

# SBGR

Guarulhos-Andre Franco Montoro Intl

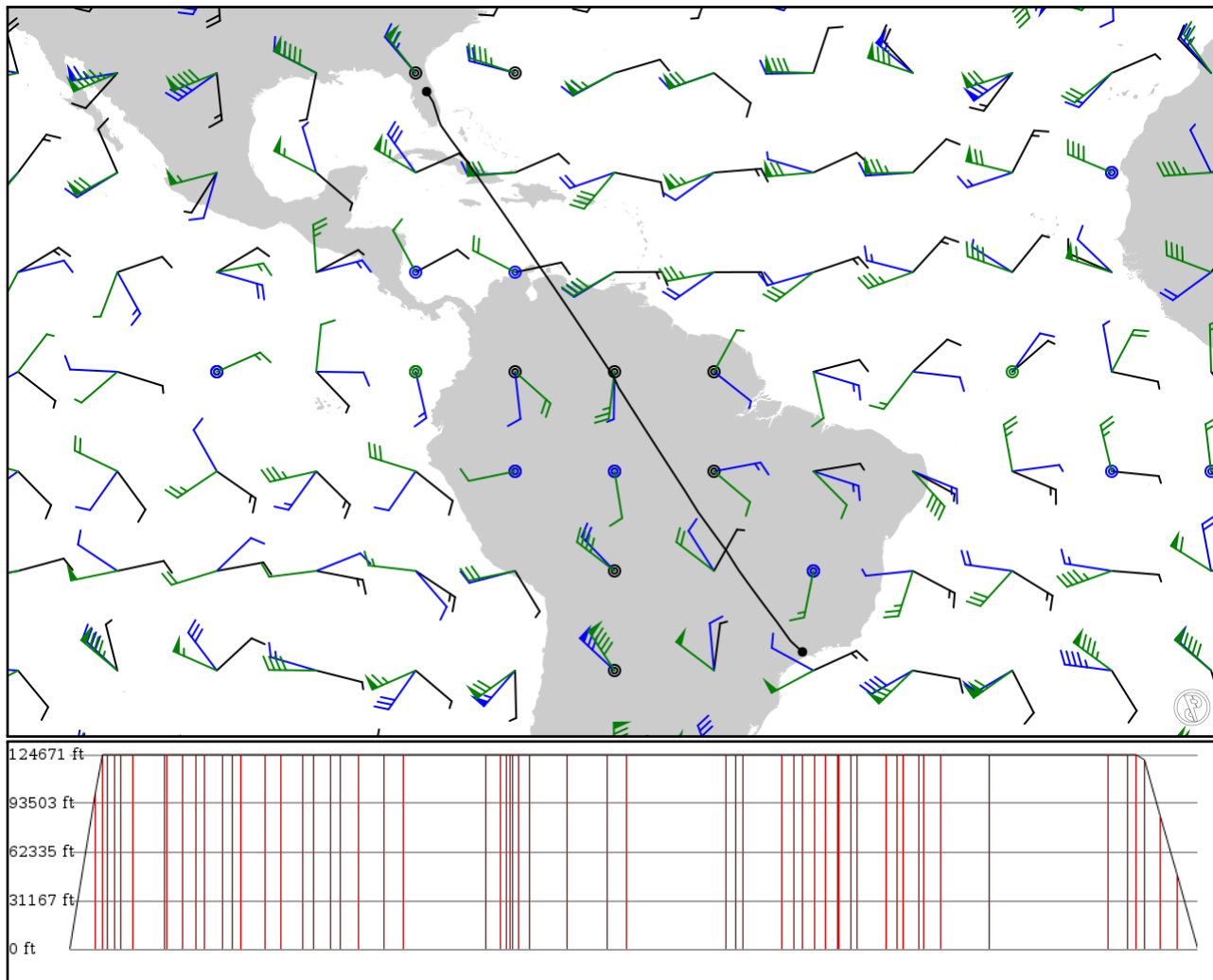
# KMCO

Orlando Intl

2024/05/07 0716Z

SBGR RCL **UM417** OBGAT **UZ21** VUMPI **UL795** URSUS **A509** EONNS **G430** VKZ **J113** LLNCH KMCO

3721.19 nm / 6891.64 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- 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 Type		Via	Lat Lon	Alt	Dist (nm)	Name
SBGR	-	-23.43230	0 ft	-		Guarulhos-Andre Franco Montoro Intl
APT	-	-46.46950	0 m			
RCL	-	-22.43020	30,400 ft	85		RIO CLARO
NDB	-	-47.56250	9,266 m			
LONAL	UM417	-22.07620	38,000 ft	25	-	
FIX	AWY-HI	-47.82050	11,582 m			
PUKTO	UM417	-21.84670	38,000 ft	16	-	
FIX	AWY-HI	-47.98680	11,582 m			
REPAX	UM417	-21.51630	38,000 ft	23	-	
FIX	AWY-HI	-48.22550	11,582 m			
OB DAM	UM417	-21.23770	38,000 ft	20	-	
FIX	AWY-HI	-48.42550	11,582 m			
ASTOB	UM417	-20.68000	38,000 ft	40	-	
FIX	AWY-HI	-48.82320	11,582 m			
KUGPO	UM417	-19.31930	38,000 ft	100	-	
FIX	AWY-HI	-49.85620	11,582 m			
NEKAM	UM417	-19.17170	38,000 ft	10	-	
FIX	AWY-HI	-49.96700	11,582 m			
ANDIV	UM417	-18.47570	38,000 ft	51	-	
FIX	AWY-HI	-50.48580	11,582 m			
ILTID	UM417	-17.87380	38,000 ft	44	-	
FIX	AWY-HI	-50.93000	11,582 m			
RORIT	UM417	-17.52100	38,000 ft	25	-	
FIX	AWY-HI	-51.18870	11,582 m			
RELUM	UM417	-16.69430	38,000 ft	60	-	
FIX	AWY-HI	-51.79030	11,582 m			
MOTVI	UM417	-16.25720	38,000 ft	31	-	
FIX	AWY-HI	-52.10580	11,582 m			
BAG	UM417	-15.85350	38,000 ft	29		GARCAS
VOR	AWY-HI	-52.39560	11,582 m			
SAMAR	UM417	-14.71300	38,000 ft	80	-	
FIX	AWY-HI	-53.11950	11,582 m			
