

SBGR

Guarulhos-Andre Franco Montoro Intl

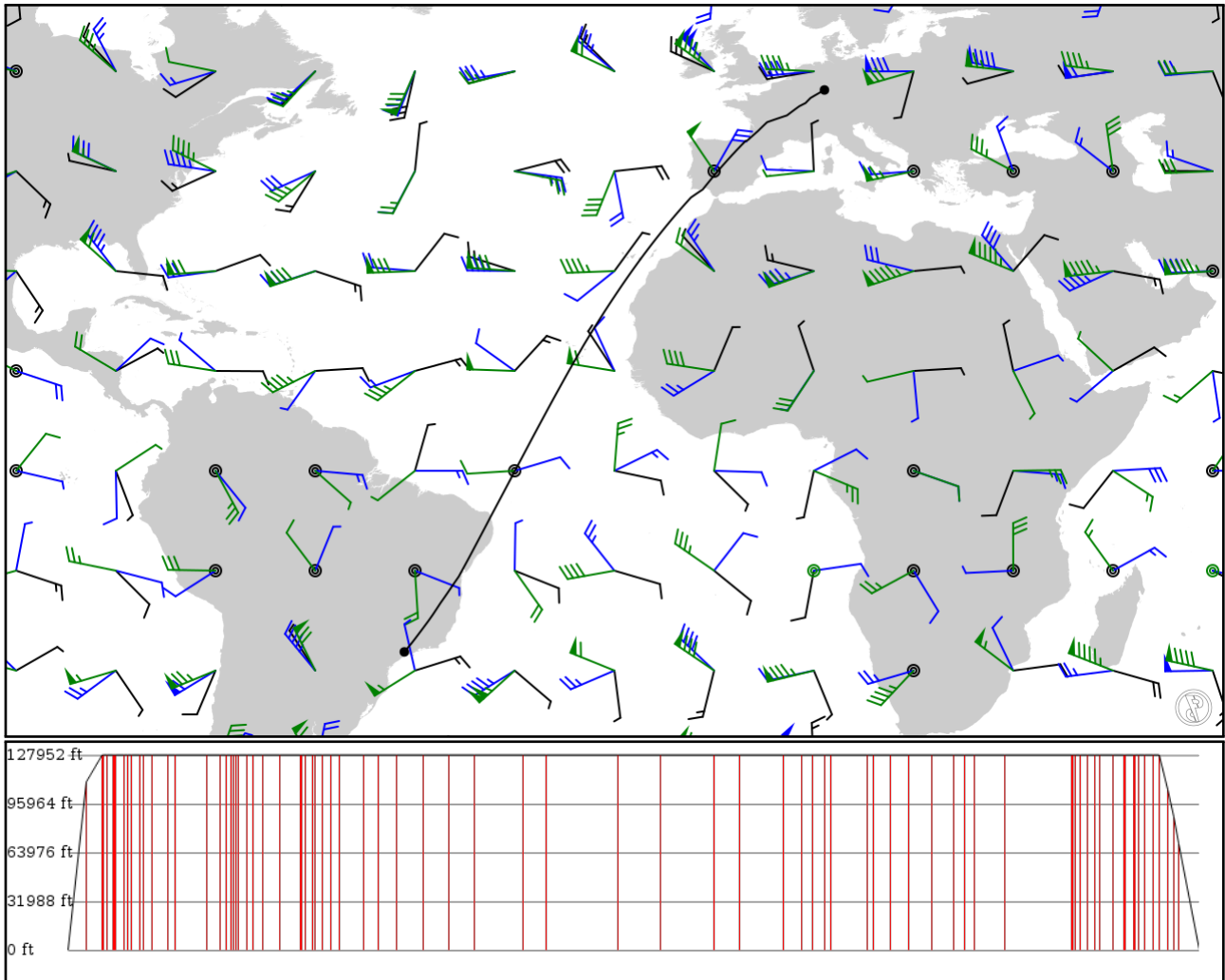
EDDF

Frankfurt

2024/05/17 0052Z

SBGR MULAP **UZ14** NTL **UN873** GDV **UN858** PESAS **UQ262** LUSEM URUNA **UP181** ENSAC **UN10** LMG **G21** GUERE **UM129**
KUKOR **G21** EPL **UL47** GTQ EDDF

