

SKBO

El Dorado Intl

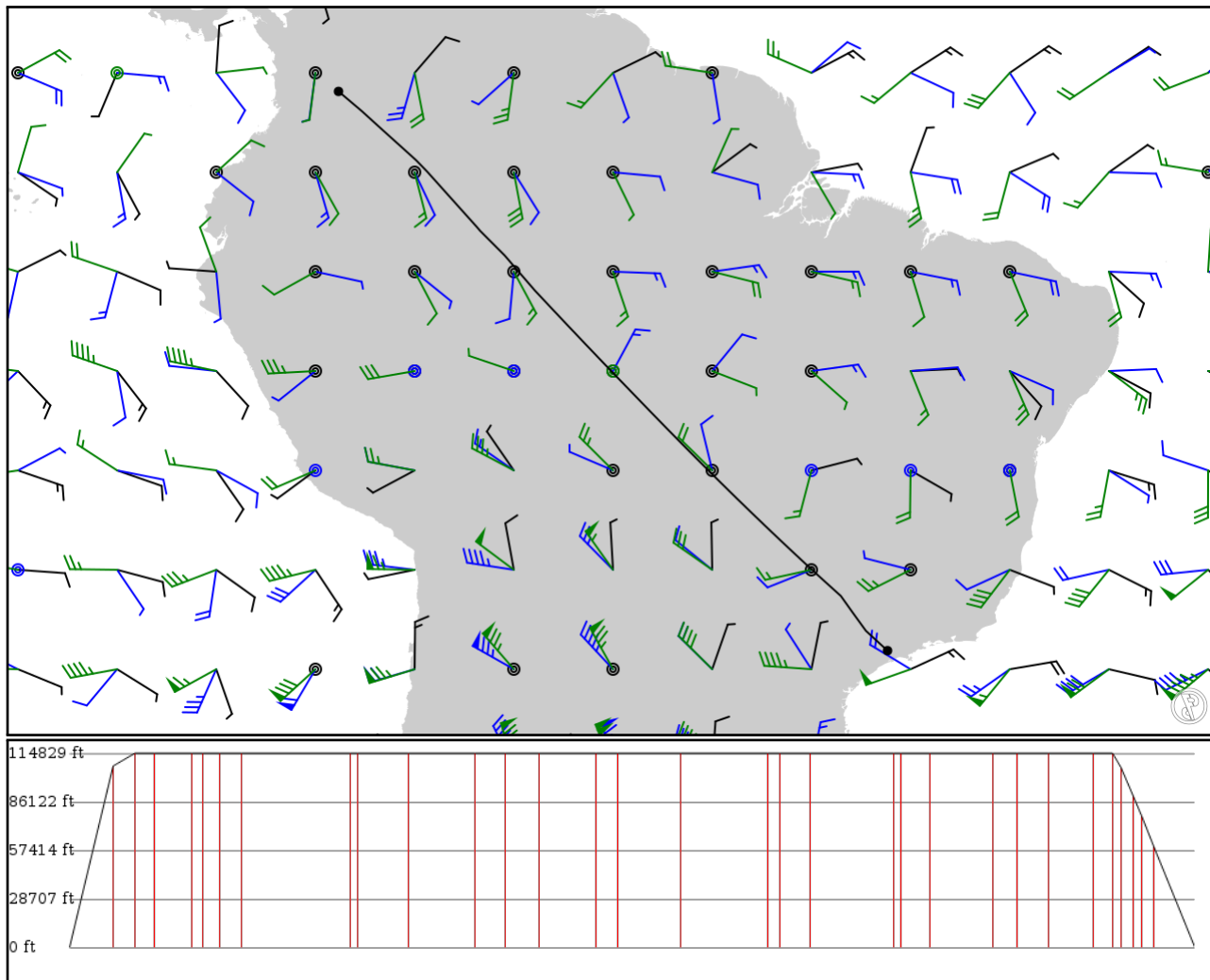
SBGR

Guarulhos-Andre Franco Montoro Intl

2024/05/01 0309Z

SKBO KOTER W17 MTU UL201 ASTOB UL304 RCL SBGR

2346.95 nm / 4346.55 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
SKBO APT	-	4.70160 -74.14700	0 ft 0 m	-	El Dorado Intl
KOTER FIX	-	3.71417 -72.97720	32,700 ft 9,967 m	91	-
TIPVA FIX	W17 AWY-LO	3.20222 -72.41220	35,000 ft 10,668 m	45	-
UGAXI FIX	W17 AWY-LO	2.75694 -71.92080	35,000 ft 10,668 m	39	-
IRIDA FIX	W17 AWY-LO	1.87500 -70.93940	35,000 ft 10,668 m	79	-
NIBRO FIX	W17 AWY-LO	1.63097 -70.66830	35,000 ft 10,668 m	21	-
MTU VOR	W17 AWY-LO	1.24222 -70.23670	35,000 ft 10,668 m	34	MITU
ABIDE FIX	UL201 AWY-HI	0.67850 -69.68800	35,000 ft 10,668 m	47	-
CLOTI FIX	UL201 AWY-HI	-2.12383 -67.16820	35,000 ft 10,668 m	226	-
MINIB FIX	UL201 AWY-HI	-2.31583 -67.00450	35,000 ft 10,668 m	15	-
BUMBA FIX	UL201 AWY-HI	-3.55117 -65.76980	35,000 ft 10,668 m	104	-
EGLER FIX	UL201 AWY-HI	-5.30517 -64.25530	35,000 ft 10,668 m	138	-
PERSA FIX	UL201 AWY-HI	-6.07233 -63.53420	35,000 ft 10,668 m	63	-
OBEBA FIX	UL201 AWY-HI	-6.94117 -62.71380	35,000 ft 10,668 m	71	-
BARGE FIX	UL201 AWY-HI	-8.37017 -61.35470	35,000 ft 10,668 m	117	-
RONEN FIX	UL201 AWY-HI	-8.92283 -60.82500	35,000 ft 10,668 m	45	-
ARPAR FIX	UL201 AWY-HI	-10.51500 -59.28630	35,000 ft 10,668 m	132	-
ISLUT FIX	UL201 AWY-HI	-12.70720 -57.15070	35,000 ft 10,668 m	181	-
ILMOK FIX	UL201 AWY-HI	-13.00930 -56.85230	35,000 ft 10,668 m	25	-
EQUAL FIX	UL201 AWY-HI	-13.75670 -56.10970	35,000 ft 10,668 m	62	-
ISVOM FIX	UL201 AWY-HI	-15.82350 -54.01770	35,000 ft 10,668 m	173	-
GRACE FIX	UL201 AWY-HI	-16.00550 -53.83030	35,000 ft 10,668 m	15	-
MABMA FIX	UL201 AWY-HI	-16.70920 -53.10080	35,000 ft 10,668 m	59	-
ABUSE FIX	UL201 AWY-HI	-18.25770 -51.46930	35,000 ft 10,668 m	131	-
TESEK FIX	UL201 AWY-HI	-18.84550 -50.83920	35,000 ft 10,668 m	50	-
ISLAL FIX	UL201 AWY-HI	-19.60750 -50.01050	35,000 ft 10,668 m	65	-
ASTOB	UL201	-20.68000	35,000 ft	92	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-48.82320	10,668 m		
OB DAM	UL304	-21.23770	35,000 ft	40	-
FIX	AWY-HI	-48.42550	10,668 m		
REPAX	UL304	-21.51630	32,400 ft	20	-
FIX	AWY-HI	-48.22550	9,876 m		
PUKTO	UL304	-21.84670	27,300 ft	23	-
