

# SBGL

Rio de Janeiro Galeao Intl

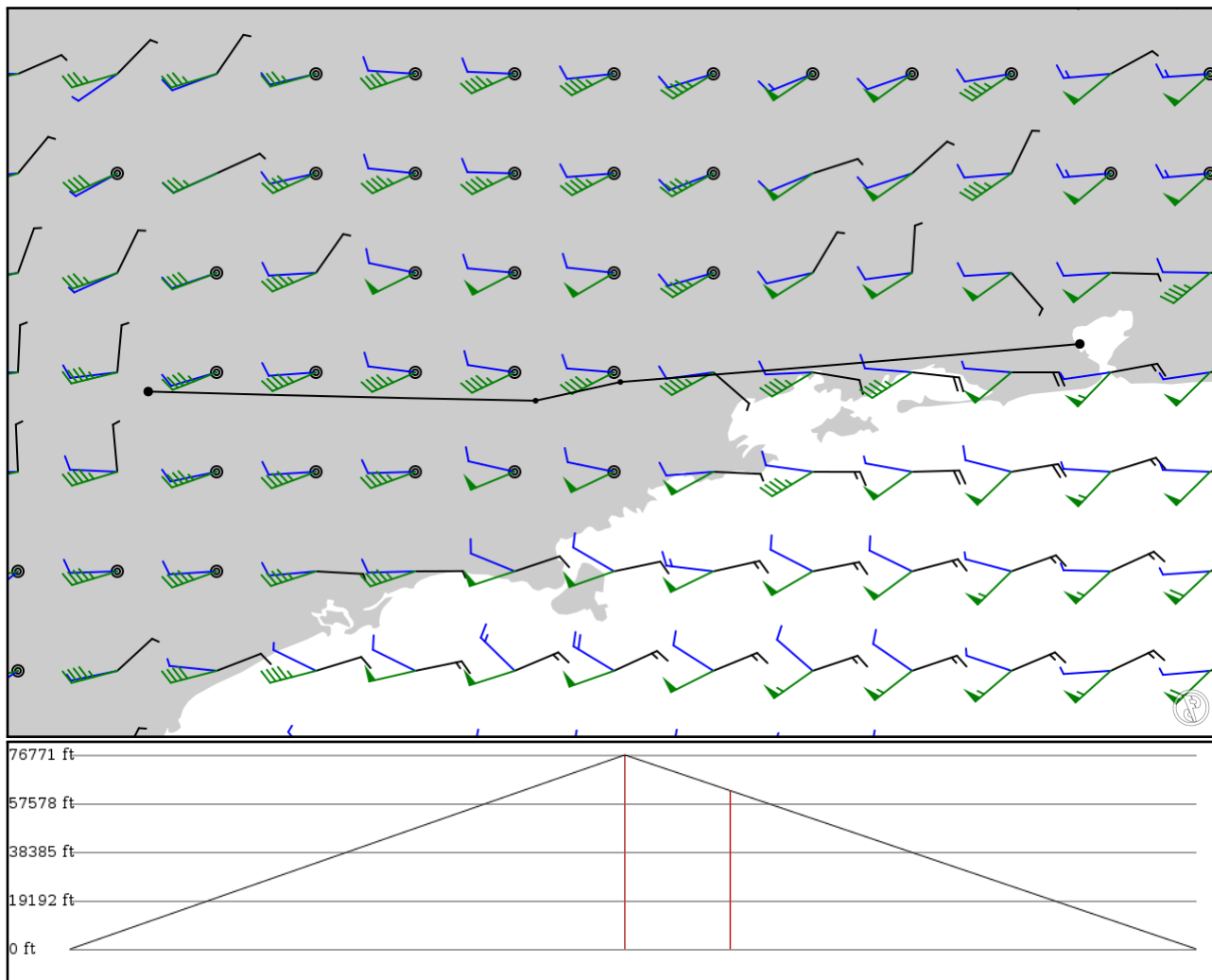
# SBKP

Campinas Viracopos Intl

2024/05/20 1822Z

SBGL ILMIG **UZ10** TBE SBKP

216.17 nm / 400.34 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<br>Type | Via    | Lat<br>Lon | Alt       | Dist<br>(nm) | Name                       |
|---------------|--------|------------|-----------|--------------|----------------------------|
| SBGL          | -      | -22.80890  | 0 ft      | -            | Rio de Janeiro Galeao Intl |
| APT           | -      | -43.24380  | 0 m       |              |                            |
| ILMIG         | -      | -22.96750  | 23,400 ft | 106          | -                          |
| FIX           | -      | -45.16270  | 7,132 m   |              |                            |
| TBE           | UZ10   | -23.04560  | 19,100 ft | 20           | TAUBATE                    |
| NDB           | AWY-HI | -45.51670  | 5,822 m   |              |                            |
| SBKP          | -      | -23.00740  | 0 ft      | 89           | Campinas Viracopos Intl    |
| APT           | -      | -47.13450  | 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 201800Z 12010KT 8000 FEW023 32/21 Q1013

## TAF

TAF SBGL 201510Z 2018/2124 21010KT 9999 SCT020 TX29/2018Z TN22/2107Z BECMG 2106/2108 18005KT 5000 BR BKN012 BECMG

## 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)<br>(mag) | Surface  | Threshold<br>Offset | Overrun<br>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)<br>(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      |

## SBKP

Region: BRAZIL  
Timezone: AMERICA/SAO\_PAULO  
Runways: 1

Elevation: 2,169 ft / 661 m  
Location: -23.007400 -47.134500  
Magnetic Var: 22.014 W

## METAR

SBKP 201800Z 27009KT 240V300 CAVOK 29/18 Q1018

## TAF

TAF SBKP 201625Z 2018/2118 25006KT 9999 FEW040 TN20/2108Z TX29/2117Z BECMG 2018/2020 19007KT BECMG 2021/2023 1301

## Frequencies

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| REC - 127.82 MHz - ATIS               | COM - 122.80 MHz - CAMPINAS UNICOM    |
| GND - 121.90 MHz - CAMPINAS GROUND    | TWR - 118.25 MHz - CAMPINAS TOWER     |
| APP - 119.25 MHz - SAO PAULO APPROACH | APP - 121.40 MHz - SAO PAULO APPROACH |
| APP - 132.10 MHz - SAO PAULO APPROACH | APP - 120.25 MHz - SAO PAULO APPROACH |
| APP - 135.75 MHz - SAO PAULO APPROACH | APP - 120.05 MHz - SAO PAULO APPROACH |
| APP - 119.80 MHz - SAO PAULO APPROACH | APP - 129.00 MHz - SAO PAULO APPROACH |
| APP - 119.60 MHz - SAO PAULO APPROACH | APP - 134.65 MHz - SAO PAULO APPROACH |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 15    | 148 ft | 10,666 ft | 127.87                  | ASPHALT | 0 ft                | 171 ft            |
|       | 45 m   | 3,251 m   | 149.89                  |         | 0 m                 | 52 m              |
| 33    | 148 ft | 10,666 ft | 307.86                  | ASPHALT | 315 ft              | 177 ft            |
|       | 45 m   | 3,251 m   | 329.88                  |         | 96 m                | 54 m              |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 15     | LOC-ILS | IKP   | 110.30 MHz | 18 nm | 127.87                  | -     | 2,170 ft  |
|        |         |       |            | 33 km | 149.88                  |       | 2,170 m   |
| 15     | GS      | IJV   | 110.30 MHz | 10 nm | 127.87                  | 3.00  | 2,170 ft  |
|        |         |       |            | 19 km | 149.88                  |       | 2,170 m   |