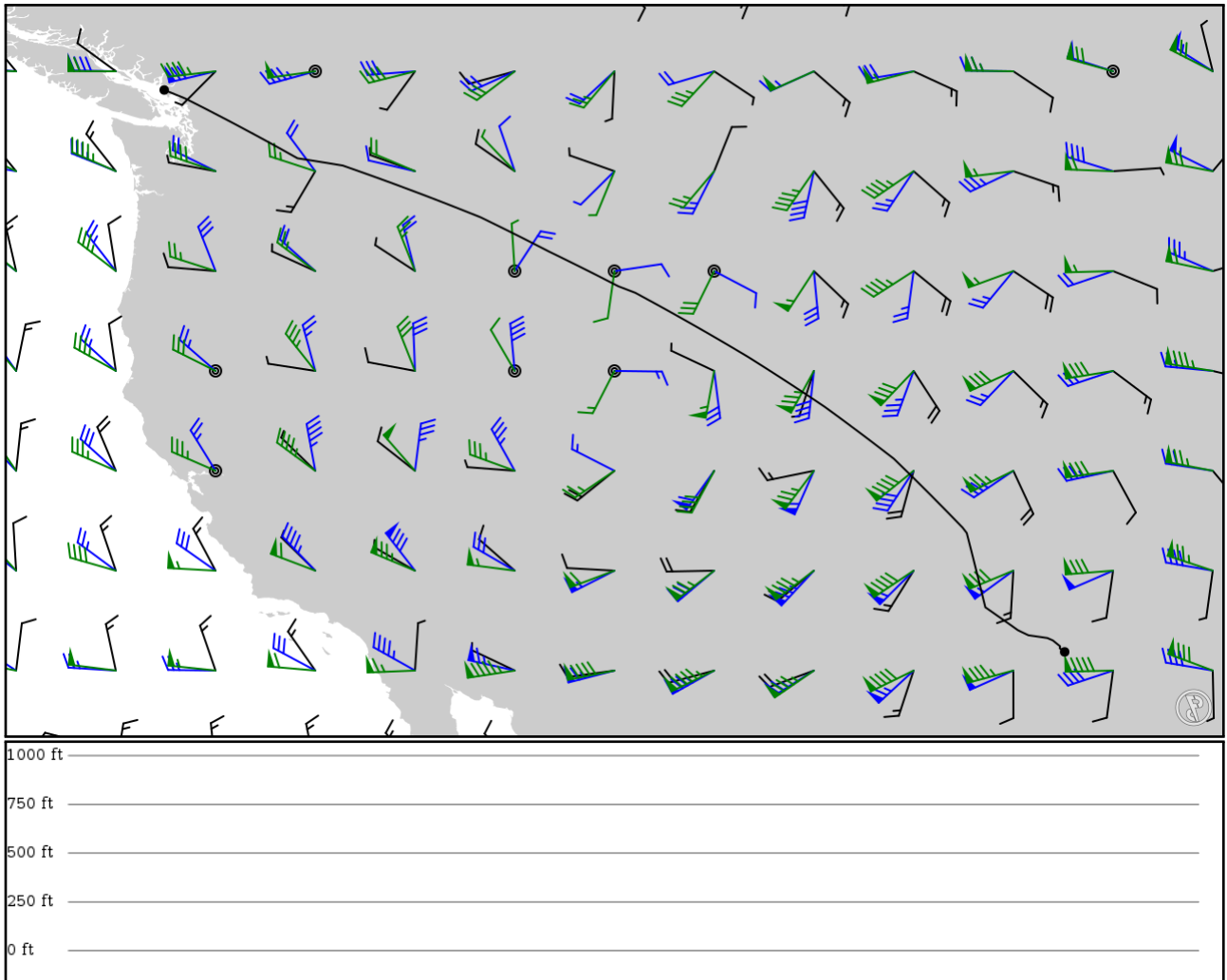


2024/05/28 2254Z

CYVR HUH MWH KS12I KU03M KU870 KU81Q GANNE OPPEE KD60W KD51Y KK39A MMB 3419N09934W 3353N09840W  
3349N09832W 3338N09809W 3330N09754W 3323N09738W 3306N09717W POPPA KDFW

1560.35 nm / 2889.77 km



## Notes

Requested: CYVR HUH MWH KS12I KU03M KU870 KU81Q GANNE OPPEE KD60W KD51Y KK39A MMB 3419N09934W 3353N09840W 3349N09832W 3338N09809W 3330N09754W 3323N09738W 3306N09717W POPPA KDFW

