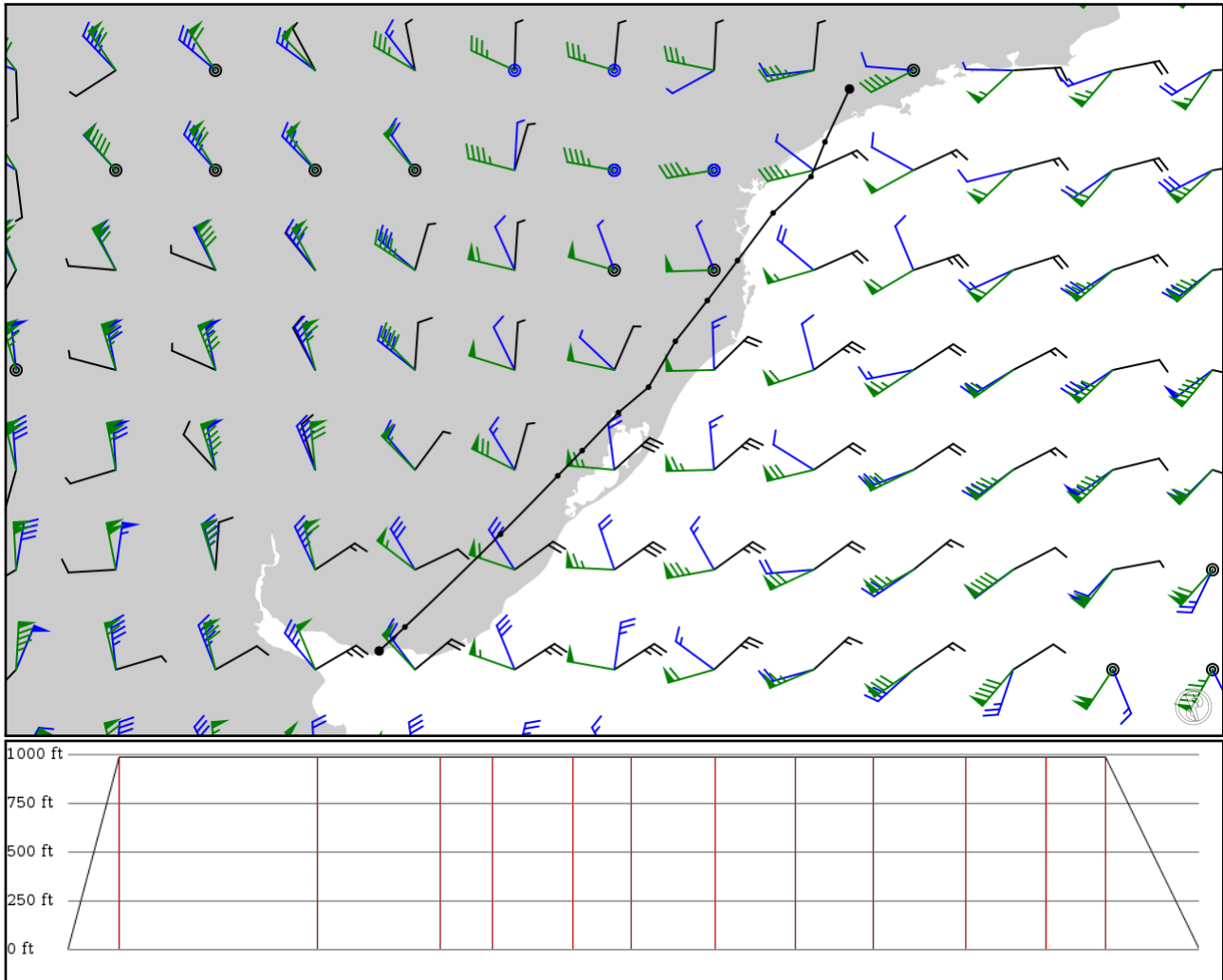


2024/05/10 1148Z

SUMU MOLBI **UM540** OSAMU **UM671** RONUT **UZ23** NEGUS SBGR

852.99 nm / 1579.74 km



Notes

Basic altitude profile:

