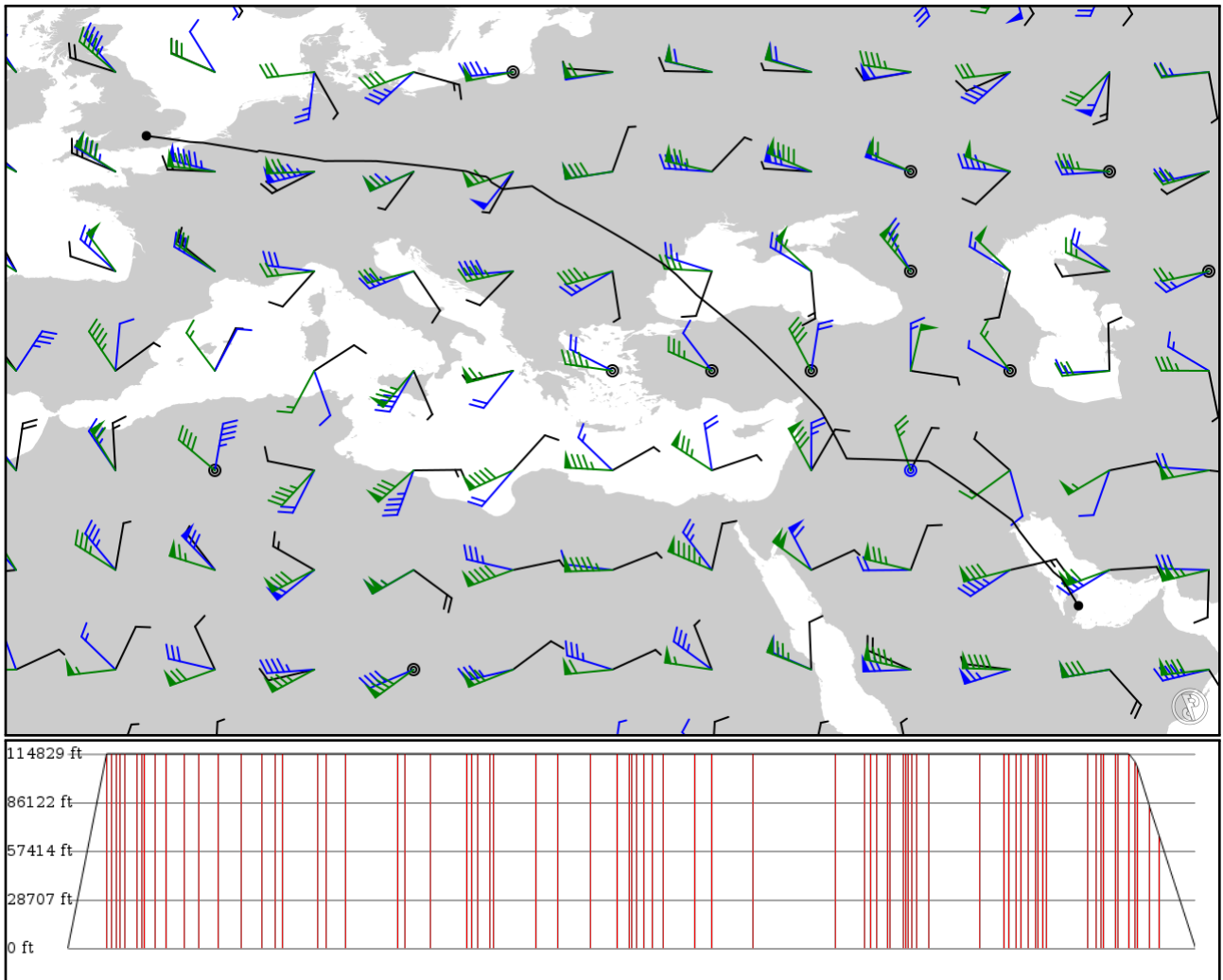


2024/05/10 0227Z

OTHH MOGAS **UL602** RALKA **G795** TASMI **L602** LOVEK **UL602** DELMI **G202** TAN **B544** ALE **UM861** BUK **UL621** ODERO
L621 REVDA **P193** KARIL EXIDA **A42** KULIN **Y301** NIDOK TEKLA **B45** KOPAT ZLA **P27** MAKAL **L624** LABUK **Y444**
ELMEK **L726** OKG **UL984** LOHRE **UL610** BATTY **T855** LNO **L607** KOK KOK **L607** KONAN EGLL

