

SBGL

Galeao-Antonio Carlos Jobim Intl

AAL904

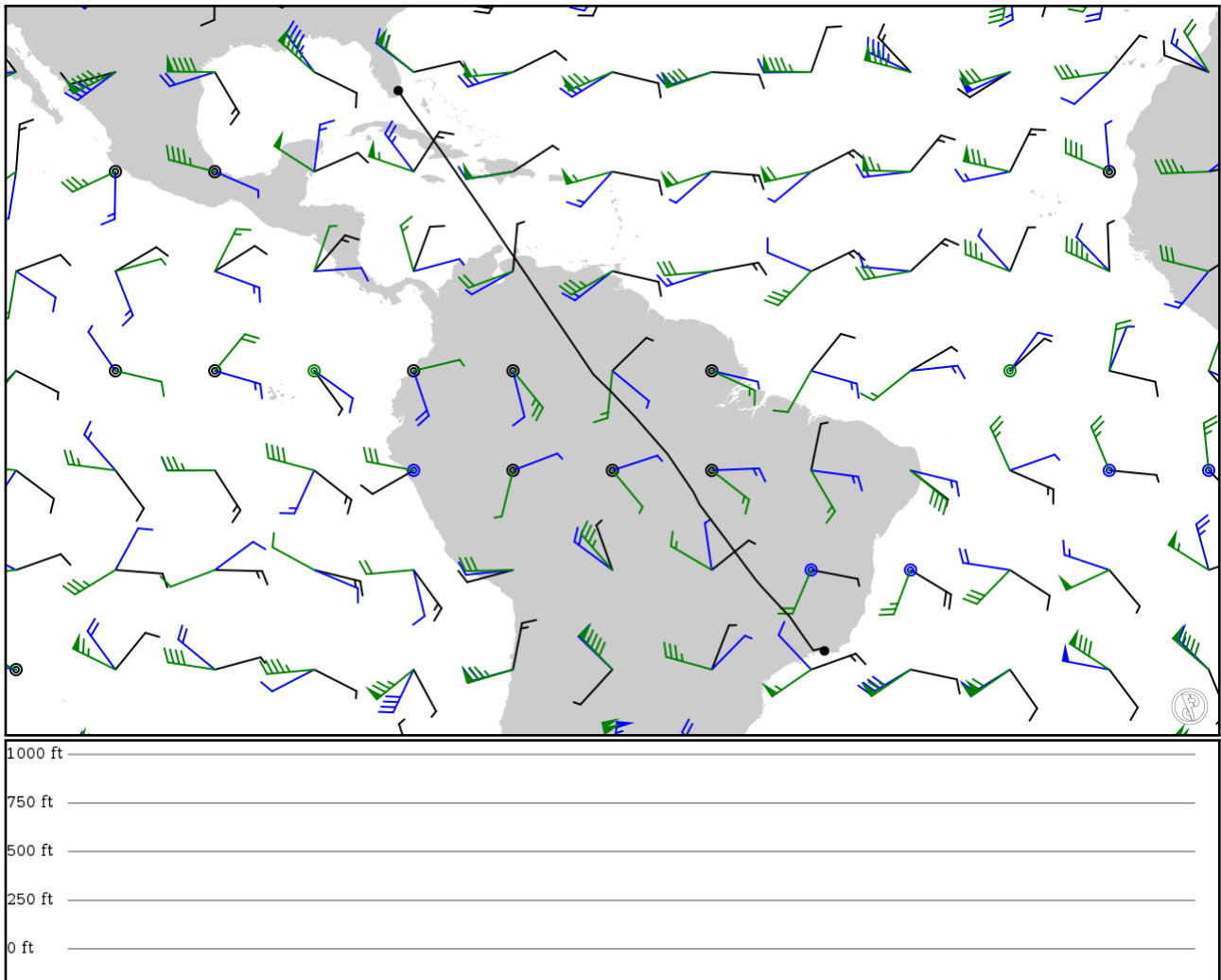
2024/05/20 0240Z

KMIA

Miami Intl

SBGL VURUK UGROK LIXEP SIDUR NISNI ROMIK SATNA PAMEO GNV EGOLA OGTEM TAROP UMPIX ESMAR MAMGI
SIGEP KUBID MALPU UTAUV TEPEM KIGER DANRI BIVUT LOGON ITADI EKUNA SUBMA TOMAX DANVO ATIGA DOLPO
LOKUR OPTAS MAGTA ESIPO SENSO BIBIP ONDER PUTAR MAXIN DIBOK GELOG URSUS ELLEE KMIA

