

SBGL

Galeao Antonio Carlos Jombim

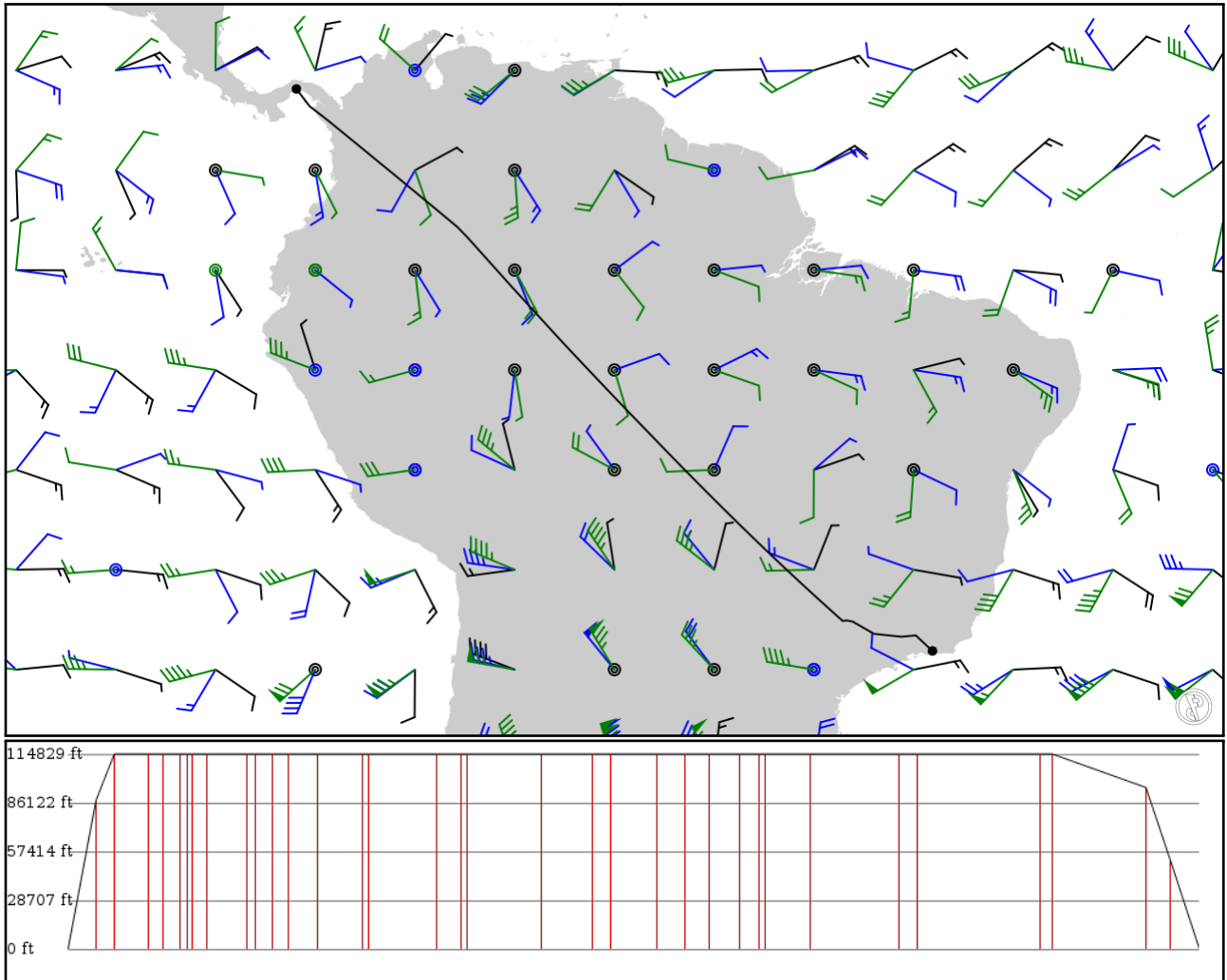
MPTO

Tocumen Intl

2024/06/04 0112Z

SBGL TOKIM 2200S04500W PCL **UW22** RPR RUTLE HASTE **UL201** MTU **UQ109** DAKMO **UA317** ITAGO MPTO

2901.46 nm / 5373.51 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: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
SBGL APT	-	-22.80894 -43.24368	0 ft 0 m	-	Galeao Antonio Carlos Jombim
TOKIM FIX	-	-21.92450 -44.19267	26,700 ft 8,138 m	74	-
2200S04500W LATLON	-	-22.00000 -45.00000	35,000 ft 10,668 m	45	-
PCL NDB	-	-21.83583 -46.56567	35,000 ft 10,668 m	87	POCOS NDB
ALEMA FIX	UW22 AWY-HI	-21.52608 -47.10958	35,000 ft 10,668 m	35	-
RPR NDB	UW22 AWY-HI	-21.14267 -47.77600	35,000 ft 10,668 m	43	RIBEIRAO NDB
RUTLE FIX	-	-21.07683 -48.12433	35,000 ft 10,668 m	19	-
HASTE FIX	-	-21.10717 -48.34333	35,000 ft 10,668 m	12	-
ASTOB FIX	UL201 AWY-HI	-20.68000 -48.82317	35,000 ft 10,668 m	37	-
IDEAL FIX	UL201 AWY-HI	-19.49750 -50.13033	35,000 ft 10,668 m	102	-
DENSE FIX	UL201 AWY-HI	-19.23333 -50.41800	35,000 ft 10,668 m	22	-
CRAPE FIX	UL201 AWY-HI	-18.72317 -50.97017	35,000 ft 10,668 m	43	-
ABUSE FIX	UL201 AWY-HI	-18.25758 -51.46925	35,000 ft 10,668 m	39	-
PROTE FIX	UL201 AWY-HI	-17.37833 -52.40150	35,000 ft 10,668 m	75	-
GRACE FIX	UL201 AWY-HI	-16.00550 -53.83033	35,000 ft 10,668 m	116	-
ANGOL FIX	UL201 AWY-HI	-15.82342 -54.01767	35,000 ft 10,668 m	15	-
EQUAL FIX	UL201 AWY-HI	-13.75667 -56.10967	35,000 ft 10,668 m	173	-
