

SBGL

Rio de Janeiro-Galeao Antonio Carlos Jobim Airport

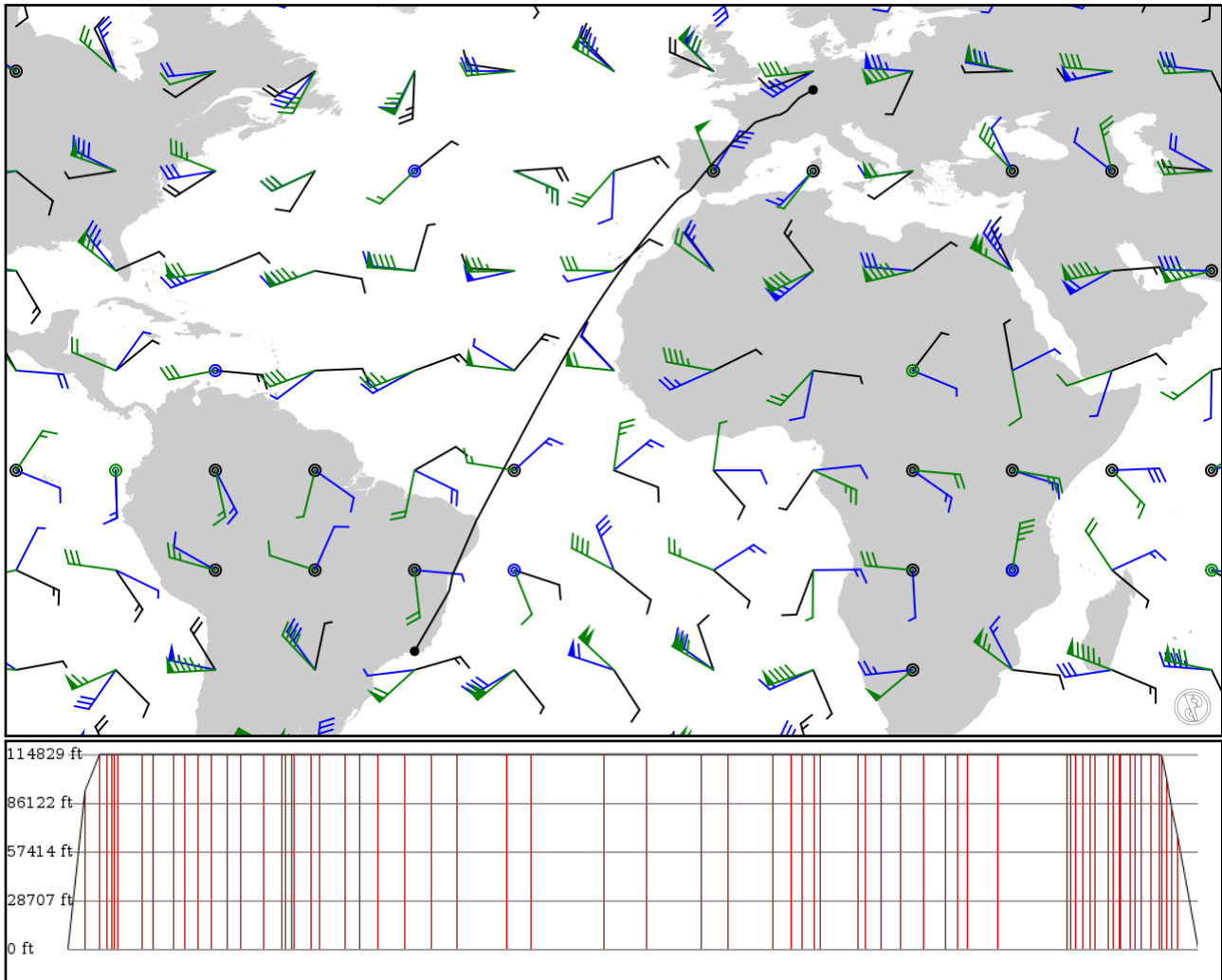
EDDF

Frankfurt

2024/05/07 0217Z

SBGL IMBAP **UZ42** DOKLU **UZ44** SVD **UZ10** NTL **UN873** GDV **UN858** PESAS **UQ262** LUSEM URUNA **UP181** ENSAC **UN10**
BEBIX **UM129** EPL **UL47** GTQ EDDF

