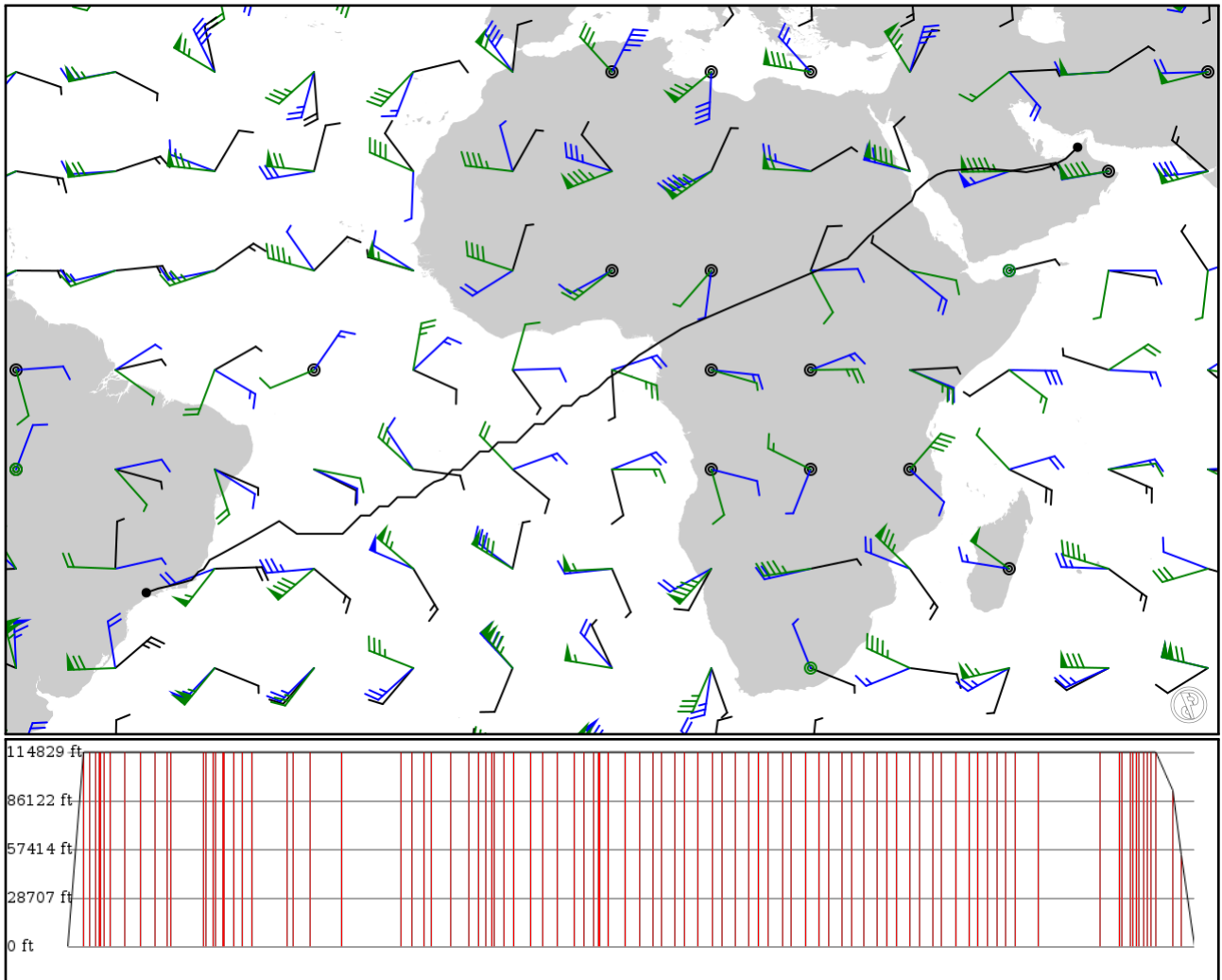


2024/06/07 0445Z

OMDB BOPIT **M318** GOLGU **UM550** RIBOT **M550** MEVDO **Y511** ASMIS **T218** ALPUT VUTEX **M309** VEMEM **G782** JDW JDW
B407 KAROX **UB407** PSD **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** KIKAT **UM661**
NEMUT **UZ49** AKSEP **UZ44** ILMAB **UZ50** SIDUR **UZ10** ILMIG SBGR

6974.35 nm / 12916.50 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
OMDB	-	25.25110	0 ft	-	Dubai Intl
APT	-	55.37110	0 m		
BOPIT	-	23.99640	35,000 ft	103	-
FIX	-	54.06780	10,668 m		
DANOK	M318	23.70560	35,000 ft	34	-
FIX	AWY-HI	53.51970	10,668 m		
ESROM	M318	23.40670	35,000 ft	35	-
FIX	AWY-HI	52.95810	10,668 m		
GOLGU	M318	23.18080	35,000 ft	27	-
FIX	AWY-HI	52.51920	10,668 m		
RIBOT	UM550	23.14560	35,000 ft	6	-
FIX	AWY-HI	52.40780	10,668 m		
BOPEK	M550	23.01640	35,000 ft	23	-
FIX	AWY-HI	52.00190	10,668 m		
MIGMA	M550	22.84310	35,000 ft	31	-
FIX	AWY-HI	51.46360	10,668 m		
MEVDO	M550	22.53470	35,000 ft	95	-
FIX	AWY-HI	49.77110	10,668 m		
BOSOB	Y511	22.69170	35,000 ft	96	-
FIX	AWY-HI	48.03830	10,668 m		
KITUB	Y511	22.82280	35,000 ft	91	-
FIX	AWY-HI	46.39500	10,668 m		
DANOM	Y511	22.91500	35,000 ft	72	-
FIX	AWY-HI	45.08580	10,668 m		
ASMIS	Y511	22.94190	35,000 ft	23	-
FIX	AWY-HI	44.67060	10,668 m		
ALPUT	T218	22.67190	35,000 ft	197	-
FIX	AWY-HI	41.11810	10,668 m		
VUTEX	-	22.57170	35,000 ft	16	-
FIX	-	40.84560	10,668 m		
VEMEM	M309	22.26490	35,000 ft	49	-
FIX	AWY-HI	40.02180	10,668 m		
KAPAV	G782	22.11240	35,000 ft	16	-
FIX	AWY-HI	39.77230	10,668 m		
JDW	G782	21.67910	35,000 ft	42	KING ABDULAZIZ VORTAC
DME	AWY-HI	39.16620	10,668 m		
JDW	-	21.71230	35,000 ft	3	KING ABDULAZIZ (JEDDAH)
VOR	-	39.12310	10,668 m		
DENBU	B407	21.02470	35,000 ft	60	-
FIX	AWY-HI	38.34190	10,668 m		
KAROX	B407	20.95470	35,000 ft	6	-