ILMOK FIX	UL201 AWY-HI	-13.00933 -56.85233	35,000 ft 10,668 m	62	-
CANON FIX	UL201 AWY-HI	-12.80533 -57.05383	35,000 ft 10,668 m	17	-
ARPAR FIX	UL201 AWY-HI	-10.51500 -59.28633	35,000 ft 10,668 m	190	-
RONEN FIX	UL201 AWY-HI	-8.92283 -60.82500	35,000 ft 10,668 m	132	-
BARGE FIX	UL201 AWY-HI	-8.37017 -61.35467	35,000 ft 10,668 m	45	-
OBEBABA FIX	UL201 AWY-HI	-6.94117 -62.71383	35,000 ft 10,668 m	117	-
PERSA FIX	UL201 AWY-HI	-6.07233 -63.53417	35,000 ft 10,668 m	71	-
EGLER FIX	UL201 AWY-HI	-5.30517 -64.25533	35,000 ft 10,668 m	63	-
ANBAD FIX	UL201 AWY-HI	-4.35733 -65.12667	35,000 ft 10,668 m	77	-
NAFTA	UL201	-3.72217	35,000 ft	51	-

Ident Type	Via	Lat Lon	Alt		Dist (nm)	Name
FIX	AWY-HI	-65.70850	10,668 m			
DEMUR	UL201	-3.56417	35,000 ft	12	-	
FIX	AWY-HI	-65.85317	10,668 m			
CLOTI	UL201	-2.12383	35,000 ft	117	-	
FIX	AWY-HI	-67.16817	10,668 m			
ABIDE	UL201	0.67842	35,000 ft	226	-	
FIX	AWY-HI	-69.68792	10,668 m			
MTU	UL201	1.24234	35,000 ft	47	MITU VOR-DME	
VOR	AWY-HI	-70.23654	10,668 m			
ANPIX	UQ109	4.60361	35,000 ft	316	-	
FIX	AWY-HI	-74.30361	10,668 m			
EDRAN	UQ109	4.90750	35,000 ft	29	-	
FIX	AWY-HI	-74.68056	10,668 m			
DAKMO	UQ109	7.46139	29,000 ft	241	-	
FIX	AWY-HI	-77.80975	8,839 m			
ITAGO	UA317	8.07953	16,000 ft	61	-	
FIX	AWY-HI	-78.62394	4,877 m			
MPTO	-	9.07136	0 ft	74	Tocumen Intl	
APT	-	-79.38346	0 m			

SBGL

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 28 ft / 9 m
Location: -22.808900 -43.243800
Magnetic Var: 23.428 W

