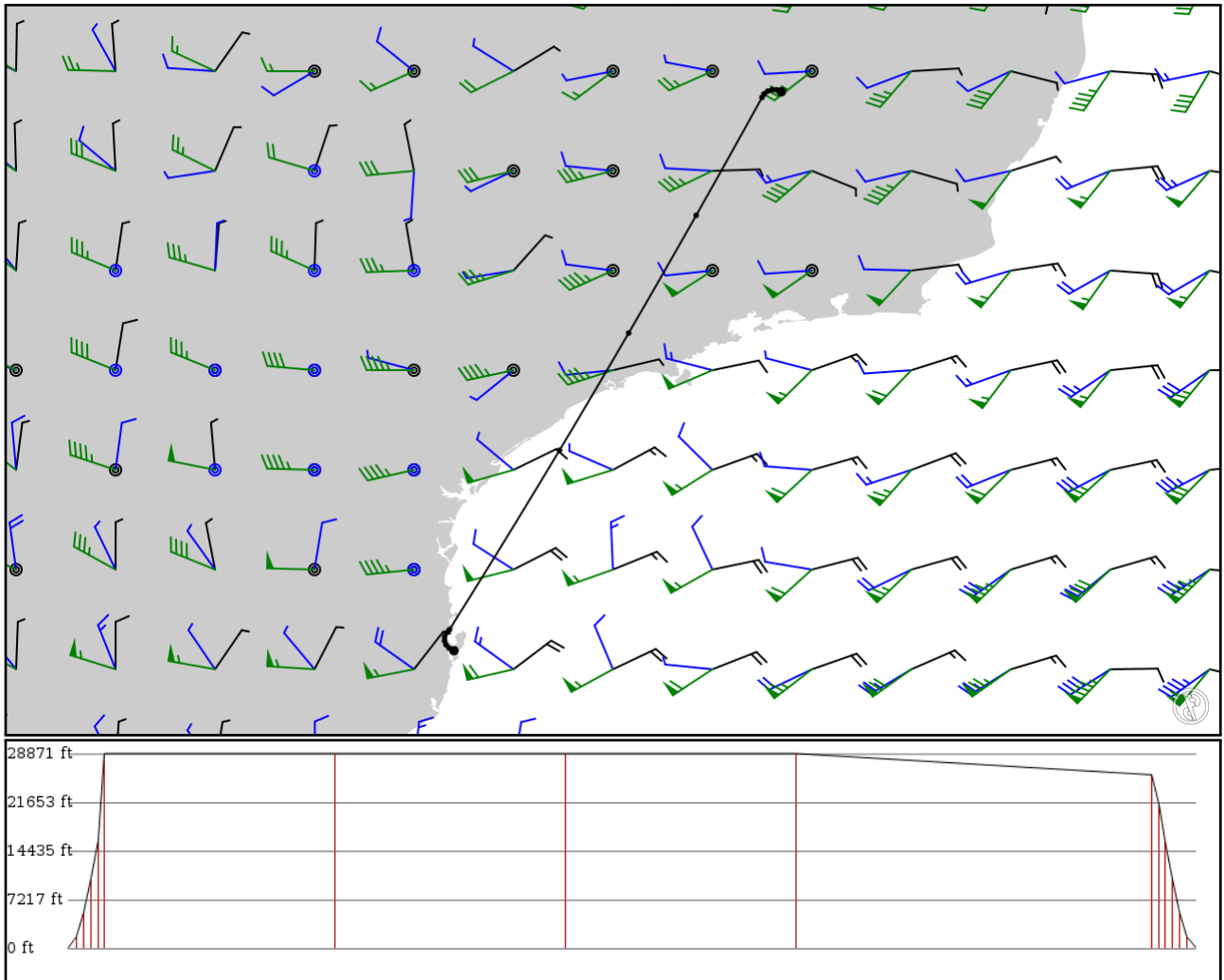


2024/05/11 0601Z

SBBH -19.82_-044.03 -19.82_-044.10 -19.84_-044.15 -19.88_-044.20 -19.93_-044.23 -21.58_-045.16
-23.22_-046.10 -24.86_-047.07 -27.37_-048.61 -27.42_-048.66 -27.47_-048.68 -27.53_-048.68
-27.58_-048.66 -27.63_-048.62 SBFL

547.88 nm / 1014.68 km



Notes

Departing runway 29 SBBH. Arriving runway 12 SBFL.

