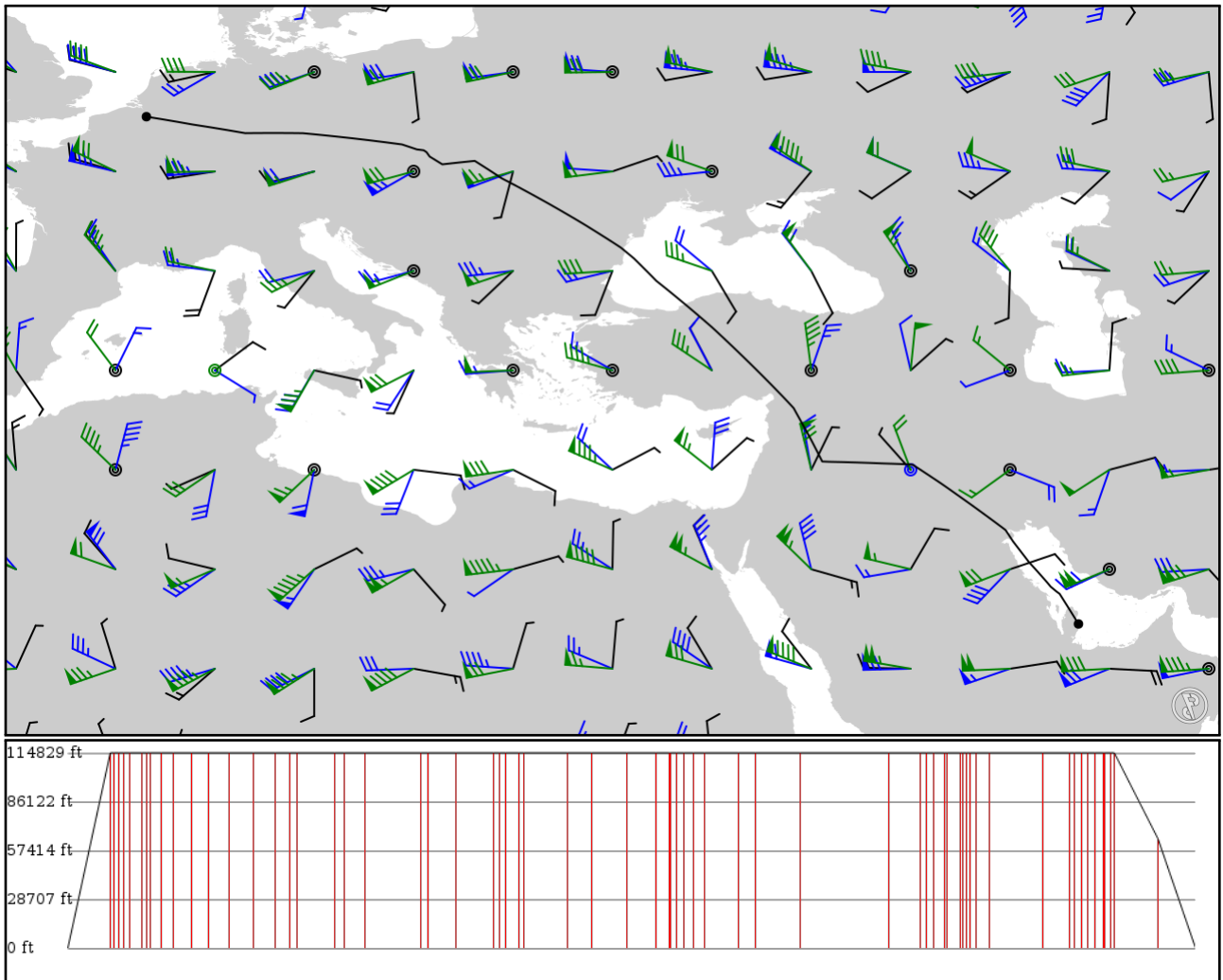


2024/05/18 0111Z

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 **B45** TEKLA KOPAT ZLA **P27** MAKAL **L624** LABUK **Y444**
ELMEK **L726** OKG **UL984** LOHRE **UL610** ADKUV EBBR