POPTI	UM417	-13.99380	38,000 ft	50	-	
FIX	AWY-HI	-53.57120	11,582 m			
OPVEX	UM417	-12.97850	38,000 ft	75	-	
FIX	AWY-HI	-54.32030	11,582 m			
TONOR	UM417	-12.51680	38,000 ft	34	-	
FIX	AWY-HI	-54.65830	11,582 m			
OBGAT	UM417	-11.75070	38,000 ft	56	-	
FIX	AWY-HI	-55.21600	11,582 m			
PUKUT	UZ21	-11.32300	38,000 ft	31	-	
FIX	AWY-HI	-55.53090	11,582 m			
DARBA	UZ21	-10.49330	38,000 ft	61	-	
FIX	AWY-HI	-56.13400	11,582 m			
SOTBI	UZ21	-9.29817	38,000 ft	84	-	
FIX	AWY-HI	-56.88270	11,582 m			
PUMTU	UZ21	-8.42817	38,000 ft	61	-	
FIX	AWY-HI	-57.42380	11,582 m			
ISIPA	UZ21	-4.60852	38,000 ft	273	-	
FIX	AWY-HI	-59.90710	11,582 m			
SUSNO	UZ21	-3.94308	38,000 ft	47	-	
FIX	AWY-HI	-60.33550	11,582 m			
AKVIT	UZ21	-3.64587	38,000 ft	21	-	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-60.52680	11,582 m		
PAMUX	UZ21	-3.48749	38,000 ft	11	-
FIX	AWY-HI	-60.62850	11,582 m		
VUVPA	UZ21	-3.36021	38,000 ft	9	-
FIX	AWY-HI	-60.71020	11,582 m		
SASNI	UZ21	-3.09533	38,000 ft	18	-
FIX	AWY-HI	-60.88000	11,582 m		
SINUN	UZ21	-2.58367	38,000 ft	36	-
FIX	AWY-HI	-61.20870	11,582 m		
LIVAP	UZ21	-0.86283	38,000 ft	122	-
FIX	AWY-HI	-62.31020	11,582 m		
ARVIX	UZ21	1.03550	38,000 ft	135	-
FIX	AWY-HI	-63.51550	11,582 m		
VUMPI	UZ21	1.99000	38,000 ft	62	-
FIX	AWY-HI	-63.94830	11,582 m		
LOGON	UL795	6.55611	38,000 ft	328	-
FIX	AWY-HI	-66.97170	11,582 m		
ITADI	UL795	6.97722	38,000 ft	30	-
FIX	AWY-HI	-67.25250	11,582 m		
EKUNA	UL795	7.31750	38,000 ft	24	-
FIX	AWY-HI	-67.48000	11,582 m		
SUBMA	UL795	9.06278	38,000 ft	125	-
FIX	AWY-HI	-68.65610	11,582 m		
