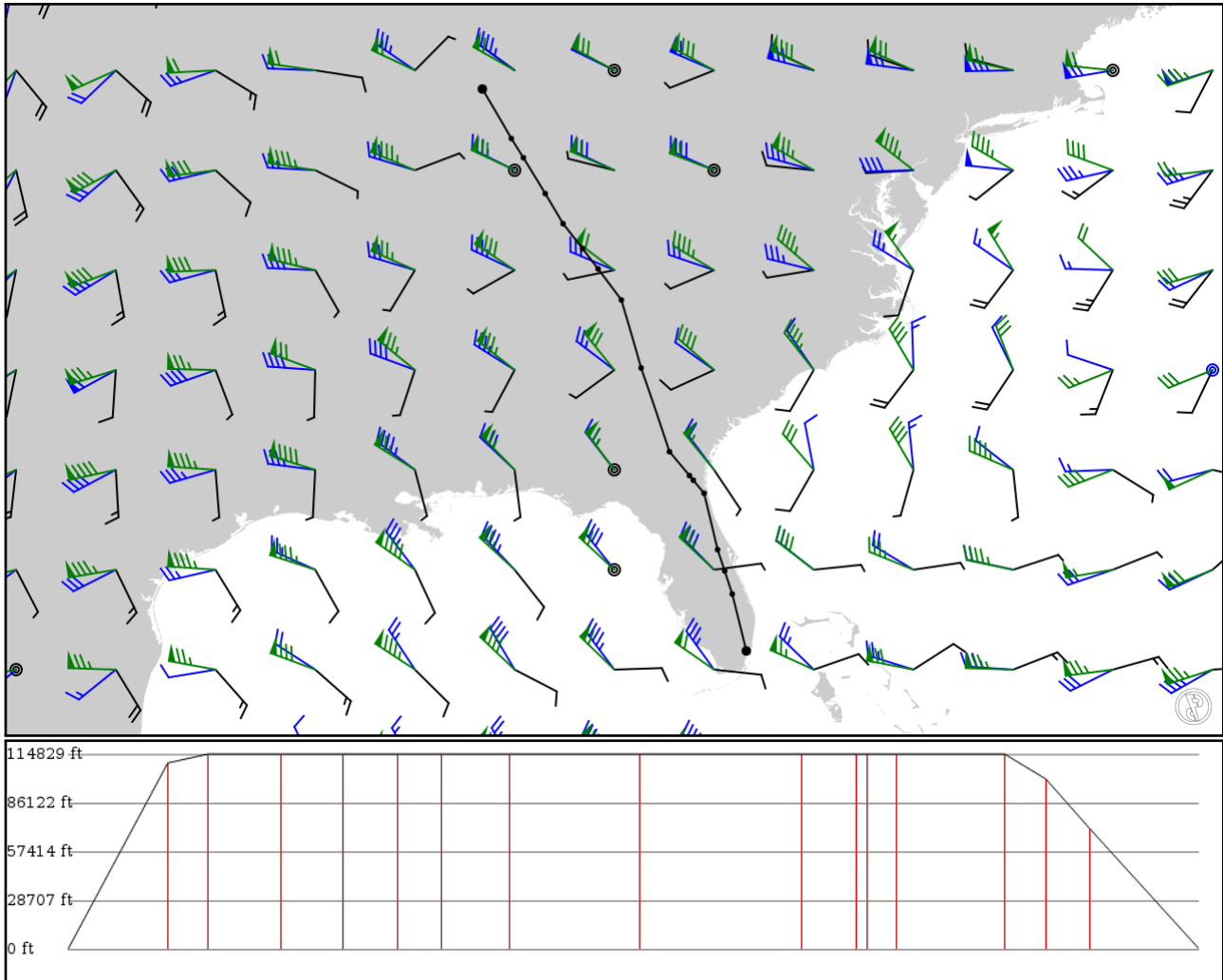


2024/05/15 1954Z

KORD BVT **J89** IIU **J99** VXV **J46** AMG **J45** CRG **J113** LLNCH KMIA

1051.52 nm / 1947.42 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 39000ft
- Cruise Speed: 450kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|----------------|-----------------------|-----------------------|--------------|--------------------|
| KORD APT | - | 41.98274 -87.90631 | 0 ft 0 m | - | CHICAGO OHARE INTL |
| BVT VOR | - | 40.55611 -87.06933 | 33,400 ft 10,180 m | 93 | BOILER VORTAC |
| MACES FIX | J89 AWY-HI | 40.00368 -86.72295 | 35,000 ft 10,668 m | 36 | - |
| KURTZ FIX | J89 AWY-HI | 38.97219 -86.09265 | 35,000 ft 10,668 m | 68 | - |
| IIU VOR | J89 AWY-HI | 38.10347 -85.57744 | 35,000 ft 10,668 m | 57 | LOUISVILLE VORTAC |
| RYANS FIX | J99 AWY-HI | 37.38796 -85.01698 | 35,000 ft 10,668 m | 50 | - |
