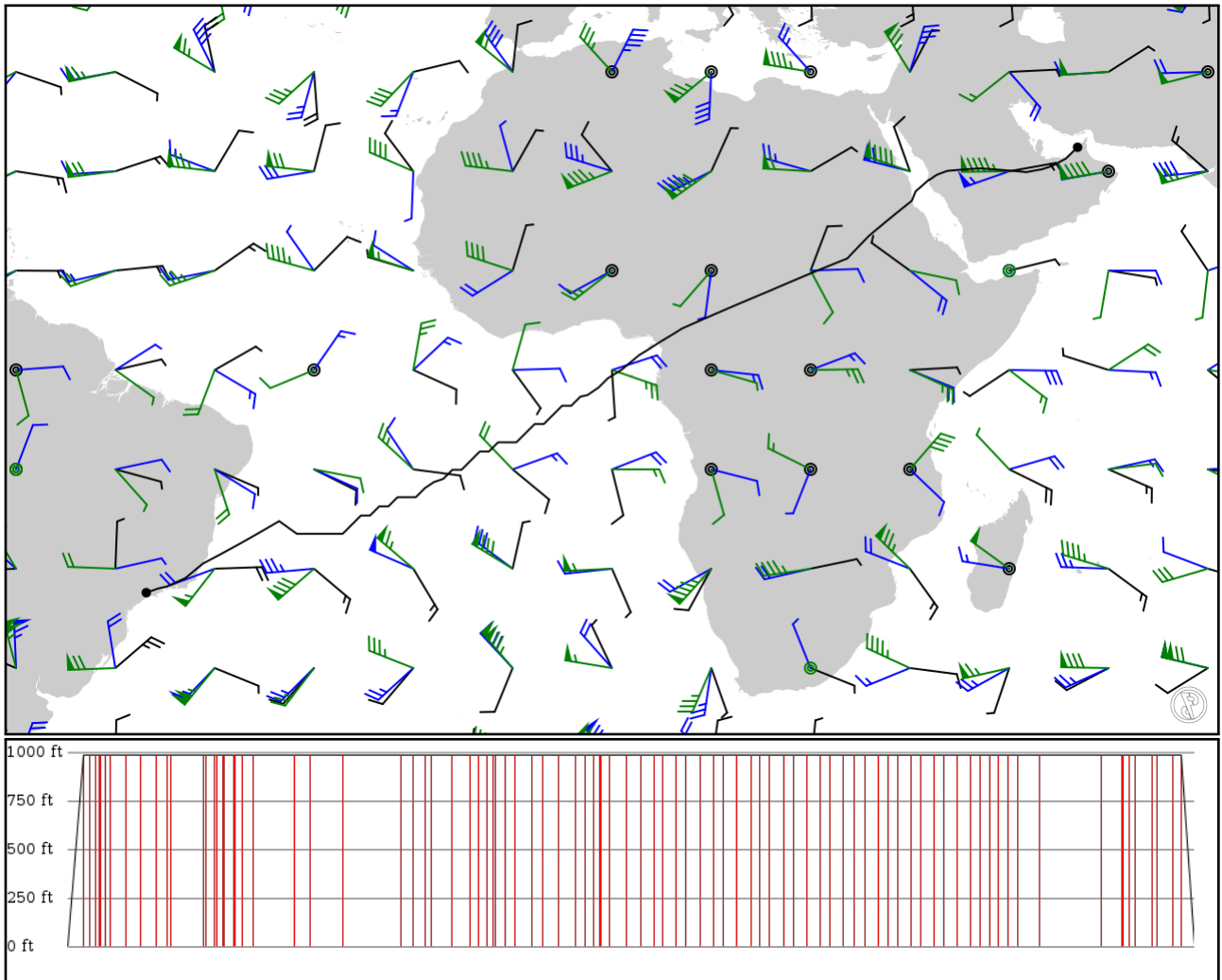


2024/06/07 0430Z

OMDB BOPIT **M318** GOLGU **UM550** RIBOT **M550** MEVDO **Y511** ASMIS **T218** ALPUT VUTEX **M309** VEMEM **G782** JDW JDW
B407 KAROX **UB407** PSD **G660** BOPID **UG660** KTM **UQ584** OBD OBD **UQ584** GAPAK 000N0400E 100S0300E GAPOX
200S0100E 300S0000E 300S0100W 400S0200W 500S0300W 500S0400W 600S0500W 700S0600W 700S0700W
700S0800W 800S0900W 800S01000W 900S01100W 1000S01200W 1000S01300W 1100S01400W LOKIM 1200S01600W
1300S01700W 1300S01800W 1300S01900W 1400S02000W 1400S02100W 1500S02200W 1500S02300W 1600S02400W
1700S02500W 1700S02600W 1700S02700W 1700S02800W 1700S02900W 1700S03000W VODSA **UL335** VRI **Z10**
SIDUR **UZ10** ILMIG SBGR

6959.72 nm / 12889.40 km



Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 310kts
- Cruise Altitude: 380ft
- Cruise Speed: 430kts
- 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
OMDB	-	25.25110	0 ft	-	Dubai Intl
APT	-	55.37110	0 m		
BOPIT	-	23.99640	300 ft	103	-
FIX	-	54.06780	91 m		
DANOK	M318	23.70560	300 ft	34	-
FIX	AWY-HI	53.51970	91 m		
ESROM	M318	23.40670	300 ft	35	-
FIX	AWY-HI	52.95810	91 m		
GOLGU	M318	23.18080	300 ft	27	-
FIX	AWY-HI	52.51920	91 m		
RIBOT	UM550	23.14560	300 ft	6	-
FIX	AWY-HI	52.40780	91 m		
