

# EDDF

Frankfurt am Main

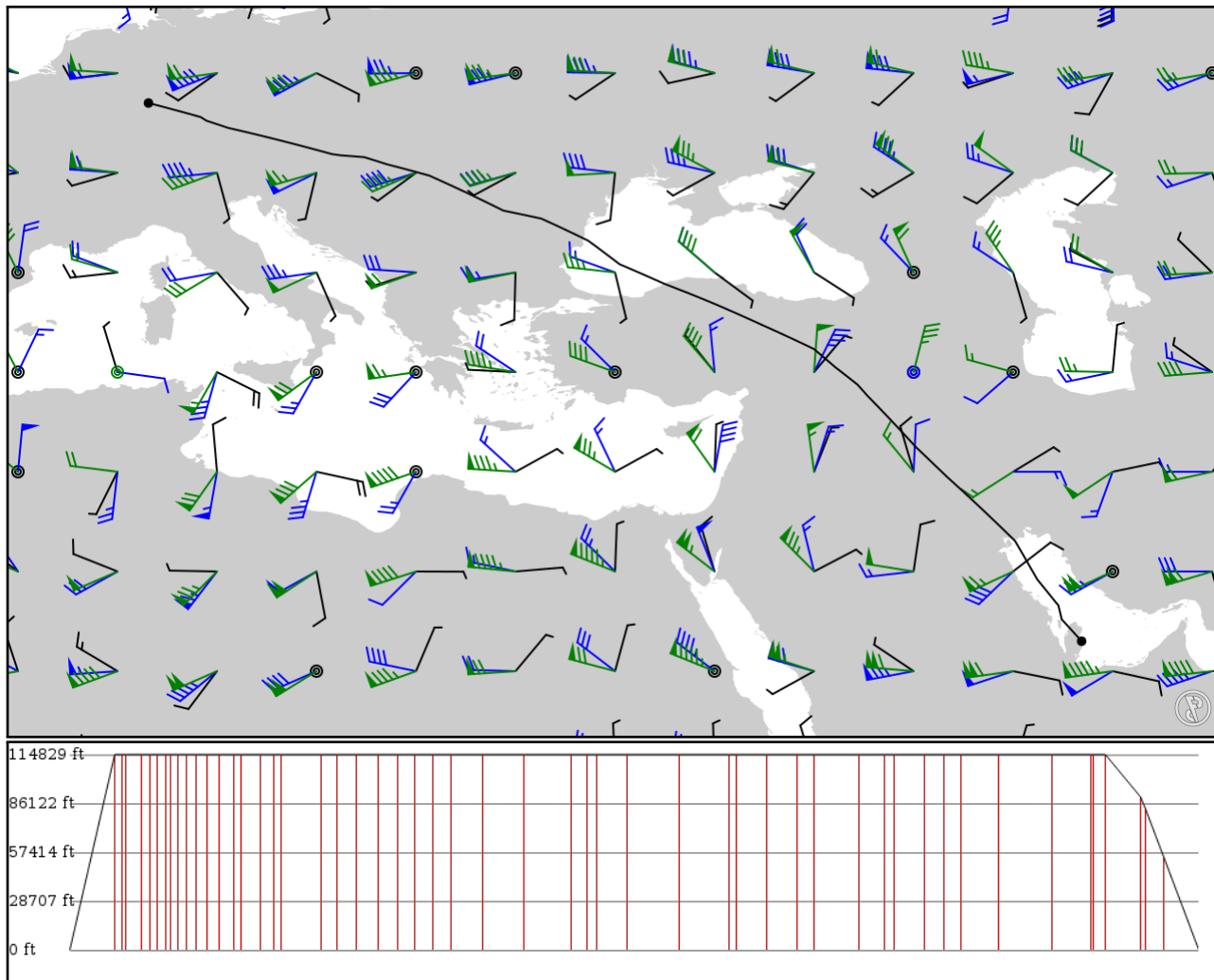
# OTBD

DOHA INTL

2024/05/29 0315Z

EDDF INBED **L610** ABETI **Y50** TORNO **Y34** DODAR **L850** BUDOP **UL602** EVRIK **L602** NEPOT **T705** ENIMA **T85** BALBI  
**UT85** VEVIN **T99** DINRO **UL601** ODERO **P975** EZS **UP975** NOLDO **P975** SIDAD **UP975** BAH OTBD

2508.82 nm / 4646.34 km



## Notes

Basic altitude profile:

- Ascent Rate: 2400ft/min
- Ascent Speed: 275kts
- Cruise Altitude: 35000ft
- Cruise Speed: 500kts
- Descent Rate: 2500ft/min
- Descent Speed: 275kts

