

MPTO

Tocumen Intl

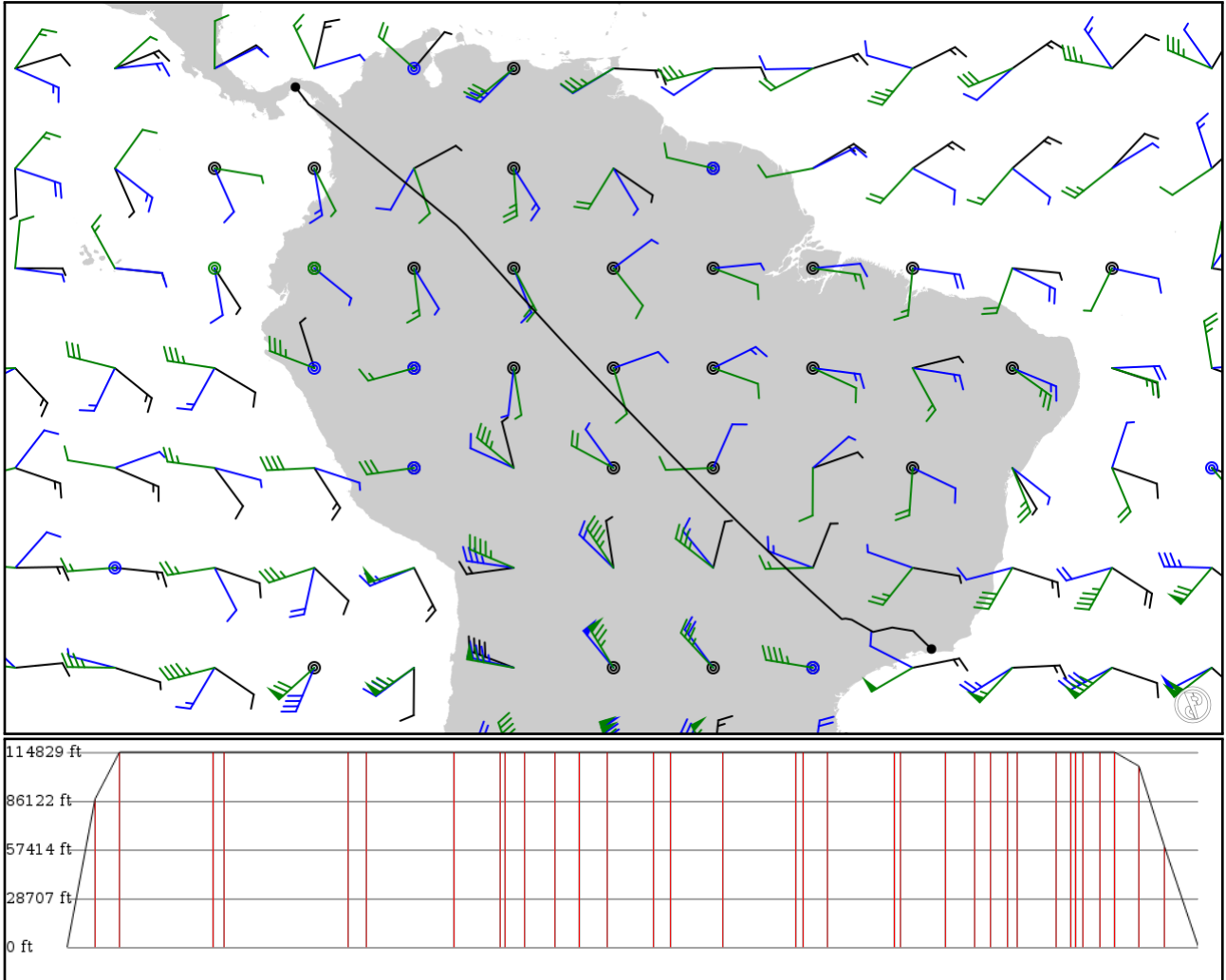
SBGL

Galeao Antonio Carlos Jombim

2024/05/04 0931Z

MPTO ITAGO A317 DAKMO UQ109 MTU UL201 HASTE RUTLE RPR UW22 PCL W57 VGH JOBIM SBGL

2908.31 nm / 5386.19 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
MPTO	-	9.07136	0 ft	-	Tocumen Intl
APT	-	-79.38346	0 m		
ITAGO	-	8.07953	26,600 ft	74	-
FIX	-	-78.62394	8,108 m		
DAKMO	A317	7.46139	35,000 ft	61	-
FIX	AWY-LO	-77.80975	10,668 m		
EDRAN	UQ109	4.90750	35,000 ft	241	-
FIX	AWY-HI	-74.68056	10,668 m		
ANPIX	UQ109	4.60361	35,000 ft	29	-
FIX	AWY-HI	-74.30361	10,668 m		
MTU	UQ109	1.24234	35,000 ft	316	MITU VOR-DME
VOR	AWY-HI	-70.23654	10,668 m		
ABIDE	UL201	0.67842	35,000 ft	47	-
FIX	AWY-HI	-69.68792	10,668 m		
CLOTI	UL201	-2.12383	35,000 ft	226	-
FIX	AWY-HI	-67.16817	10,668 m		
DEMUR	UL201	-3.56417	35,000 ft	117	-
FIX	AWY-HI	-65.85317	10,668 m		
NAFTA	UL201	-3.72217	35,000 ft	12	-
FIX	AWY-HI	-65.70850	10,668 m		
ANBAD	UL201	-4.35733	35,000 ft	51	-
FIX	AWY-HI	-65.12667	10,668 m		
EGLER	UL201	-5.30517	35,000 ft	77	-
FIX	AWY-HI	-64.25533	10,668 m		
PERSA	UL201	-6.07233	35,000 ft	63	-
FIX	AWY-HI	-63.53417	10,668 m		
OBEBA	UL201	-6.94117	35,000 ft	71	-
FIX	AWY-HI	-62.71383	10,668 m		
BARGE	UL201	-8.37017	35,000 ft	117	-
FIX	AWY-HI	-61.35467	10,668 m		
RONEN	UL201	-8.92283	35,000 ft	45	-
FIX	AWY-HI	-60.82500	10,668 m		
ARPAR	UL201	-10.51500	35,000 ft	132	-
