

SBGL

Galeao-Antonio Carlos Jobim Intl

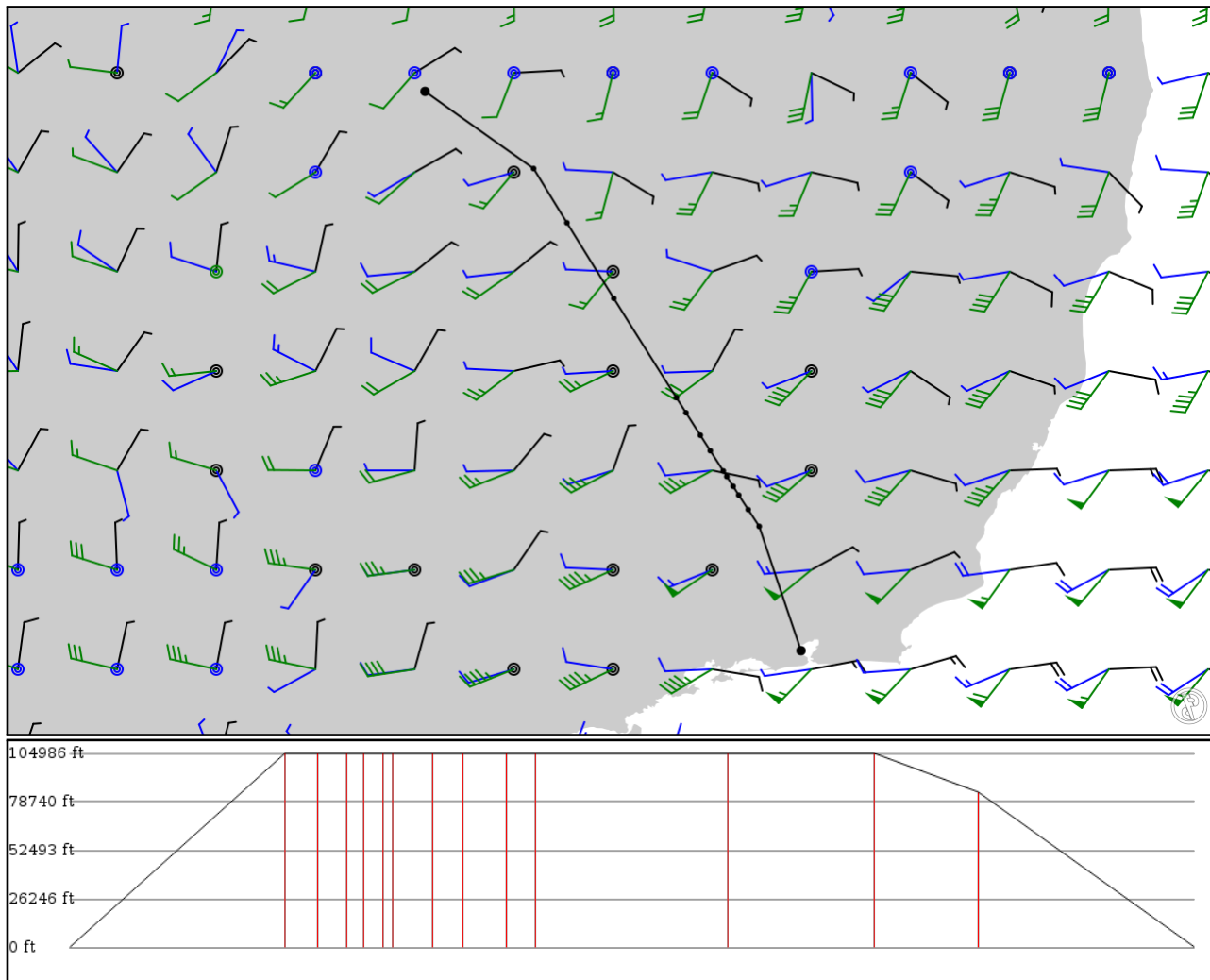
SBBR

Brasilia-Juscelino Kubitschek Intl

2024/06/05 0506Z

SBGL BBC **UM409** PROVE SBBR

504.24 nm / 933.86 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 32000ft
- Cruise Speed: 340kts
- 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
SBGL	-	-22.80890	0 ft	-	Galeao-Antonio Carlos Jobim Intl
APT	-	-43.24380	0 m	-	
BBC	-	-21.26710	32,000 ft	97	BARBACENA
NDB	-	-43.76410	9,754 m	-	
DETOG	UM409	-21.05950	32,000 ft	14	-
FIX	AWY-HI	-43.90050	9,754 m	-	
OPRIS	UM409	-20.87980	32,000 ft	12	-
FIX	AWY-HI	-44.01830	9,754 m	-	
DEJAN	UM409	-20.76970	32,000 ft	7	-
FIX	AWY-HI	-44.08750	9,754 m	-	
ETIGU	UM409	-20.64880	32,000 ft	8	-
FIX	AWY-HI	-44.16670	9,754 m	-	
GENED	UM409	-20.58000	32,000 ft	4	-
FIX	AWY-HI	-44.21070	9,754 m	-	
PONVU	UM409	-20.32870	32,000 ft	17	-
FIX	AWY-HI	-44.37220	9,754 m	-	
REDAD	UM409	-20.13650	32,000 ft	13	-
FIX	AWY-HI	-44.49570	9,754 m	-	
MOTMA	UM409	-19.85730	32,000 ft	19	-
FIX	AWY-HI	-44.67430	9,754 m	-	
ALGOX	UM409	-19.67100	32,000 ft	13	-
FIX	AWY-HI	-44.79320	9,754 m	-	
REINA	UM409	-18.43800	32,000 ft	86	-
FIX	AWY-HI	-45.57130	9,754 m	-	
FLAND	UM409	-17.50070	32,000 ft	65	-
FIX	AWY-HI	-46.15430	9,754 m	-	
PROVE	UM409	-16.82780	25,600 ft	46	-
FIX	AWY-HI	-46.56830	7,803 m	-	
SBBR	-	-15.87110	0 ft	96	Brasilia-Juscelino Kubitschek Intl
APT	-	-47.91860	0 m	-	

SBGL

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 28 ft / 9 m
Location: -22.808900 -43.243800
Magnetic Var: 23.428 W

METAR

SBGL 050400Z 22004KT 3500 -RA BR FEW005 BKN015 OVC040 20/19 Q1023

TAF

TAF SBGL 042100Z 0500/0606 27006KT 7000 BKN016 TN19/0508Z TX25/0517Z TEMPO 0500/0512 3500 BR SCT007 BKN013 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) (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	97.82		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

