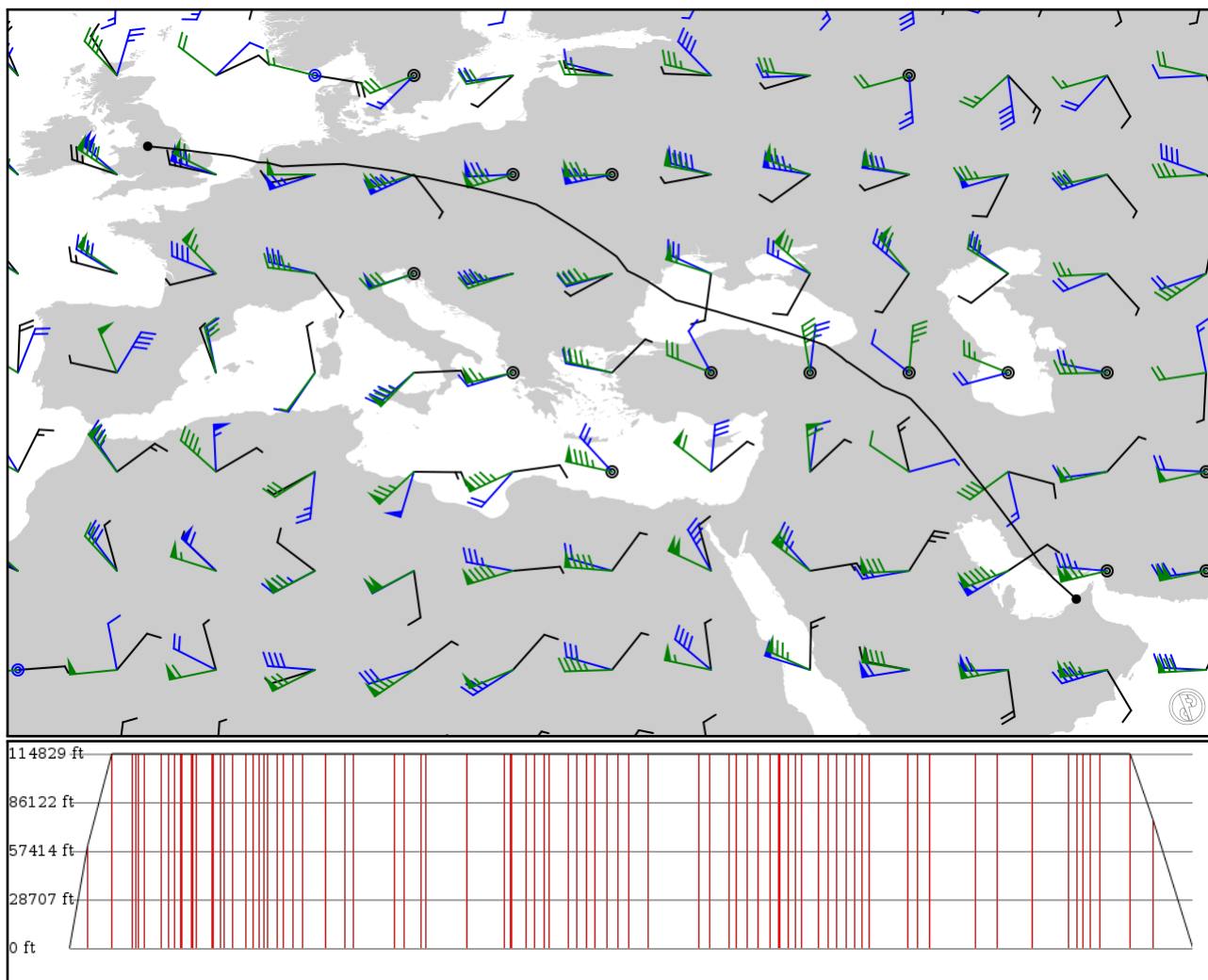


2024/05/20 0807Z

EGCC NAPEX **M16** DOLAS **L603** LAMSO **UL603** BASNO **L620** ARNEM **UP147** RKN **UL980** DLE **UL986** LASIS **L986** ODRAP  
**P746** BCU **N616** EVIKA **L624** ADINA **L851** KUGOS **UL851** BAVTI **UW71** HOCAM **UL851** ERZ ERZ **UA4** VAN **UG81** BONAM  
**G781** UMH **UL223** EGSIR **T217** LAM **UL223** KIS OMDB