2968.12 nm / 5496.95 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
OTHH	-	25.27450	0 ft	-	Hamad Intl
APT	-	51.60770	0 m		
MOGAS	-	26.79990	35,000 ft	105	-
FIX	-	50.65250	10,668 m		
TOLMO	UL602	26.91780	35,000 ft	11	-
FIX	AWY-HI	50.49080	10,668 m		
EGLIT	UL602	27.04890	35,000 ft	11	-
FIX	AWY-HI	50.33490	10,668 m		
TOKMA	UL602	27.16080	35,000 ft	9	-
FIX	AWY-HI	50.19970	10,668 m		
ORSOL	UL602	27.35970	35,000 ft	14	-
FIX	AWY-HI	50.03550	10,668 m		
ITNAS	UL602	27.77880	35,000 ft	31	-
FIX	AWY-HI	49.66580	10,668 m		
ENAVI	UL602	27.93110	35,000 ft	11	-
FIX	AWY-HI	49.53100	10,668 m		
DAMUR	UL602	28.02710	35,000 ft	7	-
FIX	AWY-HI	49.44390	10,668 m		
DAVUS	UL602	28.39620	35,000 ft	28	-
FIX	AWY-HI	49.10620	10,668 m		
BOXIK	UL602	28.80390	35,000 ft	29	-
FIX	AWY-HI	48.79280	10,668 m		
RALKA	UL602	29.43640	35,000 ft	45	-
FIX	AWY-HI	48.30530	10,668 m		
TASMI	G795	30.02220	35,000 ft	40	-
FIX	AWY-HI	47.91810	10,668 m		
GADSI	L602	30.56610	35,000 ft	50	-
FIX	AWY-HI	47.18780	10,668 m		
ALPET	L602	31.20530	35,000 ft	59	-
FIX	AWY-HI	46.31220	10,668 m		
ITBIT	L602	31.79310	35,000 ft	55	-
FIX	AWY-HI	45.48810	10,668 m		
MUTLO	L602	32.17190	35,000 ft	35	-
FIX	AWY-HI	44.95080	10,668 m		
LOVEK	L602	32.36890	35,000 ft	18	-
FIX	AWY-HI	44.66690	10,668 m		
DELMi	UL602	33.32170	35,000 ft	92	-
FIX	AWY-HI	43.22440	10,668 m		
PUSTO	G202	33.35000	35,000 ft	23	-
FIX	AWY-HI	42.75000	10,668 m		
RAPLU	G202	33.38330	35,000 ft	49	-
FIX	AWY-HI	41.75830	10,668 m		
MODIK	G202	33.46830	35,000 ft	137	-
FIX	AWY-HI	39.01670	10,668 m		
TAN	G202	33.48240	35,000 ft	18	TANF
VOR	AWY-HI	38.65410	10,668 m		
TUDMU	B544	34.51670	35,000 ft	67	-
FIX	AWY-HI	38.12500	10,668 m		
TANGO	B544	35.95000	35,000 ft	94	-
FIX	AWY-HI	37.33500	10,668 m		
ALE	B544	36.17970	35,000 ft	15	ALEPPO
VOR	AWY-HI	37.20940	10,668 m		
NOVMR	UM861	36.38170	35,000 ft	15	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	37.02170	10,668 m		
NISAP	UM861	36.78440	35,000 ft	30	-
FIX	AWY-HI	36.64140	10,668 m		
MILBA	UM861	36.95140	35,000 ft	12	-
FIX	AWY-HI	36.47940	10,668 m		
TEVDA	UM861	38.37280	35,000 ft	108	-
FIX	AWY-HI	35.06670	10,668 m		
BELSU	UM861	39.13080	35,000 ft	58	-
FIX	AWY-HI	34.28640	10,668 m		
BUK	UM861	40.24190	35,000 ft	86	CUBUK (ANKARA)
VOR	AWY-HI	33.10490	10,668 m		
LETBU	UL621	41.13280	35,000 ft	71	-
FIX	AWY-HI	32.06920	10,668 m		
EVLAP	UL621	41.53750	35,000 ft	32	-
FIX	AWY-HI	31.58580	10,668 m		
ULVEX	UL621	41.58310	35,000 ft	3	-
FIX	AWY-HI	31.53110	10,668 m		
UNSUL	UL621	41.76670	35,000 ft	14	-
FIX	AWY-HI	31.30860	10,668 m		
ERMUP	UL621	42.00060	35,000 ft	18	-
FIX	AWY-HI	31.02280	10,668 m		
RIXUB	UL621	42.28720	35,000 ft	23	-