BOPEK	M550	23.01640	300 ft	23	-
FIX	AWY-HI	52.00190	91 m		
MIGMA	M550	22.84310	300 ft	31	-
FIX	AWY-HI	51.46360	91 m		
MEVDO	M550	22.53470	300 ft	95	-
FIX	AWY-HI	49.77110	91 m		
BOSOB	Y511	22.69170	300 ft	96	-
FIX	AWY-HI	48.03830	91 m		
KITUB	Y511	22.82280	300 ft	91	-
FIX	AWY-HI	46.39500	91 m		
DANOM	Y511	22.91500	300 ft	72	-
FIX	AWY-HI	45.08580	91 m		
ASMIS	Y511	22.94190	300 ft	23	-
FIX	AWY-HI	44.67060	91 m		
ALPUT	T218	22.67190	300 ft	197	-
FIX	AWY-HI	41.11810	91 m		
VUTEX	-	22.57170	300 ft	16	-
FIX	-	40.84560	91 m		
VEMEM	M309	22.26490	300 ft	49	-
FIX	AWY-HI	40.02180	91 m		
KAPAV	G782	22.11240	300 ft	16	-
FIX	AWY-HI	39.77230	91 m		
JDW	G782	21.67910	300 ft	42	KING ABDULAZIZ VORTAC
DME	AWY-HI	39.16620	91 m		
JDW	-	21.71230	300 ft	3	KING ABDULAZIZ (JEDDAH)
VOR	-	39.12310	91 m		
DENBU	B407	21.02470	300 ft	60	-
FIX	AWY-HI	38.34190	91 m		
KAROX	B407	20.95470	300 ft	6	-
FIX	AWY-HI	38.26310	91 m		
MAHDI	UB407	20.43330	300 ft	46	-
FIX	AWY-HI	37.65500	91 m		
PSD	UB407	19.40110	300 ft	66	PORT SUDAN
VOR	AWY-HI	37.24170	91 m		
BOPID	G660	16.66310	300 ft	253	-
FIX	AWY-LO	33.86110	91 m		
KTM	UG660	15.56610	300 ft	100	KHARTOUM
VOR	AWY-HI	32.55340	91 m		
OBD	UQ584	13.14770	300 ft	198	EL OBEID VOR-DME
DME	AWY-HI	30.23340	91 m		
OBD	-	13.11130	300 ft	2	EL OBEID