SBBR

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 3,498 ft / 1,066 m
Location: -15.871100 -47.918600
Magnetic Var: 22.226 W

METAR

SBBR 050400Z VRB02KT CAVOK 17/14 Q1023

TAF

TAF SBBR 041900Z 0500/0524 15005KT CAVOK TN15/0509Z TX26/0518Z BECMG 0501/0503 10003KT BECMG 0509/0511 08010KT BE

Frequencies

REC - 127.80 MHz - ATIS	CLD - 121.00 MHz - BRASILIA CLEARANCE
GND - 121.80 MHz - BRASILIA GROUND	GND - 121.95 MHz - BRASILIA GROUND
TWR - 118.10 MHz - BRASILIA TOWER	TWR - 118.45 MHz - BRASILIA TOWER
TWR - 118.75 MHz - BRASILIA TOWER	APP - 119.70 MHz - BRASILIA APPROACH
APP - 129.60 MHz - BRASILIA APPROACH	APP - 119.20 MHz - BRASILIA APPROACH
APP - 120.00 MHz - BRASILIA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11L	148 ft	10,491 ft	86.18	ASPHALT	0 ft	115 ft
	45 m	3,198 m	108.40		0 m	35 m
29R	148 ft	10,491 ft	266.17	ASPHALT	0 ft	190 ft
	45 m	3,198 m	288.39		0 m	58 m
11R	148 ft	10,813 ft	86.18	ASPHALT	0 ft	200 ft
	45 m	3,296 m	108.40		0 m	61 m
29L	148 ft	10,813 ft	266.17	ASPHALT	0 ft	194 ft
	45 m	3,296 m	288.39		0 m	59 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
29R	DME	IND	109.30 MHz	18 nm	-	-	3,479 ft
				33 km	-		3,479 m
11L	LOC-ILS	IBR	110.30 MHz	18 nm	86.17	-	3,498 ft
				33 km	108.40		3,498 m
29R	LOC-ILS	IND	109.30 MHz	18 nm	266.17	-	3,498 ft
				33 km	288.40		3,498 m
11R	LOC-ILS	IDF	109.90 MHz	18 nm	86.17	-	3,498 ft
				33 km	108.40		3,498 m
29L	LOC-ILS	IBS	111.50 MHz	18 nm	266.17	-	3,498 ft
				33 km	288.40		3,498 m
11L	GS	IBR	110.30 MHz	10 nm	86.17	3.00	3,498 ft
				19 km	108.40		3,498 m
29R	GS	IND	109.30 MHz	10 nm	266.17	3.00	3,498 ft
				19 km	288.40		3,498 m
11R	GS	IDF	109.90 MHz	10 nm	86.17	3.00	3,498 ft
				19 km	108.40		3,498 m
29L	GS	IBS	111.50 MHz	10 nm	266.17	3.00	3,498 ft
				19 km	288.40		3,498 m