FIX	AWY-HI	30.66890	10,668 m		
ODERO	UL621	42.61060	35,000 ft	26	-
FIX	AWY-HI	30.26440	10,668 m		
REVDA	L621	43.73330	35,000 ft	83	-
FIX	AWY-HI	29.14330	10,668 m		
CND	P193	44.28560	35,000 ft	43	CONSTANTA
VOR	AWY-HI	28.47830	10,668 m		
URELA	P193	45.49670	35,000 ft	109	-
FIX	AWY-HI	26.56110	10,668 m		
KARIL	P193	47.79390	35,000 ft	218	-
FIX	AWY-HI	22.44220	10,668 m		
EXIDA	-	48.66750	35,000 ft	75	-
FIX	-	21.09110	10,668 m		
DEDIS	A42	48.63060	35,000 ft	14	-
FIX	AWY-LO	20.72560	10,668 m		
TAKOS	A42	48.58250	35,000 ft	18	-
FIX	AWY-LO	20.26670	10,668 m		
TAGOD	A42	48.51080	35,000 ft	26	-
FIX	AWY-LO	19.61580	10,668 m		
KULIN	A42	48.49220	35,000 ft	6	-
FIX	AWY-LO	19.45140	10,668 m		
NIDOK	Y301	48.88580	35,000 ft	34	-
FIX	AWY-LO	18.81190	10,668 m		
TEKLA	-	48.97940	35,000 ft	6	-
FIX	-	18.74530	10,668 m		
KOPAT	B45	49.10640	35,000 ft	8	-
FIX	AWY-LO	18.65440	10,668 m		
ZLA	-	49.20290	35,000 ft	8	ZILINA
NDB	-	18.51040	10,668 m		
MAKAL	P27	49.24600	35,000 ft	13	-
FIX	AWY-LO	18.16570	10,668 m		
LABUK	L624	49.49850	35,000 ft	33	-
FIX	AWY-HI	17.41080	10,668 m		
ELMEK	Y444	49.90390	35,000 ft	133	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	14.02990	10,668 m		
OKG	L726	50.06510	35,000 ft	63	CHEB
VOR	AWY-HI	12.40570	10,668 m		
ABERU	UL984	50.06920	35,000 ft	12	-
FIX	AWY-HI	12.09370	10,668 m		
KULOK	UL984	50.07280	35,000 ft	17	-
FIX	AWY-HI	11.63050	10,668 m		
LONLI	UL984	50.07470	35,000 ft	15	-
FIX	AWY-HI	11.22640	10,668 m		
SULUS	UL984	50.07520	35,000 ft	19	-
FIX	AWY-HI	10.72880	10,668 m		
KOMIB	UL984	50.07340	35,000 ft	18	-
FIX	AWY-HI	10.24270	10,668 m		
RASPU	UL984	50.07280	35,000 ft	5	-
FIX	AWY-HI	10.09860	10,668 m		
OSBIT	UL984	50.07010	35,000 ft	12	-
FIX	AWY-HI	9.78307	10,668 m		
LOHRE	UL984	50.06690	35,000 ft	11	-
FIX	AWY-HI	9.48639	10,668 m		
ADKUV	UL610	50.50690	35,000 ft	105	-
FIX	AWY-HI	6.81750	10,668 m		
LAMLA	UL610	50.59310	35,000 ft	22	-
FIX	AWY-HI	6.23806	10,668 m		
BATTY	UL610	50.64920	35,000 ft	15	-
FIX	AWY-HI	5.84878	10,668 m		
LNO	T855	50.58580	35,000 ft	6	OLNO
VOR	AWY-LO	5.71028	10,668 m		
NIK40	L607	50.71960	35,000 ft	29	-
FIX	AWY-LO	4.96746	10,668 m		
GILOM	L607	50.75200	35,000 ft	7	-
FIX	AWY-LO	4.77411	10,668 m		
DENOX	L607	50.87940	35,000 ft	29	-
FIX	AWY-LO	4.02778	10,668 m		
GOLEX	L607	50.94530	33,600 ft	16	-
FIX	AWY-LO	3.61583	10,241 m		
MAK	L607	50.96440	32,600 ft	4	MACKEL
NDB	AWY-LO	3.49639	9,936 m		
KOK	L607	51.09920	25,600 ft	32	KOKSY VORTAC
DME	AWY-LO	2.65472	7,803 m		
KOK	-	51.09470	25,500 ft	0	KOKSY
VOR	-	2.65167	7,772 m		
KONAN	L607	51.13080	20,200 ft	24	-
FIX	AWY-LO	2.00000	6,157 m		
EGLL	-	51.47120	0 ft	94	London Heathrow
APT	-	-0.46088	0 m		

