

SBGR

Guarulhos-Andre Franco Montoro Intl

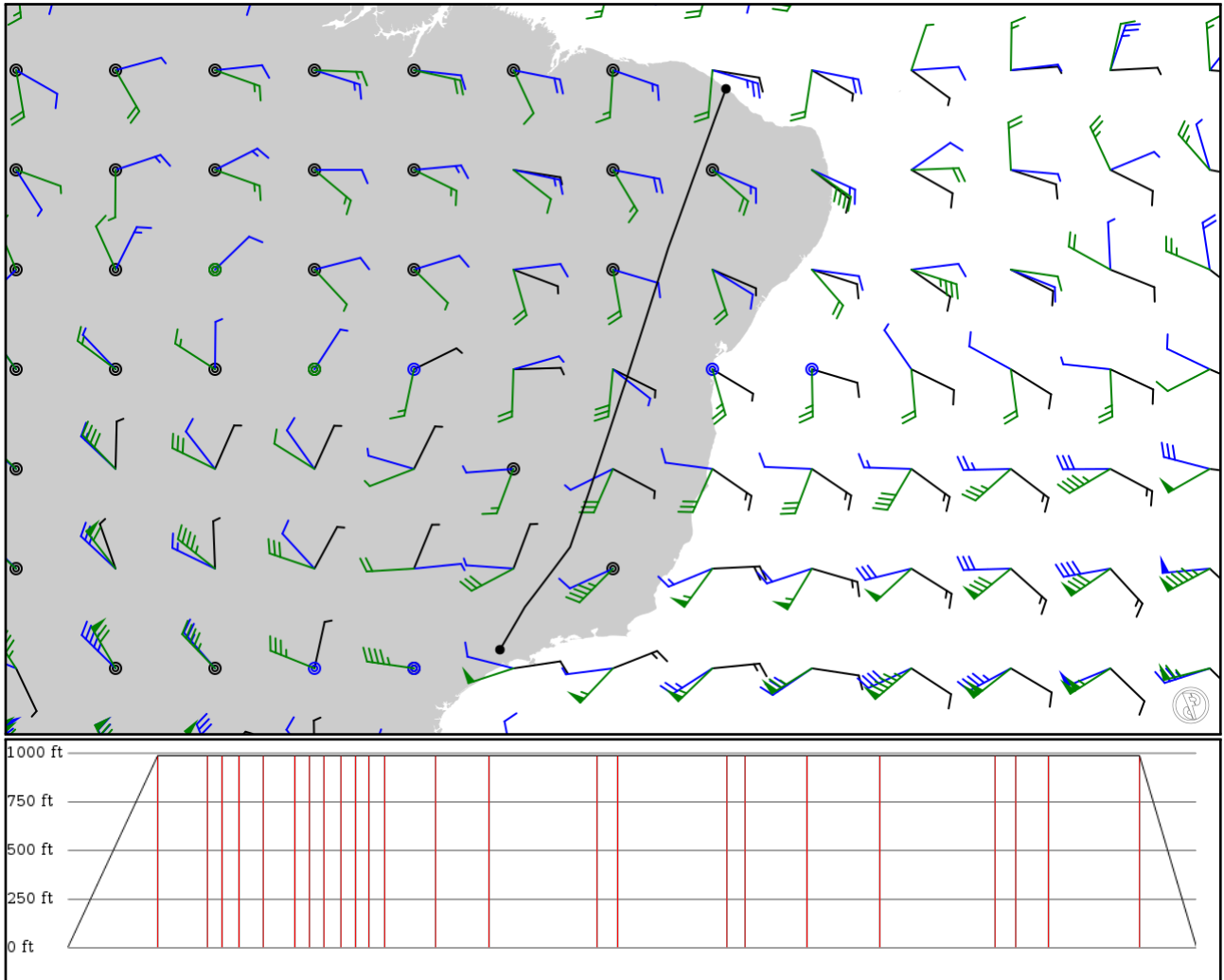
SBFZ

Pinto Martins Intl

2024/05/24 1258Z

SBGR MOLVA **W45** MOXIK **UZ23** BHZ **UZ61** ESMEM SBFZ

1273.22 nm / 2358.01 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 370ft
- 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 Type	Via	Lat Lon	Alt	Dist (nm)	Name
SBGR	-	-23.43230	0 ft	-	Guarulhos-Andre Franco Montoro Intl
APT	-	-46.46950	0 m	-	
MOLVA	-	-21.93620	300 ft	102	-
FIX	-	-45.59430	91 m	-	-
MOMDA	W45	-21.17970	300 ft	55	-
FIX	AWY-LO	-45.01520	91 m	-	-
MOXIK	W45	-20.94450	300 ft	17	-
FIX	AWY-LO	-44.83680	91 m	-	-
OPKES	UZ23	-20.68880	300 ft	18	-
FIX	AWY-HI	-44.64320	91 m	-	-
PONVU	UZ23	-20.32870	300 ft	26	-
FIX	AWY-HI	-44.37220	91 m	-	-
BHZ	UZ23	-19.83580	300 ft	36	BELO HORIZONTE
VOR	AWY-HI	-44.00360	91 m	-	
ANSIX	UZ61	-19.57330	300 ft	16	-
FIX	AWY-HI	-43.91250	91 m	-	-
DEPOT	UZ61	-19.30420	300 ft	17	-
FIX	AWY-HI	-43.81930	91 m	-	-
NINSA	UZ61	-19.00980	300 ft	18	-
FIX	AWY-HI	-43.71780	91 m	-	-
TOMOP	UZ61	-18.74500	300 ft	16	-
FIX	AWY-HI	-43.62700	91 m	-	-
OBGAR	UZ61	-18.51370	300 ft	14	-
FIX	AWY-HI	-43.54780	91 m	-	-
MUDOL	UZ61	-18.22170	300 ft	18	-
FIX	AWY-HI	-43.44920	91 m	-	-
QUARU	UZ61	-17.32620	300 ft	56	-
FIX	AWY-HI	-43.14470	91 m	-	-
FORTI	UZ61	-16.37450	300 ft	60	-
FIX	AWY-HI	-42.82570	91 m	-	-
MUMLI	UZ61	-14.41950	300 ft	123	-
FIX	AWY-HI	-42.18330	91 m	-	-
APORT	UZ61	-14.05370	300 ft	23	-
FIX	AWY-HI	-42.06080	91 m	-	-
PUIDO	UZ61	-12.10730	300 ft	122	-
FIX	AWY-HI	-41.43200	91 m	-	-
GAVUN	UZ61	-11.77420	300 ft	20	-
FIX	AWY-HI	-41.32530	91 m	-	-
KODVI	UZ61	-10.66650	300 ft	69	-
FIX	AWY-HI	-40.97250	91 m	-	-
PTL	UZ61	-9.36326	300 ft	81	PETROLINA
VOR	AWY-HI	-40.56160	91 m	-	
ERVIS	UZ61	-7.33250	300 ft	129	-
FIX	AWY-HI	-39.82650	91 m	-	-
VUDEM	UZ61	-6.95533	300 ft	24	-
FIX	AWY-HI	-39.69300	91 m	-	-
OBGEL	UZ61	-6.38500	300 ft	36	-
FIX	AWY-HI	-39.48350	91 m	-	-
ESMEM	UZ61	-4.77833	300 ft	102	-
FIX	AWY-HI	-38.90680	91 m	-	-
SBFZ	-	-3.77630	0 ft	64	Pinto Martins Intl
APT	-	-38.53260	0 m	-	

SBGR

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 2,461 ft / 750 m
Location: -23.432300 -46.469500
