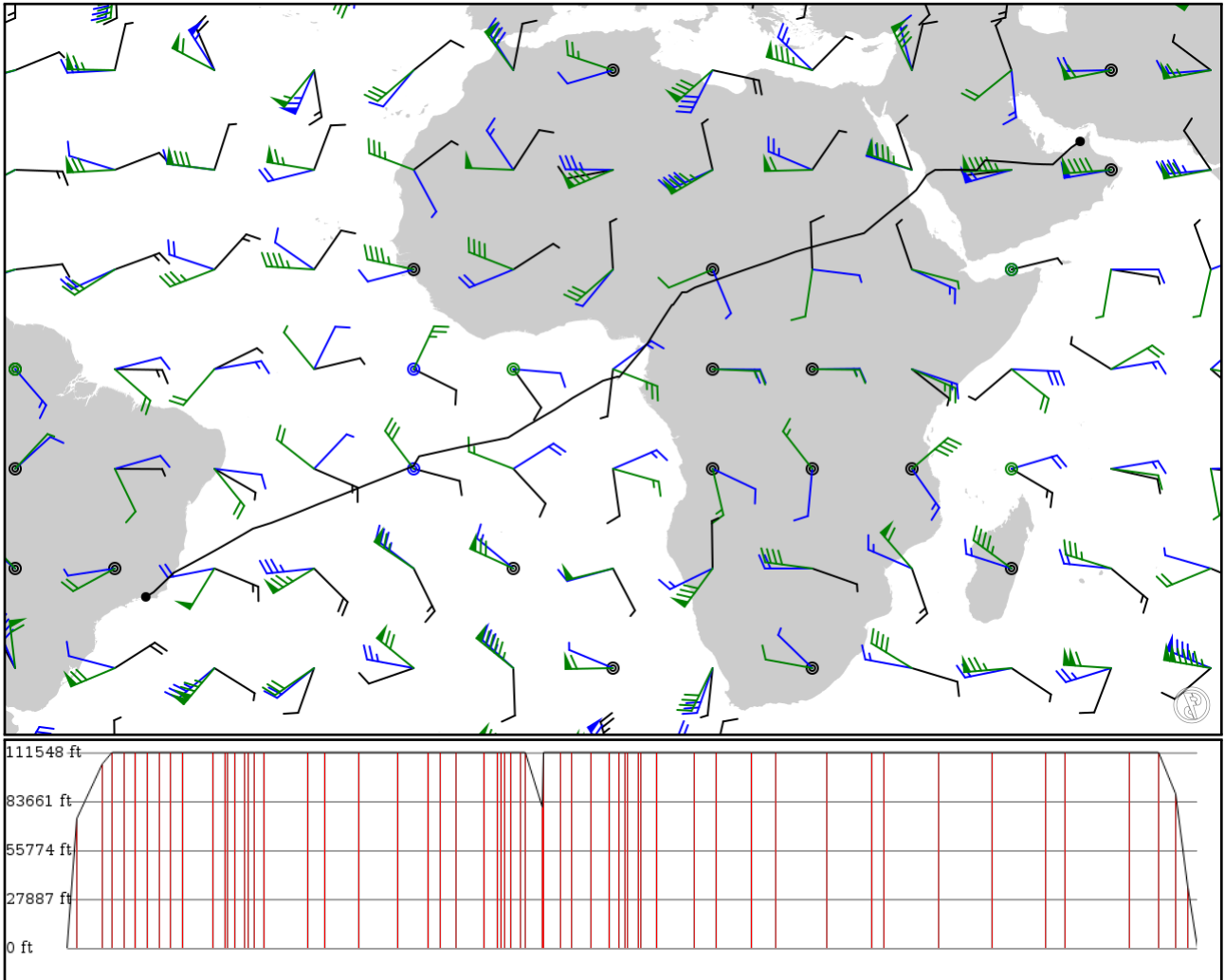


2024/05/06 1319Z

OMDB MEMBI **A419** KITAP **M628** UMRAN **V33** DETGO **N569** EGMAN **G782** LONOX JDW **G660** NABTA **UG660** KTM **UW110F**  
DELAM **UG660** FSR **UW110F** ILBIB **UW605** EPUTA ERALU **UB736** TJR **G857F** AGROD INASU **UG857** DLA **UB737** STM  
RAMOR 000N0500E GAPOX 300S0000E EMTAL 600S0500W 700S01000W FHAW 900S01500W 1100S02000W  
1300S02500W 1500S03000W VODSA **UL335** VTR **UL327** PANAS **W6** FIGOS SBGL

