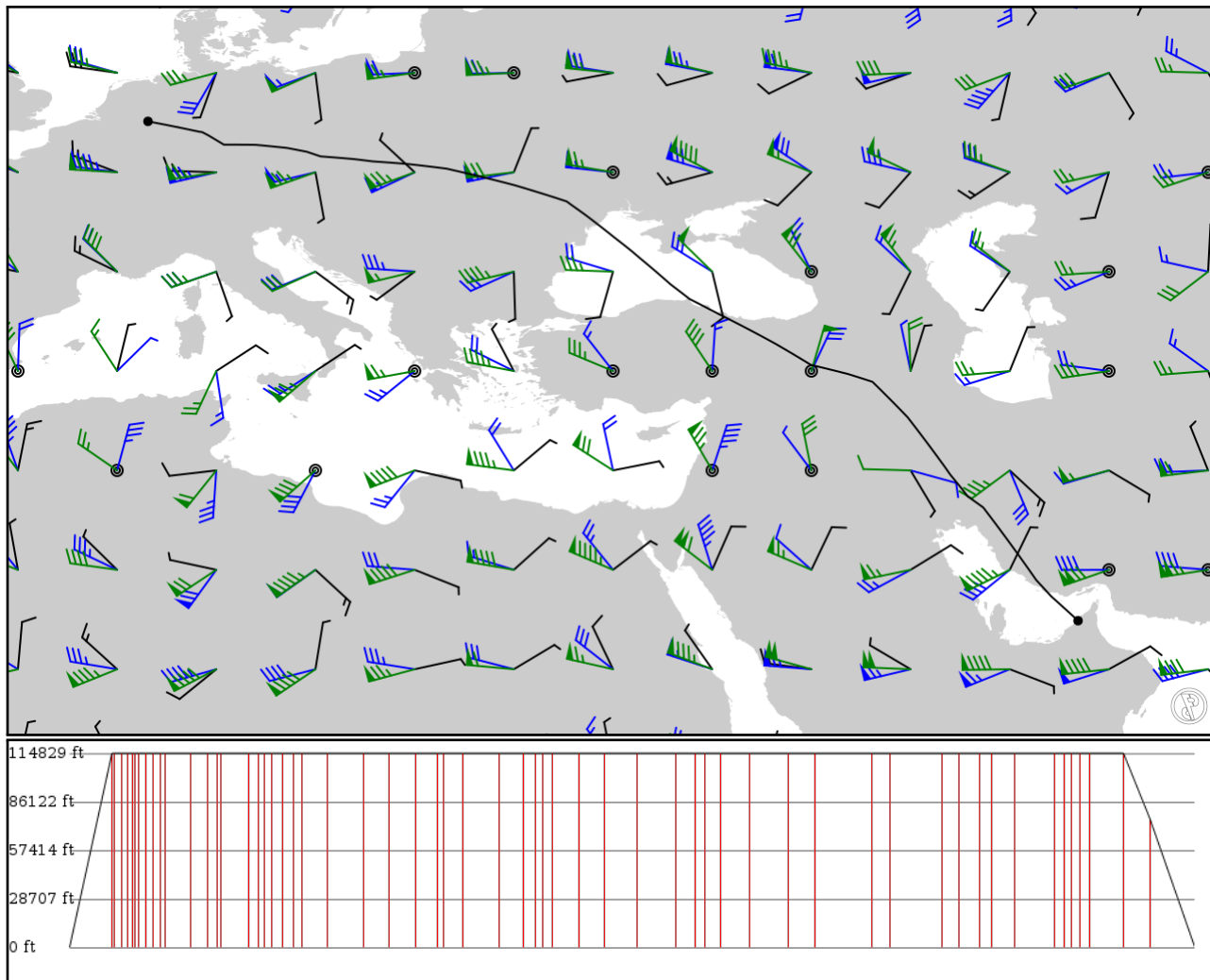


2024/05/05 0653Z

EDDL SOPOX **Z52** MASEK **UL604** SULUS **UL984** OKG **L726** BODAL **P27** MALBE **N190** NETED **M860** KUGOS **UM860** CRM
UM688 BAYIR **UT888** ALRAM **UT36** KRD KRD **UT36** IMKEN **W3** KIXOB **UL223** EGSIR **T217** LAM **UL223** KIS OMDB