| GHATS FIX | J99 AWY-HI | 36.80187 -84.56734 | 35,000 ft 10,668 m | 41 | - |
| VXV VOR | J99 AWY-HI | 35.90483 -83.89472 | 35,000 ft 10,668 m | 62 | VOLUNTEER VORTAC |
| AHN VOR | J46 AWY-HI | 33.94758 -83.32475 | 35,000 ft 10,668 m | 120 | ATHENS VORTAC |
| AMG VOR | J46 AWY-HI | 31.53656 -82.50808 | 35,000 ft 10,668 m | 150 | ALMA VORTAC |
| HILRD FIX | J45 AWY-HI | 30.84679 -81.92940 | 35,000 ft 10,668 m | 50 | - |
| YULEE FIX | J45 AWY-HI | 30.71451 -81.81965 | 35,000 ft 10,668 m | 9 | - |
| CRG VOR | J45 AWY-HI | 30.33889 -81.50992 | 35,000 ft 10,668 m | 27 | CRAIG VORTAC |
| DRUDJ FIX | J113 AWY-HI | 28.71382 -81.11827 | 35,000 ft 10,668 m | 99 | - |
| DEARY FIX | J113 AWY-HI | 28.10070 -80.91428 | 30,500 ft 9,296 m | 38 | - |
| LLNCH FIX | J113 AWY-HI | 27.43546 -80.69568 | 21,600 ft 6,584 m | 41 | - |
| KMIA APT | - | 25.79617 -80.28974 | 0 ft 0 m | 100 | Miami Intl |