3118.42 nm / 5775.32 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
EGCC	-	53.34740	0 ft	-	Manchester
APT	-	-2.28348	0 m		
NAPEX	-	53.20640	18,400 ft	51	-
FIX	-	-0.86111	5,608 m		
DOLAS	M16	52.97860	35,000 ft	68	-
FIX	AWY-HI	1.00083	10,668 m		
ENITO	L603	52.80140	35,000 ft	54	-
FIX	AWY-HI	2.46750	10,668 m		
DIBAL	L603	52.79720	35,000 ft	1	-
FIX	AWY-HI	2.50000	10,668 m		
BUKUT	L603	52.75830	35,000 ft	11	-
FIX	AWY-HI	2.80056	10,668 m		
LAMSO	L603	52.73290	35,000 ft	7	-
FIX	AWY-LO	2.99436	10,668 m		
EVELI	UL603	52.64040	35,000 ft	15	-
FIX	AWY-HI	3.38700	10,668 m		
BASNO	UL603	52.35020	35,000 ft	46	-
FIX	AWY-HI	4.57504	10,668 m		
PAM	L620	52.33480	35,000 ft	18	PAMPUS
VOR	AWY-LO	5.09216	10,668 m		
NYKER	L620	52.23040	35,000 ft	17	-
FIX	AWY-LO	5.52880	10,668 m		
ELPAT	L620	52.12740	35,000 ft	16	-
FIX	AWY-LO	5.95114	10,668 m		
ARNEM	L620	52.09640	35,000 ft	4	-
FIX	AWY-LO	6.07660	10,668 m		
RKN	UP147	52.13320	35,000 ft	25	REKKEN VOR-DME
DME	AWY-HI	6.76388	10,668 m		
ETEBO	UL980	52.13830	35,000 ft	4	-
FIX	AWY-HI	6.87528	10,668 m		
AMSAN	UL980	52.15030	35,000 ft	8	-
FIX	AWY-HI	7.11139	10,668 m		
OSN	UL980	52.20010	35,000 ft	43	OSNABRUECK
VOR	AWY-HI	8.28552	10,668 m		
MOBSA	UL980	52.20640	35,000 ft	6	-
FIX	AWY-HI	8.44944	10,668 m		
BADMU	UL980	52.22440	35,000 ft	19	-
FIX	AWY-HI	8.97083	10,668 m		
ROBEG	UL980	52.23360	35,000 ft	11	-
FIX	AWY-HI	9.26962	10,668 m		
DLE	UL980	52.25030	35,000 ft	22	LEINE
VOR	AWY-HI	9.88349	10,668 m		
POVEL	UL986	52.12840	35,000 ft	35	-
FIX	AWY-HI	10.82780	10,668 m		
EMBOX	UL986	52.05740	35,000 ft	19	-
FIX	AWY-HI	11.34970	10,668 m		
MAG	UL986	51.99500	35,000 ft	16	MAGDEBURG
VOR	AWY-HI	11.79430	10,668 m		
ROSNO	UL986	51.93640	35,000 ft	15	-
FIX	AWY-HI	12.20330	10,668 m		
KOSIX	UL986	51.89920	35,000 ft	9	-
FIX	AWY-HI	12.45610	10,668 m		
BOLBO	UL986	51.79470	35,000 ft	26	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	13.15110	10,668 m		
DOBUR	UL986	51.69810	35,000 ft	15	-
FIX	AWY-HI	13.53500	10,668 m		
KOBUS	UL986	51.51330	35,000 ft	28	-
FIX	AWY-HI	14.25250	10,668 m		
LASIS	UL986	51.40690	35,000 ft	27	-
FIX	AWY-HI	14.96170	10,668 m		
GIGAL	L986	51.07860	35,000 ft	60	-
FIX	AWY-HI	16.49190	10,668 m		
SABAB	L986	50.77030	35,000 ft	56	-
FIX	AWY-HI	17.89920	10,668 m		
SUDOL	L986	50.65330	35,000 ft	20	-
FIX	AWY-LO	18.41170	10,668 m		
LUXAR	L986	49.93000	35,000 ft	114	-
FIX	AWY-LO	21.17530	10,668 m		
ODRAP	L986	49.74190	35,000 ft	28	-
FIX	AWY-LO	21.84110	10,668 m		
LUGOL	P746	49.20560	35,000 ft	47	-
FIX	AWY-HI	22.73810	10,668 m		
VADIM	P746	49.05190	35,000 ft	13	-
FIX	AWY-HI	22.98920	10,668 m		
ROMOL	P746	47.73560	35,000 ft	113	-
FIX	AWY-HI	25.04750	10,668 m		
BCU	P746	46.51090	35,000 ft	103	BACAU
VOR	AWY-HI	26.82560	10,668 m		
TULNU	N616	46.28060	35,000 ft	15	-
FIX	AWY-HI	27.00440	10,668 m		
PELES	N616	46.21720	35,000 ft	4	-
FIX	AWY-HI	27.05330	10,668 m		
EVIKA	N616	45.61250	35,000 ft	41	-
FIX	AWY-HI	27.51390	10,668 m		
GLT	L624	45.41640	35,000 ft	21	GALATI
VOR	AWY-HI	27.92780	10,668 m		