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
EDDF	-	50.03260	0 ft	-	Frankfurt am Main
APT	-	8.54064	0 m		
INBED	-	49.38750	35,000 ft	100	-
FIX	-	10.94167	10,668 m		
ALB	L610	49.21437	35,000 ft	15	ALLERSBERG VOR-DME
VOR	AWY-LO	11.22144	10,668 m		
UNKUL	L610	49.13722	35,000 ft	10	-
FIX	AWY-LO	11.45972	10,668 m		
MAMOR	L610	48.88583	35,000 ft	33	-
FIX	AWY-LO	12.22222	10,668 m		
STAUB	L610	48.78583	35,000 ft	18	-
FIX	AWY-LO	12.65806	10,668 m		
GONBA	L610	48.68778	35,000 ft	17	-
FIX	AWY-LO	13.07583	10,668 m		
RENKA	L610	48.58484	35,000 ft	18	-
FIX	AWY-LO	13.50522	10,668 m		
PABSA	L610	48.52827	35,000 ft	9	-
FIX	AWY-LO	13.73814	10,668 m		
FRE	L610	48.43178	35,000 ft	16	FREISTADT VOR-DME
VOR	AWY-LO	14.12983	10,668 m		
MOTIX	L610	48.31850	35,000 ft	19	-
FIX	AWY-LO	14.58564	10,668 m		
LUGIM	L610	48.18562	35,000 ft	22	-
FIX	AWY-LO	15.10902	10,668 m		
TAGAS	L610	48.04399	35,000 ft	23	-
FIX	AWY-LO	15.65397	10,668 m		
SNU	L610	47.87488	35,000 ft	27	SOLLENAU VOR-DME
VOR	AWY-LO	16.28844	10,668 m		
ABETI	L610	47.67771	35,000 ft	31	-
FIX	AWY-LO	17.01284	10,668 m		
TEKNO	Y50	47.62377	35,000 ft	16	-
FIX	AWY-LO	17.40891	10,668 m		
TORNO	Y50	47.53977	35,000 ft	44	-
FIX	AWY-LO	18.49012	10,668 m		
BALUX	Y34	47.34090	35,000 ft	28	-
FIX	AWY-LO	19.12955	10,668 m		
DODAR	Y34	47.21454	35,000 ft	17	-
FIX	AWY-LO	19.52753	10,668 m		
BUDOP	L850	46.68738	35,000 ft	86	-
FIX	AWY-LO	21.49666	10,668 m		
EVRIK	UL602	46.35190	35,000 ft	36	-
FIX	AWY-HI	22.24225	10,668 m		
NEPOT	L602	45.96030	35,000 ft	42	-
FIX	AWY-LO	23.08808	10,668 m		
EPUKI	T705	45.49351	35,000 ft	49	-
FIX	AWY-LO	24.06413	10,668 m		
ENIMA	T705	45.07951	35,000 ft	43	-
FIX	AWY-LO	24.90251	10,668 m		
BALBI	T85	44.90509	35,000 ft	37	-
FIX	AWY-LO	25.75403	10,668 m		
VEVIN	UT85	44.71310	35,000 ft	39	-
FIX	AWY-HI	26.65196	10,668 m		
AGNAR	T99	44.35323	35,000 ft	39	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	27.43651	10,668 m		
DINRO	T99	43.70000	35,000 ft	71	-
FIX	AWY-LO	28.80833	10,668 m		
ODERO	UL601	42.61056	35,000 ft	91	-
FIX	AWY-HI	30.26444	10,668 m		
HAKAN	P975	41.72333	35,000 ft	105	-
FIX	AWY-LO	32.29833	10,668 m		
TEPKI	P975	41.45333	35,000 ft	35	-
FIX	AWY-LO	32.99278	10,668 m		
ORMAN	P975	41.29056	35,000 ft	21	-
FIX	AWY-LO	33.41194	10,668 m		
ERGUN	P975	40.74639	35,000 ft	68	-
FIX	AWY-LO	34.73889	10,668 m		
SIV	P975	39.78944	35,000 ft	114	SIVAS NDB
NDB	AWY-LO	36.89333	10,668 m		
ARPUT	P975	38.84556	35,000 ft	110	-
FIX	AWY-LO	38.94056	10,668 m		
EZS	P975	38.70694	35,000 ft	15	ELAZIG VOR-DME
VOR	AWY-LO	39.22444	10,668 m		
DYB	UP975	37.87083	35,000 ft	68	DIYARBAKIR NDB
NDB	AWY-HI	40.20861	10,668 m		
LESRI	UP975	37.07222	35,000 ft	68	-
FIX	AWY-HI	41.23028	10,668 m		
KANOK	UP975	36.56515	35,000 ft	37	-
FIX	AWY-HI	41.68316	10,668 m		
GETID	UP975	35.26406	35,000 ft	99	-
FIX	AWY-HI	42.93303	10,668 m		
LOPAS	UP975	34.50096	35,000 ft	57	-
FIX	AWY-HI	43.64288	10,668 m		
SOGUM	UP975	34.20333	35,000 ft	22	-
FIX	AWY-HI	43.91500	10,668 m		
ETBOM	UP975	33.36048	35,000 ft	67	-
FIX	AWY-HI	44.79793	10,668 m		
NOLDO	UP975	32.82567	35,000 ft	42	-
FIX	AWY-HI	45.35817	10,668 m		
DENKI	P975	32.37457	35,000 ft	36	-
FIX	AWY-LO	45.85599	10,668 m		
ILMAP	P975	31.35917	35,000 ft	82	-
FIX	AWY-LO	46.95056	10,668 m		
SIDAD	P975	29.87528	35,000 ft	119	-
FIX	AWY-LO	48.49556	10,668 m		
IMDOX	UP975	28.58194	35,000 ft	87	-
FIX	AWY-HI	49.24389	10,668 m		
LONOS	UP975	28.50750	35,000 ft	5	-
FIX	AWY-HI	49.28694	10,668 m		
DETKO	UP975	28.09722	35,000 ft	27	-
FIX	AWY-LO	49.52500	10,668 m		
GASSI	UP975	27.04917	27,400 ft	77	-
FIX	AWY-LO	50.37472	8,352 m		
TOLMO	UP975	26.91778	25,300 ft	10	-
FIX	AWY-LO	50.49083	7,711 m		
BAH	UP975	26.26419	16,700 ft	40	BAHRAIN VOR-DME
VOR	AWY-LO	50.64885	5,090 m		
OTBD	-	25.26106	0 ft	78	DOHA INTL
APT	-	51.56500	0 m		