3685.57 nm / 6825.68 km



Notes

Requested: SBGL VURUK UGROK ILNIB LOBEM LIXEP SIDUR NISNI ROMIK SATNA PAMEO GNV EGOLA SINUK OGTEM TAROP UMPIX ESMAR
Unmatched points: ILNIB LOBEM SINUK OPLIM

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|-----|------------|------|--------------|----------------------------------|
| SBGL | - | -22.80890 | 0 ft | - | Galeao-Antonio Carlos Jobim Intl |
| APT | - | -43.24380 | 0 m | - | |
| VURUK | - | -22.76080 | 0 ft | 10 | - |
| FIX | - | -43.06980 | 0 m | - | - |
| UGROK | - | -22.53350 | 0 ft | 17 | - |
| FIX | - | -43.26610 | 0 m | - | - |
| LIXEP | - | -22.62990 | 0 ft | 23 | - |
| FIX | - | -43.67820 | 0 m | - | - |
| SIDUR | - | -22.75450 | 0 ft | 30 | - |
| FIX | - | -44.21810 | 0 m | - | - |
| NISNI | - | -19.84320 | 0 ft | 208 | - |
| FIX | - | -46.25750 | 0 m | - | - |
| ROMIK | - | -17.22030 | 0 ft | 210 | - |
| FIX | - | -48.71880 | 0 m | - | - |
| SATNA | - | -16.98770 | 0 ft | 17 | - |
| FIX | - | -48.91170 | 0 m | - | - |
| PAMEO | - | -16.91100 | 0 ft | 6 | - |
| FIX | - | -48.98600 | 0 m | - | - |
| GNV | - | -16.64080 | 0 ft | 20 | GOIANIA |
| VOR | - | -49.21110 | 0 m | - | |
| EGOLA | - | -13.10430 | 0 ft | 261 | - |
| FIX | - | -51.83920 | 0 m | - | - |
| OGTEM | - | -10.09550 | 0 ft | 224 | - |
| FIX | - | -54.10620 | 0 m | - | - |
| TAROP | - | -9.03200 | 0 ft | 71 | - |
| FIX | - | -54.63270 | 0 m | - | - |
| UMPIX | - | -7.40417 | 0 ft | 118 | - |
| FIX | - | -55.74630 | 0 m | - | - |
| ESMAR | - | -5.74783 | 0 ft | 119 | - |
| FIX | - | -56.86770 | 0 m | - | - |
| MAMGI | - | -3.75400 | 0 ft | 159 | - |
| FIX | - | -58.62120 | 0 m | - | - |
| SIGEP | - | -3.28350 | 0 ft | 37 | - |
| FIX | - | -59.03050 | 0 m | - | - |
| KUBID | - | -3.06767 | 0 ft | 17 | - |
| FIX | - | -59.21770 | 0 m | - | - |
| MALPU | - | -2.94683 | 0 ft | 9 | - |
| FIX | - | -59.32230 | 0 m | - | - |
| UTNAV | - | -2.65967 | 0 ft | 22 | - |
| FIX | - | -59.57300 | 0 m | - | - |
| TEPEM | - | -2.56183 | 0 ft | 7 | - |
| FIX | - | -59.65520 | 0 m | - | - |
| KIGER | - | -1.36300 | 0 ft | 99 | - |
| FIX | - | -60.80170 | 0 m | - | - |
| DANRI | - | -0.40733 | 0 ft | 79 | - |
| FIX | - | -61.70700 | 0 m | - | - |
| BIVUT | - | 1.20283 | 0 ft | 138 | - |
| FIX | - | -63.35270 | 0 m | - | - |
| LOGON | - | 6.55611 | 0 ft | 387 | - |
| FIX | - | -66.97170 | 0 m | - | - |
| ITADI | - | 6.97722 | 0 ft | 30 | - |
| FIX | - | -67.25250 | 0 m | - | - |
| EKUNA | - | 7.31750 | 0 ft | 24 | - |