2766.64 nm / 5123.82 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
EDDL	-	51.28940	0 ft	-	Dusseldorf
APT	-	6.76662	0 m		
SOPOX	-	50.75170	35,000 ft	105	-
FIX	-	9.43333	10,668 m		
MASEK	Z52	50.72920	35,000 ft	6	-
FIX	AWY-LO	9.59833	10,668 m		
DEMAB	UL604	50.54110	35,000 ft	17	-
FIX	AWY-HI	9.95583	10,668 m		
ALIBU	UL604	50.37720	35,000 ft	14	-
FIX	AWY-HI	10.23030	10,668 m		
GORKO	UL604	50.22440	35,000 ft	13	-
FIX	AWY-HI	10.48390	10,668 m		
DIMSU	UL604	50.16690	35,000 ft	5	-
FIX	AWY-HI	10.57860	10,668 m		
SULUS	UL604	50.07520	35,000 ft	7	-
FIX	AWY-HI	10.72880	10,668 m		
LONLI	UL984	50.07470	35,000 ft	19	-
FIX	AWY-HI	11.22640	10,668 m		
KULOK	UL984	50.07280	35,000 ft	15	-
FIX	AWY-HI	11.63050	10,668 m		
ABERU	UL984	50.06920	35,000 ft	17	-
FIX	AWY-HI	12.09370	10,668 m		
OKG	UL984	50.06510	35,000 ft	12	CHEB
VOR	AWY-HI	12.40570	10,668 m		
ELMEK	L726	49.90390	35,000 ft	63	-
FIX	AWY-HI	14.02990	10,668 m		
VLM	L726	49.70430	35,000 ft	41	VLASIM
VOR	AWY-HI	15.06670	10,668 m		
OSNEK	L726	49.51320	35,000 ft	25	-
FIX	AWY-HI	15.63800	10,668 m		
BODAL	L726	49.46410	35,000 ft	6	-
FIX	AWY-HI	15.78270	10,668 m		
HLV	P27	49.32290	35,000 ft	68	HOLESOV
NDB	AWY-HI	17.52840	10,668 m		
MAKAL	P27	49.24600	35,000 ft	25	-
FIX	AWY-LO	18.16570	10,668 m		
ZLA	P27	49.20290	35,000 ft	13	ZILINA
NDB	AWY-LO	18.51050	10,668 m		
RUTKI	P27	49.17330	35,000 ft	16	-
FIX	AWY-LO	18.94010	10,668 m		
LIPMU	P27	49.12310	35,000 ft	26	-
FIX	AWY-LO	19.62310	10,668 m		
PPD	P27	49.06470	35,000 ft	28	TATRY
VOR	AWY-LO	20.35010	10,668 m		
UDREL	P27	49.01030	35,000 ft	19	-
FIX	AWY-LO	20.83610	10,668 m		
MALBE	P27	48.82390	35,000 ft	61	-
FIX	AWY-HI	22.37500	10,668 m		
BANUV	N190	48.32330	35,000 ft	89	-
FIX	AWY-HI	24.50060	10,668 m		
BUKOV	N190	47.95170	35,000 ft	62	-
FIX	AWY-HI	25.95830	10,668 m		
DOBOK	N190	47.49330	35,000 ft	66	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	27.46940	10,668 m		
NETED	N190	47.11440	35,000 ft	53	-
FIX	AWY-HI	28.64920	10,668 m		
KIV	M860	46.92600	35,000 ft	15	CHISINAU
VOR	AWY-HI	28.90450	10,668 m		
ANEDO	M860	46.36330	35,000 ft	46	-
FIX	AWY-HI	29.69190	10,668 m		
DIGAM	M860	45.25830	35,000 ft	89	-
FIX	AWY-HI	31.11170	10,668 m		
BOMKI	M860	44.53500	35,000 ft	58	-
FIX	AWY-HI	32.03000	10,668 m		
NEVKA	M860	44.15750	35,000 ft	29	-
FIX	AWY-HI	32.47640	10,668 m		
TUNSA	M860	43.92330	35,000 ft	18	-
FIX	AWY-HI	32.75830	10,668 m		
ABRAN	M860	43.61720	35,000 ft	24	-
FIX	AWY-HI	33.12220	10,668 m		
KUGOS	M860	42.78060	35,000 ft	65	-
FIX	AWY-HI	34.08780	10,668 m		
SIN	UM860	42.02230	35,000 ft	63	SINOP
VOR	AWY-HI	35.07680	10,668 m		
CRM	UM860	41.26550	35,000 ft	80	CARSAMBA (SAMSUN)
VOR	AWY-HI	36.54890	10,668 m		
GULRA	UM688	40.37970	35,000 ft	94	-
FIX	AWY-HI	38.27940	10,668 m		
INTAB	UM688	39.94060	35,000 ft	46	-
FIX	AWY-HI	39.10190	10,668 m		
ERN	UM688	39.70840	35,000 ft	24	ERZINCAN
VOR	AWY-HI	39.52930	10,668 m		
EVSAS	UM688	39.32470	35,000 ft	38	-
FIX	AWY-HI	40.18860	10,668 m		
BAYIR	UM688	38.59470	35,000 ft	71	-
FIX	AWY-HI	41.40390	10,668 m		
ULKEM	UT888	38.11060	35,000 ft	96	-
FIX	AWY-HI	43.36470	10,668 m		
ALRAM	UT888	37.70830	35,000 ft	64	-
FIX	AWY-HI	44.62670	10,668 m		
ENEDA	UT36	35.86970	35,000 ft	141	-
FIX	AWY-HI	46.45500	10,668 m		
NOLTO	UT36	35.24310	35,000 ft	44	-
FIX	AWY-HI	46.93970	10,668 m		
KRD	UT36	33.43510	35,000 ft	127	KHORAM ABAD VOR-DME
DME	AWY-HI	48.28910	10,668 m		
KRD	-	33.43420	35,000 ft	0	KHORAM ABAD
VOR	-	48.29190	10,668 m		
DAPEM	UT36	32.85720	35,000 ft	40	-
FIX	AWY-HI	48.69970	10,668 m		
NAGRO	UT36	32.17080	35,000 ft	50	-
FIX	AWY-HI	49.26330	10,668 m		
IMKEN	UT36	31.73530	35,000 ft	31	-
FIX	AWY-HI	49.60310	10,668 m		
KIXOB	W3	31.15470	35,000 ft	54	-
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	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
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	-
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
VOR	AWY-HI	53.96240	7,041 m		
OMDB	-	25.25110	0 ft	107	Dubai Intl
APT	-	55.37110	0 m		

