SBGR
Sao Paulo - Guarulhos

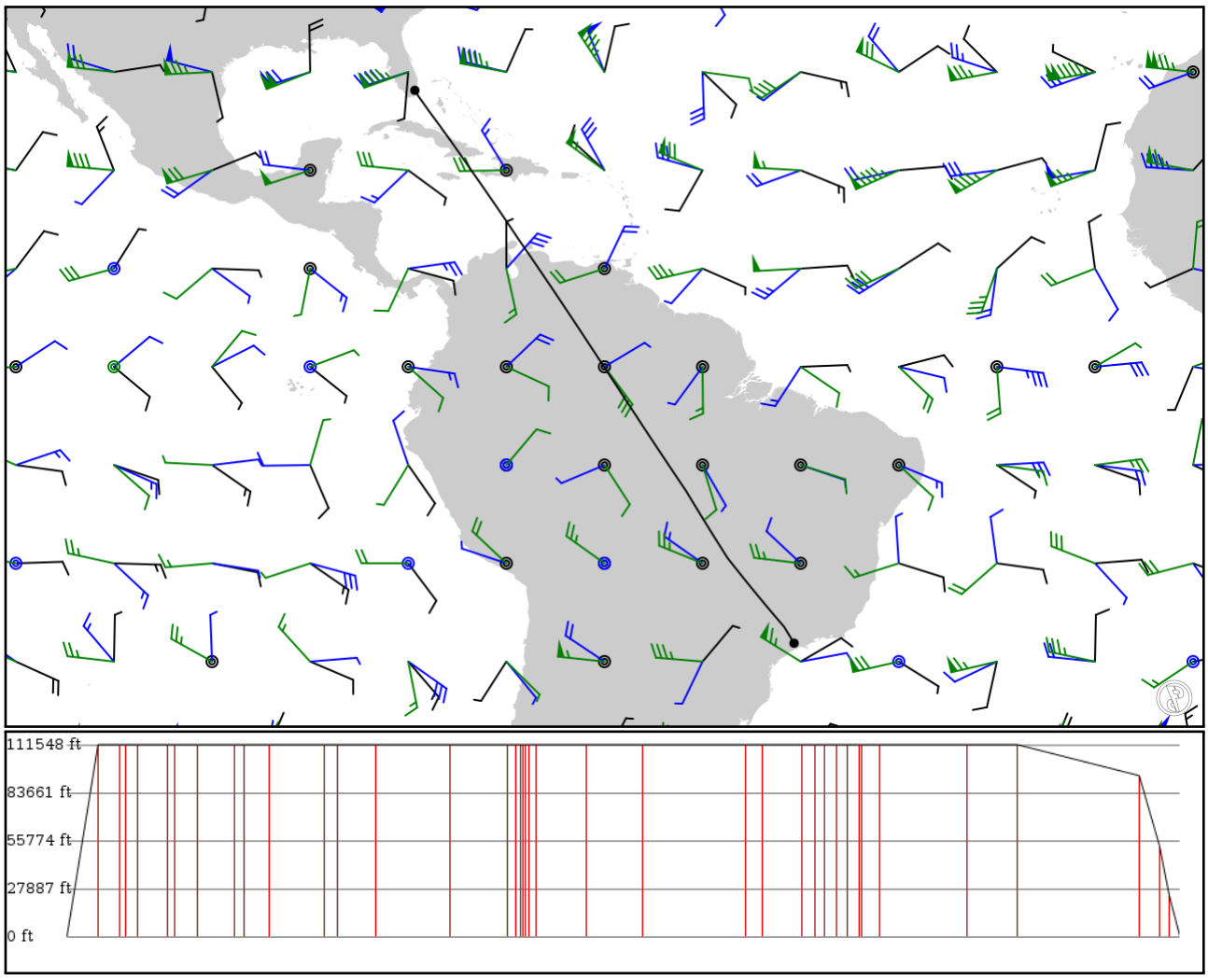
-

KMIA
Miami Intl

2024/03/28 0922Z

SBGR PSN **UL795** URSUS **A509** EONNS KMIA

3553.10 nm / 6580.35 km



Notes

Basic altitude profile:
- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 380ft
- 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
SBGR APT	–	-23.43233 -46.46968	0 ft 0 m	–	Sao Paulo - Guarulhos
PSN VOR	–	-21.98450 -47.34417	34,000 ft 10,363 m	99	PIRASSUNUNGA VOR-DME
RUTLE FIX	UL795 AWY-HI	-21.07683 -48.12433	34,000 ft 10,363 m	69	–
QUILT FIX	UL795 AWY-HI	-20.80667 -48.35417	34,000 ft 10,363 m	20	–
PASTE FIX	UL795 AWY-HI	-20.32375 -48.76217	34,000 ft 10,363 m	36	–
PEQUI FIX	UL795 AWY-HI	-19.04783 -49.82450	34,000 ft 10,363 m	97	–
OBLIG FIX	UL795 AWY-HI	-18.75192 -50.06758	34,000 ft 10,363 m	22	–
NEFAR FIX	UL795 AWY-HI	-17.80717 -50.83717	34,000 ft 10,363 m	71	–
NILON FIX	UL795 AWY-HI	-16.26167 -52.07333	34,000 ft 10,363 m	116	–
BAG VOR	UL795 AWY-HI	-15.85350 -52.39567	34,000 ft 10,363 m	30	GARCAS VOR-DME
SAMAR FIX	UL795 AWY-HI	-14.71300 -53.11942	34,000 ft 10,363 m	80	–
RONIL FIX	UL795 AWY-HI	-12.17800 -54.69800	34,000 ft 10,363 m	177	–
UVBIL FIX	UL795 AWY-HI	-11.61600 -55.04250	34,000 ft 10,363 m	39	–
ATF VOR	UL795 AWY-HI	-9.86836 -56.10493	34,000 ft 10,363 m	122	ALTA FLORESTA VOR-DME
UGEMU FIX	UL795 AWY-HI	-6.58950 -58.30617	34,000 ft 10,363 m	236	–
BASAL FIX	UL795 AWY-HI	-4.00500 -60.01767	34,000 ft 10,363 m	185	–
CHAMP FIX	UL795 AWY-HI	-3.62950 -60.26250	34,000 ft 10,363 m	26	–
FERAL FIX	UL795 AWY-HI	-3.43733 -60.38883	34,000 ft 10,363 m	13	–