6685.31 nm / 12381.20 km



## Notes

Basic altitude profile:

- Ascent Rate: 1700ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 37000ft
- Cruise Speed: 490kts
- Descent Rate: 2400ft/min
- Descent Speed: 250kts

Options:

- Use NATs: no
- Use PACOTS: no

- Use low airways: yes
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
OMDB	-	25.25491	0 ft	-	DUBAI INTL
APT	-	55.36426	0 m		
MEMBI	-	24.61806	22,500 ft	63	-
FIX	-	54.44194	6,858 m		
KITAP	A419	22.82444	32,000 ft	152	-
FIX	AWY-HI	52.48972	9,754 m		
MIGMA	M628	22.84306	34,000 ft	56	-
FIX	AWY-HI	51.46361	10,363 m		
KIPOM	M628	22.88778	34,000 ft	66	-
FIX	AWY-HI	50.25500	10,363 m		
DEGNO	M628	22.99610	34,000 ft	69	-
FIX	AWY-HI	48.99819	10,363 m		
AMBAG	M628	23.09131	34,000 ft	68	-
FIX	AWY-HI	47.76975	10,363 m		
DEBAS	M628	23.18292	34,000 ft	72	-
FIX	AWY-HI	46.45778	10,363 m		
UMRAN	M628	23.25222	34,000 ft	61	-
FIX	AWY-HI	45.33972	10,363 m		
DETGO	V33	22.22665	34,000 ft	78	-
FIX	AWY-HI	44.47278	10,363 m		
ASRIN	N569	22.25248	34,000 ft	175	-
FIX	AWY-HI	41.32168	10,363 m		
EGMAN	N569	22.24556	34,000 ft	70	-
FIX	AWY-HI	40.05417	10,363 m		
LONOX	G782	22.07611	34,000 ft	18	-
FIX	AWY-HI	39.78722	10,363 m		
JDW	-	21.67914	34,000 ft	42	KING ABDULAZIZ VORTAC
VOR	-	39.16625	10,363 m		
LUBAP	G660	20.84556	34,000 ft	60	-
FIX	AWY-HI	38.56972	10,363 m		
NABTA	G660	20.55389	34,000 ft	21	-
FIX	AWY-HI	38.36278	10,363 m		
BOGUM	UG660	20.11013	34,000 ft	31	-
FIX	AWY-HI	38.05086	10,363 m		
PSD	UG660	19.40118	34,000 ft	62	PORT SUDAN VOR-DME
VOR	AWY-HI	37.24171	10,363 m		
BOPID	UG660	16.66294	34,000 ft	253	-
FIX	AWY-HI	33.86102	10,363 m		
KTM	UG660	15.56609	34,000 ft	100	KHARTOUM VOR-DME
VOR	AWY-HI	32.55338	10,363 m		
DELAM	UW110F	14.66681	34,000 ft	206	-
FIX	AWY-HI	29.11213	10,363 m		
FSR	UG660	13.61047	34,000 ft	229	EL FASHIR VOR-DME
VOR	AWY-HI	25.32928	10,363 m		
ILBIB	UW110F	12.54500	34,000 ft	180	-
FIX	AWY-HI	22.45000	10,363 m		
XULAK	UW605	12.17500	34,000 ft	68	-
FIX	AWY-HI	21.34750	10,363 m		
ERESA	UW605	11.63917	34,000 ft	97	-
FIX	AWY-HI	19.77917	10,363 m		
MENIT	UW605	10.71056	34,000 ft	165	-
FIX	AWY-HI	17.13000	10,363 m		
ENERI	UW605	10.26750	34,000 ft	77	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	15.89500	10,363 m		
VOSLI	UW605	10.15528	34,000 ft	19	-
FIX	AWY-HI	15.58444	10,363 m		
ISDET	UW605	10.03028	34,000 ft	21	-
FIX	AWY-HI	15.24028	10,363 m		
EPUTA	UW605	9.83167	34,000 ft	34	-
FIX	AWY-HI	14.69528	10,363 m		
ERALU	-	9.35250	34,000 ft	57	-
FIX	-	13.85528	10,363 m		
TJR	UB736	9.33436	34,000 ft	30	GAROUA VOR-DME
VOR	AWY-HI	13.34456	10,363 m		
AGROD	G857F	8.00000	24,500 ft	97	-
FIX	AWY-LO	12.40111	7,468 m		
INASU	-	8.00000	34,000 ft	6	-
FIX	-	12.28611	10,363 m		
DELOR	UG857	6.50500	34,000 ft	107	-
FIX	AWY-HI	11.30806	10,363 m		
TJM	UG857	5.64311	34,000 ft	61	FOUMBAN NKOUNJA NDB
NDB	AWY-HI	10.75253	10,363 m		
DLA	UG857	3.99392	34,000 ft	116	DOUALA VOR-DME
VOR	AWY-HI	9.74347	10,363 m		