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	-	30.22650	91 m		
ASTAX	UQ584	10.78160	300 ft	361	-
FIX	AWY-HI	24.54740	91 m		
KISAL	UQ584	10.30310	300 ft	72	-
FIX	AWY-HI	23.42400	91 m		
KEKAV	UQ584	9.79500	300 ft	76	-
FIX	AWY-HI	22.24470	91 m		
KITRA	UQ584	9.53583	300 ft	38	-
FIX	AWY-HI	21.64830	91 m		
XUPAM	UQ584	8.72977	300 ft	124	-
FIX	AWY-HI	19.71640	91 m		
NASED	UQ584	8.00000	300 ft	111	-
FIX	AWY-HI	17.99440	91 m		
INEKU	UQ584	7.61289	300 ft	58	-
FIX	AWY-HI	17.08980	91 m		
ENERO	UQ584	7.29761	300 ft	47	-
FIX	AWY-HI	16.35780	91 m		
APTOS	UQ584	7.04000	300 ft	38	-
FIX	AWY-HI	15.76280	91 m		
DIPKO	UQ584	6.93972	300 ft	15	-
FIX	AWY-HI	15.53170	91 m		
ONOGO	UQ584	6.55851	300 ft	57	-
FIX	AWY-HI	14.65630	91 m		
INEVA	UQ584	6.15028	300 ft	60	-
FIX	AWY-HI	13.72470	91 m		
KEMOX	UQ584	5.43139	300 ft	106	-
FIX	AWY-HI	12.09580	91 m		
EPASI	UQ584	4.80656	300 ft	70	-
FIX	AWY-HI	11.10390	91 m		
DLA	UQ584	3.99392	300 ft	94	DOUALA
VOR	AWY-HI	9.74347	91 m		
GEBRO	UQ584	3.04472	300 ft	105	-
FIX	AWY-HI	8.26944	91 m		
MURIM	UQ584	2.52694	300 ft	59	-
FIX	AWY-HI	7.41972	91 m		
MOKOB	UQ584	1.94167	300 ft	55	-
FIX	AWY-HI	6.71111	91 m		
SIRPA	UQ584	1.60833	300 ft	31	-
FIX	AWY-HI	6.30806	91 m		
NARPI	UQ584	1.46778	300 ft	13	-
FIX	AWY-HI	6.13833	91 m		
GAPAK	UQ584	0.94056	300 ft	49	-
FIX	AWY-HI	5.50889	91 m		
000N0400E	-	0.00000	300 ft	106	-
LATLON	-	4.00000	91 m		
100S0300E	-	-1.00000	300 ft	84	-
LATLON	-	3.00000	91 m		
GAPOX	-	-1.82925	300 ft	88	-
FIX	-	1.78731	91 m		
200S0100E	-	-2.00000	300 ft	48	-
LATLON	-	1.00000	91 m		
300S0000E	-	-3.00000	300 ft	84	-
LATLON	-	0.00000	91 m		
300S0100W	-	-3.00000	300 ft	59	-
LATLON	-	-1.00000	91 m		
400S0200W	-	-4.00000	300 ft	84	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-2.00000	91 m		
500S0300W	-	-5.00000	300 ft	84	-
LATLON	-	-3.00000	91 m		
500S0400W	-	-5.00000	300 ft	59	-
LATLON	-	-4.00000	91 m		
600S0500W	-	-6.00000	300 ft	84	-
LATLON	-	-5.00000	91 m		
700S0600W	-	-7.00000	300 ft	84	-
LATLON	-	-6.00000	91 m		
700S0700W	-	-7.00000	300 ft	59	-
LATLON	-	-7.00000	91 m		
700S0800W	-	-7.00000	300 ft	59	-
LATLON	-	-8.00000	91 m		