2775.71 nm / 5140.61 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	B45	48.97940	35,000 ft	6	-
FIX	AWY-LO	18.74530	10,668 m		
KOPAT	-	49.10640	35,000 ft	8	-
FIX	-	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	19,600 ft	105	-
FIX	AWY-HI	6.81750	5,974 m		
EBBR	-	50.89990	0 ft	91	Brussels
APT	-	4.49277	0 m		

OTHH

Region: QATAR
Timezone: UNKNOWN
Runways: 2

Elevation: 13 ft / 4 m
Location: 25.274500 51.607700
Magnetic Var: 2.774 E

METAR

OTHH 180100Z 30007KT CAVOK 29/23 Q1006 NOSIG

TAF

TAF OTHH 171700Z 1718/1824 10010KT 8000 NSC TEMPO 1720/1806 33009KT TEMPO 1805/1815 03013KT BECMG 1815/1817 33012

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

EBBR

Region: BELGIUM
Timezone: EUROPE/BRUSSELS
Runways: 3

Elevation: 184 ft / 56 m
Location: 50.899900 4.492770
Magnetic Var: 2.005 E

METAR

EBBR 180050Z 28006KT 2000 BR BKN002 13/13 Q1010 TEMPO 1200 BR

TAF

TAF TAF EBBR 172300Z 1800/1906 27006KT 4000 BR BKN004 TEMPO 1800/1807 2000 -DZ BECMG 1807/1809 SCT006 BKN014 PROB4

Frequencies

REC - 121.75 MHz - ATIS DEP
COM - 130.55 MHz - ABELAG UNICOM
GND - 118.05 MHz -
GND - 121.87 MHz -
TWR - 120.77 MHz -
APP - 120.10 MHz -
DEP - 126.62 MHz -

REC - 132.47 MHz - ATIS ARR
CLD - 121.95 MHz - CLNC DEL
GND - 121.70 MHz -
TWR - 118.60 MHz -
APP - 118.25 MHz -
APP - 122.50 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	11,917 ft	65.37	ASPHALT	843 ft	72 ft
	45 m	3,632 m	63.37		257 m	22 m
25R	148 ft	11,917 ft	245.41	ASPHALT	981 ft	0 ft
	45 m	3,632 m	243.41		299 m	0 m
07R	148 ft	10,522 ft	69.88	ASPHALT	407 ft	0 ft
	45 m	3,207 m	67.87		124 m	0 m
25L	148 ft	10,522 ft	249.91	ASPHALT	0 ft	13 ft
	45 m	3,207 m	247.90		0 m	4 m
01	164 ft	9,810 ft	14.44	ASPHALT	157 ft	0 ft
	50 m	2,990 m	12.44		48 m	0 m
19	164 ft	9,810 ft	194.45	ASPHALT	722 ft	43 ft
	50 m	2,990 m	192.44		220 m	13 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	DME	IBX	109.90 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
19	DME	IBM	111.15 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
25R	DME	IBR	108.90 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
01	LOC-ILS	IBX	109.90 MHz	18 nm	14.45	-	184 ft
				33 km	12.45		184 m
19	LOC-ILS	IBM	111.15 MHz	18 nm	194.45	-	184 ft
				33 km	192.45		184 m
25L	LOC-ILS	IBL	110.35 MHz	18 nm	249.89	-	184 ft
				33 km	247.89		184 m
25R	LOC-ILS	IBR	108.90 MHz	18 nm	245.39	-	184 ft
				33 km	243.39		184 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	GS	IBX	109.90 MHz	10 nm	14.45	3.00	184 ft
				19 km	12.45		184 m
19	GS	IBM	111.15 MHz	10 nm	194.45	3.00	184 ft
				19 km	192.45		184 m
25L	GS	IBL	110.35 MHz	10 nm	249.89	3.00	184 ft
				19 km	247.89		184 m
25R	GS	IBR	108.90 MHz	10 nm	245.39	3.00	184 ft
				19 km	243.39		184 m