## EDDF

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 4

Elevation: 362 ft / 110 m  
Location: 50.032600 8.540670  
Magnetic Var: 3.180 E

## METAR

EDDF 290250Z AUTO 16006KT 9999 FEW024 BKN039 13/12 Q1015 RESHRA NOSIG

## TAF

TAF TAF EDDF 282300Z 2900/3006 19005KT 9999 SCT040 BECMG 2900/2903 BKN040 TEMPO 2904/2908 RA BECMG 2906/2909 2201

## Frequencies

REC - 118.02 MHz - ATIS ARRIVAL  
GND - 121.80 MHz - GROUND  
GND - 121.70 MHz - APRON RAMP/TAXI  
GND - 121.85 MHz - APRON RAMP/TAXI  
TWR - 118.77 MHz - TOWER  
TWR - 124.85 MHz - TOWER  
TWR - 136.50 MHz - TOWER  
APP - 127.27 MHz - FRANKFURT DIRECT  
APP - 125.35 MHz - LANGEN RADAR  
APP - 120.80 MHz - LANGEN RADAR  
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE  
GND - 121.65 MHz - APRON RAMP/TAXI  
GND - 121.95 MHz - APRON RAMP/TAXI  
GND - 121.75 MHz - APRON RAMP/TAXI  
TWR - 119.90 MHz - TOWER  
TWR - 127.32 MHz - TOWER  
CLD - 121.90 MHz - CLEARANCE DELIVERY  
APP - 118.50 MHz - FRANKFURT DIRECT  
APP - 126.55 MHz - LANGEN RADAR  
APP - 120.15 MHz - LANGEN RADAR  
APP - 119.02 MHz - LANGEN RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	9,194 ft	69.56	CONCRETE	0 ft	0 ft
	45 m	2,802 m	66.38		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.41		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.39		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.43		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.41		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.45		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.46		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.46		0 m	37 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm	-	-	357 ft
				33 km	-		357 m
25C	DME	IFCW	111.55 MHz	18 nm	-	-	364 ft
				33 km	-		364 m
25R	DME	IFNW	111.35 MHz	18 nm	-	-	357 ft
				33 km	-		357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.41		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.40		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.43		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.41		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.43		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.40		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.41		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.40		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.43		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.41		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.43		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.40		362 m

## OTBD

Region: QATAR  
Timezone: ASIA/QATAR  
Runways: 1

Elevation: 37 ft / 11 m  
Location: 25.261100 51.565100  
Magnetic Var: 2.779 E

## METAR

OTBD 290300Z 32011G21KT CAVOK 35/14 Q1002 NOSIG

## TAF

TAF OTBD 282300Z 2900/3006 32013KT 8000 NSC TEMPO 2905/2912 01018G28KT

## Frequencies

REC - 126.45 MHz - ATIS  
TWR - 118.65 MHz -  
APP - 121.10 MHz -  
TWR - 121.80 MHz - GND  
TWR - 118.90 MHz -  
APP - 119.40 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	151 ft	15,014 ft	158.21	ASPHALT	2,461 ft	0 ft
	46 m	4,576 m	155.43		750 m	0 m
33	151 ft	15,014 ft	338.21	ASPHALT	0 ft	459 ft
	46 m	4,576 m	335.44		0 m	140 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
33	DME	IBD	109.50 MHz	18 nm	-	-	35 ft
				33 km	-		35 m
15	LOC-ILS	AMD	108.50 MHz	18 nm	158.21	-	37 ft
				33 km	155.43		37 m
33	LOC-ILS	IBD	109.50 MHz	18 nm	338.21	-	37 ft
				33 km	335.43		37 m
15	GS	AMD	108.50 MHz	10 nm	158.21	3.00	37 ft
				19 km	155.43		37 m
33	GS	IBD	109.50 MHz	10 nm	338.21	3.00	35 ft
				19 km	335.43		35 m