5197.76 nm / 9626.25 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: no

- Use high airways: yes

Route

Ident		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
SBGL	-	-22.80890	0 ft	-		Rio de Janeiro-Galeao Antonio Carlos Jobim Airport
APT	-	-43.24380	0 m			
IMBAP	-	-21.63280	28,400 ft	79	-	
FIX	-	-42.58650	8,656 m			
SIRAP	UZ42	-20.62270	35,000 ft	68	-	
FIX	AWY-HI	-42.00770	10,668 m			
UGPAR	UZ42	-20.10630	35,000 ft	35	-	
FIX	AWY-HI	-41.70030	10,668 m			
TEDOL	UZ42	-19.81500	35,000 ft	20	-	
FIX	AWY-HI	-41.52780	10,668 m			
TIDNO	UZ42	-19.65170	35,000 ft	11	-	
FIX	AWY-HI	-41.43150	10,668 m			
TOLUD	UZ42	-19.37130	35,000 ft	19	-	
FIX	AWY-HI	-41.26670	10,668 m			
SAVBI	UZ42	-17.77830	35,000 ft	109	-	
FIX	AWY-HI	-40.34230	10,668 m			
SEDVO	UZ42	-17.03580	35,000 ft	50	-	
FIX	AWY-HI	-39.91780	10,668 m			
RAIRA	UZ42	-15.63000	35,000 ft	96	-	
FIX	AWY-HI	-39.09920	10,668 m			
DOKLU	UZ42	-14.90250	35,000 ft	49	-	
FIX	AWY-HI	-38.71070	10,668 m			
DINER	UZ44	-13.89330	35,000 ft	61	-	
FIX	AWY-HI	-38.51230	10,668 m			
SVD	UZ44	-12.90640	35,000 ft	60	SALVADOR	
VOR	AWY-HI	-38.32140	10,668 m			
AZOTE	UZ10	-11.83400	35,000 ft	70	-	
FIX	AWY-HI	-37.84080	10,668 m			
AKVUR	UZ10	-10.83200	35,000 ft	65	-	
FIX	AWY-HI	-37.38920	10,668 m			
ZIPAR	UZ10	-9.23600	35,000 ft	104	-	
FIX	AWY-HI	-36.69280	10,668 m			
ILNOT	UZ10	-7.95783	35,000 ft	83	-	
FIX	AWY-HI	-36.13500	10,668 m			
NEUMA	UZ10	-7.71783	35,000 ft	15	-	
FIX	AWY-HI	-36.03080	10,668 m			
KOGDA	UZ10	-7.30350	35,000 ft	27	-	
FIX	AWY-HI	-35.85120	10,668 m			
RUMBA	UZ10	-7.12233	35,000 ft	11	-	
FIX	AWY-HI	-35.77280	10,668 m			
NTL	UZ10	-5.90832	35,000 ft	79	NATAL	
VOR	AWY-HI	-35.24860	10,668 m			
IBAGA	UN873	-5.31783	35,000 ft	40	-	
FIX	AWY-HI	-34.93280	10,668 m			
FEMUR	UN873	-3.63400	35,000 ft	114	-	
FIX	AWY-HI	-34.03620	10,668 m			
VUNOK	UN873	-2.63800	35,000 ft	67	-	
FIX	AWY-HI	-33.50880	10,668 m			
INTOL	UN873	-1.36083	35,000 ft	86	-	
FIX	AWY-HI	-32.83150	10,668 m			
SALPU	UN873	0.44317	35,000 ft	122	-	
FIX	AWY-HI	-31.87730	10,668 m			
ORARO	UN873	2.24717	35,000 ft	122	-	