REPIL FIX	UL795 AWY-HI	-3.33383 -60.45683	34,000 ft 10,363 m	7	–
ASUMI FIX	UL795 AWY-HI	-3.23367 -60.51100	34,000 ft 10,363 m	6	–
LUCRE FIX	UL795 AWY-HI	-3.07600 -60.62617	34,000 ft 10,363 m	11	–
BINAS FIX	UL795 AWY-HI	-2.73300 -60.85133	34,000 ft 10,363 m	24	–
TANGO FIX	UL795 AWY-HI	-0.50783 -62.30817	34,000 ft 10,363 m	159	–
VUMPI FIX	UL795 AWY-HI	1.98972 -63.94861	34,000 ft 10,363 m	179	–
LOGON FIX	UL795 AWY-HI	6.55611 -66.97167	34,000 ft 10,363 m	328	–
EKUNA FIX	UL795 AWY-HI	7.31750 -67.48000	34,000 ft 10,363 m	54	–
SUBMA	UL795	9.06278	34,000 ft	125	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-68.65611	10,363 m		
TOMAX	UL795	9.64083	34,000 ft	41	-
FIX	AWY-HI	-69.04861	10,363 m		
DANVO	UL795	10.05472	34,000 ft	29	-
FIX	AWY-HI	-69.33056	10,363 m		
ATIGA	UL795	10.60278	34,000 ft	39	-
FIX	AWY-HI	-69.70528	10,363 m		
DOLPO	UL795	11.06083	34,000 ft	33	-
FIX	AWY-HI	-70.01972	10,363 m		
LOKUR	UL795	11.60764	34,000 ft	39	-
FIX	AWY-HI	-70.39727	10,363 m		
OPTAS	UL795	11.67528	34,000 ft	4	-
FIX	AWY-HI	-70.44361	10,363 m		
ESIPO	UL795	12.49833	34,000 ft	59	-
FIX	AWY-HI	-71.01500	10,363 m		
DIBOK	UL795	16.36167	34,000 ft	277	-
FIX	AWY-HI	-73.64167	10,363 m		
GELOG	UL795	18.56167	34,000 ft	158	-
FIX	AWY-HI	-75.17833	10,363 m		
URSUS	UL795	24.00005	28,500 ft	392	-
FIX	AWY-HI	-79.06980	8,687 m		
ELLEE	A509	24.88061	16,000 ft	62	-
FIX	AWY-HI	-79.69002	4,877 m		
EONNS	A509	25.29672	7,300 ft	29	-
FIX	AWY-LO	-79.98684	2,225 m		
KMIA	-	25.79617	0 ft	34	Miami Intl
APT	-	-80.28974	0 m		