FIX	AWY-HI	-47.98680	8,321 m		
LONAL	UL304	-22.07620	23,700 ft	16	-
FIX	AWY-HI	-47.82050	7,224 m		
RCL	UL304	-22.43020	18,200 ft	25	RIO CLARO
NDB	AWY-HI	-47.56250	5,547 m		
SBGR	-	-23.43230	0 ft	85	Guarulhos-Andre Franco Montoro Intl
APT	-	-46.46950	0 m		

SKBO

Region: COLOMBIA
Timezone: AMERICA/BOGOTA
Runways: 2

Elevation: 8,358 ft / 2,548 m
Location: 4.701600 -74.147000
Magnetic Var: 8.189 W

METAR

SKBO 010200Z 02003KT 9999 SCT017 SCT070 13/13 Q1028 NOSIG

TAF

TAF SKBO 302230Z 0100/0124 VRB02KT 9999 SCT015 TEMPO 0109/0112 5000 BR BECMG 0116/0118 31012KT BKN020 PROB40 TEMPO

Frequencies

REC - 127.80 MHz - ATIS	TWR - 118.10 MHz - EL DORADO TOWER
TWR - 118.25 MHz - EL DORADO TOWER	GND - 121.80 MHz - EL DORADO GROUND
GND - 122.75 MHz - EL DORADO GROUND	APP - 121.30 MHz - BOGOTA APPROACH
APP - 119.50 MHz - BOGOTA APPROACH	APP - 119.65 MHz - BOGOTA APPROACH
APP - 119.95 MHz - BOGOTA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	151 ft	12,479 ft	127.23	ASPHALT	0 ft	203 ft
	46 m	3,804 m	135.42		0 m	62 m
31L	151 ft	12,479 ft	307.24	ASPHALT	0 ft	203 ft
	46 m	3,804 m	315.42		0 m	62 m
13L	151 ft	12,479 ft	127.24	ASPHALT	0 ft	98 ft
	46 m	3,804 m	135.43		0 m	30 m
31R	151 ft	12,479 ft	307.24	ASPHALT	0 ft	98 ft
	46 m	3,804 m	315.43		0 m	30 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	DME	IEDR	111.30 MHz	18 nm	-	-	8,361 ft
				33 km	-		8,361 m
13R	DME	IADO	110.70 MHz	18 nm	-	-	8,361 ft
				33 km	-		8,361 m
13L	LOC-ILS	IEDR	111.30 MHz	18 nm	127.24	-	8,358 ft
				33 km	135.43		8,358 m
13R	LOC-ILS	IADO	110.70 MHz	18 nm	127.24	-	8,358 ft
				33 km	135.43		8,358 m
13L	GS	IEDR	111.30 MHz	10 nm	127.24	3.00	8,358 ft
				19 km	135.43		8,358 m
13R	GS	IADO	110.70 MHz	10 nm	127.24	3.00	8,358 ft
				19 km	135.43		8,358 m

SBGR

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 2,461 ft / 750 m
Location: -23.432300 -46.469500
Magnetic Var: 22.206 W

METAR

SBGR 010200Z 06003KT CAVOK 21/17 Q1018

TAF

TAF SBGR 302200Z 0100/0206 05005KT CAVOK TN19/0109Z TX31/0118Z BECMG 0102/0104 7000 NSC PROB30 0108/0110 3000 BR B

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	275.79		61 m	59 m
09R	148 ft	9,832 ft	73.60	ASPHALT	0 ft	194 ft
	45 m	2,997 m	95.81		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