| Ident Type | | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|---|-----------|------------|-----|--------------|------|
| FIX | - | -67.48000 | 0 m | | | |
| SUBMA | - | 9.06278 | 0 ft | 125 | - | |
| FIX | - | -68.65610 | 0 m | | | |
| TOMAX | - | 9.64083 | 0 ft | 41 | - | |
| FIX | - | -69.04860 | 0 m | | | |
| DANVO | - | 10.05470 | 0 ft | 29 | - | |
| FIX | - | -69.33060 | 0 m | | | |
| ATIGA | - | 10.60280 | 0 ft | 39 | - | |
| FIX | - | -69.70530 | 0 m | | | |
| DOLPO | - | 11.06080 | 0 ft | 33 | - | |
| FIX | - | -70.01970 | 0 m | | | |
| LOKUR | - | 11.60800 | 0 ft | 39 | - | |
| FIX | - | -70.39680 | 0 m | | | |
| OPTAS | - | 11.67530 | 0 ft | 4 | - | |
| FIX | - | -70.44360 | 0 m | | | |
| MAGTA | - | 12.22640 | 0 ft | 40 | - | |
| FIX | - | -70.82610 | 0 m | | | |
| ESIPO | - | 12.49810 | 0 ft | 19 | - | |
| FIX | - | -71.01530 | 0 m | | | |
| SENSO | - | 13.87850 | 0 ft | 99 | - | |
| FIX | - | -71.94110 | 0 m | | | |
| BIBIP | - | 14.32980 | 0 ft | 32 | - | |
| FIX | - | -72.24660 | 0 m | | | |
| ONDER | - | 14.62000 | 0 ft | 20 | - | |
| FIX | - | -72.44330 | 0 m | | | |
| PUTAR | - | 15.35000 | 0 ft | 52 | - | |
| FIX | - | -72.94330 | 0 m | | | |
| MAXIN | - | 15.55330 | 0 ft | 14 | - | |
| FIX | - | -73.08330 | 0 m | | | |
| DIBOK | - | 16.36170 | 0 ft | 58 | - | |
| FIX | - | -73.64170 | 0 m | | | |
| GELOG | - | 18.56170 | 0 ft | 158 | - | |
| FIX | - | -75.17830 | 0 m | | | |
| URSUS | - | 24.00010 | 0 ft | 392 | - | |
| FIX | - | -79.06980 | 0 m | | | |
| ELLEE | - | 24.88060 | 0 ft | 62 | - | |
| FIX | - | -79.69000 | 0 m | | | |
| KMIA | - | 25.79620 | 0 ft | 63 | Miami Intl | |
| APT | - | -80.28970 | 0 m | | | |

SBGL

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 28 ft / 9 m
Location: -22.808900 -43.243800
Magnetic Var: 23.424 W

METAR

SBGL 200200Z 06002KT 9999 FEW012 SCT028 24/22 Q1017

TAF

TAF SBGL 191915Z 2000/2106 24005KT 7000 SCT015 TN22/2009Z TX29/2018Z BECMG 2002/2004 32005KT PROB40 2006/2012 350

Frequencies

| | |
|-------------------------------------|-------------------------------------|
| REC - 127.60 MHz - ATIS | CLD - 121.00 MHz - GALEAO CLEARANCE |
| CLD - 135.10 MHz - GALEAO CLEARANCE | GND - 121.65 MHz - GALEAO GROUND |
| GND - 128.35 MHz - GALEAO GROUND | TWR - 118.00 MHz - GALEAO TOWER |
| TWR - 118.20 MHz - GALEAO TOWER | APP - 129.80 MHz - RIO APPROACH |
| APP - 125.95 MHz - RIO APPROACH | APP - 128.90 MHz - RIO APPROACH |
| APP - 119.35 MHz - RIO APPROACH | COM - 122.80 MHz - GALEAO UNICOM |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 10 | 148 ft | 13,136 ft | 74.40 | CONCRETE | 0 ft | 0 ft |
| | 45 m | 4,004 m | 97.82 | | 0 m | 0 m |
| 28 | 148 ft | 13,136 ft | 254.38 | CONCRETE | 0 ft | 174 ft |
| | 45 m | 4,004 m | 277.81 | | 0 m | 53 m |
| 15 | 154 ft | 10,426 ft | 125.65 | ASPHALT | 0 ft | 184 ft |
| | 47 m | 3,178 m | 149.08 | | 0 m | 56 m |
| 33 | 154 ft | 10,426 ft | 305.64 | ASPHALT | 0 ft | 184 ft |
| | 47 m | 3,178 m | 329.07 | | 0 m | 56 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 15 | DME | IGL | 110.30 MHz | 18 nm | - | - | 17 ft |
| | | | | 33 km | - | | 17 m |
| 28 | DME | ILM | 111.50 MHz | 18 nm | - | - | 28 ft |
| | | | | 33 km | - | | 28 m |
| 10 | LOC-ILS | ITB | 109.30 MHz | 18 nm | 74.39 | - | 28 ft |
| | | | | 33 km | 97.81 | | 28 m |
| 15 | LOC-ILS | IGL | 110.30 MHz | 18 nm | 125.65 | - | 28 ft |
| | | | | 33 km | 149.07 | | 28 m |
| 28 | LOC-ILS | ILM | 111.50 MHz | 18 nm | 254.39 | - | 28 ft |
| | | | | 33 km | 277.81 | | 28 m |
| 10 | GS | ITB | 109.30 MHz | 10 nm | 74.39 | 3.00 | 28 ft |
| | | | | 19 km | 97.81 | | 28 m |
| 15 | GS | IGL | 110.30 MHz | 10 nm | 125.65 | 3.00 | 28 ft |
| | | | | 19 km | 149.07 | | 28 m |
| 28 | GS | ILM | 111.50 MHz | 10 nm | 254.39 | 2.94 | 28 ft |
| | | | | 19 km | 277.81 | | 28 m |

