

KMSP

Minneapolis-St Paul International Airport

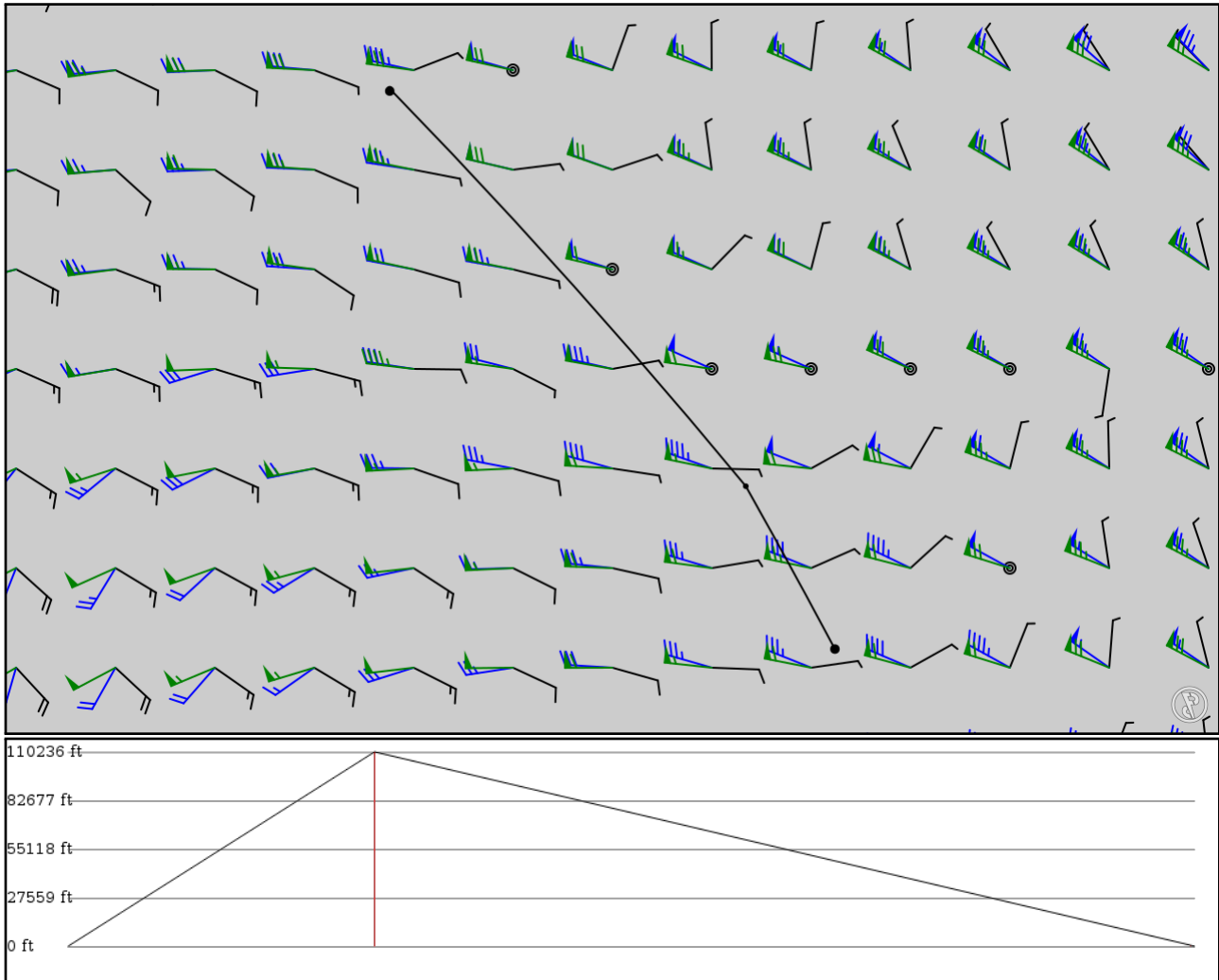
CYWG

WINNIPEG INTL

2024/06/16 0938Z

KMSP BRD **J25** YWG CYWG

346.11 nm / 640.99 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		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
KMSP	-	44.88190	0 ft	-		Minneapolis-St Paul International Airport
APT	-	-93.22200	0 m			
BRD	-	46.34830	33,600 ft	94		BRAINERD VORTAC
DME	-	-94.02600	10,241 m			
YWG	J25	49.92780	200 ft	250		WINNIPEG
VOR	AWY-HI	-97.23920	61 m			
CYWG	-	49.90710	0 ft	1		WINNIPEG INTL
APT	-	-97.23930	0 m			