5309.18 nm / 9832.61 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 39000ft
- Cruise Speed: 400kts
- 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			
MULAP	-	-22.24820	33,600 ft	89	-	
FIX	-	-45.48100	10,241 m			
NELOV	UZ14	-21.23700	39,000 ft	74	-	
FIX	AWY-HI	-44.70650	11,887 m			
UTPIN	UZ14	-21.19670	39,000 ft	2	-	
FIX	AWY-HI	-44.67600	11,887 m			
VANEP	UZ14	-20.93780	39,000 ft	19	-	
FIX	AWY-HI	-44.48070	11,887 m			
GENED	UZ14	-20.58000	39,000 ft	26	-	
FIX	AWY-HI	-44.21070	11,887 m			
GAXUB	UZ14	-20.48870	39,000 ft	6	-	
FIX	AWY-HI	-44.14200	11,887 m			
SILUB	UZ14	-20.36730	39,000 ft	8	-	
FIX	AWY-HI	-44.05120	11,887 m			
EDMOG	UZ14	-19.87570	39,000 ft	36	-	
FIX	AWY-HI	-43.68480	11,887 m			
BUSUP	UZ14	-19.61820	39,000 ft	18	-	
FIX	AWY-HI	-43.49380	11,887 m			
KOKSU	UZ14	-19.37730	39,000 ft	17	-	
FIX	AWY-HI	-43.31620	11,887 m			
ANBEK	UZ14	-18.84050	39,000 ft	38	-	
FIX	AWY-HI	-42.93650	11,887 m			
MUMEN	UZ14	-18.58900	39,000 ft	18	-	
FIX	AWY-HI	-42.75900	11,887 m			
ERISA	UZ14	-18.06530	39,000 ft	37	-	
FIX	AWY-HI	-42.40950	11,887 m			
VUTNO	UZ14	-17.01370	39,000 ft	74	-	
FIX	AWY-HI	-41.71500	11,887 m			
LIBRA	UZ14	-16.51560	39,000 ft	36	-	
FIX	AWY-HI	-41.36370	11,887 m			
PUPVU	UZ14	-14.42870	39,000 ft	150	-	
FIX	AWY-HI	-39.93380	11,887 m			
OBDUD	UZ14	-13.58700	39,000 ft	61	-	
FIX	AWY-HI	-39.34580	11,887 m			
ELEFA	UZ14	-13.15350	39,000 ft	29	-	
FIX	AWY-HI	-39.10870	11,887 m			
NUXIL	UZ14	-12.81750	39,000 ft	22	-	
FIX	AWY-HI	-38.92200	11,887 m			
KODSA	UZ14	-12.70520	39,000 ft	7	-	
FIX	AWY-HI	-38.86370	11,887 m			
KOGBU	UZ14	-12.53970	39,000 ft	11	-	
FIX	AWY-HI	-38.77350	11,887 m			
BORBA	UZ14	-12.35620	39,000 ft	12	-	
FIX	AWY-HI	-38.67370	11,887 m			
ADOLF	UZ14	-11.76000	39,000 ft	40	-	
FIX	AWY-HI	-38.35050	11,887 m			
TOMAS	UZ14	-11.33880	39,000 ft	28	-	
FIX	AWY-HI	-38.12300	11,887 m			
BUTED	UZ14	-10.63720	39,000 ft	47	-	
FIX	AWY-HI	-37.74500	11,887 m			
AVILA	UZ14	-9.51667	39,000 ft	76	-	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-37.14770	11,887 m		
IMBOS	UZ14	-8.07517	39,000 ft	97	-
FIX	AWY-HI	-36.38420	11,887 m		
EVPAB	UZ14	-7.93167	39,000 ft	9	-
FIX	AWY-HI	-36.30850	11,887 m		
VACAR	UZ14	-7.66533	39,000 ft	18	-
FIX	AWY-HI	-36.16870	11,887 m		
OPNED	UZ14	-7.22833	39,000 ft	29	-
FIX	AWY-HI	-35.93900	11,887 m		
SEVIL	UZ14	-7.04067	39,000 ft	12	-
FIX	AWY-HI	-35.84070	11,887 m		
RODES	UZ14	-6.50200	39,000 ft	36	-
FIX	AWY-HI	-35.55870	11,887 m		
NTL	UZ14	-5.90833	39,000 ft	40	NATAL
VOR	AWY-HI	-35.24870	11,887 m		