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
CYVR	-	49.19233	0 ft	-	Vancouver Intl
APT	-	-123.18799	0 m		
HUH	-	48.94528	0 ft	28	WHATCOM VORTAC
VOR	-	-122.57925	0 m		
MWH	-	47.21086	0 ft	167	MOSES LAKE VOR-DME
VOR	-	-119.31681	0 m		
KS12I	-	47.00000	0 ft	55	-
FIX	-	-118.00000	0 m		
KU03M	-	45.50000	0 ft	188	-
FIX	-	-114.00000	0 m		
KU870	-	44.50000	0 ft	104	-
FIX	-	-112.00000	0 m		
KU81Q	-	43.50000	0 ft	105	-
FIX	-	-110.00000	0 m		
GANNE	-	43.31033	0 ft	24	-
FIX	-	-109.50662	0 m		
OPPEE	-	41.45919	0 ft	182	-
FIX	-	-106.24502	0 m		
KD60W	-	40.00000	0 ft	134	-
FIX	-	-104.00000	0 m		
KD51Y	-	38.50000	0 ft	129	-
FIX	-	-102.00000	0 m		
KK39A	-	36.50000	0 ft	153	-
FIX	-	-100.00000	0 m		
MMB	-	36.34372	0 ft	11	MITBEE VORTAC
VOR	-	-99.88011	0 m		
3419N09934W	-	34.19000	0 ft	132	-
LATLON	-	-99.34000	0 m		
3353N09840W	-	33.53000	0 ft	61	-
LATLON	-	-98.40000	0 m		
3349N09832W	-	33.49000	0 ft	4	-
LATLON	-	-98.32000	0 m		
3338N09809W	-	33.38000	0 ft	13	-
LATLON	-	-98.09000	0 m		
3330N09754W	-	33.30000	0 ft	28	-
LATLON	-	-97.54000	0 m		
3323N09738W	-	33.23000	0 ft	9	-
LATLON	-	-97.38000	0 m		
3306N09717W	-	33.06000	0 ft	14	-
LATLON	-	-97.17000	0 m		
POPPA	-	33.00300	0 ft	3	-
FIX	-	-97.17942	0 m		
KDFW	-	32.89711	0 ft	9	Dallas Fort Worth Intl
APT	-	-97.03655	0 m		

## CYVR

Region: CANADA  
Timezone: AMERICA/VANCOUVER  
Runways: 3

Elevation: 13 ft / 4 m  
Location: 49.194000 -123.185000  
Magnetic Var: 15.260 E

## METAR

CYVR 282200Z 15005KT 130V190 20SM FEW010 SCT023 BKN092 OVC100 14/11 A3008 RMK SC1SC4AC1AC3 SC TR SLP187

## TAF

TAF CYVR 282041Z 2821/2924 15007KT P6SM -RA SCT020 BKN060 TEMPO 2821/2822 4SM -RA BR SCT006 BKN020 OVC060 FM282200

## 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	84.62		0 m	0 m
26L	200 ft	10,777 ft	279.91	ASPHALT	0 ft	0 ft
	61 m	3,285 m	264.65		0 m	0 m
13	200 ft	7,294 ft	141.92	ASPHALT	0 ft	0 ft
	61 m	2,223 m	126.66		0 m	0 m
31	200 ft	7,294 ft	321.93	ASPHALT	0 ft	0 ft
	61 m	2,223 m	306.67		0 m	0 m
08L	200 ft	9,916 ft	99.89	CONCRETE	0 ft	0 ft
	61 m	3,022 m	84.63		0 m	0 m
26R	200 ft	9,916 ft	279.92	CONCRETE	0 ft	0 ft
	61 m	3,022 m	264.66		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	84.64		13 m
08R	LOC-ILS	IVR	109.50 MHz	18 nm	99.89	-	13 ft
				33 km	84.63		13 m
13	LOC-ILS	IMK	111.10 MHz	18 nm	141.93	-	13 ft
				33 km	126.67		13 m
26L	LOC-ILS	IFZ	110.70 MHz	18 nm	279.89	-	13 ft
				33 km	264.63		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	264.64		13 m
08L	GS	ITL	110.55 MHz	10 nm	99.90	3.00	13 ft
				19 km	84.64		13 m
08R	GS	IVR	109.50 MHz	10 nm	99.89	3.00	13 ft
				19 km	84.63		13 m
13	GS	IMK	111.10 MHz	10 nm	141.93	3.00	13 ft
				19 km	126.67		13 m
26L	GS	IFZ	110.70 MHz	10 nm	279.89	3.00	13 ft
				19 km	264.63		13 m
26R	GS	IRD	111.95 MHz	10 nm	279.90	3.00	13 ft
				19 km	264.64		13 m