800S0900W	-	-8.00000	300 ft	84	-
LATLON	-	-9.00000	91 m		
800S01000W	-	-8.00000	300 ft	59	-
LATLON	-	-10.00000	91 m		
900S01100W	-	-9.00000	300 ft	84	-
LATLON	-	-11.00000	91 m		
1000S01200W	-	-10.00000	300 ft	84	-
LATLON	-	-12.00000	91 m		
1000S01300W	-	-10.00000	300 ft	59	-
LATLON	-	-13.00000	91 m		
1100S01400W	-	-11.00000	300 ft	84	-
LATLON	-	-14.00000	91 m		
LOKIM	-	-11.33330	300 ft	62	-
FIX	-	-15.00000	91 m		
1200S01600W	-	-12.00000	300 ft	71	-
LATLON	-	-16.00000	91 m		
1300S01700W	-	-13.00000	300 ft	83	-
LATLON	-	-17.00000	91 m		
1300S01800W	-	-13.00000	300 ft	58	-
LATLON	-	-18.00000	91 m		
1300S01900W	-	-13.00000	300 ft	58	-
LATLON	-	-19.00000	91 m		
1400S02000W	-	-14.00000	300 ft	83	-
LATLON	-	-20.00000	91 m		
1400S02100W	-	-14.00000	300 ft	58	-
LATLON	-	-21.00000	91 m		
1500S02200W	-	-15.00000	300 ft	83	-
LATLON	-	-22.00000	91 m		
1500S02300W	-	-15.00000	300 ft	58	-
LATLON	-	-23.00000	91 m		
1600S02400W	-	-16.00000	300 ft	83	-
LATLON	-	-24.00000	91 m		
1700S02500W	-	-17.00000	300 ft	83	-
LATLON	-	-25.00000	91 m		
1700S02600W	-	-17.00000	300 ft	57	-
LATLON	-	-26.00000	91 m		
1700S02700W	-	-17.00000	300 ft	57	-
LATLON	-	-27.00000	91 m		
1700S02800W	-	-17.00000	300 ft	57	-
LATLON	-	-28.00000	91 m		
1700S02900W	-	-17.00000	300 ft	57	-
LATLON	-	-29.00000	91 m		
1700S03000W	-	-17.00000	300 ft	57	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-30.00000	91 m		
VODSA	-	-15.60550	300 ft	139	-
FIX	-	-31.93820	91 m		
GARUP	UL335	-18.86250	300 ft	382	-
FIX	AWY-HI	-37.67280	91 m		
KIKAT	UL335	-19.85980	300 ft	121	-
FIX	AWY-HI	-39.54000	91 m		
BURVI	UL335	-19.92500	300 ft	8	-
FIX	AWY-HI	-39.66370	91 m		
VRI	UL335	-20.26020	300 ft	40	VITORIA
VOR	AWY-HI	-40.28500	91 m		
SEKMI	Z10	-20.69480	300 ft	39	-
FIX	AWY-LO	-40.82050	91 m		
MOLSU	Z10	-21.83980	300 ft	103	-
FIX	AWY-LO	-42.20480	91 m		
MIGIG	Z10	-22.06180	300 ft	30	-
FIX	AWY-LO	-42.69330	91 m		
SIDUR	Z10	-22.75450	300 ft	94	-
FIX	AWY-LO	-44.21810	91 m		
ILMIG	UZ10	-22.96750	300 ft	53	-
FIX	AWY-HI	-45.16270	91 m		
SBGR	-	-23.43230	0 ft	77	Guarulhos-Andre Franco Montoro Intl
APT	-	-46.46950	0 m		