DUNAV	L624	45.12720	35,000 ft	29	-
FIX	AWY-HI	28.48190	10,668 m		
TIRVO	L624	44.99250	35,000 ft	13	-
FIX	AWY-HI	28.73640	10,668 m		
LUPUK	L624	44.41280	35,000 ft	51	-
FIX	AWY-HI	29.61280	10,668 m		
GALMI	L624	44.13330	35,000 ft	24	-
FIX	AWY-HI	30.02560	10,668 m		
ADINA	L624	43.80330	35,000 ft	28	-
FIX	AWY-HI	30.50500	10,668 m		
BANUR	L851	43.68330	35,000 ft	21	-
FIX	AWY-HI	30.96670	10,668 m		
ROMOK	L851	43.47330	35,000 ft	35	-
FIX	AWY-HI	31.72830	10,668 m		
LAGIR	L851	43.29330	35,000 ft	27	-
FIX	AWY-HI	32.31500	10,668 m		
SUGUL	L851	43.11830	35,000 ft	30	-
FIX	AWY-HI	32.97170	10,668 m		
KUGOS	L851	42.78060	35,000 ft	53	-
FIX	AWY-HI	34.08780	10,668 m		
KARDE	UL851	41.90390	35,000 ft	141	-
FIX	AWY-HI	37.04530	10,668 m		
OLUPO	UL851	41.70860	35,000 ft	29	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	37.66190	10,668 m		
TOLUN	UL851	41.34000	35,000 ft	55	-
FIX	AWY-HI	38.79000	10,668 m		
ERIDU	UL851	41.21530	35,000 ft	18	-
FIX	AWY-HI	39.16980	10,668 m		
TBN	UL851	40.99530	35,000 ft	31	TRABZON
VOR	AWY-HI	39.79560	10,668 m		
BAVTI	UL851	40.66280	35,000 ft	28	-
FIX	AWY-HI	40.25460	10,668 m		
HOCAM	UW71	40.24580	35,000 ft	35	-
FIX	AWY-HI	40.82000	10,668 m		
ERZ	UL851	39.95880	35,000 ft	23	ERZURUM TACAN
DME	AWY-HI	41.15310	10,668 m		
ERZ	-	39.95670	35,000 ft	2	ERZURUM
VOR	-	41.20710	10,668 m		
SUSUZ	UA4	39.68080	35,000 ft	24	-
FIX	AWY-HI	41.60830	10,668 m		
GOKSU	UA4	39.49280	35,000 ft	16	-
FIX	AWY-HI	41.87970	10,668 m		
DORUK	UA4	39.27920	35,000 ft	19	-
FIX	AWY-HI	42.18530	10,668 m		
ESENK	UA4	38.74470	35,000 ft	47	-
FIX	AWY-HI	42.93810	10,668 m		
VAN	UA4	38.46610	35,000 ft	24	VAN
VOR	AWY-HI	43.32520	10,668 m		
ZELSU	UG81	38.26560	35,000 ft	24	-
FIX	AWY-HI	43.78310	10,668 m		
BONAM	UG81	38.04890	35,000 ft	27	-
FIX	AWY-HI	44.29970	10,668 m		
TUDNU	G781	37.88360	35,000 ft	23	-
FIX	AWY-HI	44.74640	10,668 m		
UMH	G781	37.68720	35,000 ft	19	UROMIYEH
VOR	AWY-HI	45.08440	10,668 m		
KAPES	UL223	37.42220	35,000 ft	19	-
FIX	AWY-HI	45.33440	10,668 m		
REXAN	UL223	35.98060	35,000 ft	107	-
FIX	AWY-HI	46.65970	10,668 m		
TAVNI	UL223	35.63530	35,000 ft	24	-
FIX	AWY-HI	46.94190	10,668 m		
TUKLO	UL223	35.17060	35,000 ft	32	-
FIX	AWY-HI	47.29750	10,668 m		
UKSIS	UL223	33.36640	35,000 ft	127	-
FIX	AWY-HI	48.66720	10,668 m		
ALTAX	UL223	32.50390	35,000 ft	62	-
FIX	AWY-HI	49.36170	10,668 m		
KIXOB	UL223	31.15470	35,000 ft	97	-
FIX	AWY-HI	50.41640	10,668 m		
EGSIR	UL223	29.77080	35,000 ft	99	-
FIX	AWY-HI	51.45970	10,668 m		
RUBAK	T217	29.43810	35,000 ft	23	-
FIX	AWY-HI	51.70500	10,668 m		
TOTNO	T217	29.18110	35,000 ft	18	-
FIX	AWY-HI	51.89330	10,668 m		
DASDO	T217	28.90030	35,000 ft	19	-
FIX	AWY-HI	52.09750	10,668 m		
LAGSA	T217	28.55170	35,000 ft	24	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	52.34890	10,668 m		
LAM	T217	27.37280	35,000 ft	83	LAMERD
VOR	AWY-HI	53.18400	10,668 m		
KIS	UL223	26.52520	23,100 ft	65	KISH ISLAND
VOR	AWY-HI	53.96240	7,041 m		
OMDB	-	25.25110	0 ft	107	Dubai Intl
APT	-	55.37110	0 m		