Ident Type		Via	Lat Lon		Alt	Dist (nm)	Name
FIX	AWY-HI	-30.92280	10,668 m				
TASIL	UN873	4.00500	35,000 ft	119	-		
FIX	AWY-HI	-29.99000	10,668 m				
ASEBA	UN873	7.31111	35,000 ft	225	-		
FIX	AWY-HI	-28.21890	10,668 m				
SAGMA	UN873	8.94167	35,000 ft	111	-		
FIX	AWY-HI	-27.33500	10,668 m				
POMAT	UN873	13.87670	35,000 ft	337	-		
FIX	AWY-HI	-24.59670	10,668 m				
CVS	UN873	16.73680	35,000 ft	196	SAL		
VOR	AWY-HI	-22.95100	10,668 m				
IPERA	UN873	20.36500	35,000 ft	252	-		
FIX	AWY-HI	-20.70000	10,668 m				
ISOKA	UN873	22.08140	35,000 ft	120	-		
FIX	AWY-HI	-19.59000	10,668 m				
LIMAL	UN873	25.00000	35,000 ft	205	-		
FIX	AWY-HI	-17.62560	10,668 m				
UDATI	UN873	26.19780	35,000 ft	85	-		
FIX	AWY-HI	-16.78640	10,668 m				
ODEGI	UN873	26.89460	35,000 ft	49	-		
FIX	AWY-HI	-16.29010	10,668 m				
LOMAS	UN873	27.72040	35,000 ft	59	-		
FIX	AWY-HI	-15.69110	10,668 m				
GDV	UN873	28.07710	35,000 ft	25	GRAN CANARIA		
VOR	AWY-HI	-15.42900	10,668 m				
VASTO	UN858	30.50940	35,000 ft	175	-		
FIX	AWY-HI	-13.57280	10,668 m				
SULAM	UN858	30.91580	35,000 ft	29	-		
FIX	AWY-HI	-13.24830	10,668 m				
DIMSA	UN858	31.97190	35,000 ft	76	-		
FIX	AWY-HI	-12.39890	10,668 m				
IBLIV	UN858	33.17390	35,000 ft	87	-		
FIX	AWY-HI	-11.40610	10,668 m				
SUNID	UN858	34.61970	35,000 ft	106	-		
FIX	AWY-HI	-10.15670	10,668 m				
AKUDA	UN858	35.96670	35,000 ft	100	-		
FIX	AWY-HI	-8.95000	10,668 m				
OBOLO	UN858	36.53140	35,000 ft	52	-		
FIX	AWY-HI	-8.13250	10,668 m				
PESAS	UN858	37.03670	35,000 ft	47	-		
FIX	AWY-HI	-7.38333	10,668 m				
EKRIS	UQ262	39.00000	35,000 ft	140	-		
FIX	AWY-HI	-5.78142	10,668 m				
LUSEM	UQ262	43.37470	35,000 ft	318	-		
FIX	AWY-HI	-1.78056	10,668 m				
URUNA	-	43.35500	35,000 ft	2	-		
FIX	-	-1.74028	10,668 m				
BTZ	UP181	43.46660	35,000 ft	12	BIARRITZ PAYS BASQUE		
VOR	AWY-HI	-1.51028	10,668 m				
MAGEC	UP181	43.74830	35,000 ft	21	-		
FIX	AWY-HI	-1.19583	10,668 m				
ENSAC	UP181	44.20000	35,000 ft	34	-		
FIX	AWY-HI	-0.69028	10,668 m				
SAU	UN10	44.67680	35,000 ft	36	SAUVETERRE DE GUYENNE		
VOR	AWY-HI	-0.15292	10,668 m				
VELIN	UN10	44.98000	35,000 ft	22	-		

