

# OTHH

Hamad Intl

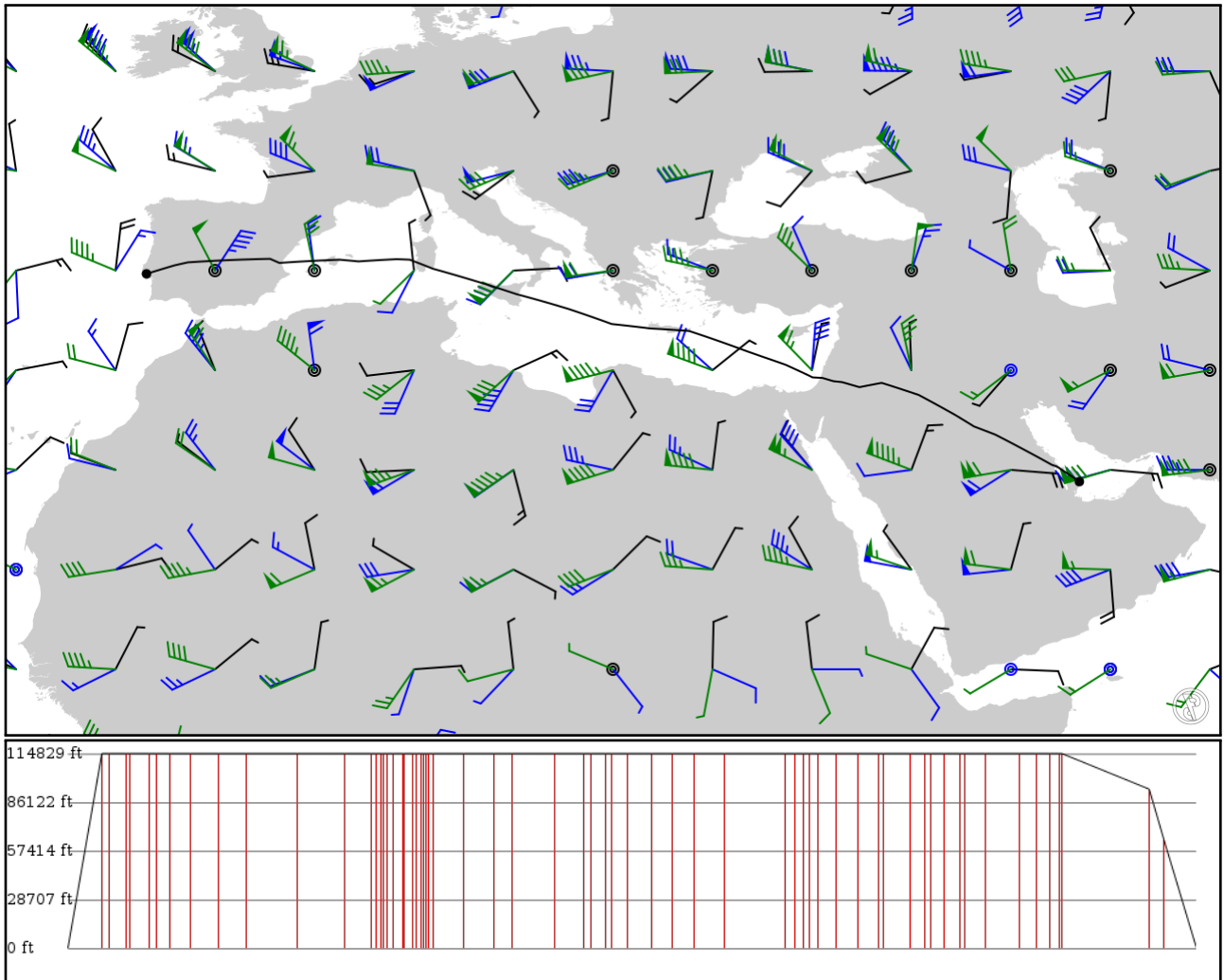
# LPPT

Lisbon Humberto Delgado

2024/05/28 0154Z

OTHH DHA **B419** KFA **M691** ITIXI **V45** HFR **UL768** AAR **V45** TRF **R652** GRY **N318** MOUAB TALMI **J10S** BGN **H1**  
PURLA **H1B** SUVAS **UL53** KAROL **UA14** KAVOS **UM1** SIT **UM978** DEMAG **UQ789** ORTAP **Q789** NOTRI **M871** XATOS **UM871**  
SOTAX **UN733** CDP **A33** EPAMA **UN733** WALLY **UQ900** OBIPA **B60** PORTA LPPT