TOMAX	UL795	9.64083	38,000 ft	41	-
FIX	AWY-HI	-69.04860	11,582 m		
DANVO	UL795	10.05470	38,000 ft	29	-
FIX	AWY-HI	-69.33060	11,582 m		
ATIGA	UL795	10.60280	38,000 ft	39	-
FIX	AWY-HI	-69.70530	11,582 m		
DOLPO	UL795	11.06080	38,000 ft	33	-
FIX	AWY-HI	-70.01970	11,582 m		
LOKUR	UL795	11.60800	38,000 ft	39	-
FIX	AWY-HI	-70.39680	11,582 m		
OPTAS	UL795	11.67530	38,000 ft	4	-
FIX	AWY-HI	-70.44360	11,582 m		
MAGTA	UL795	12.22640	38,000 ft	40	-
FIX	AWY-HI	-70.82610	11,582 m		
ESIPO	UL795	12.49810	38,000 ft	19	-
FIX	AWY-HI	-71.01530	11,582 m		
SENSO	UL795	13.87850	38,000 ft	99	-
FIX	AWY-HI	-71.94110	11,582 m		
BIBIP	UL795	14.32980	38,000 ft	32	-
FIX	AWY-HI	-72.24660	11,582 m		
ONDER	UL795	14.62000	38,000 ft	20	-
FIX	AWY-HI	-72.44330	11,582 m		
PUTAR	UL795	15.35000	38,000 ft	52	-
FIX	AWY-HI	-72.94330	11,582 m		
MAXIN	UL795	15.55330	38,000 ft	14	-
FIX	AWY-HI	-73.08330	11,582 m		
DIBOK	UL795	16.36170	38,000 ft	58	-
FIX	AWY-HI	-73.64170	11,582 m		
GELOG	UL795	18.56170	38,000 ft	158	-
FIX	AWY-HI	-75.17830	11,582 m		
URSUS	UL795	24.00010	38,000 ft	392	-
FIX	AWY-HI	-79.06980	11,582 m		
ELLEE	A509	24.88060	38,000 ft	62	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-79.69000	11,582 m		
EONNS	A509	25.29670	38,000 ft	29	-
FIX	AWY-HI	-79.98680	11,582 m		
VKZ	G430	25.75190	37,000 ft	28	VIRGINIA KEY
VOR	AWY-HI	-80.15440	11,278 m		
ARKES	J113	26.57710	26,000 ft	51	-
FIX	AWY-HI	-80.41770	7,925 m		
LLNCH	J113	27.43550	14,500 ft	53	-
FIX	AWY-HI	-80.69570	4,420 m		
KMCO	-	28.42920	0 ft	67	Orlando Intl
APT	-	-81.30680	0 m		

