

# SBGR

Guarulhos-Andre Franco Montoro Intl

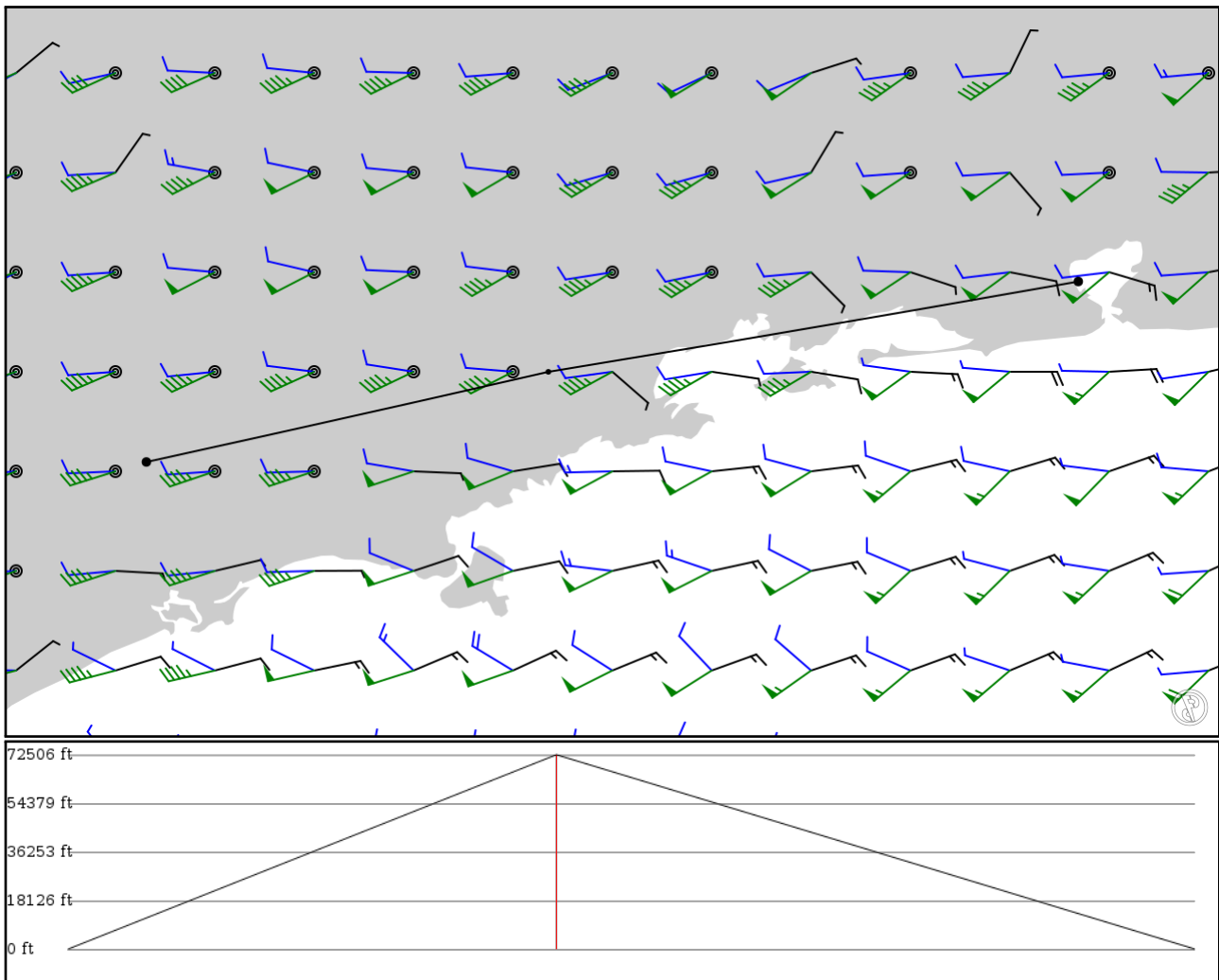
# SBGL

Galeao-Antonio Carlos Jobim Intl

2024/06/07 0558Z

SBGR EKIDI SBGL

182.15 nm / 337.35 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 |   | Via       | Lat       | Alt | Dist                                | Name |
|-------|---|-----------|-----------|-----|-------------------------------------|------|
| Type  |   |           | Lon       |     | (nm)                                |      |
| SBGR  | - | -23.43230 | 0 ft      | -   | Guarulhos-Andre Franco Montoro Intl |      |
| APT   | - | -46.46950 | 0 m       |     |                                     |      |
| EKIDI | - | -23.12090 | 22,100 ft | 79  | -                                   |      |
| FIX   | - | -45.07810 | 6,736 m   |     |                                     |      |
| SBGL  | - | -22.80890 | 0 ft      | 103 | Galeao-Antonio Carlos Jobim Intl    |      |
| APT   | - | -43.24380 | 0 m       |     |                                     |      |

## SBGR

Region: BRAZIL  
Timezone: AMERICA/SAO\_PAULO  
Runways: 2

Elevation: 2,461 ft / 750 m  
Location: -23.432300 -46.469500  
Magnetic Var: 22.219 W

