MHz - KAHULUI UNICOM	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	150 ft	7,017 ft	34.83	ASPHALT	0 ft	226 ft
	46 m	2,139 m	25.52		0 m	69 m
20	150 ft	7,017 ft	214.83	ASPHALT	0 ft	397 ft
	46 m	2,139 m	205.53		0 m	121 m
05	150 ft	4,983 ft	64.87	ASPHALT	0 ft	0 ft
	46 m	1,519 m	55.56		0 m	0 m
23	150 ft	4,983 ft	244.88	ASPHALT	0 ft	0 ft
	46 m	1,519 m	235.57		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	DME	IOGG	110.10 MHz	18 nm	-	-	46 ft
				33 km	-		46 m
02	LOC-ILS	IOGG	110.10 MHz	18 nm	34.83	-	53 ft
				33 km	25.52		53 m
02	GS	IOGG	110.10 MHz	10 nm	34.83	3.10	53 ft
				19 km	25.52		53 m