3192.65 nm / 5912.79 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		
DHA	-	26.26080	35,000 ft	99	DHAHRAN
VOR	-	50.14020	10,668 m		
KFA	B419	26.36480	35,000 ft	18	KING FAHD
VOR	AWY-HI	49.81950	10,668 m		
KUSAR	M691	26.79470	35,000 ft	49	-
FIX	AWY-HI	49.03830	10,668 m		
BOROP	M691	26.88810	35,000 ft	10	-
FIX	AWY-HI	48.86750	10,668 m		
KEDAT	M691	27.36360	35,000 ft	55	-
FIX	AWY-HI	47.98360	10,668 m		
EMENI	M691	27.54280	35,000 ft	20	-
FIX	AWY-HI	47.64670	10,668 m		
ITIXI	M691	27.84190	35,000 ft	35	-
FIX	AWY-HI	47.07640	10,668 m		
HFR	V45	28.33050	35,000 ft	58	HAFR AL BATIN (AL QAISUMA)
VOR	AWY-HI	46.12950	10,668 m		
VATIM	UL768	28.86000	35,000 ft	79	-
FIX	AWY-HI	44.74530	10,668 m		
RAF	UL768	29.62020	35,000 ft	79	RAFHA
VOR	AWY-HI	43.49800	10,668 m		
AAR	UL768	30.90800	35,000 ft	144	ARAR
VOR	AWY-HI	41.14220	10,668 m		
TRF	V45	31.69330	35,000 ft	132	TURAIF
VOR	AWY-HI	38.73470	10,668 m		
GRY	R652	31.41260	35,000 ft	76	GURIAT
VOR	AWY-HI	37.28660	10,668 m		
GENEX	N318	31.49310	35,000 ft	14	-
FIX	AWY-HI	37.01440	10,668 m		
ELOXI	N318	31.56690	35,000 ft	13	-
FIX	AWY-HI	36.75950	10,668 m		
KINUR	N318	31.60720	35,000 ft	7	-
FIX	AWY-HI	36.62020	10,668 m		
ALNOR	N318	31.66530	35,000 ft	10	-
FIX	AWY-HI	36.41880	10,668 m		
QAA01	N318	31.73980	35,000 ft	14	-
FIX	AWY-HI	36.15740	10,668 m		
MOUAB	N318	31.79940	35,000 ft	28	-
FIX	AWY-HI	35.59970	10,668 m		
TALMI	-	31.82670	35,000 ft	5	-
FIX	-	35.50390	10,668 m		
ADDVA	J10S	31.95310	35,000 ft	22	-
FIX	AWY-HI	35.07920	10,668 m		
BGN	J10S	32.01310	35,000 ft	10	BEN GURION (TEL AVIV)
VOR	AWY-HI	34.87540	10,668 m		
DEENA	H1	32.02630	35,000 ft	11	-
FIX	AWY-HI	34.64050	10,668 m		
BOAZZ	H1	32.03250	35,000 ft	5	-
FIX	AWY-HI	34.52310	10,668 m		
TIBBI	H1	32.04140	35,000 ft	7	-
FIX	AWY-HI	34.37030	10,668 m		
PURLA	H1	32.04890	35,000 ft	7	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	34.22970	10,668 m		
SUVAS	H1B	32.16940	35,000 ft	14	-
FIX	AWY-HI	33.99250	10,668 m		
KAROL	UL53	32.86670	35,000 ft	87	-
FIX	AWY-HI	32.48330	10,668 m		
EVORA	UA14	33.40000	35,000 ft	83	-
FIX	AWY-HI	30.95000	10,668 m		
KAVOS	UA14	33.73330	35,000 ft	51	-
FIX	AWY-HI	30.00000	10,668 m		
GUDIS	UM1	34.53560	35,000 ft	121	-
FIX	AWY-HI	27.76610	10,668 m		
SIT	UM1	35.06840	35,000 ft	84	SITIA