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
SBBH	-	-19.84721	0 ft	-	-
APT	-	-43.96182	0 m		
-19.82_-044.03	-	-19.82171	520 ft	4	-
LATLON	-	-44.03382	158 m		
-19.82_-044.10	-	-19.82107	1,620 ft	3	-
LATLON	-	-44.09535	494 m		
-19.84_-044.15	-	-19.84027	3,150 ft	3	-
LATLON	-	-44.15341	960 m		
-19.88_-044.20	-	-19.87699	4,870 ft	3	-
LATLON	-	-44.20100	1,484 m		
-19.93_-044.23	-	-19.92680	8,800 ft	3	-
LATLON	-	-44.23237	2,682 m		
-21.58_-045.16	-	-21.57744	8,800 ft	111	-
LATLON	-	-45.15579	2,682 m		
-23.22_-046.10	-	-23.22345	8,800 ft	111	-
LATLON	-	-46.10180	2,682 m		
-24.86_-047.07	-	-24.86365	8,800 ft	111	-
LATLON	-	-47.07139	2,682 m		
-27.37_-048.61	-	-27.37266	7,840 ft	172	-
LATLON	-	-48.61472	2,390 m		
-27.42_-048.66	-	-27.41617	6,520 ft	3	-
LATLON	-	-48.65774	1,987 m		
-27.47_-048.68	-	-27.47011	4,870 ft	3	-
LATLON	-	-48.68141	1,484 m		
-27.53_-048.68	-	-27.52799	3,150 ft	3	-
LATLON	-	-48.68288	960 m		
-27.58_-048.66	-	-27.58282	1,620 ft	3	-
LATLON	-	-48.66193	494 m		
-27.63_-048.62	-	-27.62800	520 ft	3	-
LATLON	-	-48.62108	158 m		
SBFL	-	-27.66560	0 ft	4	Hercillo Luz
APT	-	-48.55128	0 m		

SBBH

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 1

Elevation: 2,589 ft / 789 m
Location: -19.850800 -43.949900
Magnetic Var: 23.411 W

METAR

SBBH 110500Z 08004KT 9999 FEW045 20/18 Q1018

TAF

UNKNOWN

Frequencies

REC - 127.45 MHz - BELO HORIZONTE ATIS	CLD - 121.10 MHz -
GND - 121.60 MHz - BELO HORIZONTE GROUND	BELO HORIZONTE CLEARANCE DELIVERY
APP - 119.10 MHz - BELO HORIZONTE APPROACH	TWR - 118.00 MHz - BELO HORIZONTE TOWER
APP - 128.80 MHz - BELO HORIZONTE APPROACH	APP - 119.30 MHz - BELO HORIZONTE APPROACH
DEP - 120.20 MHz - BELO HORIZONTE DEPARTURE	APP - 129.10 MHz - BELO HORIZONTE APPROACH
	COM - 122.80 MHz - BELO HORIZONTE UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	148 ft	7,751 ft	110.89	ASPHALT	0 ft	472 ft
	45 m	2,362 m	134.30		0 m	144 m
31	148 ft	7,751 ft	290.88	ASPHALT	0 ft	482 ft
	45 m	2,362 m	314.29		0 m	147 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	IPM	109.30 MHz	18 nm	110.88	-	2,589 ft
				33 km	134.29		2,589 m
13	GS	IPM	109.30 MHz	10 nm	110.88	3.00	2,589 ft
				19 km	134.29		2,589 m

SBFL

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 17 ft / 5 m
Location: -27.670300 -48.546800
Magnetic Var: 20.236 W

METAR

SBFL 110500Z 29004KT 8000 BKN011 OVC020 21/20 Q1012

TAF

TAF SBFL 102100Z 1100/1200 33007KT 9999 SCT015 BKN030 TN21/1108Z TX26/1116Z TEMPO 1100/1103 7000 SHRA BKN015 BKN0

Frequencies

REC - 127.45 MHz - FLORIANOPOLIS ATIS	GND - 121.70 MHz - FLORIANOPOLIS GROUND
TWR - 118.70 MHz - FLORIANOPOLIS TOWER	TWR - 122.80 MHz - FLORIANOPOLIS TOWER
APP - 119.50 MHz - FLORIANOPOLIS APPROACH	APP - 119.65 MHz - FLORIANOPOLIS APPROACH
APP - 128.95 MHz - FLORIANOPOLIS APPROACH	APP - 129.45 MHz - FLORIANOPOLIS APPROACH
APP - 129.60 MHz - FLORIANOPOLIS APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	148 ft	7,881 ft	121.30	ASPHALT	0 ft	0 ft
	45 m	2,402 m	141.54		0 m	0 m
32	148 ft	7,881 ft	301.29	ASPHALT	0 ft	0 ft
	45 m	2,402 m	321.53		0 m	0 m
03	148 ft	4,343 ft	11.46	CONCRETE	0 ft	591 ft
	45 m	1,324 m	31.70		0 m	180 m
21	148 ft	4,343 ft	191.46	CONCRETE	459 ft	0 ft
	45 m	1,324 m	211.70		140 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	LOC-ILS	IFL	110.30 MHz	18 nm	121.30	-	17 ft
				33 km	141.54		17 m
14	GS	IFL	110.30 MHz	10 nm	121.30	3.00	17 ft
				19 km	141.54		17 m