## EGCC

Region: UNITED KINGDOM  
Timezone: EUROPE/LONDON  
Runways: 2

Elevation: 257 ft / 78 m  
Location: 53.347400 -2.283480  
Magnetic Var: 0.454 W

## METAR

EGCC 200720Z AUTO 08004KT 9999 FEW019 13/09 Q1017

## TAF

TAF EGCC 200500Z 2006/2112 06004KT 9999 FEW045 PROB30 TEMPO 2006/2010 8000 TEMPO 2103/2112 7000 SHRA PROB30 TEMPO

## Frequencies

REC - 113.55 MHz - ATIS ARRIVAL	REC - 121.90 MHz - ATIS DEPARTURE
TWR - 119.40 MHz - MANCHESTER TOWER	TWR - 118.60 MHz - MANCHESTER TOWER
GND - 121.85 MHz - MANCHESTER GROUND	GND - 121.75 MHz - MANCHESTER GROUND
CLD - 121.70 MHz - CLEARANCE DELIVERY	APP - 135.00 MHz - MANCHESTER APPROACH
APP - 118.50 MHz - MANCHESTER APPROACH	APP - 121.35 MHz - MANCHESTER DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05L	151 ft	9,980 ft	51.00	ASPHALT	1,401 ft	0 ft
	46 m	3,042 m	51.45		427 m	0 m
23R	151 ft	9,980 ft	231.03	ASPHALT	597 ft	200 ft
	46 m	3,042 m	231.48		182 m	61 m
05R	144 ft	10,519 ft	50.98	ASPHALT	0 ft	0 ft
	44 m	3,206 m	51.43		0 m	0 m
23L	144 ft	10,519 ft	231.00	ASPHALT	1,093 ft	0 ft
	44 m	3,206 m	231.46		333 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	IMM	109.50 MHz	18 nm	-	-	294 ft
				33 km	-		294 m
05R	DME	IMC	111.55 MHz	18 nm	-	-	212 ft
				33 km	-		212 m
23R	DME	INN	109.50 MHz	18 nm	-	-	294 ft
				33 km	-		294 m
05L	LOC-ILS	IMM	109.50 MHz	18 nm	51.03	-	257 ft
				33 km	51.48		257 m
05R	LOC-ILS	IMC	111.55 MHz	18 nm	51.01	-	257 ft
				33 km	51.46		257 m
23R	LOC-ILS	INN	109.50 MHz	18 nm	230.98	-	257 ft
				33 km	231.43		257 m
05L	GS	IMM	109.50 MHz	10 nm	51.01	3.00	257 ft
				19 km	51.46		257 m
05R	GS	IMC	111.55 MHz	10 nm	51.97	3.00	257 ft
				19 km	52.42		257 m
23R	GS	INN	109.50 MHz	10 nm	231.01	3.00	257 ft
				19 km	231.46		257 m

## OMDB

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

Elevation: 62 ft / 19 m  
Location: 25.251100 55.371100  
Magnetic Var: 2.354 E

## METAR

OMDB 200700Z 21006KT 140V280 CAVOK 33/20 Q1006 NOSIG

## TAF

TAF OMDB 200500Z 2006/2112 21008KT 8000 NSC BECMG 2006/2008 27012KT BECMG 2016/2018 19005KT PROB30 TEMPO 2022/2100

## 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	299.15		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