KMSP

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 4

Elevation: 841 ft / 256 m
Location: 44.881900 -93.222000
Magnetic Var: 0.284 W

METAR

KMSP 160853Z 15010KT 10SM FEW034 BKN060 18/17 A2967 RMK AO2 RAE35 SLP045 P0004 60066 T01780167 56025

TAF

KMSP 160850Z 1609/1712 17011KT P6SM FEW030 BKN050 OVC100 FM161500 20012G20KT P6SM BKN025 OVC050 FM170000 23011KT

Frequencies

DEP - 132.97 MHz - MINNEAPOLIS DEPARTURE	DEP - 125.75 MHz - MINNEAPOLIS DEPARTURE
DEP - 124.70 MHz - MINNEAPOLIS DEPARTURE	APP - 126.95 MHz - MINNEAPOLIS APPROACH
APP - 119.30 MHz - MINNEAPOLIS APPROACH	APP - 118.72 MHz - MINNEAPOLIS APPROACH
TWR - 126.70 MHz - MINNEAPOLIS TOWER	TWR - 123.95 MHz - MINNEAPOLIS TOWER
TWR - 123.67 MHz - MINNEAPOLIS TOWER	GND - 133.57 MHz - MINNEAPOLIS GROUND
GND - 127.92 MHz - MINNEAPOLIS GROUND	GND - 121.90 MHz - MINNEAPOLIS GROUND
GND - 121.80 MHz - MINNEAPOLIS GROUND	REC - 120.80 MHz - MINNEAPOLIS D-ATIS
REC - 135.35 MHz - MINNEAPOLIS D-ATIS	COM - 122.95 MHz - MINNEAPOLIS UNICOM
CLD - 133.20 MHz - MINNEAPOLIS CLEARANCE DELIVERY	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17	150 ft	8,008 ft	169.56	CONCRETE	0 ft	397 ft
	46 m	2,441 m	169.84		0 m	121 m
35	150 ft	8,008 ft	349.56	CONCRETE	0 ft	394 ft
	46 m	2,441 m	349.84		0 m	120 m
12L	150 ft	8,190 ft	121.42	CONCRETE	0 ft	397 ft
	46 m	2,496 m	121.70		0 m	121 m
30R	150 ft	8,190 ft	301.44	CONCRETE	203 ft	394 ft
	46 m	2,496 m	301.72		62 m	120 m
12R	200 ft	9,985 ft	121.42	CONCRETE	0 ft	1,194 ft
	61 m	3,043 m	121.70		0 m	364 m
30L	200 ft	9,985 ft	301.44	CONCRETE	0 ft	781 ft
	61 m	3,043 m	301.73		0 m	238 m
04	150 ft	11,118 ft	44.90	CONCRETE	1,660 ft	0 ft
	46 m	3,389 m	45.19		506 m	0 m
22	150 ft	11,118 ft	224.92	CONCRETE	0 ft	410 ft
	46 m	3,389 m	225.21		0 m	125 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	IPJL	110.70 MHz	18 nm	-	-	813 ft
				33 km	-		813 m
12R	DME	IHKZ	110.30 MHz	18 nm	-	-	841 ft
				33 km	-		841 m
17	DME	ITJZ	110.95 MHz	18 nm	-	-	822 ft
				33 km	-		822 m
30L	DME	IMSP	110.30 MHz	18 nm	-	-	841 ft
				33 km	-		841 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30R	DME	IINN	110.70 MHz	18 nm	-	-	813 ft
				33 km	-		813 m
35	DME	IBMA	110.95 MHz	18 nm	-	-	822 ft
				33 km	-		822 m
12L	LOC-ILS	IPJL	110.70 MHz	18 nm	121.43	-	841 ft
				33 km	121.71		841 m
12R	LOC-ILS	IHKZ	110.30 MHz	18 nm	121.44	-	841 ft
				33 km	121.72		841 m
30L	LOC-ILS	IMSP	110.30 MHz	18 nm	301.44	-	841 ft
				33 km	301.72		841 m
30R	LOC-ILS	IINN	110.70 MHz	18 nm	301.43	-	841 ft
				33 km	301.71		841 m
35	LOC-ILS	IBMA	110.95 MHz	18 nm	349.56	-	841 ft
				33 km	349.84		841 m
04	LOC-LOC	IAPL	109.30 MHz	18 nm	44.92	-	841 ft
				33 km	45.20		841 m
17	LOC-LOC	ITJZ	110.95 MHz	18 nm	169.56	-	841 ft
				33 km	169.84		841 m
22	LOC-LOC	ISIJ	110.50 MHz	18 nm	224.92	-	841 ft
				33 km	225.20		841 m
12L	GS	IPJL	110.70 MHz	10 nm	121.43	3.00	841 ft
				19 km	121.71		841 m
12R	GS	IHKZ	110.30 MHz	10 nm	121.44	3.00	841 ft
				19 km	121.72		841 m
30L	GS	IMSP	110.30 MHz	10 nm	301.44	3.00	841 ft
				19 km	301.72		841 m
30R	GS	IINN	110.70 MHz	10 nm	301.43	3.00	841 ft
				19 km	301.71		841 m
35	GS	IBMA	110.95 MHz	10 nm	349.56	3.00	841 ft
				19 km	349.84		841 m