## SBGR

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

Elevation: 2,461 ft / 750 m  
Location: -23.432300 -46.469500  
Magnetic Var: 22.208 W

## METAR

SBGR 070700Z 09007KT CAVOK 19/16 Q1017

## TAF

TAF SBGR 070430Z 0706/0812 08005KT CAVOK TN18/0709Z TX32/0718Z BECMG 0714/0716 33005KT BECMG 0721/0723 08005KT RM

## 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

## KMCO

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 96 ft / 29 m  
Location: 28.429200 -81.306800  
Magnetic Var: 6.994 W

## METAR

KMCO 070653Z 15005KT 10SM FEW085 22/20 A2997 RMK AO2 SLP146 T02170200

## TAF

KMCO 070539Z 0706/0812 17004KT P6SM FEW050 FM071400 18007KT P6SM FEW040 FEW250 FM072100 13009KT P6SM VCSH SCT080

## Frequencies

REC - 120.52 MHz - D-ATIS	REC - 121.25 MHz - D-ATIS
CLD - 134.70 MHz - CLEARANCE DELIVERY	COM - 122.95 MHz - UNICOM
GND - 126.40 MHz - ORLANDO GROUND	GND - 121.80 MHz - ORLANDO GROUND
TWR - 124.30 MHz - ORLANDO TOWER	TWR - 118.45 MHz - ORLANDO TOWER
APP - 119.40 MHz - ORLANDO APPROACH	APP - 120.15 MHz - ORLANDO APPROACH
APP - 124.80 MHz - ORLANDO APPROACH	APP - 135.30 MHz - ORLANDO APPROACH
APP - 123.85 MHz - ORLANDO APPROACH	APP - 134.05 MHz - ORLANDO APPROACH
DEP - 119.40 MHz - ORLANDO DEPARTURE	DEP - 120.15 MHz - ORLANDO DEPARTURE
DEP - 124.80 MHz - ORLANDO DEPARTURE	DEP - 135.30 MHz - ORLANDO DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	151 ft	10,036 ft	179.47	CONCRETE	0 ft	404 ft
	46 m	3,059 m	186.46		0 m	123 m
35L	151 ft	10,036 ft	359.47	CONCRETE	0 ft	400 ft
	46 m	3,059 m	6.46		0 m	122 m
17L	151 ft	9,028 ft	179.48	CONCRETE	0 ft	400 ft
	46 m	2,752 m	186.47		0 m	122 m
35R	151 ft	9,028 ft	359.48	CONCRETE	0 ft	404 ft
	46 m	2,752 m	6.47		0 m	123 m
18L	200 ft	12,049 ft	179.46	CONCRETE	0 ft	400 ft
	61 m	3,673 m	186.45		0 m	122 m
36R	200 ft	12,049 ft	359.46	CONCRETE	0 ft	407 ft
	61 m	3,673 m	6.45		0 m	124 m
18R	200 ft	12,049 ft	179.45	ASPHALT	0 ft	909 ft
	61 m	3,673 m	186.45		0 m	277 m
36L	200 ft	12,049 ft	359.45	ASPHALT	0 ft	702 ft
	61 m	3,673 m	6.45		0 m	214 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IARK	110.95 MHz	18 nm	-	-	86 ft
				33 km	-		86 m
17R	DME	IDIZ	111.75 MHz	18 nm	-	-	86 ft
				33 km	-		86 m
18R	DME	ITFE	111.90 MHz	18 nm	-	-	86 ft
				33 km	-		86 m
35L	DME	IDDO	110.50 MHz	18 nm	-	-	100 ft
				33 km	-		100 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35R	DME	ICER	111.15 MHz	18 nm	-	-	90 ft
				33 km	-		90 m
36R	DME	IOJP	110.70 MHz	18 nm	-	-	91 ft
				33 km	-		91 m
17L	LOC-ILS	IARK	110.95 MHz	18 nm	179.46	-	96 ft
				33 km	186.45		96 m
17R	LOC-ILS	IDIZ	111.75 MHz	18 nm	179.51	-	96 ft
				33 km	186.50		96 m
18R	LOC-ILS	ITFE	111.90 MHz	18 nm	179.50	-	96 ft
				33 km	186.49		96 m
35L	LOC-ILS	IDDO	110.50 MHz	18 nm	359.51	-	96 ft
				33 km	6.50		96 m
35R	LOC-ILS	ICER	111.15 MHz	18 nm	359.46	-	96 ft
				33 km	6.45		96 m
36R	LOC-ILS	IOJP	110.70 MHz	18 nm	359.50	-	96 ft
				33 km	6.49		96 m
17L	GS	IARK	110.95 MHz	10 nm	179.46	3.00	96 ft
				19 km	186.45		96 m
17R	GS	IDIZ	111.75 MHz	10 nm	179.51	3.00	96 ft
				19 km	186.50		96 m
18R	GS	ITFE	111.90 MHz	10 nm	179.50	3.00	96 ft
				19 km	186.49		96 m
35L	GS	IDDO	110.50 MHz	10 nm	359.51	3.00	96 ft
				19 km	6.50		96 m
35R	GS	ICER	111.15 MHz	10 nm	359.46	3.00	96 ft
				19 km	6.45		96 m
36R	GS	IOJP	110.70 MHz	10 nm	359.50	3.00	96 ft
				19 km	6.49		96 m