FIX	AWY-HI	-59.28633	10,668 m		
CANON	UL201	-12.80533	35,000 ft	190	-
FIX	AWY-HI	-57.05383	10,668 m		
ILMOK	UL201	-13.00933	35,000 ft	17	-
FIX	AWY-HI	-56.85233	10,668 m		
EQUAL	UL201	-13.75667	35,000 ft	62	-
FIX	AWY-HI	-56.10967	10,668 m		
ANGOL	UL201	-15.82342	35,000 ft	173	-
FIX	AWY-HI	-54.01767	10,668 m		
GRACE	UL201	-16.00550	35,000 ft	15	-
FIX	AWY-HI	-53.83033	10,668 m		
PROTE	UL201	-17.37833	35,000 ft	116	-
FIX	AWY-HI	-52.40150	10,668 m		
ABUSE	UL201	-18.25758	35,000 ft	75	-
FIX	AWY-HI	-51.46925	10,668 m		
CRAPE	UL201	-18.72317	35,000 ft	39	-
FIX	AWY-HI	-50.97017	10,668 m		
DENSE	UL201	-19.23333	35,000 ft	43	-
FIX	AWY-HI	-50.41800	10,668 m		
IDEAL	UL201	-19.49750	35,000 ft	22	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-50.13033	10,668 m		
ASTOB	UL201	-20.68000	35,000 ft	102	-
FIX	AWY-HI	-48.82317	10,668 m		
HASTE	UL201	-21.10717	35,000 ft	37	-
FIX	AWY-HI	-48.34333	10,668 m		
RUTLE	-	-21.07683	35,000 ft	12	-
FIX	-	-48.12433	10,668 m		
RPR	-	-21.14267	35,000 ft	19	RIBEIRAO NDB
NDB	-	-47.77600	10,668 m		
ALEMA	UW22	-21.52608	35,000 ft	43	-
FIX	AWY-HI	-47.10958	10,668 m		
PCL	UW22	-21.83583	35,000 ft	35	POCOS NDB
NDB	AWY-HI	-46.56567	10,668 m		
VGH	W57	-21.58817	32,500 ft	62	VARGINHA NDB
NDB	AWY-LO	-45.47433	9,906 m		
JOBIM	-	-21.77983	18,100 ft	67	-
FIX	-	-44.28817	5,517 m		
SBGL	-	-22.80894	0 ft	84	Galeao Antonio Carlos Jombim
APT	-	-43.24368	0 m		

