KMSP

Minneapolis-St Paul International Airport

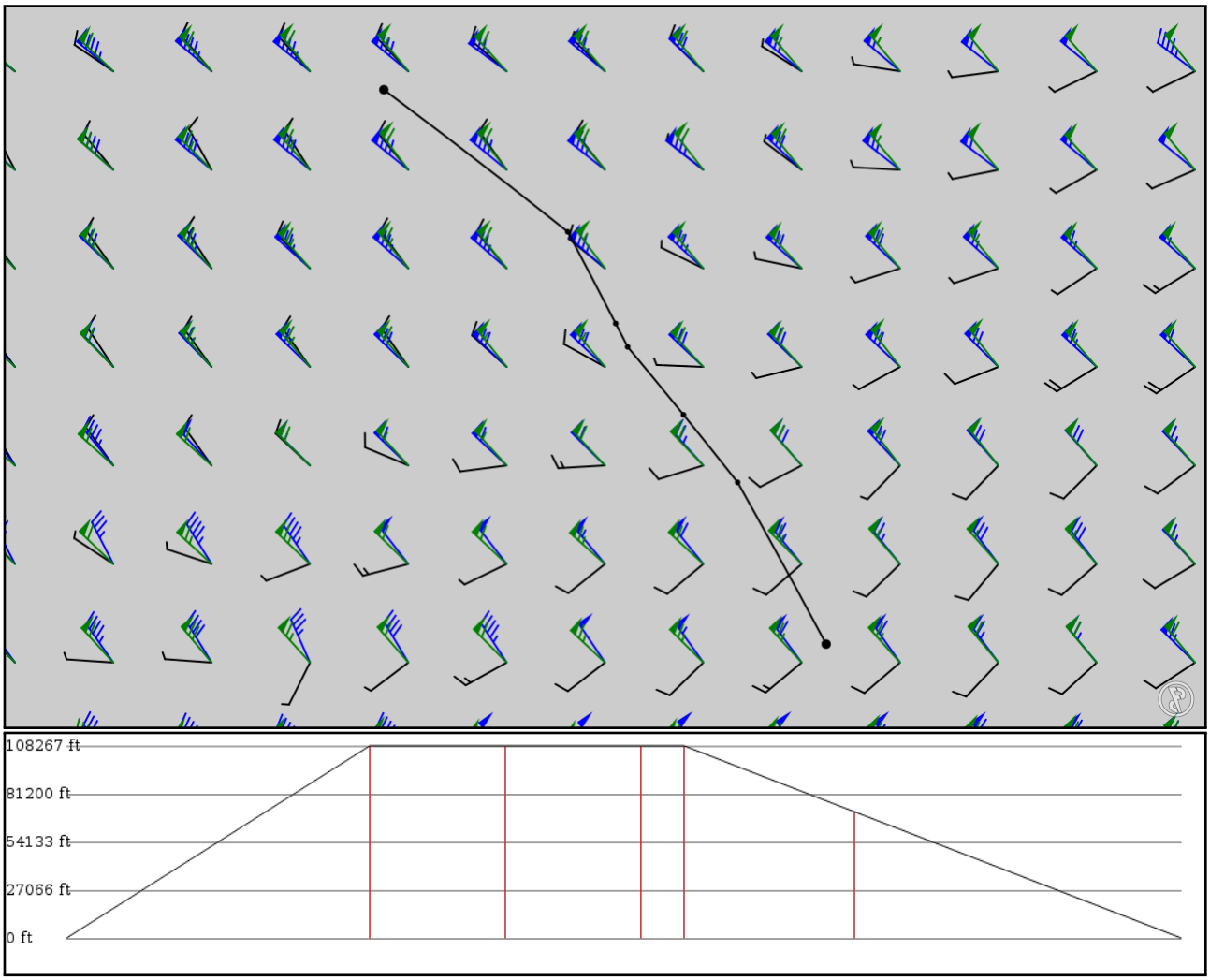
CYWG

WINNIPEG INTL

2024/03/19 0821Z

KMSP BRNRD **T383** BLUOX **V175** TITUE CYWG

346.33 nm / 641.40 km



Notes

Basic altitude profile:
- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 33000ft
- 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
KMSP APT	– –	44.88190 -93.22200	0 ft 0 m	–	Minneapolis-St Paul International Airport
BRNRD FIX	– –	46.34830 -94.02600	33,000 ft 10,058 m	94	–
RECOS FIX	T383 AWY-LO	46.96060 -94.51750	33,000 ft 10,058 m	41	–
BLUOX FIX	T383 AWY-LO	47.57590 -95.02470	33,000 ft 10,058 m	42	–
ORESE FIX	V175 AWY-LO	47.78830 -95.13380	33,000 ft 10,058 m	13	–
TITUE FIX	V175 AWY-LO	48.61930 -95.56890	21,700 ft 6,614 m	52	–
CYWG APT	– –	49.90710 -97.23930	0 ft 0 m	101	WINNIPEG INTL

KMSP

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 4
Elevation: 841 ft / 256 m
Location: 44.881900 -93.222000
Magnetic Var: 0.266 W

