

KMSP

Minneapolis St Paul Intl

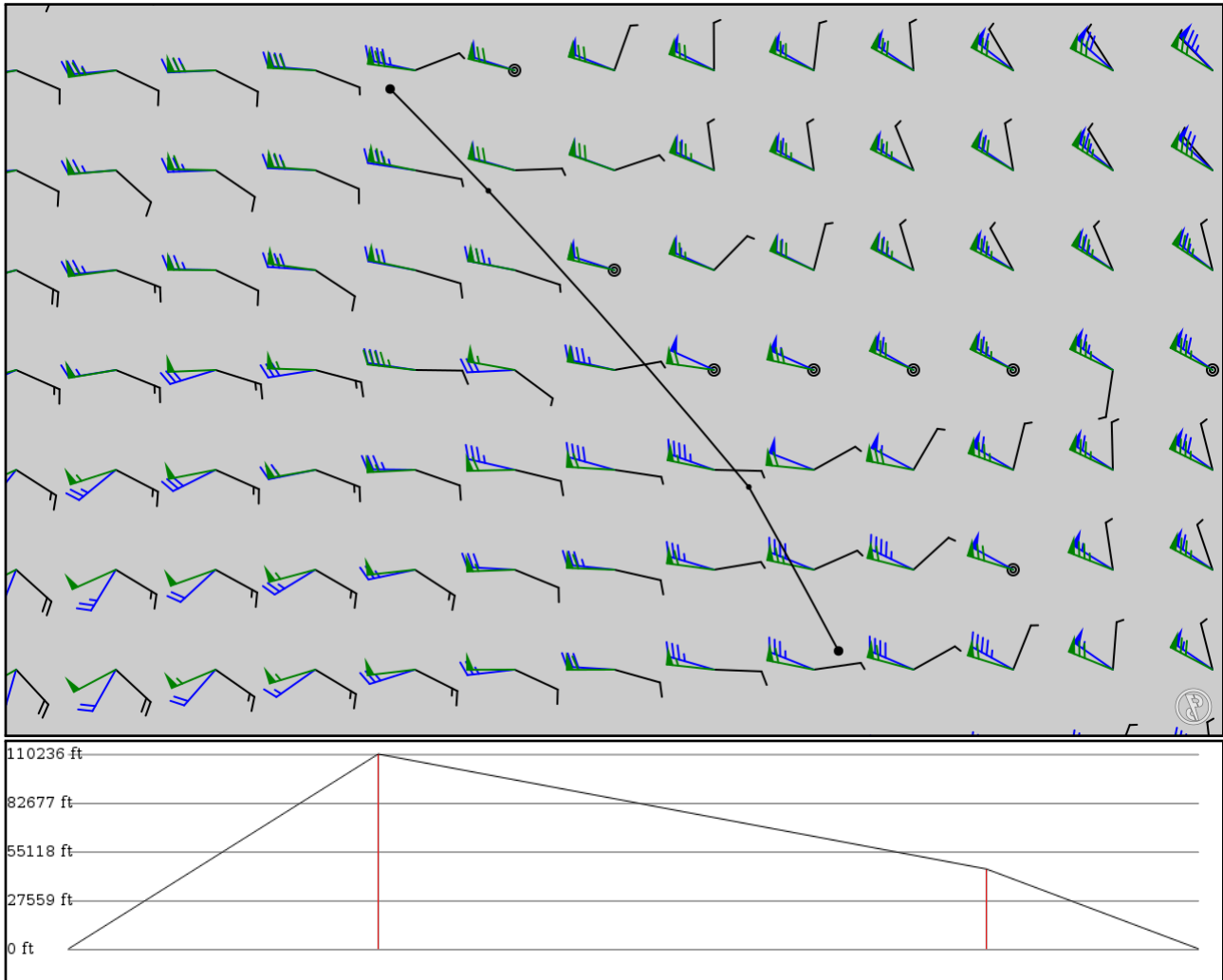
CYWG

WINNIPEG INTL

2024/05/15 0605Z

KMSP BRD **J25** YWG66 CYWG

343.81 nm / 636.73 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 34000ft
- 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 | - | 44.88195 -93.22201 | 0 ft 0 m | - | Minneapolis St Paul Intl |
| BRD VOR | - | 46.34828 -94.02597 | 33,600 ft 10,241 m | 94 | BRAINERD VORTAC |
| YWG66 FIX | J25 AWY-HI | 48.99738 -96.35881 | 13,800 ft 4,206 m | 184 | - |
| CYWG APT | - | 49.90722 -97.23882 | 0 ft 0 m | 64 | WINNIPEG INTL |

KMSP

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

Elevation: 841 ft / 256 m
Location: 44.881900 -93.222000
Magnetic Var: 0.277 W

METAR

KMSP 150453Z 05008KT 10SM FEW250 16/04 A2989 RMK A02 SLP121 T01560044

TAF

KMSP 150538Z 1506/1612 06005KT P6SM FEW250 FM151300 13008KT P6SM BKN150 FM160300 13010KT P6SM -SHRA SCT030 OVC050

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 | 169.83 | | 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 | 121.69 | | 0 m | 121 m |
| 30R | 150 ft | 8,190 ft | 301.44 | CONCRETE | 203 ft | 394 ft |
| | 46 m | 2,496 m | 301.71 | | 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 | 301.72 | | 0 m | 238 m |
| 04 | 150 ft | 11,118 ft | 44.90 | CONCRETE | 1,660 ft | 0 ft |
| | 46 m | 3,389 m | 45.18 | | 506 m | 0 m |
| 22 | 150 ft | 11,118 ft | 224.92 | CONCRETE | 0 ft | 410 ft |
| | 46 m | 3,389 m | 225.20 | | 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: 2.582 E

METAR

CYWG 150500Z 09006KT 15SM OVC070 10/08 A2992 RMK AC8 SLP142

TAF

TAF TAF CYWG 150540Z 1506/1606 11010KT P6SM SCT020 BKN070 TEMPO 1506/1517 P6SM -SHRA FM151700 12010KT P6SM SCT015

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 | 185.90 | | 0 m | 30 m |
| 36 | 200 ft | 11,010 ft | 8.48 | ASPHALT | 0 ft | 0 ft |
| | 61 m | 3,356 m | 5.89 | | 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 |