SBGR

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2
Elevation: 2,461 ft / 750 m
Location: -23.432300 -46.469500
Magnetic Var: 22.194 W

METAR

SBGR 280900Z 06002KT 6000 -RA OVC007 18/18 Q1021

TAF

TAF SBGR 280430Z 2806/2912 10005KT 8000 OVC008 TN19/2809Z TX23/2816Z PROB40 2806/2811 5000 DZ BKN006 BECMG 2811/2

Frequencies

REC - 127.75 MHz - GUARULHOS ATIS
GND - 121.70 MHz - GUARULHOS GROUND
TWR - 118.40 MHz - GUARULHOS TOWER
TWR - 135.20 MHz - GUARULHOS TOWER
APP - 119.15 MHz - SAO PAULO APPROACH
APP - 120.85 MHz - SAO PAULO APPROACH
CLD - 121.00 MHz - GUARULHOS CLEARANCE
GND - 126.90 MHz - GUARULHOS GROUND
TWR - 132.75 MHz - GUARULHOS TOWER
APP - 129.75 MHz - SAO PAULO APPROACH
APP - 120.45 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 45 m	12,131 ft 3,698 m	73.60 95.79	ASPHALT	295 ft 90 m	190 ft 58 m
27R	148 ft 45 m	12,131 ft 3,698 m	253.59 275.78	ASPHALT	200 ft 61 m	194 ft 59 m
09R	148 ft 45 m	9,832 ft 2,997 m	73.60 95.80	ASPHALT	0 ft 0 m	194 ft 59 m
27L	148 ft 45 m	9,832 ft 2,997 m	253.59 275.78	ASPHALT	0 ft 0 m	194 ft 59 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	LOC-ILS	IUC	110.70 MHz	18 nm 33 km	73.59 95.78	-	2,461 ft 2,461 m
09R	LOC-ILS	IGR	111.50 MHz	18 nm 33 km	73.60 95.79	-	2,461 ft 2,461 m
27L	LOC-ILS	IBC	111.10 MHz	18 nm 33 km	253.60 275.79	-	2,459 ft 2,459 m
27R	LOC-ILS	IGS	111.90 MHz	18 nm 33 km	253.59 275.78	-	2,459 ft 2,459 m
09L	GS	IUC	110.70 MHz	10 nm 19 km	73.59 95.78	3.00	2,461 ft 2,461 m
09R	GS	IGR	111.50 MHz	10 nm 19 km	73.60 95.79	2.92	2,461 ft 2,461 m
27L	GS	IBC	111.10 MHz	10 nm 19 km	253.60 275.79	3.00	2,459 ft 2,459 m
27R	GS	IGS	111.90 MHz	10 nm 19 km	253.59 275.78	3.00	2,458 ft 2,458 m

KMIA

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 4

Elevation: 11 ft / 3 m
Location: 25.796200 -80.289700
Magnetic Var: 7.262 W

METAR

KMIA 280853Z 17016G24KT 10SM FEW018 BKN120 OVC250 24/22 A2983 RMK AO2 SLP100 T02440217 58039 $

TAF

KMIA 280847Z 2809/2912 17009KT P6SM FEW015 SCT025 BKN250 FM281300 20011G18KT P6SM SCT025 OVC070 FM281600 25015G25

Frequencies

REC - 119.15 MHz - D-ATIS
COM - 123.00 MHz - UNICOM
GND - 121.80 MHz - MIAMI GROUND
TWR - 118.30 MHz - MIAMI TOWER
APP - 120.50 MHz - MIAMI APPROACH
APP - 125.75 MHz - MIAMI APPROACH
DEP - 125.50 MHz - MIAMI DEPARTURE