- Ascent Rate: 1800ft/min
- Ascent Speed: 240kts
- Cruise Altitude: 350ft
- Cruise Speed: 435kts
- Descent Rate: 1800ft/min
- Descent Speed: 230kts

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
SUMU APT	-	-34.83360 -56.02840	0 ft 0 m	-	Carrasco/Cesareo L. Berisso Int'l
MOLBI FIX	-	-34.34720 -55.50500	300 ft 91 m	39	-
AKPOD FIX	UM540 AWY-HI	-32.46580 -53.56130	300 ft 91 m	149	-
AROMA FIX	UM540 AWY-HI	-31.28130 -52.39920	300 ft 91 m	92	-
CALVE FIX	UM540 AWY-HI	-30.76870 -51.90170	300 ft 91 m	40	-
NELOX FIX	UM540 AWY-HI	-29.99600 -51.16520	300 ft 91 m	60	-
JUICE FIX	UM540 AWY-HI	-29.48120 -50.55330	300 ft 91 m	44	-
NANDU FIX	UM540 AWY-HI	-28.55020 -50.00870	300 ft 91 m	62	-
BITOV FIX	UM540 AWY-HI	-27.72310 -49.35890	300 ft 91 m	60	-
PONCA FIX	UM540 AWY-HI	-26.91230 -48.74500	300 ft 91 m	58	-
OSAMU FIX	UM540 AWY-HI	-25.94680 -48.02130	300 ft 91 m	69	-
RONUT FIX	UM671 AWY-HI	-25.20950 -47.25100	300 ft 91 m	60	-
NEGUS FIX	UZ23 AWY-HI	-24.50590 -46.96850	300 ft 91 m	44	-
SBGR APT	-	-23.43230 -46.46950	0 ft 0 m	70	Guarulhos Airport

SUMU

Region: URUGUAY
Timezone: AMERICA/MONTEVIDEO
Runways: 2

Elevation: 104 ft / 32 m
Location: -34.833600 -56.028400
Magnetic Var: 11.871 W

METAR

SUMU 101100Z 00000KT CAVOK 07/06 Q1018 NOSIG

TAF

TAF SUMU 100530Z 1006/1106 02005KT CAVOK TX16/1018Z TN05/1010Z PROB40 TEMPO 1006/1011 00000KT 3000 BR NSC BECMG 1

Frequencies

TWR - 118.10 MHz - CARRASCO TOWER
APP - 119.20 MHz - CARRASCO APPROACH
COM - 122.80 MHz - UNICOM

TWR - 121.80 MHz - CARRASCO TOWER
APP - 120.20 MHz - CARRASCO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	148 ft	10,493 ft	53.43	ASPHALT	1,148 ft	194 ft
	45 m	3,198 m	65.31		350 m	59 m
24	148 ft	10,493 ft	233.42	ASPHALT	489 ft	194 ft
	45 m	3,198 m	245.29		149 m	59 m
01	148 ft	7,397 ft	359.40	ASPHALT	0 ft	194 ft
	45 m	2,255 m	11.27		0 m	59 m
19	148 ft	7,397 ft	179.40	ASPHALT	0 ft	197 ft
	45 m	2,255 m	191.27		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19	DME	IMVD	111.10 MHz	18 nm	-	-	66 ft
				33 km	-		66 m
19	LOC-ILS	IMVD	111.10 MHz	18 nm	179.40	-	104 ft
				33 km	191.27		104 m
24	LOC-ILS	ICAR	109.90 MHz	18 nm	233.42	-	104 ft
				33 km	245.29		104 m
19	GS	IMVD	111.10 MHz	10 nm	179.40	3.00	104 ft
				19 km	191.27		104 m
24	GS	ICAR	109.90 MHz	10 nm	233.42	3.00	104 ft
				19 km	245.29		104 m

SBGR

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 2,461 ft / 750 m
Location: -23.432300 -46.469500
Magnetic Var: 22.209 W

METAR

SBGR 101100Z 05006KT 9999 FEW011 21/19 Q1021

TAF

TAF SBGR 100430Z 1006/1112 08005KT 8000 SCT010 TN19/1009Z TX29/1017Z PROB30 1009/1012 5000 BR BECMG 1013/1015 3500

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