METAR

SBGL 040100Z 32002KT CAVOK 23/19 Q1020

TAF

TAF SBGL 032100Z 0400/0506 09005KT CAVOK TN17/0409Z TX29/0418Z BECMG 0404/0406 30005KT FEW010 PROB30 TEMPO 0410/0

Frequencies

REC - 127.60 MHz - ATIS	CLD - 121.00 MHz - GALEAO CLEARANCE
CLD - 135.10 MHz - GALEAO CLEARANCE	GND - 121.65 MHz - GALEAO GROUND
GND - 128.35 MHz - GALEAO GROUND	TWR - 118.00 MHz - GALEAO TOWER
TWR - 118.20 MHz - GALEAO TOWER	APP - 129.80 MHz - RIO APPROACH
APP - 125.95 MHz - RIO APPROACH	APP - 128.90 MHz - RIO APPROACH
APP - 119.35 MHz - RIO APPROACH	COM - 122.80 MHz - GALEAO UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	13,136 ft	74.40	CONCRETE	0 ft	0 ft
	45 m	4,004 m	97.82		0 m	0 m
28	148 ft	13,136 ft	254.38	CONCRETE	0 ft	174 ft
	45 m	4,004 m	277.81		0 m	53 m
15	154 ft	10,426 ft	125.65	ASPHALT	0 ft	184 ft
	47 m	3,178 m	149.08		0 m	56 m
33	154 ft	10,426 ft	305.64	ASPHALT	0 ft	184 ft
	47 m	3,178 m	329.07		0 m	56 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	IGL	110.30 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28	DME	ILM	111.50 MHz	18 nm	-	-	28 ft
				33 km	-		28 m
10	LOC-ILS	ITB	109.30 MHz	18 nm	74.39	-	28 ft
				33 km	97.82		28 m
15	LOC-ILS	IGL	110.30 MHz	18 nm	125.65	-	28 ft
				33 km	149.08		28 m
28	LOC-ILS	ILM	111.50 MHz	18 nm	254.39	-	28 ft
				33 km	277.82		28 m
10	GS	ITB	109.30 MHz	10 nm	74.39	3.00	28 ft
				19 km	97.82		28 m
15	GS	IGL	110.30 MHz	10 nm	125.65	3.00	28 ft
				19 km	149.08		28 m
28	GS	ILM	111.50 MHz	10 nm	254.39	2.94	28 ft
				19 km	277.82		28 m

MPTO

Region: PANAMA

Timezone: AMERICA/PANAMA

Runways: 2

Elevation: 134 ft / 41 m

Location: 9.071400 -79.383500

Magnetic Var: 5.462 W

METAR

MPTO 040100Z 27003KT 9999 SCT016 SCT090 28/25 Q1009 NOSIG

TAF

TAF MPTO 032300Z 0400/0506 18007KT 9999 SCT018 SCT090 TEMPO 0402/0406 30005KT TEMPO 0407/0409 VRB02KT 6000 RA PROB

Frequencies

REC - 127.70 MHz - ATIS

GND - 121.90 MHz - TOCUMEN GROUND

CLD - 129.80 MHz - CLEARANCE DELIVERY

APP - 123.30 MHz - PANAMA APPROACH

APP - 119.20 MHz - PANAMA APPROACH

TWR - 118.10 MHz - TOCUMEN TOWER

GND - 112.05 MHz - TOCUMEN GROUND

APP - 121.20 MHz - PANAMA APPROACH

APP - 119.70 MHz - PANAMA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03R	148 ft	10,049 ft	29.33	CONCRETE	0 ft	0 ft
	45 m	3,063 m	34.79		0 m	0 m
21L	148 ft	10,049 ft	209.33	CONCRETE	0 ft	0 ft
	45 m	3,063 m	214.79		0 m	0 m
03L	148 ft	8,832 ft	30.67	ASPHALT	814 ft	0 ft
	45 m	2,692 m	36.13		248 m	0 m
21R	148 ft	8,832 ft	210.67	ASPHALT	0 ft	0 ft
	45 m	2,692 m	216.14		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03R	DME	INAT	110.70 MHz	18 nm	-	-	50 ft
				33 km	-		50 m
03R	LOC-ILS	INAT	110.70 MHz	18 nm	29.33	-	134 ft
				33 km	34.79		134 m
03R	GS	INAT	110.70 MHz	10 nm	29.33	3.00	134 ft
				19 km	34.79		134 m