## KDFW

Region: UNITED STATES  
Timezone: AMERICA/CHICAGO  
Runways: 7

Elevation: 604 ft / 184 m  
Location: 32.897200 -97.037700  
Magnetic Var: 2.725 E

## METAR

KDFW 282153Z 03012G22KT 10SM FEW035 SCT110 BKN140 BKN250 26/19 A3005 RMK A02 SLP168 CB DSNT N-E-SE MOV SE T0261018

## TAF

KDFW 282111Z 2821/2924 08011KT P6SM VCTS FEW050CB BKN250 FM290000 12010KT P6SM FEW050 BKN250 FM290500 09009KT P6S

## Frequencies

REC - 123.77 MHz - ATIS ARRIVAL  
COM - 122.95 MHz - UNICOM  
GND - 121.65 MHz - RGNL GND EAST 1  
GND - 121.85 MHz - RGNL GND WEST  
TWR - 127.50 MHz - RGNL TWR EAST 2  
TWR - 124.15 MHz - RGNL TWR WEST 2  
APP - 133.52 MHz - RGNL APP EAST 3  
APP - 119.87 MHz - RGNL APP WEST 2  
DEP - 124.82 MHz - RGNL DEP NORTH 1  
DEP - 126.47 MHz - RGNL DEP WEST 1

REC - 135.92 MHz - ATIS DEPARTURE  
CLD - 128.25 MHz - CLNC DEL  
GND - 121.80 MHz - RGNL GND EAST 2  
TWR - 126.55 MHz - RGNL TWR EAST 1  
TWR - 134.90 MHz - RGNL TWR WEST 1  
APP - 125.02 MHz - RGNL APP EAST 1  
APP - 133.62 MHz - RGNL APP WEST 1  
DEP - 118.55 MHz - RGNL DEP EAST 1  
DEP - 125.12 MHz - RGNL DEP SOUTH 1