Magnetic Var: 22.214 W

METAR

SBGR 241200Z 28003KT CAVOK 25/14 Q1018

TAF

TAF SBGR 240800Z 2412/2518 04005KT CAVOK TX29/2417Z TN15/2509Z BECMG 2412/2414 35010KT BECMG 2414/2416 30015KT SC

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) (mag)	Surface	Threshold Offset	Overrun Length
09L	148 ft	12,131 ft	73.60	ASPHALT	295 ft	190 ft
	45 m	3,698 m	95.81		90 m	58 m
27R	148 ft	12,131 ft	253.59	ASPHALT	200 ft	194 ft
	45 m	3,698 m	275.80		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	275.80		0 m	59 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	LOC-ILS	IUC	110.70 MHz	18 nm	73.59	-	2,461 ft
				33 km	95.80		2,461 m
09R	LOC-ILS	IGR	111.50 MHz	18 nm	73.60	-	2,461 ft
				33 km	95.81		2,461 m
27L	LOC-ILS	IBC	111.10 MHz	18 nm	253.60	-	2,459 ft
				33 km	275.81		2,459 m
27R	LOC-ILS	IGS	111.90 MHz	18 nm	253.59	-	2,459 ft
				33 km	275.80		2,459 m
09L	GS	IUC	110.70 MHz	10 nm	73.59	3.00	2,461 ft
				19 km	95.80		2,461 m
09R	GS	IGR	111.50 MHz	10 nm	73.60	2.92	2,461 ft
				19 km	95.81		2,461 m
27L	GS	IBC	111.10 MHz	10 nm	253.60	3.00	2,459 ft
				19 km	275.81		2,459 m
27R	GS	IGS	111.90 MHz	10 nm	253.59	3.00	2,458 ft
				19 km	275.80		2,458 m

SBFZ

Region: BRAZIL
Timezone: AMERICA/FORTALEZA
Runways: 1

Elevation: 82 ft / 25 m
Location: -3.776300 -38.532600
Magnetic Var: 20.886 W

METAR

SBFZ 241200Z 16012KT 9999 SCT020 BKN070 28/23 Q1013

TAF

TAF SBFZ 240815Z 2412/2512 11013KT 7000 BKN025 TX30/2416Z TN26/2509Z PROB40 TEMPO 2414/2420 17007KT 4000 RA BR BKN050

Frequencies

REC - 127.70 MHz - ATIS
TWR - 129.00 MHz - PINTO MARTINS TOWER
APP - 133.00 MHz - FORTALEZA APPROACH
GND - 121.95 MHz - PINTO MARTINS GROUND
APP - 120.50 MHz - FORTALEZA APPROACH
APP - 134.55 MHz - FORTALEZA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	148 ft	8,367 ft	105.02	ASPHALT	0 ft	187 ft
	45 m	2,550 m	125.91		0 m	57 m
31	148 ft	8,367 ft	285.02	ASPHALT	0 ft	138 ft
	45 m	2,550 m	305.91		0 m	42 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	DME	IFZ	109.30 MHz	18 nm	-	-	82 ft
				33 km	-		82 m
13	LOC-ILS	IFZ	109.30 MHz	18 nm	105.02	-	82 ft
				33 km	125.91		82 m
13	GS	IFZ	109.30 MHz	10 nm	105.02	3.00	82 ft
				19 km	125.91		82 m