IBAGA	UN873	-5.31783	39,000 ft	40	-
FIX	AWY-HI	-34.93280	11,887 m		
FEMUR	UN873	-3.63400	39,000 ft	114	-
FIX	AWY-HI	-34.03620	11,887 m		
VUNOK	UN873	-2.63800	39,000 ft	67	-
FIX	AWY-HI	-33.50880	11,887 m		
INTOL	UN873	-1.36083	39,000 ft	86	-
FIX	AWY-HI	-32.83150	11,887 m		
SALPU	UN873	0.44317	39,000 ft	122	-
FIX	AWY-HI	-31.87730	11,887 m		
ORARO	UN873	2.24717	39,000 ft	122	-
FIX	AWY-HI	-30.92280	11,887 m		
TASIL	UN873	4.00500	39,000 ft	119	-
FIX	AWY-HI	-29.99000	11,887 m		
ASEBA	UN873	7.31111	39,000 ft	225	-
FIX	AWY-HI	-28.21890	11,887 m		
SAGMA	UN873	8.94167	39,000 ft	111	-
FIX	AWY-HI	-27.33500	11,887 m		
POMAT	UN873	13.87670	39,000 ft	337	-
FIX	AWY-HI	-24.59670	11,887 m		
CVS	UN873	16.73670	39,000 ft	196	SAL
VOR	AWY-HI	-22.95080	11,887 m		
IPERA	UN873	20.36500	39,000 ft	252	-
FIX	AWY-HI	-20.70000	11,887 m		
ISOKA	UN873	22.08140	39,000 ft	120	-
FIX	AWY-HI	-19.59000	11,887 m		
LIMAL	UN873	25.00000	39,000 ft	205	-
FIX	AWY-HI	-17.62560	11,887 m		
UDATI	UN873	26.19780	39,000 ft	85	-
FIX	AWY-HI	-16.78640	11,887 m		
ODEGI	UN873	26.89460	39,000 ft	49	-
FIX	AWY-HI	-16.29010	11,887 m		
LOMAS	UN873	27.72040	39,000 ft	59	-
FIX	AWY-HI	-15.69110	11,887 m		
GDV	UN873	28.07710	39,000 ft	25	GRAN CANARIA
VOR	AWY-HI	-15.42900	11,887 m		
VASTO	UN858	30.50940	39,000 ft	175	-
FIX	AWY-HI	-13.57280	11,887 m		
SULAM	UN858	30.91580	39,000 ft	29	-
FIX	AWY-HI	-13.24830	11,887 m		
DIMSA	UN858	31.97190	39,000 ft	76	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-12.39890	11,887 m		
IBLIV	UN858	33.17390	39,000 ft	87	-
FIX	AWY-HI	-11.40610	11,887 m		
SUNID	UN858	34.61970	39,000 ft	106	-
FIX	AWY-HI	-10.15670	11,887 m		
AKUDA	UN858	35.96670	39,000 ft	100	-
FIX	AWY-HI	-8.95000	11,887 m		
OBOLO	UN858	36.53140	39,000 ft	52	-
FIX	AWY-HI	-8.13250	11,887 m		
PESAS	UN858	37.03670	39,000 ft	47	-
FIX	AWY-HI	-7.38333	11,887 m		
EKRIS	UQ262	39.00000	39,000 ft	140	-
FIX	AWY-HI	-5.78142	11,887 m		
LUSEM	UQ262	43.37470	39,000 ft	318	-
FIX	AWY-HI	-1.78056	11,887 m		
URUNA	-	43.35500	39,000 ft	2	-
FIX	-	-1.74028	11,887 m		
BTZ	UP181	43.46660	39,000 ft	12	BIARRITZ PAYS BASQUE
VOR	AWY-HI	-1.51028	11,887 m		
MAGEC	UP181	43.74830	39,000 ft	21	-
FIX	AWY-HI	-1.19583	11,887 m		
ENSAC	UP181	44.20000	39,000 ft	34	-
FIX	AWY-HI	-0.69028	11,887 m		
SAU	UN10	44.67680	39,000 ft	36	SAUVETERRE DE GUYENNE
VOR	AWY-HI	-0.15292	11,887 m		
VELIN	UN10	44.98000	39,000 ft	22	-
FIX	AWY-HI	0.15556	11,887 m		
LMG	UN10	45.81590	39,000 ft	62	LIMOGES
VOR	AWY-HI	1.02558	11,887 m		
GUERE	G21	46.19000	39,000 ft	49	-