FIX	AWY-HI	38.26310	10,668 m		
MAHDI	UB407	20.43330	35,000 ft	46	-
FIX	AWY-HI	37.65500	10,668 m		
PSD	UB407	19.40110	35,000 ft	66	PORT SUDAN
VOR	AWY-HI	37.24170	10,668 m		
IMTAR	UG660	17.10250	35,000 ft	213	-
FIX	AWY-HI	34.39200	10,668 m		
BOPID	UG660	16.66310	35,000 ft	40	-
FIX	AWY-HI	33.86110	10,668 m		
KTM	UG660	15.56610	35,000 ft	100	KHARTOUM
VOR	AWY-HI	32.55340	10,668 m		
OBD	UQ584	13.14770	35,000 ft	198	EL OBEID VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
DME	AWY-HI	30.23340	10,668 m		
OBD	-	13.11130	35,000 ft	2	EL OBEID
VOR	-	30.22650	10,668 m		
ASTAX	UQ584	10.78160	35,000 ft	361	-
FIX	AWY-HI	24.54740	10,668 m		
KISAL	UQ584	10.30310	35,000 ft	72	-
FIX	AWY-HI	23.42400	10,668 m		
KEKAV	UQ584	9.79500	35,000 ft	76	-
FIX	AWY-HI	22.24470	10,668 m		
KITRA	UQ584	9.53583	35,000 ft	38	-
FIX	AWY-HI	21.64830	10,668 m		
XUPAM	UQ584	8.72977	35,000 ft	124	-
FIX	AWY-HI	19.71640	10,668 m		
NASED	UQ584	8.00000	35,000 ft	111	-
FIX	AWY-HI	17.99440	10,668 m		
INEKU	UQ584	7.61289	35,000 ft	58	-
FIX	AWY-HI	17.08980	10,668 m		
ENERO	UQ584	7.29761	35,000 ft	47	-
FIX	AWY-HI	16.35780	10,668 m		
APTOS	UQ584	7.04000	35,000 ft	38	-
FIX	AWY-HI	15.76280	10,668 m		
DIPKO	UQ584	6.93972	35,000 ft	15	-
FIX	AWY-HI	15.53170	10,668 m		
ONOGO	UQ584	6.55851	35,000 ft	57	-
FIX	AWY-HI	14.65630	10,668 m		
INEVA	UQ584	6.15028	35,000 ft	60	-
FIX	AWY-HI	13.72470	10,668 m		
KEMOX	UQ584	5.43139	35,000 ft	106	-
FIX	AWY-HI	12.09580	10,668 m		
EPASI	UQ584	4.80656	35,000 ft	70	-
FIX	AWY-HI	11.10390	10,668 m		
DLA	UQ584	3.99392	35,000 ft	94	DOUALA
VOR	AWY-HI	9.74347	10,668 m		
GEBRO	UQ584	3.04472	35,000 ft	105	-
FIX	AWY-HI	8.26944	10,668 m		
MURIM	UQ584	2.52694	35,000 ft	59	-
FIX	AWY-HI	7.41972	10,668 m		
MOKOB	UQ584	1.94167	35,000 ft	55	-
FIX	AWY-HI	6.71111	10,668 m		
SIRPA	UQ584	1.60833	35,000 ft	31	-
