

SBFZ

Pinto Martins Intl

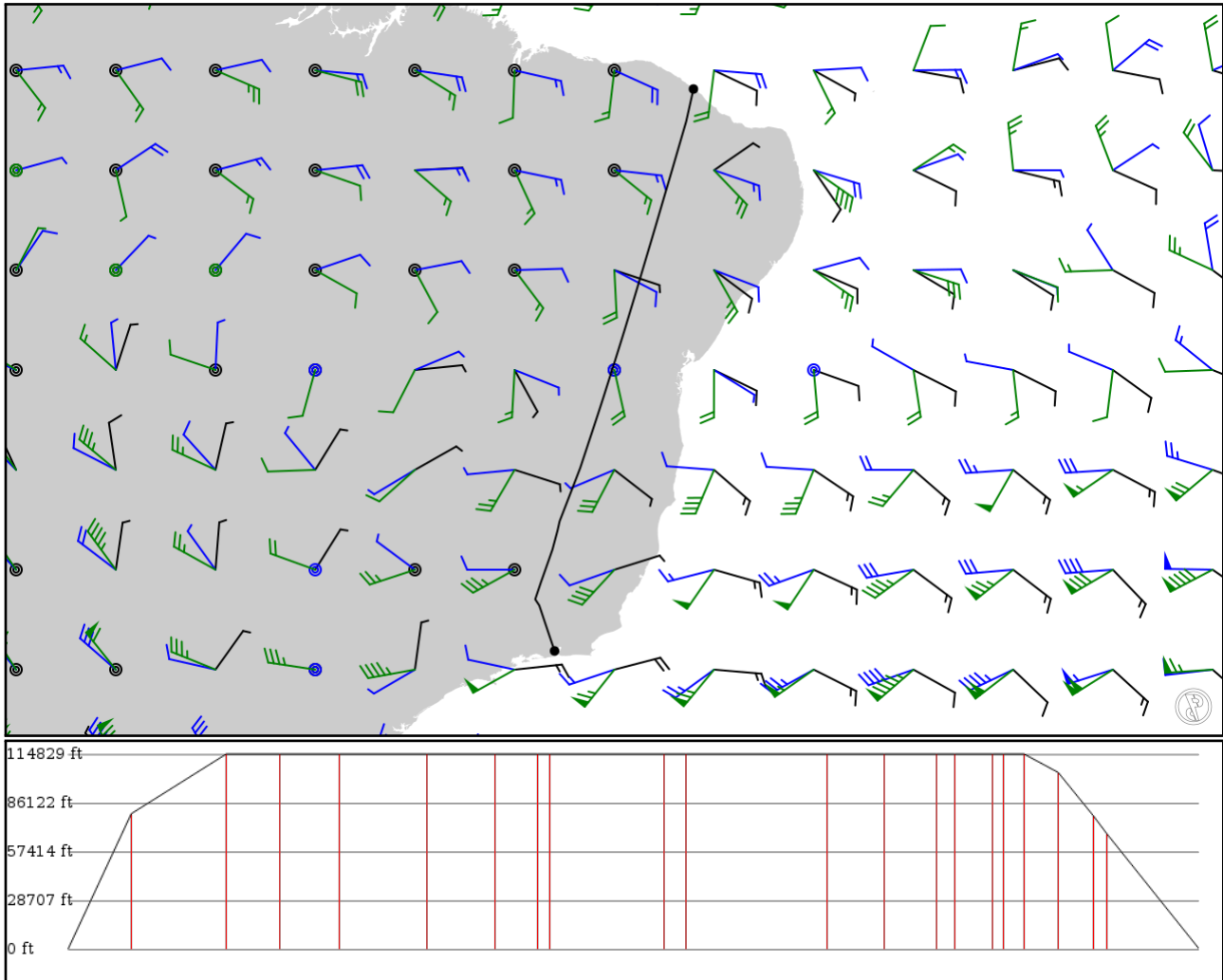
SBGL

Galeao-Antonio Carlos Jobim Intl

2024/06/05 1053Z

SBFZ LOGOX **U229** DETOG BBC SBGL

1196.41 nm / 2215.75 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 Type	Via	Lat Lon	Alt	Dist (nm)	Name
SBFZ	-	-3.77630	0 ft	-	Pinto Martins Intl
APT	-	-38.53260	0 m		
LOGOX	-	-4.88400	24,300 ft	68	-
FIX	-	-38.78120	7,407 m		
EDVAR	UZ29	-6.47767	35,000 ft	99	-
FIX	AWY-HI	-39.24630	10,668 m		
KUKAB	UZ29	-7.39317	35,000 ft	57	-
FIX	AWY-HI	-39.51480	10,668 m		
OGTID	UZ29	-8.39267	35,000 ft	62	-
FIX	AWY-HI	-39.80930	10,668 m		
EVNOR	UZ29	-9.86717	35,000 ft	92	-
FIX	AWY-HI	-40.24670	10,668 m		
MEXIX	UZ29	-11.01580	35,000 ft	71	-
FIX	AWY-HI	-40.59030	10,668 m		
DAMES	UZ29	-11.73650	35,000 ft	45	-
FIX	AWY-HI	-40.80730	10,668 m		
PALAV	UZ29	-11.94830	35,000 ft	13	-
FIX	AWY-HI	-40.87130	10,668 m		
POVBO	UZ29	-13.87970	35,000 ft	121	-
FIX	AWY-HI	-41.47900	10,668 m		
MIKUV	UZ29	-14.24430	35,000 ft	22	-
FIX	AWY-HI	-41.59500	10,668 m		
REMIG	UZ29	-16.60300	35,000 ft	148	-
FIX	AWY-HI	-42.37200	10,668 m		
EVPOS	UZ29	-17.55730	35,000 ft	61	-
FIX	AWY-HI	-42.73930	10,668 m		
OPVUK	UZ29	-18.41700	35,000 ft	55	-
FIX	AWY-HI	-43.07380	10,668 m		
MOSTI	UZ29	-18.72780	35,000 ft	19	-
FIX	AWY-HI	-43.14330	10,668 m		