MPTO

Region: PANAMA
Timezone: AMERICA/PANAMA
Runways: 2

Elevation: 134 ft / 41 m
Location: 9.071400 -79.383500
Magnetic Var: 5.450 W

METAR

MPTO 040900Z 31003KT 9999 FEW018 24/22 Q1008 NOSIG

TAF

TAF MPTO 040520Z 0406/0512 28005KT 9999 FEW018 TEMPO 0407/0411 VRB02KT TEMPO 0414/0418 15004KT PROB30 TEMPO 0418/

Frequencies

REC - 127.70 MHz - ATIS	TWR - 118.10 MHz - TOCUMEN TOWER
GND - 121.90 MHz - TOCUMEN GROUND	GND - 112.05 MHz - TOCUMEN GROUND
CLD - 129.80 MHz - CLEARANCE DELIVERY	APP - 121.20 MHz - PANAMA APPROACH
APP - 123.30 MHz - PANAMA APPROACH	APP - 119.70 MHz - PANAMA APPROACH
APP - 119.20 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	34.78		0 m	0 m
21L	148 ft	10,049 ft	209.33	CONCRETE	0 ft	0 ft
	45 m	3,063 m	214.78		0 m	0 m
03L	148 ft	8,832 ft	30.67	ASPHALT	814 ft	0 ft
	45 m	2,692 m	36.12		248 m	0 m
21R	148 ft	8,832 ft	210.67	ASPHALT	0 ft	0 ft
	45 m	2,692 m	216.12		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	34.78		134 m
03R	GS	INAT	110.70 MHz	10 nm	29.33	3.00	134 ft
				19 km	34.78		134 m

SBGL

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 28 ft / 9 m
Location: -22.808900 -43.243800
Magnetic Var: 23.419 W

METAR

SBGL 040900Z 35003KT 8000 FEW010 23/21 Q1015

TAF

TAF SBGL 040315Z 0406/0512 34005KT 9999 SCT020 TN23/0408Z TX34/0417Z PROB40 0408/0412 09003KT 4000 BR BKN013 BECM

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	277.80		0 m	53 m
15	154 ft	10,426 ft	125.65	ASPHALT	0 ft	184 ft
	47 m	3,178 m	149.07		0 m	56 m
33	154 ft	10,426 ft	305.64	ASPHALT	0 ft	184 ft
	47 m	3,178 m	329.06		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	97.81		28 m
15	LOC-ILS	IGL	110.30 MHz	18 nm	125.65	-	28 ft
				33 km	149.07		28 m
28	LOC-ILS	ILM	111.50 MHz	18 nm	254.39	-	28 ft
				33 km	277.81		28 m
10	GS	ITB	109.30 MHz	10 nm	74.39	3.00	28 ft
				19 km	97.81		28 m
15	GS	IGL	110.30 MHz	10 nm	125.65	3.00	28 ft
				19 km	149.07		28 m
28	GS	ILM	111.50 MHz	10 nm	254.39	2.94	28 ft
				19 km	277.81		28 m