VOR	AWY-HI	26.18910	10,668 m		
AMAXI	UM978	35.09780	35,000 ft	20	-
FIX	AWY-HI	25.78280	10,668 m		
OTREX	UM978	35.15440	35,000 ft	41	-
FIX	AWY-HI	24.93890	10,668 m		
TIPUS	UM978	35.17360	35,000 ft	14	-
FIX	AWY-HI	24.63560	10,668 m		
PLH	UM978	35.22760	35,000 ft	46	PALEOCHORA
VOR	AWY-HI	23.68080	10,668 m		
EBOKA	UM978	35.38750	35,000 ft	66	-
FIX	AWY-HI	22.34810	10,668 m		
DEMAG	UM978	35.51810	35,000 ft	58	-
FIX	AWY-HI	21.15330	10,668 m		
NIMAN	UQ789	35.93110	35,000 ft	61	-
FIX	AWY-HI	19.99860	10,668 m		
ORTAP	UQ789	36.50000	35,000 ft	87	-
FIX	AWY-HI	18.33330	10,668 m		
NOTRI	Q789	37.45610	35,000 ft	171	-
FIX	AWY-HI	14.96940	10,668 m		
LIBRO	M871	37.62140	35,000 ft	26	-
FIX	AWY-HI	14.46470	10,668 m		
ENEPA	M871	37.77330	35,000 ft	23	-
FIX	AWY-HI	13.99940	10,668 m		
BEKIV	M871	37.87670	35,000 ft	16	-
FIX	AWY-HI	13.66810	10,668 m		
PAL	M871	38.03360	35,000 ft	25	PALERMO
VOR	AWY-HI	13.17740	10,668 m		
KAPIL	M871	38.35610	35,000 ft	53	-
FIX	AWY-HI	12.12580	10,668 m		
ADAMI	M871	38.70470	35,000 ft	59	-
FIX	AWY-HI	10.94890	10,668 m		
NEVOT	M871	39.03940	35,000 ft	58	-
FIX	AWY-HI	9.77028	10,668 m		
CAR	M871	39.11140	35,000 ft	12	CARBONARA
VOR	AWY-HI	9.50803	10,668 m		
XATOS	M871	39.69860	35,000 ft	78	-
FIX	AWY-HI	8.00000	10,668 m		
ETOIL	UM871	39.73170	35,000 ft	38	-
FIX	AWY-HI	7.16333	10,668 m		
ETEKO	UM871	39.71390	35,000 ft	16	-
FIX	AWY-HI	6.80444	10,668 m		
EDINO	UM871	39.66720	35,000 ft	39	-
FIX	AWY-HI	5.95444	10,668 m		
RISEP	UM871	39.60670	35,000 ft	44	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	4.99306	10,668 m		
SOTAX	UM871	39.58500	35,000 ft	15	-
FIX	AWY-HI	4.66667	10,668 m		
CDP	UN733	39.69770	35,000 ft	57	CAPDEPERA
VOR	AWY-HI	3.43436	10,668 m		
EPAMA	A33	39.60310	35,000 ft	95	-
FIX	AWY-LO	1.38038	10,668 m		
ARGOR	UN733	39.53860	35,000 ft	50	-
FIX	AWY-HI	0.29872	10,668 m		
VLC	UN733	39.48560	35,000 ft	36	VALENCIA
VOR	AWY-HI	-0.48306	10,668 m		
CLS	UN733	39.70720	35,000 ft	26	CALLES (VALENCIA)
VOR	AWY-HI	-0.98633	10,668 m		
WALLY	UN733	39.75430	35,000 ft	5	-
FIX	AWY-HI	-1.09431	10,668 m		
OBIPA	UQ900	39.52450	28,600 ft	247	-
FIX	AWY-HI	-6.43472	8,717 m		
PORTA	B60	39.33010	19,600 ft	41	-
FIX	AWY-LO	-7.30258	5,974 m		
LPPT	-	38.77850	0 ft	91	Lisbon Humberto Delgado
APT	-	-9.13528	0 m		