FIX	AWY-HI	6.30806	10,668 m		
NARPI	UQ584	1.46778	35,000 ft	13	-
FIX	AWY-HI	6.13833	10,668 m		
GAPAK	UQ584	0.94056	35,000 ft	49	-
FIX	AWY-HI	5.50889	10,668 m		
000N0400E	-	0.00000	35,000 ft	106	-
LATLON	-	4.00000	10,668 m		
100S0300E	-	-1.00000	35,000 ft	84	-
LATLON	-	3.00000	10,668 m		
GAPOX	-	-1.82925	35,000 ft	88	-
FIX	-	1.78731	10,668 m		
200S0100E	-	-2.00000	35,000 ft	48	-
LATLON	-	1.00000	10,668 m		
300S0000E	-	-3.00000	35,000 ft	84	-
LATLON	-	0.00000	10,668 m		
300S0100W	-	-3.00000	35,000 ft	59	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-1.00000	10,668 m		
400S0200W	-	-4.00000	35,000 ft	84	-
LATLON	-	-2.00000	10,668 m		
500S0300W	-	-5.00000	35,000 ft	84	-
LATLON	-	-3.00000	10,668 m		
500S0400W	-	-5.00000	35,000 ft	59	-
LATLON	-	-4.00000	10,668 m		
600S0500W	-	-6.00000	35,000 ft	84	-
LATLON	-	-5.00000	10,668 m		
700S0600W	-	-7.00000	35,000 ft	84	-
LATLON	-	-6.00000	10,668 m		
700S0700W	-	-7.00000	35,000 ft	59	-
LATLON	-	-7.00000	10,668 m		
700S0800W	-	-7.00000	35,000 ft	59	-
LATLON	-	-8.00000	10,668 m		
800S0900W	-	-8.00000	35,000 ft	84	-
LATLON	-	-9.00000	10,668 m		
800S01000W	-	-8.00000	35,000 ft	59	-
LATLON	-	-10.00000	10,668 m		
900S01100W	-	-9.00000	35,000 ft	84	-
LATLON	-	-11.00000	10,668 m		
1000S01200W	-	-10.00000	35,000 ft	84	-
LATLON	-	-12.00000	10,668 m		
1000S01300W	-	-10.00000	35,000 ft	59	-
LATLON	-	-13.00000	10,668 m		
1100S01400W	-	-11.00000	35,000 ft	84	-
LATLON	-	-14.00000	10,668 m		
LOKIM	-	-11.33330	35,000 ft	62	-
FIX	-	-15.00000	10,668 m		
1200S01600W	-	-12.00000	35,000 ft	71	-
LATLON	-	-16.00000	10,668 m		
1300S01700W	-	-13.00000	35,000 ft	83	-
LATLON	-	-17.00000	10,668 m		
1300S01800W	-	-13.00000	35,000 ft	58	-
LATLON	-	-18.00000	10,668 m		
1300S01900W	-	-13.00000	35,000 ft	58	-
LATLON	-	-19.00000	10,668 m		