CYWG

Region: CANADA
Timezone: AMERICA/WINNIPEG
Runways: 2

Elevation: 783 ft / 239 m
Location: 49.907100 -97.239300
Magnetic Var: 2.576 E

METAR

CYWG 160909Z 18010G19KT 6SM TSRA BR OVC006 17/17 A2951 RMK SC8 CB EMBD CONS LTGIC N-S SLP996 DENSITY ALT 1700FT

TAF

TAF AMD CYWG 160832Z 1608/1706 17015G25KT P6SM SCT008 BKN025 TEMPO 1608/1609 VRB20G30KT 5SM VCTS BR BKN008 OVC050

Frequencies

REC - 120.20 MHz - ATIS	CLD - 121.30 MHz - CLNC DEL
GND - 121.90 MHz -	TWR - 126.90 MHz - INTL AIR
TWR - 118.30 MHz -	TWR - 125.40 MHz -
APP - 119.50 MHz - ARR	DEP - 119.90 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18	200 ft	11,010 ft	188.48	ASPHALT	0 ft	98 ft
	61 m	3,356 m	185.91		0 m	30 m
36	200 ft	11,010 ft	8.48	ASPHALT	0 ft	0 ft
	61 m	3,356 m	5.90		0 m	0 m
13	200 ft	8,696 ft	138.57	ASPHALT	0 ft	0 ft
	61 m	2,651 m	135.99		0 m	0 m
31	200 ft	8,696 ft	318.59	ASPHALT	0 ft	0 ft
	61 m	2,651 m	316.01		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	INP	109.50 MHz	18 nm	138.58	-	783 ft
				33 km	136.00		783 m
31	LOC-ILS	IHV	110.30 MHz	18 nm	318.58	-	783 ft
				33 km	316.00		783 m
36	LOC-ILS	IWG	109.90 MHz	18 nm	8.48	-	783 ft
				33 km	5.90		783 m
13	GS	INP	109.50 MHz	10 nm	138.58	3.00	783 ft
				19 km	136.00		783 m
31	GS	IHV	110.30 MHz	10 nm	318.58	3.00	783 ft
				19 km	316.00		783 m
36	GS	IWG	109.90 MHz	10 nm	8.48	3.00	783 ft
				19 km	5.90		783 m