## OTHH

Region: QATAR  
Timezone: UNKNOWN  
Runways: 2

Elevation: 13 ft / 4 m  
Location: 25.274500 51.607700  
Magnetic Var: 2.776 E

## METAR

OTHH 280100Z AUTO 31018KT CAVOK 31/18 Q1003 NOSIG

## TAF

TAF OTHH 271700Z 2718/2824 33013KT 8000 NSC TEMPO 2807/2815 33018G28KT

## 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	335.51		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	155.51		13 m
16R	LOC-ILS	QAT	108.10 MHz	18 nm	158.28	-	13 ft
				33 km	155.50		13 m
34L	LOC-ILS	HJJ	111.90 MHz	18 nm	338.28	-	13 ft
				33 km	335.50		13 m
34R	LOC-ILS	AZM	110.10 MHz	18 nm	338.29	-	13 ft
				33 km	335.51		13 m
16L	GS	IDE	108.70 MHz	10 nm	158.29	3.00	13 ft
				19 km	155.51		13 m
16R	GS	QAT	108.10 MHz	10 nm	158.28	3.00	13 ft
				19 km	155.50		13 m
34L	GS	HJJ	111.90 MHz	10 nm	338.28	3.00	13 ft
				19 km	335.50		13 m
34R	GS	AZM	110.10 MHz	10 nm	338.29	3.00	13 ft
				19 km	335.51		13 m

## LPPT

Region: PORTUGAL  
Timezone: EUROPE/LISBON  
Runways: 2

Elevation: 374 ft / 114 m  
Location: 38.778800 -9.135190  
Magnetic Var: 1.563 W

## METAR

LPPT 280130Z 33013KT CAVOK 14/11 Q1018

## TAF

TAF LPPT 272300Z 2800/2906 35010KT CAVOK BECMG 2815/2817 33015KT PROB30 TEMPO 2817/2821 33017G27KT BECMG 2821/2823 35010KT CAVOK

## Frequencies

REC - 121.95 MHz - ATIS	REC - 124.15 MHz - ATIS
TWR - 118.10 MHz - LISBOA TOWER	TWR - 118.50 MHz - LISBOA TOWER
GND - 121.75 MHz - LISBOA GROUND	CLD - 118.95 MHz - CLEARANCE DELIVERY
APP - 119.10 MHz - LISBOA APPROACH	APP - 119.55 MHz - LISBOA APPROACH
APP - 125.35 MHz - LISBOA ARRIVAL	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	148 ft	12,505 ft	22.65	ASPHALT	302 ft	0 ft
	45 m	3,812 m	24.21		92 m	0 m
21	148 ft	12,505 ft	202.66	ASPHALT	1,965 ft	0 ft
	45 m	3,812 m	204.22		599 m	0 m
17	148 ft	7,612 ft	168.14	ASPHALT	0 ft	0 ft
	45 m	2,320 m	169.70		0 m	0 m
35	148 ft	7,612 ft	348.14	ASPHALT	194 ft	299 ft
	45 m	2,320 m	349.71		59 m	91 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	DME	ILI	109.10 MHz	18 nm	-	-	419 ft
				33 km	-		419 m
21	DME	ILB	109.50 MHz	18 nm	-	-	423 ft
				33 km	-		423 m
03	LOC-ILS	ILI	109.10 MHz	18 nm	22.66	-	374 ft
				33 km	24.22		374 m
21	LOC-ILS	ILB	109.50 MHz	18 nm	202.59	-	335 ft
				33 km	204.15		335 m
03	GS	ILI	109.10 MHz	10 nm	22.66	3.00	374 ft
				19 km	24.22		374 m
21	GS	ILB	109.50 MHz	10 nm	203.42	3.00	423 ft
				19 km	204.98		423 m