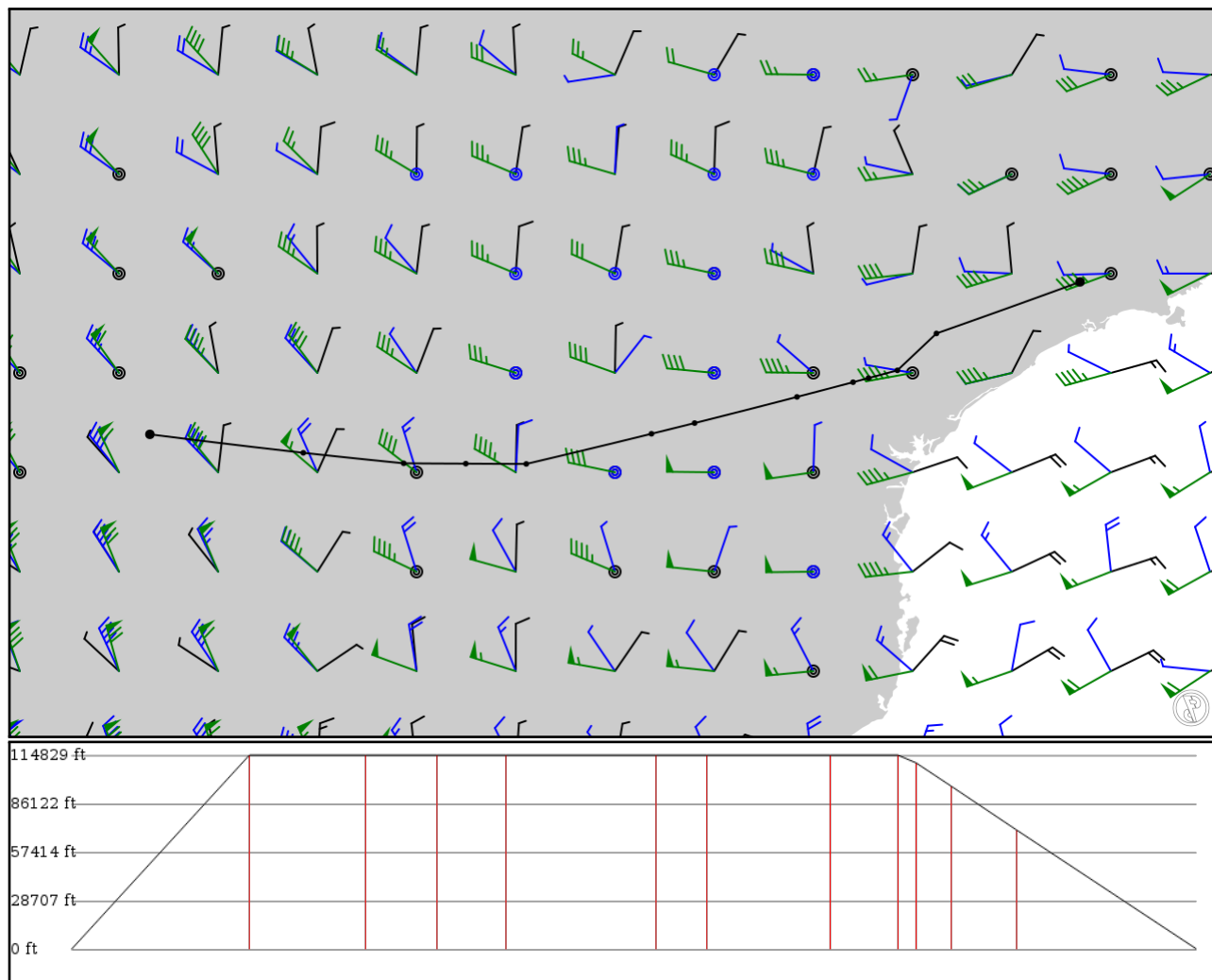


2024/05/12 1516Z

SGAS ESDIM **UM548** VUGLA **UZ28** EPDIG **UZ25** GEVRI SBGR

629.94 nm / 1166.65 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
SGAS	-	-25.23990	0 ft	-	Silvio Pettirossi Intl
APT	-	-57.51910	0 m	-	
ESDIM	-	-25.45880	35,000 ft	99	-
FIX	-	-55.69670	10,668 m	-	
FOZ	UM548	-25.58320	35,000 ft	65	FOZ (FOZ DO IGUACU)
VOR	AWY-HI	-54.50350	10,668 m	-	
KAMIL	UM548	-25.58730	35,000 ft	39	-
FIX	AWY-HI	-53.76620	10,668 m	-	
VUGLA	UM548	-25.59060	35,000 ft	38	-
FIX	AWY-HI	-53.04800	10,668 m	-	
OGREV	UZ28	-25.23320	35,000 ft	83	-
FIX	AWY-HI	-51.56080	10,668 m	-	
ALGOM	UZ28	-25.10600	35,000 ft	28	-
FIX	AWY-HI	-51.04830	10,668 m	-	
BOLIP	UZ28	-24.79600	35,000 ft	68	-
FIX	AWY-HI	-49.83220	10,668 m	-	
KOLDU	UZ28	-24.62130	35,000 ft	37	-
FIX	AWY-HI	-49.16580	10,668 m	-	
ESGIM	UZ28	-24.57280	33,600 ft	10	-
FIX	AWY-HI	-48.98320	10,241 m	-	
EPDIG	UZ28	-24.48100	29,400 ft	19	-
FIX	AWY-HI	-48.63980	8,961 m	-	
GEVRI	UZ25	-24.04320	21,500 ft	36	-
FIX	AWY-HI	-48.17550	6,553 m	-	
SBGR	-	-23.43230	0 ft	100	Guarulhos-Andre Franco Montoro Intl
APT	-	-46.46950	0 m	-	

## SGAS

Region: PARAGUAY  
Timezone: AMERICA/ASUNCION  
Runways: 1

Elevation: 290 ft / 88 m  
Location: -25.239900 -57.519100  