EDDL

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 145 ft / 44 m
Location: 51.289400 6.766620
Magnetic Var: 2.675 E

METAR

EDDL 050620Z AUTO 22011KT 9999 SCT010 BKN016 OVC030 11/09 Q1009 TEMPO BKN014

TAF

TAF AMD EDDL 050338Z 0503/0606 23009KT 9999 BKN006 BECMG 0503/0506 SCT008 BKN020 TEMPO 0504/0508 BKN012 BECMG 0510/0512 BKN014

Frequencies

REC - 123.77 MHz - ATIS	CLD - 121.77 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - GROUND	GND - 121.60 MHz - GROUND
GND - 121.67 MHz - GROUND	TWR - 118.30 MHz - TOWER
TWR - 124.35 MHz - TOWER	APP - 128.55 MHz - LANGEN RADAR
APP - 121.35 MHz - LANGEN RADAR	APP - 128.50 MHz - LANGEN RADAR
APP - 128.65 MHz - DUSSELDORF DIRECTOR	DEP - 133.77 MHz - DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft	9,851 ft	52.68	CONCRETE	984 ft	659 ft
	45 m	3,003 m	50.00		300 m	201 m
23L	148 ft	9,851 ft	232.71	CONCRETE	984 ft	702 ft
	45 m	3,003 m	230.03		300 m	214 m
05L	148 ft	8,866 ft	52.68	CONCRETE	994 ft	906 ft
	45 m	2,702 m	50.00		303 m	276 m
23R	148 ft	8,866 ft	232.70	CONCRETE	971 ft	928 ft
	45 m	2,702 m	230.02		296 m	283 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	LOC-ILS	IDNE	110.95 MHz	18 nm	52.69	-	145 ft
				33 km	50.01		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.02		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.02		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.01		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.01		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.02		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.02		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.01		145 m

OMDB

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

Elevation: 62 ft / 19 m
Location: 25.251100 55.371100
Magnetic Var: 2.352 E

METAR

OMDB 050600Z 34008KT 300V030 CAVOK 35/16 Q1009 NOSIG

TAF

TAF OMDB 050500Z 0506/0612 07005KT 8000 NSC BECMG 0506/0508 30010KT BECMG 0515/0517 12005KT PROB30 0600/0604 4000

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	119.18		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