KORD

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 6

Elevation: 680 ft / 207 m
Location: 41.973400 -87.906600
Magnetic Var: 4.112 W

METAR

KORD 151851Z 05010KT 10SM FEW250 18/07 A2985 RMK AO2 SLP109 T01830072

TAF

TAF KORD 151720Z 1518/1624 04013KT P6SM FEW040 FEW250 FM160100 05004KT P6SM FEW050 SCT250 FM161200 15005KT P6SM S

Frequencies

| | |
|---------------------------------------|---------------------------------------|
| REC - 135.40 MHz - ATIS | COM - 122.95 MHz - UNICOM |
| CLD - 119.25 MHz - CLEARANCE DELIVERY | CLD - 121.60 MHz - CLEARANCE DELIVERY |
| GND - 118.05 MHz - O'HARE GROUND | GND - 121.67 MHz - O'HARE GROUND |
| GND - 121.75 MHz - O'HARE GROUND | GND - 121.90 MHz - O'HARE GROUND |
| GND - 124.12 MHz - O'HARE GROUND | GND - 134.12 MHz - O'HARE GROUND |
| TWR - 120.75 MHz - O'HARE TOWER | TWR - 121.15 MHz - O'HARE TOWER |
| TWR - 126.90 MHz - O'HARE TOWER | TWR - 127.92 MHz - O'HARE TOWER |
| TWR - 132.70 MHz - O'HARE TOWER | TWR - 128.15 MHz - O'HARE TOWER |
| TWR - 133.00 MHz - O'HARE TOWER | APP - 119.00 MHz - CHICAGO APPROACH |
| APP - 133.62 MHz - CHICAGO APPROACH | APP - 124.35 MHz - CHICAGO APPROACH |
| APP - 125.70 MHz - CHICAGO APPROACH | DEP - 125.00 MHz - CHICAGO DEPARTURE |
| DEP - 125.40 MHz - CHICAGO DEPARTURE | DEP - 127.40 MHz - CHICAGO DEPARTURE |
| DEP - 128.80 MHz - CHICAGO DEPARTURE | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 10C | 200 ft | 10,789 ft | 89.85 | CONCRETE | 0 ft | 397 ft |
| | 61 m | 3,289 m | 93.96 | | 0 m | 121 m |
| 28C | 200 ft | 10,789 ft | 269.88 | CONCRETE | 0 ft | 381 ft |
| | 61 m | 3,289 m | 273.99 | | 0 m | 116 m |
| 10L | 151 ft | 12,996 ft | 89.87 | CONCRETE | 0 ft | 394 ft |
| | 46 m | 3,961 m | 93.99 | | 0 m | 120 m |
| 28R | 151 ft | 12,996 ft | 269.91 | CONCRETE | 0 ft | 285 ft |
| | 46 m | 3,961 m | 274.02 | | 0 m | 87 m |
| 04R | 151 ft | 8,074 ft | 41.40 | CONCRETE | 0 ft | 850 ft |
| | 46 m | 2,461 m | 45.51 | | 0 m | 259 m |
| 22L | 151 ft | 8,074 ft | 221.41 | CONCRETE | 0 ft | 584 ft |
| | 46 m | 2,461 m | 225.53 | | 0 m | 178 m |
| 09R | 151 ft | 7,949 ft | 89.98 | CONCRETE | 0 ft | 148 ft |
| | 46 m | 2,423 m | 94.09 | | 0 m | 45 m |
| 27L | 151 ft | 7,949 ft | 270.00 | CONCRETE | 0 ft | 197 ft |
| | 46 m | 2,423 m | 274.11 | | 0 m | 60 m |
| 09L | 151 ft | 7,484 ft | 89.99 | CONCRETE | 0 ft | 397 ft |
| | 46 m | 2,281 m | 94.10 | | 0 m | 121 m |
| 27R | 151 ft | 7,484 ft | 270.00 | CONCRETE | 0 ft | 397 ft |
| | 46 m | 2,281 m | 274.12 | | 0 m | 121 m |
| 10R | 151 ft | 7,484 ft | 89.85 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,281 m | 93.96 | | 0 m | 122 m |
| 28L | 151 ft | 7,484 ft | 269.87 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,281 m | 273.98 | | 0 m | 122 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 09L | DME | ISAJ | 111.75 MHz | 18 nm | - | - | 668 ft |