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17C	151 ft	13,440 ft	180.26	CONCRETE	0 ft	413 ft
	46 m	4,097 m	177.54		0 m	126 m
35C	151 ft	13,440 ft	0.26	CONCRETE	0 ft	299 ft
	46 m	4,097 m	357.54		0 m	91 m
17L	151 ft	8,523 ft	180.25	CONCRETE	0 ft	400 ft
	46 m	2,598 m	177.53		0 m	122 m
35R	151 ft	8,523 ft	0.25	CONCRETE	0 ft	407 ft
	46 m	2,598 m	357.53		0 m	124 m
18R	151 ft	13,439 ft	180.25	CONCRETE	0 ft	404 ft
	46 m	4,096 m	177.53		0 m	123 m
36L	151 ft	13,439 ft	0.25	CONCRETE	0 ft	299 ft
	46 m	4,096 m	357.53		0 m	91 m
17R	200 ft	13,439 ft	180.26	CONCRETE	0 ft	400 ft
	61 m	4,096 m	177.53		0 m	122 m
35L	200 ft	13,439 ft	0.26	CONCRETE	0 ft	400 ft
	61 m	4,096 m	357.53		0 m	122 m
18L	200 ft	13,439 ft	180.25	CONCRETE	0 ft	404 ft
	61 m	4,096 m	177.52		0 m	123 m
36R	200 ft	13,439 ft	0.25	CONCRETE	0 ft	394 ft
	61 m	4,096 m	357.52		0 m	120 m
13R	151 ft	9,309 ft	139.18	CONCRETE	0 ft	397 ft
	46 m	2,837 m	136.46		0 m	121 m
31L	151 ft	9,309 ft	319.19	CONCRETE	0 ft	400 ft
	46 m	2,837 m	316.47		0 m	122 m
13L	200 ft	9,010 ft	135.41	CONCRETE	630 ft	299 ft
	61 m	2,746 m	132.68		192 m	91 m
31R	200 ft	9,010 ft	315.42	CONCRETE	0 ft	299 ft
	61 m	2,746 m	312.69		0 m	91 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13R	DME	ILWN	109.50 MHz	18 nm	-	-	590 ft
				33 km	-		590 m
17C	DME	IFLQ	110.30 MHz	18 nm	-	-	575 ft
				33 km	-		575 m
17L	DME	IPPZ	111.75 MHz	18 nm	-	-	603 ft
				33 km	-		603 m
17R	DME	IJHZ	111.35 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
18L	DME	ICIX	110.55 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
18R	DME	IVYN	111.90 MHz	18 nm	-	-	584 ft
				33 km	-		584 m
31R	DME	IRRA	110.90 MHz	18 nm	-	-	548 ft
				33 km	-		548 m
35C	DME	IPKQ	110.30 MHz	18 nm	-	-	603 ft
				33 km	-		603 m
35L	DME	IUWX	111.35 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
35R	DME	IAJQ	111.75 MHz	18 nm	-	-	603 ft
				33 km	-		603 m
36L	DME	IBXN	111.90 MHz	18 nm	-	-	584 ft
				33 km	-		584 m
36R	DME	IFJN	110.55 MHz	18 nm	-	-	607 ft
				33 km	-		607 m
13R	LOC-ILS	ILWN	109.50 MHz	18 nm	139.19	-	577 ft
				33 km	136.46		577 m
17C	LOC-ILS	IFLQ	110.30 MHz	18 nm	180.26	-	563 ft
				33 km	177.54		563 m
17L	LOC-ILS	IPPZ	111.75 MHz	18 nm	180.27	-	570 ft
				33 km	177.54		570 m
17R	LOC-ILS	IJHZ	111.35 MHz	18 nm	180.26	-	558 ft
				33 km	177.53		558 m
18L	LOC-ILS	ICIX	110.55 MHz	18 nm	180.25	-	570 ft
				33 km	177.52		570 m
18R	LOC-ILS	IVYN	111.90 MHz	18 nm	180.25	-	580 ft
				33 km	177.53		580 m
31R	LOC-ILS	IRRA	110.90 MHz	18 nm	315.40	-	552 ft
				33 km	312.67		552 m
35C	LOC-ILS	IPKQ	110.30 MHz	18 nm	0.26	-	558 ft
				33 km	357.53		558 m
35L	LOC-ILS	IUWX	111.35 MHz	18 nm	0.26	-	607 ft
				33 km	357.53		607 m
35R	LOC-ILS	IAJQ	111.75 MHz	18 nm	0.27	-	607 ft
				33 km	357.54		607 m
36L	LOC-ILS	IBXN	111.90 MHz	18 nm	0.25	-	598 ft
				33 km	357.53		598 m
36R	LOC-ILS	IFJN	110.55 MHz	18 nm	0.25	-	595 ft
				33 km	357.52		595 m
13R	GS	ILWN	109.50 MHz	10 nm	139.37	3.00	589 ft
				19 km	136.64		589 m
17C	GS	IFLQ	110.30 MHz	10 nm	180.53	3.00	562 ft
				19 km	177.80		562 m
17L	GS	IPPZ	111.75 MHz	10 nm	180.54	3.00	532 ft
				19 km	177.81		532 m
17R	GS	IJHZ	111.35 MHz	10 nm	180.52	3.00	567 ft
				19 km	177.79		567 m
18L	GS	ICIX	110.55 MHz	10 nm	180.49	3.00	594 ft
				19 km	177.77		594 m
18R	GS	IVYN	111.90 MHz	10 nm	180.50	3.00	601 ft
				19 km	177.77		601 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				19 km	177.78		601 m
31R	GS	IRRA	110.90 MHz	10 nm	315.80	3.00	513 ft
				19 km	313.07		513 m
35C	GS	IPKQ	110.30 MHz	10 nm	0.52	3.00	563 ft
				19 km	357.79		563 m
35L	GS	IUWX	111.35 MHz	10 nm	0.52	3.00	564 ft
				19 km	357.79		564 m
35R	GS	IAJQ	111.75 MHz	10 nm	0.54	3.00	565 ft
				19 km	357.81		565 m
36L	GS	IBXN	111.90 MHz	10 nm	0.50	3.00	584 ft
				19 km	357.78		584 m
36R	GS	IFJN	110.55 MHz	10 nm	0.49	3.00	577 ft
				19 km	357.77		577 m