1400S02000W	-	-14.00000	35,000 ft	83	-
LATLON	-	-20.00000	10,668 m		
1400S02100W	-	-14.00000	35,000 ft	58	-
LATLON	-	-21.00000	10,668 m		
1500S02200W	-	-15.00000	35,000 ft	83	-
LATLON	-	-22.00000	10,668 m		
1500S02300W	-	-15.00000	35,000 ft	58	-
LATLON	-	-23.00000	10,668 m		
1600S02400W	-	-16.00000	35,000 ft	83	-
LATLON	-	-24.00000	10,668 m		
1700S02500W	-	-17.00000	35,000 ft	83	-
LATLON	-	-25.00000	10,668 m		
1700S02600W	-	-17.00000	35,000 ft	57	-
LATLON	-	-26.00000	10,668 m		
1700S02700W	-	-17.00000	35,000 ft	57	-
LATLON	-	-27.00000	10,668 m		
1700S02800W	-	-17.00000	35,000 ft	57	-
LATLON	-	-28.00000	10,668 m		
1700S02900W	-	-17.00000	35,000 ft	57	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-29.00000	10,668 m		
1700S03000W	-	-17.00000	35,000 ft	57	-
LATLON	-	-30.00000	10,668 m		
VODSA	-	-15.60550	35,000 ft	139	-
FIX	-	-31.93820	10,668 m		
GARUP	UL335	-18.86250	35,000 ft	382	-
FIX	AWY-HI	-37.67280	10,668 m		
KIKAT	UL335	-19.85980	35,000 ft	121	-
FIX	AWY-HI	-39.54000	10,668 m		
VAKAM	UM661	-20.05380	35,000 ft	13	-
FIX	AWY-HI	-39.65970	10,668 m		
NEMUT	UM661	-20.85020	35,000 ft	56	-
FIX	AWY-HI	-40.18130	10,668 m		
UKESA	UZ49	-20.93330	35,000 ft	10	-
FIX	AWY-HI	-40.34880	10,668 m		
AKSEP	UZ49	-21.13720	35,000 ft	26	-
FIX	AWY-HI	-40.76030	10,668 m		
TIGBU	UZ44	-21.37250	35,000 ft	17	-
FIX	AWY-HI	-40.95400	10,668 m		
GIKPO	UZ44	-21.73050	35,000 ft	27	-
FIX	AWY-HI	-41.24980	10,668 m		
ILMAB	UZ44	-22.03670	35,000 ft	23	-
FIX	AWY-HI	-41.50800	10,668 m		
GEBIR	UZ50	-22.13500	35,000 ft	19	-
FIX	AWY-HI	-41.84750	10,668 m		
SEGLI	UZ50	-22.29500	35,000 ft	32	-
FIX	AWY-HI	-42.40570	10,668 m		
SIDUR	UZ50	-22.75450	28,100 ft	104	-
FIX	AWY-HI	-44.21810	8,565 m		
ILMIG	UZ10	-22.96750	16,500 ft	53	-
FIX	AWY-HI	-45.16270	5,029 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