| | | | | 33 km | - | | 668 m |
| 10L | DME | IMED | 111.10 MHz | 18 nm | - | - | 678 ft |
| | | | | 33 km | - | | 678 m |
| 27L | DME | IIAC | 110.50 MHz | 18 nm | - | - | 641 ft |
| | | | | 33 km | - | | 641 m |
| 27R | DME | IABU | 111.75 MHz | 18 nm | - | - | 668 ft |
| | | | | 33 km | - | | 668 m |
| 28R | DME | ITSL | 111.10 MHz | 18 nm | - | - | 678 ft |
| | | | | 33 km | - | | 678 m |
| 04R | LOC-ILS | IFJU | 110.10 MHz | 18 nm | 41.41 | - | 680 ft |
| | | | | 33 km | 45.52 | | 680 m |
| 09L | LOC-ILS | ISAJ | 111.75 MHz | 18 nm | 90.00 | - | 680 ft |
| | | | | 33 km | 94.11 | | 680 m |
| 09R | LOC-ILS | IJAV | 110.50 MHz | 18 nm | 89.99 | - | 680 ft |
| | | | | 33 km | 94.10 | | 680 m |
| 10L | LOC-ILS | IMED | 111.10 MHz | 18 nm | 89.89 | - | 680 ft |
| | | | | 33 km | 94.00 | | 680 m |
| 10C | LOC-ILS | ISXH | 108.95 MHz | 18 nm | 89.86 | - | 680 ft |
| | | | | 33 km | 93.97 | | 680 m |
| 10R | LOC-ILS | IIZJ | 110.75 MHz | 18 nm | 89.86 | - | 680 ft |
| | | | | 33 km | 93.97 | | 680 m |
| 22L | LOC-ILS | ILQQ | 110.10 MHz | 18 nm | 221.41 | - | 680 ft |
| | | | | 33 km | 225.52 | | 680 m |
| 27L | LOC-ILS | IIAC | 110.50 MHz | 18 nm | 269.99 | - | 680 ft |
| | | | | 33 km | 274.10 | | 680 m |
| 27R | LOC-ILS | IABU | 111.75 MHz | 18 nm | 270.00 | - | 680 ft |
| | | | | 33 km | 274.11 | | 680 m |
| 28L | LOC-ILS | IVQX | 110.75 MHz | 18 nm | 269.87 | - | 680 ft |
| | | | | 33 km | 273.98 | | 680 m |
| 28C | LOC-ILS | IVZE | 108.95 MHz | 18 nm | 269.87 | - | 680 ft |
| | | | | 33 km | 273.98 | | 680 m |
| 28R | LOC-ILS | ITSL | 111.10 MHz | 18 nm | 269.88 | - | 680 ft |
| | | | | 33 km | 273.99 | | 680 m |
| 04R | GS | IFJU | 110.10 MHz | 10 nm | 41.41 | 3.00 | 680 ft |
| | | | | 19 km | 45.52 | | 680 m |
| 09L | GS | ISAJ | 111.75 MHz | 10 nm | 90.00 | 3.00 | 680 ft |
| | | | | 19 km | 94.11 | | 680 m |
| 09R | GS | IJAV | 110.50 MHz | 10 nm | 89.99 | 3.00 | 680 ft |
| | | | | 19 km | 94.10 | | 680 m |
| 10L | GS | IMED | 111.10 MHz | 10 nm | 89.89 | 3.00 | 680 ft |
| | | | | 19 km | 94.00 | | 680 m |
| 10C | GS | ISXH | 108.95 MHz | 10 nm | 89.86 | 3.00 | 680 ft |
| | | | | 19 km | 93.97 | | 680 m |
| 10R | GS | IIZJ | 110.75 MHz | 10 nm | 89.86 | 3.00 | 680 ft |
| | | | | 19 km | 93.97 | | 680 m |
| 22L | GS | ILQQ | 110.10 MHz | 10 nm | 221.41 | 3.00 | 680 ft |
| | | | | 19 km | 225.52 | | 680 m |
| 27L | GS | IIAC | 110.50 MHz | 10 nm | 269.99 | 3.00 | 680 ft |
| | | | | 19 km | 274.10 | | 680 m |
| 27R | GS | IABU | 111.75 MHz | 10 nm | 270.00 | 3.00 | 680 ft |
| | | | | 19 km | 274.11 | | 680 m |
| 28L | GS | IVQX | 110.75 MHz | 10 nm | 269.87 | 3.00 | 680 ft |
| | | | | 19 km | 273.98 | | 680 m |
| 28C | GS | IVZE | 108.95 MHz | 10 nm | 269.87 | 3.00 | 680 ft |
| | | | | 19 km | 273.98 | | 680 m |
| 28R | GS | ITSL | 111.10 MHz | 10 nm | 269.88 | 3.00 | 680 ft |
| | | | | 19 km | 273.99 | | 680 m |