IPOVO	UB737	2.66222	34,000 ft	104	-
FIX	AWY-HI	8.62611	10,363 m		
ARKOT	UB737	1.92056	34,000 ft	58	-
FIX	AWY-HI	8.00556	10,363 m		
SEMA	UB737	1.45167	34,000 ft	36	-
FIX	AWY-HI	7.61361	10,363 m		
IPOTA	UB737	1.20750	34,000 ft	19	-
FIX	AWY-HI	7.40944	10,363 m		
STM	UB737	0.37845	34,000 ft	64	SAO TOME VOR-DME
VOR	AWY-HI	6.71706	10,363 m		
RAMOR	-	0.44056	34,000 ft	8	-
FIX	-	6.58333	10,363 m		
000N0500E	-	0.00000	34,000 ft	98	-
LATLON	-	5.00000	10,363 m		
GAPOX	-	-1.82579	34,000 ft	221	-
FIX	-	1.78761	10,363 m		
300S0000E	-	-3.00000	34,000 ft	128	-
LATLON	-	0.00000	10,363 m		
EMTAL	-	-4.75167	34,000 ft	208	-
FIX	-	-3.00000	10,363 m		
600S0500W	-	-6.00000	34,000 ft	141	-
LATLON	-	-5.00000	10,363 m		
700S01000W	-	-7.00000	34,000 ft	304	-
LATLON	-	-10.00000	10,363 m		
FHAW	-	-7.96959	34,000 ft	268	Ascension Wideawake Field
APT	-	-14.39370	10,363 m		
900S01500W	-	-9.00000	34,000 ft	71	-
LATLON	-	-15.00000	10,363 m		
1100S02000W	-	-11.00000	34,000 ft	319	-
LATLON	-	-20.00000	10,363 m		
1300S02500W	-	-13.00000	34,000 ft	317	-
LATLON	-	-25.00000	10,363 m		
1500S03000W	-	-15.00000	34,000 ft	315	-
LATLON	-	-30.00000	10,363 m		
VODSA	-	-15.60550	34,000 ft	118	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-31.93817	10,363 m		
GARUP	UL335	-18.86250	34,000 ft	382	-
FIX	AWY-HI	-37.67283	10,363 m		
VTR	UL335	-20.24967	34,000 ft	169	VITORIA VOR-DME
VOR	AWY-HI	-40.28300	10,363 m		
PANAS	UL327	-21.46717	26,800 ft	101	-
FIX	AWY-HI	-41.53883	8,169 m		
FIGOS	W6	-22.30917	10,600 ft	70	-
FIX	AWY-LO	-42.42517	3,231 m		
SBGL	-	-22.80894	0 ft	54	Galeao Antonio Carlos Jombim
APT	-	-43.24368	0 m		

## OMDB

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

Elevation: 62 ft / 19 m  
Location: 25.251100 55.371100  
Magnetic Var: 2.352 E

## METAR

OMDB 061300Z 33011KT CAVOK 33/20 Q1006 NOSIG

## TAF

TAF OMDB 061100Z 0612/0718 32011KT CAVOK BECMG 0615/0617 08005KT BECMG 0703/0705 18012KT BECMG 0708/0710 32014KT

## 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	119.18		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	299.15		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	119.14		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.19		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.19		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.14		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	119.14		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.19		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.19		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.14		62 m

## SBGL

Region: BRAZIL  
Timezone: AMERICA/SAO\_PAULO  
Runways: 2

Elevation: 28 ft / 9 m  
Location: -22.808900 -43.243800  
Magnetic Var: 23.420 W

## METAR

SBGL 061300Z 04005KT 010V110 CAVOK 28/22 Q1017

## TAF

TAF SBGL 060920Z 0612/0718 36005KT CAVOK TX31/0617Z TN21/0709Z BECMG 0616/0618 14010KT BECMG 0622/0624 07005KT BE

## 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