FIX	AWY-LO	2.08944	11,887 m		
LARON	UM129	46.22750	39,000 ft	5	-
FIX	AWY-HI	2.19833	11,887 m		
KUKOR	UM129	46.54190	39,000 ft	42	-
FIX	AWY-HI	3.12917	11,887 m		
MENOX	G21	46.57190	39,000 ft	4	-
FIX	AWY-LO	3.22000	11,887 m		
MOU	G21	46.70680	39,000 ft	18	MOULINS
VOR	AWY-LO	3.63167	11,887 m		
CACHI	G21	47.06670	39,000 ft	29	-
FIX	AWY-LO	4.10667	11,887 m		
KASON	G21	47.55830	39,000 ft	40	-
FIX	AWY-LO	4.77000	11,887 m		
RLP	G21	47.90630	39,000 ft	28	ROLAMPONT
VOR	AWY-LO	5.24917	11,887 m		
EPL	G21	48.31780	32,100 ft	40	EPINAL MIRECOURT
VOR	AWY-LO	6.05942	9,784 m		
GIVOR	UL47	48.65860	26,600 ft	24	-
FIX	AWY-HI	6.39139	8,108 m		
GTQ	UL47	48.98640	21,300 ft	23	GROSTENQUIN
VOR	AWY-HI	6.71622	6,492 m		
EDDF	-	50.03260	0 ft	94	Frankfurt
APT	-	8.54067	0 m		

SBGR

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 2,461 ft / 750 m
Location: -23.432300 -46.469500
Magnetic Var: 22.212 W

METAR

SBGR 170000Z 33003KT CAVOK 24/17 Q1018

TAF

TAF SBGR 162200Z 1700/1806 07005KT CAVOK TN18/1708Z TX30/1717Z BECMG 1710/1712 35005KT BECMG 1713/1716 33012KT BE

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	95.81		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

EDDF

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

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.176 E

METAR

EDDF 170020Z AUTO 01008KT CAVOK 16/12 Q1003 NOSIG

TAF

TAF EDDF 162300Z 1700/1806 03007KT 9999 SCT020 BECMG 1700/1702 BKN020 TEMPO 1702/1713 RA BKN012 PROB30 TEMPO 1703/1706

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	66.39		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.43		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.41		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	176.46		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.46		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	66.41		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.40		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.43		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.41		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.43		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.40		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.41		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.40		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.43		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.41		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.43		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.40		362 m