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.275 W

METAR

KMIA 151853Z 24016G23KT 10SM SCT045 SCT055 BKN250 34/23 A2987 RMK A02 SLP115 T03440228 \$

TAF

TAF KMIA 151720Z 1518/1624 21012KT P6SM VCSH SCT030 BKN050 FM152100 24012KT P6SM SCT030 BKN050 FM160100 23010KT P

Frequencies

REC - 119.15 MHz - D-ATIS
COM - 123.00 MHz - UNICOM
GND - 121.80 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH
DEP - 125.50 MHz - MIAMI DEPARTURE

REC - 133.67 MHz - D-ATIS
CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 127.50 MHz - MIAMI GROUND
TWR - 123.90 MHz - MIAMI TOWER
APP - 124.85 MHz - MIAMI APPROACH
DEP - 119.45 MHz - MIAMI DEPARTURE

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 09 | 151 ft | 13,027 ft | 87.37 | CONCRETE | 1,371 ft | 384 ft |
| | 46 m | 3,971 m | 94.64 | | 418 m | 117 m |
| 27 | 151 ft | 13,027 ft | 267.39 | CONCRETE | 276 ft | 374 ft |
| | 46 m | 3,971 m | 274.66 | | 84 m | 114 m |
| 08R | 200 ft | 10,515 ft | 87.38 | CONCRETE | 0 ft | 407 ft |
| | 61 m | 3,205 m | 94.65 | | 0 m | 124 m |
| 26L | 200 ft | 10,515 ft | 267.39 | CONCRETE | 0 ft | 407 ft |
| | 61 m | 3,205 m | 274.66 | | 0 m | 124 m |
| 08L | 151 ft | 8,607 ft | 87.38 | CONCRETE | 0 ft | 387 ft |
| | 46 m | 2,624 m | 94.65 | | 0 m | 118 m |
| 26R | 151 ft | 8,607 ft | 267.39 | CONCRETE | 0 ft | 387 ft |
| | 46 m | 2,624 m | 274.67 | | 0 m | 118 m |
| 12 | 151 ft | 9,366 ft | 119.61 | CONCRETE | 0 ft | 397 ft |
| | 46 m | 2,855 m | 126.88 | | 0 m | 121 m |
| 30 | 151 ft | 9,366 ft | 299.62 | CONCRETE | 948 ft | 0 ft |
| | 46 m | 2,855 m | 306.90 | | 289 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 08L | DME | IROY | 109.30 MHz | 18 nm | - | - | 8 ft |
| | | | | 33 km | - | | 8 m |
| 08R | DME | IMFA | 110.30 MHz | 18 nm | - | - | 8 ft |
| | | | | 33 km | - | | 8 m |
| 12 | DME | IGEM | 108.90 MHz | 18 nm | - | - | 14 ft |
| | | | | 33 km | - | | 14 m |
| 26L | DME | IVIN | 109.10 MHz | 18 nm | - | - | 12 ft |
| | | | | 33 km | - | | 12 m |
| 26R | DME | ICNV | 109.30 MHz | 18 nm | - | - | 8 ft |
| | | | | 33 km | - | | 8 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 30 | DME | IDCX | 111.70 MHz | 18 nm | - | - | 8 ft |
| | | | | 33 km | - | | 8 m |
| 08R | LOC-ILS | IMFA | 110.30 MHz | 18 nm | 87.37 | - | 4 ft |
| | | | | 33 km | 94.64 | | 4 m |
| 09 | LOC-ILS | IBUL | 110.90 MHz | 18 nm | 87.37 | - | 4 ft |
| | | | | 33 km | 94.64 | | 4 m |
| 12 | LOC-ILS | IGEM | 108.90 MHz | 18 nm | 119.60 | - | 4 ft |
| | | | | 33 km | 126.87 | | 4 m |
| 26L | LOC-ILS | IVIN | 109.10 MHz | 18 nm | 267.37 | - | 4 ft |
| | | | | 33 km | 274.64 | | 4 m |
| 27 | LOC-ILS | IMIA | 109.50 MHz | 18 nm | 267.37 | - | 4 ft |
| | | | | 33 km | 274.64 | | 4 m |
| 30 | LOC-ILS | IDCX | 111.70 MHz | 18 nm | 299.60 | - | 4 ft |
| | | | | 33 km | 306.87 | | 4 m |
| 08L | LOC-LOC | IROY | 109.30 MHz | 18 nm | 87.36 | - | 4 ft |
| | | | | 33 km | 94.63 | | 4 m |
| 26R | LOC-LOC | ICNV | 109.30 MHz | 18 nm | 267.36 | - | 4 ft |
| | | | | 33 km | 274.63 | | 4 m |
| 08R | GS | IMFA | 110.30 MHz | 10 nm | 87.37 | 3.00 | 4 ft |
| | | | | 19 km | 94.64 | | 4 m |
| 09 | GS | IBUL | 110.90 MHz | 10 nm | 87.37 | 3.00 | 4 ft |
| | | | | 19 km | 94.64 | | 4 m |
| 12 | GS | IGEM | 108.90 MHz | 10 nm | 119.60 | 3.00 | 4 ft |
| | | | | 19 km | 126.87 | | 4 m |
| 26L | GS | IVIN | 109.10 MHz | 10 nm | 267.37 | 3.00 | 4 ft |
| | | | | 19 km | 274.64 | | 4 m |
| 27 | GS | IMIA | 109.50 MHz | 10 nm | 267.37 | 3.00 | 4 ft |
| | | | | 19 km | 274.64 | | 4 m |
| 30 | GS | IDCX | 111.70 MHz | 10 nm | 299.60 | 3.00 | 4 ft |
| | | | | 19 km | 306.87 | | 4 m |