## METAR

SBGR 070500Z 10002KT 6000 NSC 13/13 Q1024

## TAF

TAF SBGR 062130Z 0700/0806 09005KT 8000 FEW016 TN14/0709Z TX25/0718Z BECMG 0706/0708 SCT002 BKN016 TEMPO 0708/071

## Frequencies

|                                       |  |
|---------------------------------------|--|
| REC - 127.75 MHz - GUARULHOS ATIS     | CLD - 121.00 MHz - GUARULHOS CLEARANCE |
| GND - 121.70 MHz - GUARULHOS GROUND   | GND - 126.90 MHz - GUARULHOS GROUND    |
| TWR - 118.40 MHz - GUARULHOS TOWER    | TWR - 132.75 MHz - GUARULHOS TOWER     |
| TWR - 135.20 MHz - GUARULHOS TOWER    | APP - 129.75 MHz - SAO PAULO APPROACH  |
| APP - 119.15 MHz - SAO PAULO APPROACH | APP - 120.45 MHz - SAO PAULO APPROACH  |
| APP - 120.85 MHz - SAO PAULO APPROACH | APP - 133.85 MHz - SAO PAULO APPROACH  |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 09L   | 148 ft | 12,131 ft | 73.60                   | ASPHALT | 295 ft              | 190 ft            |
|       | 45 m   | 3,698 m   | 95.82                   |         | 90 m                | 58 m              |
| 27R   | 148 ft | 12,131 ft | 253.59                  | ASPHALT | 200 ft              | 194 ft            |
|       | 45 m   | 3,698 m   | 275.81                  |         | 61 m                | 59 m              |
| 09R   | 148 ft | 9,832 ft  | 73.60                   | ASPHALT | 0 ft                | 194 ft            |
|       | 45 m   | 2,997 m   | 95.82                   |         | 0 m                 | 59 m              |
| 27L   | 148 ft | 9,832 ft  | 253.59                  | ASPHALT | 0 ft                | 194 ft            |
|       | 45 m   | 2,997 m   | 275.81                  |         | 0 m                 | 59 m              |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 09L    | LOC-ILS | IUC   | 110.70 MHz | 18 nm | 73.59                   | -     | 2,461 ft  |
|        |         |       |            | 33 km | 95.81                   |       | 2,461 m   |
| 09R    | LOC-ILS | IGR   | 111.50 MHz | 18 nm | 73.60                   | -     | 2,461 ft  |
|        |         |       |            | 33 km | 95.82                   |       | 2,461 m   |
| 27L    | LOC-ILS | IBC   | 111.10 MHz | 18 nm | 253.60                  | -     | 2,459 ft  |
|        |         |       |            | 33 km | 275.82                  |       | 2,459 m   |
| 27R    | LOC-ILS | IGS   | 111.90 MHz | 18 nm | 253.59                  | -     | 2,459 ft  |
|        |         |       |            | 33 km | 275.81                  |       | 2,459 m   |
| 09L    | GS      | IUC   | 110.70 MHz | 10 nm | 73.59                   | 3.00  | 2,461 ft  |
|        |         |       |            | 19 km | 95.81                   |       | 2,461 m   |
| 09R    | GS      | IGR   | 111.50 MHz | 10 nm | 73.60                   | 2.92  | 2,461 ft  |
|        |         |       |            | 19 km | 95.82                   |       | 2,461 m   |
| 27L    | GS      | IBC   | 111.10 MHz | 10 nm | 253.60                  | 3.00  | 2,459 ft  |
|        |         |       |            | 19 km | 275.82                  |       | 2,459 m   |
| 27R    | GS      | IGS   | 111.90 MHz | 10 nm | 253.59                  | 3.00  | 2,458 ft  |
|        |         |       |            | 19 km | 275.81                  |       | 2,458 m   |

## SBGL

Region: BRAZIL  
Timezone: AMERICA/SAO\_PAULO  
Runways: 2

Elevation: 28 ft / 9 m  
Location: -22.808900 -43.243800  
Magnetic Var: 23.429 W

## METAR

SBGL 070500Z VRB02KT 5000 BR NSC 19/18 Q1020

## TAF

TAF SBGL 062002Z 0700/0806 13007KT 9999 SCT020 TN17/0709Z TX28/0717Z BECMG 0703/0705 31005KT TEMPO 0706/0712 3500

## 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   | 97.83                   |          | 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 | 97.82                   |       | 28 m      |
| 15     | LOC-ILS | IGL   | 110.30 MHz | 18 nm | 125.65                  | -     | 28 ft     |
|        |         |       |            | 33 km | 149.08                  |       | 28 m      |
| 28     | LOC-ILS | ILM   | 111.50 MHz | 18 nm | 254.39                  | -     | 28 ft     |
|        |         |       |            | 33 km | 277.82                  |       | 28 m      |
| 10     | GS      | ITB   | 109.30 MHz | 10 nm | 74.39                   | 3.00  | 28 ft     |
|        |         |       |            | 19 km | 97.82                   |       | 28 m      |
| 15     | GS      | IGL   | 110.30 MHz | 10 nm | 125.65                  | 3.00  | 28 ft     |
|        |         |       |            | 19 km | 149.08                  |       | 28 m      |
| 28     | GS      | ILM   | 111.50 MHz | 10 nm | 254.39                  | 2.94  | 28 ft     |
|        |         |       |            | 19 km | 277.82                  |       | 28 m      |