METAR

KMSP 190753Z 24011G19KT 10SM CLR 02/M14 A2967 RMK AO2 SLP055 T00221139

TAF

KMSP 190533Z 1906/2012 23016G26KT P6SM SCT250 WS020/24045KT FM190800 26012G20KT P6SM FEW250 FM191100 30015G24KT P

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 46 m	8,008 ft 2,441 m	169.56 169.82	CONCRETE	0 ft 0 m	397 ft 121 m
35	150 ft 46 m	8,008 ft 2,441 m	349.56 349.83	CONCRETE	0 ft 0 m	394 ft 120 m
12L	150 ft 46 m	8,190 ft 2,496 m	121.42 121.68	CONCRETE	0 ft 0 m	397 ft 121 m
30R	150 ft 46 m	8,190 ft 2,496 m	301.44 301.70	CONCRETE	203 ft 62 m	394 ft 120 m
12R	200 ft 61 m	9,985 ft 3,043 m	121.42 121.69	CONCRETE	0 ft 0 m	1,194 ft 364 m
30L	200 ft 61 m	9,985 ft 3,043 m	301.44 301.71	CONCRETE	0 ft 0 m	781 ft 238 m
04	150 ft 46 m	11,118 ft 3,389 m	44.90 45.17	CONCRETE	1,660 ft 506 m	0 ft 0 m
22	150 ft 46 m	11,118 ft 3,389 m	224.92 225.19	CONCRETE	0 ft 0 m	410 ft 125 m

Approach Navaids

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

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30R	DME	IINN	110.70 MHz	18 nm 33 km	– –	–	813 ft 813 m
35	DME	IBMA	110.95 MHz	18 nm 33 km	– –	–	822 ft 822 m
12L	LOC-ILS	IPJL	110.70 MHz	18 nm 33 km	121.43 121.70	–	841 ft 841 m
12R	LOC-ILS	IHKZ	110.30 MHz	18 nm 33 km	121.44 121.71	–	841 ft 841 m
30L	LOC-ILS	IMSP	110.30 MHz	18 nm 33 km	301.44 301.71	–	841 ft 841 m
30R	LOC-ILS	IINN	110.70 MHz	18 nm 33 km	301.43 301.70	–	841 ft 841 m
35	LOC-ILS	IBMA	110.95 MHz	18 nm 33 km	349.56 349.83	–	841 ft 841 m
04	LOC-LOC	IAPL	109.30 MHz	18 nm 33 km	44.92 45.19	–	841 ft 841 m
17	LOC-LOC	ITJZ	110.95 MHz	18 nm 33 km	169.56 169.83	–	841 ft 841 m
22	LOC-LOC	ISIJ	110.50 MHz	18 nm 33 km	224.92 225.19	–	841 ft 841 m
12L	GS	IPJL	110.70 MHz	10 nm 19 km	121.43 121.70	3.00	841 ft 841 m
12R	GS	IHKZ	110.30 MHz	10 nm 19 km	121.44 121.71	3.00	841 ft 841 m
30L	GS	IMSP	110.30 MHz	10 nm 19 km	301.44 301.71	3.00	841 ft 841 m
30R	GS	IINN	110.70 MHz	10 nm 19 km	301.43 301.70	3.00	841 ft 841 m
35	GS	IBMA	110.95 MHz	10 nm 19 km	349.56 349.83	3.00	841 ft 841 m

CYWG

Region: CANADA
Timezone: AMERICA/WINNIPEG
Runways: 2
Elevation: 783 ft / 239 m
Location: 49.907100 -97.239300
Magnetic Var: 2.594 E

METAR

CYWG 190800Z 32010KT 15SM FEW038 BKN059 BKN240 M01/M02 A2972 RMK SC2SC1CI4 SLP078

TAF

TAF CYWG 190541Z 1906/2006 31010KT P6SM BKN200 FM190800 33012KT P6SM BKN030 FM191000 33012KT P6SM BKN025 TEMPO 19

Frequencies

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

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18	200 ft 61 m	11,010 ft 3,356 m	188.48 185.89	ASPHALT	0 ft 0 m	98 ft 30 m
36	200 ft 61 m	11,010 ft 3,356 m	8.48 5.88	ASPHALT	0 ft 0 m	0 ft 0 m
13	200 ft 61 m	8,696 ft 2,651 m	138.57 135.98	ASPHALT	0 ft 0 m	0 ft 0 m
31	200 ft 61 m	8,696 ft 2,651 m	318.59 316.00	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	INP	109.50 MHz	18 nm 33 km	138.58 135.99	-	783 ft 783 m
31	LOC-ILS	IHV	110.30 MHz	18 nm 33 km	318.58 315.99	-	783 ft 783 m
36	LOC-ILS	IWG	109.90 MHz	18 nm 33 km	8.48 5.89	-	783 ft 783 m
13	GS	INP	109.50 MHz	10 nm 19 km	138.58 135.99	3.00	783 ft 783 m
31	GS	IHV	110.30 MHz	10 nm 19 km	318.58 315.99	3.00	783 ft 783 m
36	GS	IWG	109.90 MHz	10 nm 19 km	8.48 5.89	3.00	783 ft 783 m