KOKSU	UZ29	-19.37730	35,000 ft	40	-
FIX	AWY-HI	-43.31620	10,668 m		
KALAX	UZ29	-19.55150	35,000 ft	11	-
FIX	AWY-HI	-43.37750	10,668 m		
PABIV	UZ29	-19.90170	35,000 ft	22	-
FIX	AWY-HI	-43.50120	10,668 m		
TOGON	UZ29	-20.48030	31,700 ft	36	-
FIX	AWY-HI	-43.70700	9,662 m		
DETOG	UZ29	-21.05950	23,900 ft	36	-
FIX	AWY-HI	-43.90050	7,285 m		
BBC	-	-21.26710	20,700 ft	14	BARBACENA
NDB	-	-43.76410	6,309 m		
SBGL	-	-22.80890	0 ft	97	Galeao-Antonio Carlos Jobim Intl
APT	-	-43.24380	0 m		

SBFZ

Region: BRAZIL
Timezone: AMERICA/FORTALEZA
Runways: 1

Elevation: 82 ft / 25 m
Location: -3.776300 -38.532600
Magnetic Var: 20.885 W

METAR

SBFZ 051000Z 16008KT 9999 SCT017 SCT100 26/24 Q1014

TAF

TAF SBFZ 050300Z 0506/0606 13005KT 8000 BKN018 BKN030 TN25/0509Z TX30/0516Z TEMPO 0506/0510 4000 BR BKN017 BECMG (

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	305.90		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	125.90		82 m
13	GS	IFZ	109.30 MHz	10 nm	105.02	3.00	82 ft
				19 km	125.90		82 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 051000Z 32004KT 8000 -RA FEW010 SCT015 OVC050 20/19 Q1023

TAF

TAF SBGL 050300Z 0506/0612 15005KT 7000 FEW010 BKN020 TN17/0508Z TX25/0517Z TEMPO 0506/0512 3500 BR BKN007 BKN013

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