OTHH

Region: QATAR
Timezone: UNKNOWN
Runways: 2

Elevation: 13 ft / 4 m
Location: 25.274500 51.607700
Magnetic Var: 2.773 E

METAR

OTHH 100200Z AUTO 32013KT CAVOK 25/14 Q1009 NOSIG

TAF

TAF OTHH 091701Z 0918/1024 32014G24KT CAVOK

Frequencies

REC - 126.85 MHz - ATIS	CLD - 120.87 MHz - CLEARANCE DELIVERY
TWR - 118.52 MHz - HAMAD TOWER	TWR - 118.02 MHz - HAMAD TOWER
TWR - 118.22 MHz - HAMAD TOWER	GND - 121.67 MHz - HAMAD GROUND
GND - 120.22 MHz - HAMAD GROUND	GND - 118.65 MHz - HAMAD GROUND
APP - 121.10 MHz - DOHA APPROACH	APP - 119.72 MHz - DOHA APPROACH
DEP - 119.12 MHz - DOHA DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	197 ft	15,927 ft	158.28	ASPHALT	0 ft	1,017 ft
	60 m	4,855 m	155.51		0 m	310 m
34R	197 ft	15,927 ft	338.29	ASPHALT	0 ft	1,017 ft
	60 m	4,855 m	335.52		0 m	310 m
16R	197 ft	13,957 ft	158.28	ASPHALT	0 ft	1,017 ft
	60 m	4,254 m	155.50		0 m	310 m
34L	197 ft	13,957 ft	338.28	ASPHALT	0 ft	1,017 ft
	60 m	4,254 m	335.51		0 m	310 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16L	LOC-ILS	IDE	108.70 MHz	18 nm	158.29	-	13 ft
				33 km	155.52		13 m
16R	LOC-ILS	QAT	108.10 MHz	18 nm	158.28	-	13 ft
				33 km	155.51		13 m
34L	LOC-ILS	HJJ	111.90 MHz	18 nm	338.28	-	13 ft
				33 km	335.51		13 m
34R	LOC-ILS	AZM	110.10 MHz	18 nm	338.29	-	13 ft
				33 km	335.52		13 m
16L	GS	IDE	108.70 MHz	10 nm	158.29	3.00	13 ft
				19 km	155.52		13 m
16R	GS	QAT	108.10 MHz	10 nm	158.28	3.00	13 ft
				19 km	155.51		13 m
34L	GS	HJJ	111.90 MHz	10 nm	338.28	3.00	13 ft
				19 km	335.51		13 m
34R	GS	AZM	110.10 MHz	10 nm	338.29	3.00	13 ft
				19 km	335.52		13 m

EGLL

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

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.377 E

METAR

EGLL 100220Z AUTO 10002KT 9999 NCD 13/11 Q1024

TAF

TAF EGLL 092253Z 1000/1106 VRB02KT CAVOK PROB30 TEMPO 1104/1106 6000 BKN005

Frequencies

REC - 128.07 MHz - HEATHROW INFORMATION	REC - 121.92 MHz - HEATHROW INFORMATION
CLD - 121.97 MHz - HEATHROW DELIVERY	GND - 121.70 MHz - HEATHROW GROUND
GND - 121.85 MHz - HEATHROW GROUND	GND - 121.90 MHz - HEATHROW GROUND
TWR - 118.50 MHz - HEATHROW TOWER	TWR - 118.70 MHz - HEATHROW TOWER
TWR - 124.47 MHz - HEATHROW TOWER	APP - 119.72 MHz - HEATHROW DIRECTOR
APP - 120.40 MHz - HEATHROW DIRECTOR	APP - 134.97 MHz - HEATHROW DIRECTOR
APP - 125.62 MHz - HEATHROW RADAR	APP - 127.52 MHz - HEATHROW RADAR
DEP - 120.52 MHz - HEATHROW DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	164 ft	12,770 ft	89.66	ASPHALT	1,007 ft	0 ft
	50 m	3,892 m	89.28		307 m	0 m
27R	164 ft	12,770 ft	269.70	ASPHALT	0 ft	177 ft
	50 m	3,892 m	269.33		0 m	54 m
09R	164 ft	11,975 ft	89.68	ASPHALT	1,004 ft	0 ft
	50 m	3,650 m	89.30		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.34		0 m	29 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IAA	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09R	DME	IBB	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27L	DME	ILL	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27R	DME	IRR	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09L	LOC-ILS	IAA	110.30 MHz	18 nm	89.68	-	83 ft
				33 km	89.30		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.32		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.32		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.30		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.30		83 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09R	GS	IBB	109.50 MHz	10 nm	89.70	3.00	83 ft
				19 km	89.32		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.32		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.30		83 m