Magnetic Var: 15.357 W

## METAR

SGAS 121500Z 30004KT 6000 OVC003 19/19 Q1012

## TAF

TAF TAF SGAS 121030Z 1212/1312 27005KT 4000 DZ BKN005 BKN015 TX22/1218Z TN14/1309Z BECMG 1213/1217 24007KT 6000 S

## Frequencies

REC - 127.60 MHz - ATIS  
TWR - 118.10 MHz - SILVIO PETTIROSSI TOWER  
APP - 120.00 MHz - ASUNCION APPROACH  
GND - 121.90 MHz - SILVIO PETTIROSSI GROUND  
APP - 119.70 MHz - ASUNCION APPROACH  
COM - 122.80 MHz - UNICOM

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	148 ft	11,034 ft	12.39	ASPHALT	0 ft	167 ft
	45 m	3,363 m	27.75		0 m	51 m
20	148 ft	11,034 ft	192.39	ASPHALT	0 ft	167 ft
	45 m	3,363 m	207.74		0 m	51 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
20	LOC-ILS	IPST	109.50 MHz	18 nm	192.47	-	288 ft
				33 km	207.83		288 m
20	GS	IPST	109.50 MHz	10 nm	192.81	3.00	298 ft
				19 km	208.16		298 m

## SBGR

Region: BRAZIL  
Timezone: AMERICA/SAO\_PAULO  
Runways: 2

Elevation: 2,461 ft / 750 m  
Location: -23.432300 -46.469500  
Magnetic Var: 22.210 W

## METAR

SBGR 121500Z 29013KT 9999 SCT048 28/14 Q1016

## TAF

TAF SBGR 120900Z 1212/1318 08005KT CAVOK TX30/1217Z TN17/1308Z BECMG 1213/1216 33012KT FEW040 PROB30 1219/1222 18

## 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