REC - 133.67 MHz - D-ATIS
CLD - 135.35 MHz - CLEARANCE DELIVERY
GND - 127.50 MHz - MIAMI GROUND
TWR - 123.90 MHz - MIAMI TOWER
APP - 124.85 MHz - MIAMI APPROACH
DEP - 119.45 MHz - MIAMI DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	151 ft 46 m	13,027 ft 3,971 m	87.37 94.63	CONCRETE	1,371 ft 418 m	384 ft 117 m
27	151 ft 46 m	13,027 ft 3,971 m	267.39 274.65	CONCRETE	276 ft 84 m	374 ft 114 m
08R	200 ft 61 m	10,515 ft 3,205 m	87.38 94.64	CONCRETE	0 ft 0 m	407 ft 124 m
26L	200 ft 61 m	10,515 ft 3,205 m	267.39 274.65	CONCRETE	0 ft 0 m	407 ft 124 m
08L	151 ft 46 m	8,607 ft 2,624 m	87.38 94.64	CONCRETE	0 ft 0 m	387 ft 118 m
26R	151 ft 46 m	8,607 ft 2,624 m	267.39 274.65	CONCRETE	0 ft 0 m	387 ft 118 m
12	151 ft 46 m	9,366 ft 2,855 m	119.61 126.87	CONCRETE	0 ft 0 m	397 ft 121 m
30	151 ft 46 m	9,366 ft 2,855 m	299.62 306.88	CONCRETE	948 ft 289 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IROY	109.30 MHz	18 nm 33 km	- -	-	8 ft 8 m
08R	DME	IMFA	110.30 MHz	18 nm 33 km	- -	-	8 ft 8 m
12	DME	IGEM	108.90 MHz	18 nm 33 km	- -	-	14 ft 14 m
26L	DME	IVIN	109.10 MHz	18 nm 33 km	- -	-	12 ft 12 m
26R	DME	ICNV	109.30 MHz	18 nm 33 km	- -	-	8 ft 8 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	IDCX	111.70 MHz	18 nm 33 km	- -	-	8 ft 8 m
08R	LOC-ILS	IMFA	110.30 MHz	18 nm 33 km	87.37 94.63	-	4 ft 4 m
09	LOC-ILS	IBUL	110.90 MHz	18 nm 33 km	87.37 94.63	-	4 ft 4 m
12	LOC-ILS	IGEM	108.90 MHz	18 nm 33 km	119.60 126.86	-	4 ft 4 m
26L	LOC-ILS	IVIN	109.10 MHz	18 nm 33 km	267.37 274.63	-	4 ft 4 m
27	LOC-ILS	IMIA	109.50 MHz	18 nm 33 km	267.37 274.63	-	4 ft 4 m
30	LOC-ILS	IDCX	111.70 MHz	18 nm 33 km	299.60 306.86	-	4 ft 4 m
08L	LOC-LOC	IROY	109.30 MHz	18 nm 33 km	87.36 94.62	-	4 ft 4 m
26R	LOC-LOC	ICNV	109.30 MHz	18 nm 33 km	267.36 274.62	-	4 ft 4 m
08R	GS	IMFA	110.30 MHz	10 nm 19 km	87.37 94.63	3.00	4 ft 4 m
09	GS	IBUL	110.90 MHz	10 nm 19 km	87.37 94.63	3.00	4 ft 4 m
12	GS	IGEM	108.90 MHz	10 nm 19 km	119.60 126.86	3.00	4 ft 4 m
26L	GS	IVIN	109.10 MHz	10 nm 19 km	267.37 274.63	3.00	4 ft 4 m
27	GS	IMIA	109.50 MHz	10 nm 19 km	267.37 274.63	3.00	4 ft 4 m
30	GS	IDCX	111.70 MHz	10 nm 19 km	299.60 306.86	3.00	4 ft 4 m