KMIA

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

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.276 W

METAR

KMIA 200153Z 04005KT 10SM OVC250 28/21 A2994 RMK AO2 SLP137 T02830211

TAF

KMIA 200055Z 2000/2106 27010KT P6SM VCSH SCT030 BKN100 FM200200 VRB04KT P6SM VCSH SCT030 BKN250 FM201500 27007KT

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 | 94.65 | | 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 | 274.67 | | 0 m | 124 m |
| 08L | 151 ft | 8,607 ft | 87.38 | CONCRETE | 0 ft | 387 ft |
| | 46 m | 2,624 m | 94.66 | | 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 | 126.89 | | 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 | 94.65 | | 4 m |
| 09 | LOC-ILS | IBUL | 110.90 MHz | 18 nm | 87.37 | - | 4 ft |
| | | | | 33 km | 94.65 | | 4 m |
| 12 | LOC-ILS | IGEM | 108.90 MHz | 18 nm | 119.60 | - | 4 ft |
| | | | | 33 km | 126.88 | | 4 m |
| 26L | LOC-ILS | IVIN | 109.10 MHz | 18 nm | 267.37 | - | 4 ft |
| | | | | 33 km | 274.65 | | 4 m |
| 27 | LOC-ILS | IMIA | 109.50 MHz | 18 nm | 267.37 | - | 4 ft |
| | | | | 33 km | 274.65 | | 4 m |
| 30 | LOC-ILS | IDCX | 111.70 MHz | 18 nm | 299.60 | - | 4 ft |
| | | | | 33 km | 306.88 | | 4 m |
| 08L | LOC-LOC | IROY | 109.30 MHz | 18 nm | 87.36 | - | 4 ft |
| | | | | 33 km | 94.64 | | 4 m |
| 26R | LOC-LOC | ICNV | 109.30 MHz | 18 nm | 267.36 | - | 4 ft |
| | | | | 33 km | 274.64 | | 4 m |
| 08R | GS | IMFA | 110.30 MHz | 10 nm | 87.37 | 3.00 | 4 ft |
| | | | | 19 km | 94.65 | | 4 m |
| 09 | GS | IBUL | 110.90 MHz | 10 nm | 87.37 | 3.00 | 4 ft |
| | | | | 19 km | 94.65 | | 4 m |
| 12 | GS | IGEM | 108.90 MHz | 10 nm | 119.60 | 3.00 | 4 ft |
| | | | | 19 km | 126.88 | | 4 m |
| 26L | GS | IVIN | 109.10 MHz | 10 nm | 267.37 | 3.00 | 4 ft |
| | | | | 19 km | 274.65 | | 4 m |
| 27 | GS | IMIA | 109.50 MHz | 10 nm | 267.37 | 3.00 | 4 ft |
| | | | | 19 km | 274.65 | | 4 m |
| 30 | GS | IDCX | 111.70 MHz | 10 nm | 299.60 | 3.00 | 4 ft |
| | | | | 19 km | 306.88 | | 4 m |