Ident Type		Via	Lat Lon		Alt	Dist (nm)	Name
FIX	AWY-HI	0.15556	10,668 m				
LMG	UN10	45.81590	35,000 ft	62	LIMOGES		
VOR	AWY-HI	1.02558	10,668 m				
BEBIX	UN10	45.94920	35,000 ft	17	-		
FIX	AWY-HI	1.39972	10,668 m				
GUERE	UM129	46.19000	35,000 ft	32	-		
FIX	AWY-HI	2.08944	10,668 m				
LARON	UM129	46.22750	35,000 ft	5	-		
FIX	AWY-HI	2.19833	10,668 m				
KUKOR	UM129	46.54190	35,000 ft	42	-		
FIX	AWY-HI	3.12917	10,668 m				
MOU	UM129	46.70680	35,000 ft	22	MOULINS		
VOR	AWY-HI	3.63167	10,668 m				
PIBAT	UM129	46.80580	35,000 ft	26	-		
FIX	AWY-HI	4.25917	10,668 m				
DJL	UM129	47.27080	35,000 ft	44	DIJON LONGVIC		
VOR	AWY-HI	5.09733	10,668 m				
RESPO	UM129	47.83280	35,000 ft	39	-		
FIX	AWY-HI	5.60800	10,668 m				
DILAB	UM129	48.04500	34,700 ft	14	-		
FIX	AWY-HI	5.80417	10,577 m				
EPL	UM129	48.31780	30,500 ft	19	EPINAL MIRECOURT		
VOR	AWY-HI	6.05942	9,296 m				
GIVOR	UL47	48.65860	25,300 ft	24	-		
FIX	AWY-HI	6.39139	7,711 m				
GTQ	UL47	48.98640	20,300 ft	23	GROSTENQUIN		
VOR	AWY-HI	6.71622	6,187 m				
EDDF	-	50.03260	0 ft	94	Frankfurt		
APT	-	8.54067	0 m				

SBGL

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 28 ft / 9 m
Location: -22.808900 -43.243800
Magnetic Var: 23.420 W

METAR

SBGL 070200Z 10006KT CAVOK 24/20 Q1014

TAF

TAF SBGL 062059Z 0700/0806 07005KT CAVOK TN21/0709Z TX33/0717Z BECMG 0703/0705 01005KT 7000 PROB30 0709/0712 3200

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	277.80		0 m	53 m
15	154 ft	10,426 ft	125.65	ASPHALT	0 ft	184 ft
	47 m	3,178 m	149.07		0 m	56 m
33	154 ft	10,426 ft	305.64	ASPHALT	0 ft	184 ft
	47 m	3,178 m	329.06		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	97.81		28 m
15	LOC-ILS	IGL	110.30 MHz	18 nm	125.65	-	28 ft
				33 km	149.07		28 m
28	LOC-ILS	ILM	111.50 MHz	18 nm	254.39	-	28 ft
				33 km	277.81		28 m
10	GS	ITB	109.30 MHz	10 nm	74.39	3.00	28 ft
				19 km	97.81		28 m
15	GS	IGL	110.30 MHz	10 nm	125.65	3.00	28 ft
				19 km	149.07		28 m
28	GS	ILM	111.50 MHz	10 nm	254.39	2.94	28 ft
				19 km	277.81		28 m

EDDF

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 4

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.172 E

METAR

EDDF 070150Z AUTO 22005KT 9999 BKN017 BKN037 11/10 Q1012 NOSIG

TAF

TAF EDDF 062300Z 0700/0806 25007KT 9999 SCT030 BKN040 TEMPO 0700/0702 SCT020 SCT040 PROB40 TEMPO 0702/0708 4000 B

Frequencies

REC - 118.02 MHz - ATIS ARRIVAL
GND - 121.80 MHz - GROUND
GND - 121.70 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER
TWR - 124.85 MHz - TOWER
TWR - 136.50 MHz - TOWER
APP - 127.27 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 119.90 MHz - TOWER
TWR - 127.32 MHz - TOWER
CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 118.50 MHz - FRANKFURT DIRECT
APP - 126.55 MHz - LANGEN RADAR
APP - 120.15 MHz - LANGEN RADAR
APP - 119.02 MHz - LANGEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	9,194 ft	69.56	CONCRETE	0 ft	0 ft
	45 m	2,802 m	66.39		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.42		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.40		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.44		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.42		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.45		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.47		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.47		0 m	37 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm	-	-	357 ft
				33 km	-		357 m
25C	DME	IFCW	111.55 MHz	18 nm	-	-	364 ft
				33 km	-		364 m
25R	DME	IFNW	111.35 MHz	18 nm	-	-	357 ft
				33 km	-		357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.42		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.41		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.44		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.42		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.44		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.41		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.42		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.41		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.44		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.42		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.44		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.41		362 m