OMDB

Region: UNITED ARAB EMIRATES
Timezone: ASIA/DUBAI
Runways: 2

Elevation: 62 ft / 19 m
Location: 25.251100 55.371100
Magnetic Var: 2.356 E

METAR

OMDB 070400Z VRB02KT CAVOK 35/13 Q1003 NOSIG

TAF

TAF OMDB 062300Z 0700/0806 08005KT CAVOK BECMG 0704/0706 18010KT BECMG 0707/0709 31013KT BECMG 0716/0718 08005KT

Frequencies

REC - 126.27 MHz - ATIS ARRIVAL	REC - 131.70 MHz - ATIS DEPARTURE
TWR - 126.77 MHz - DUBAI TOWER	TWR - 119.55 MHz - DUBAI TOWER
TWR - 118.75 MHz - DUBAI TOWER	TWR - 119.05 MHz - DUBAI TOWER
GND - 118.35 MHz - DUBAI GROUND	GND - 118.85 MHz - DUBAI GROUND
GND - 121.65 MHz - DUBAI GROUND	CLD - 120.35 MHz - CLEARANCE DELIVERY
APP - 122.50 MHz - MINHAD APPROACH	APP - 126.02 MHz - MINHAD APPROACH
APP - 120.25 MHz - DUBAI ARRIVAL	APP - 124.45 MHz - DUBAI ARRIVAL
APP - 124.90 MHz - DUBAI ARRIVAL	DEP - 126.02 MHz - DUBAI DEPARTURE
DEP - 121.02 MHz - DUBAI DEPARTURE	DEP - 126.20 MHz - DUBAI DEPARTURE
DEP - 120.25 MHz - DUBAI DEPARTURE	APP - 120.40 MHz - DUBAI RADAR
APP - 126.02 MHz - DUBAI RADAR	APP - 127.90 MHz - DUBAI DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	200 ft	14,604 ft	121.53	ASPHALT	2,352 ft	771 ft
	61 m	4,452 m	119.17		717 m	235 m
30L	200 ft	14,604 ft	301.54	ASPHALT	436 ft	0 ft
	61 m	4,452 m	299.19		133 m	0 m
12L	200 ft	14,289 ft	121.48	ASPHALT	1,496 ft	381 ft
	61 m	4,355 m	119.13		456 m	116 m
30R	200 ft	14,289 ft	301.50	ASPHALT	991 ft	377 ft
	61 m	4,355 m	299.14		302 m	115 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	IDBL	110.10 MHz	18 nm	-	-	62 ft
				33 km	-		62 m
30L	DME	IDBW	111.30 MHz	18 nm	-	-	41 ft
				33 km	-		41 m
30R	DME	IDBR	110.90 MHz	18 nm	-	-	44 ft
				33 km	-		44 m
12L	LOC-ILS	IDBL	110.10 MHz	18 nm	121.49	-	62 ft
				33 km	119.13		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.18		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.18		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.13		62 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	GS	IDBL	110.10 MHz	10 nm	121.49	3.00	62 ft
				19 km	119.13		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.18		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.18		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.13		62 m

SBGR

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 2,461 ft / 750 m
Location: -23.432300 -46.469500
Magnetic Var: 22.219 W

METAR

SBGR 070400Z 09002KT 8000 NSC 13/13 Q1024

TAF

TAF SBGR 062130Z 0700/0806 09005KT 8000 FEW016 TN14/0709Z TX25/0718Z BECMG 0706/0708 SCT002 BKN016 TEMPO 0708/071

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	95.82		90 m	58 m
27R	148 ft	12,131 ft	253.59	ASPHALT	200 ft	194 ft
	45 m	3,698 m	275.81		61 m	59 m
09R	148 ft	9,832 ft	73.60	ASPHALT	0 ft	194 ft
	45 m	2,997 m	95.82		0 m	59 m
27L	148 ft	9,832 ft	253.59	ASPHALT	0 ft	194 ft
	45 m	2,997 m	275.81		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	95.81		2,461 m
09R	LOC-ILS	IGR	111.50 MHz	18 nm	73.60	-	2,461 ft
				33 km	95.82		2,461 m
27L	LOC-ILS	IBC	111.10 MHz	18 nm	253.60	-	2,459 ft
				33 km	275.82		2,459 m
27R	LOC-ILS	IGS	111.90 MHz	18 nm	253.59	-	2,459 ft
				33 km	275.81		2,459 m
09L	GS	IUC	110.70 MHz	10 nm	73.59	3.00	2,461 ft
				19 km	95.81		2,461 m
09R	GS	IGR	111.50 MHz	10 nm	73.60	2.92	2,461 ft
				19 km	95.82		2,461 m
27L	GS	IBC	111.10 MHz	10 nm	253.60	3.00	2,459 ft
				19 km	275.82		2,459 m
27R	GS	IGS	111.90 MHz	10 nm	253.59	3.00	2,458 ft
				19 km	275.81		2,458 m