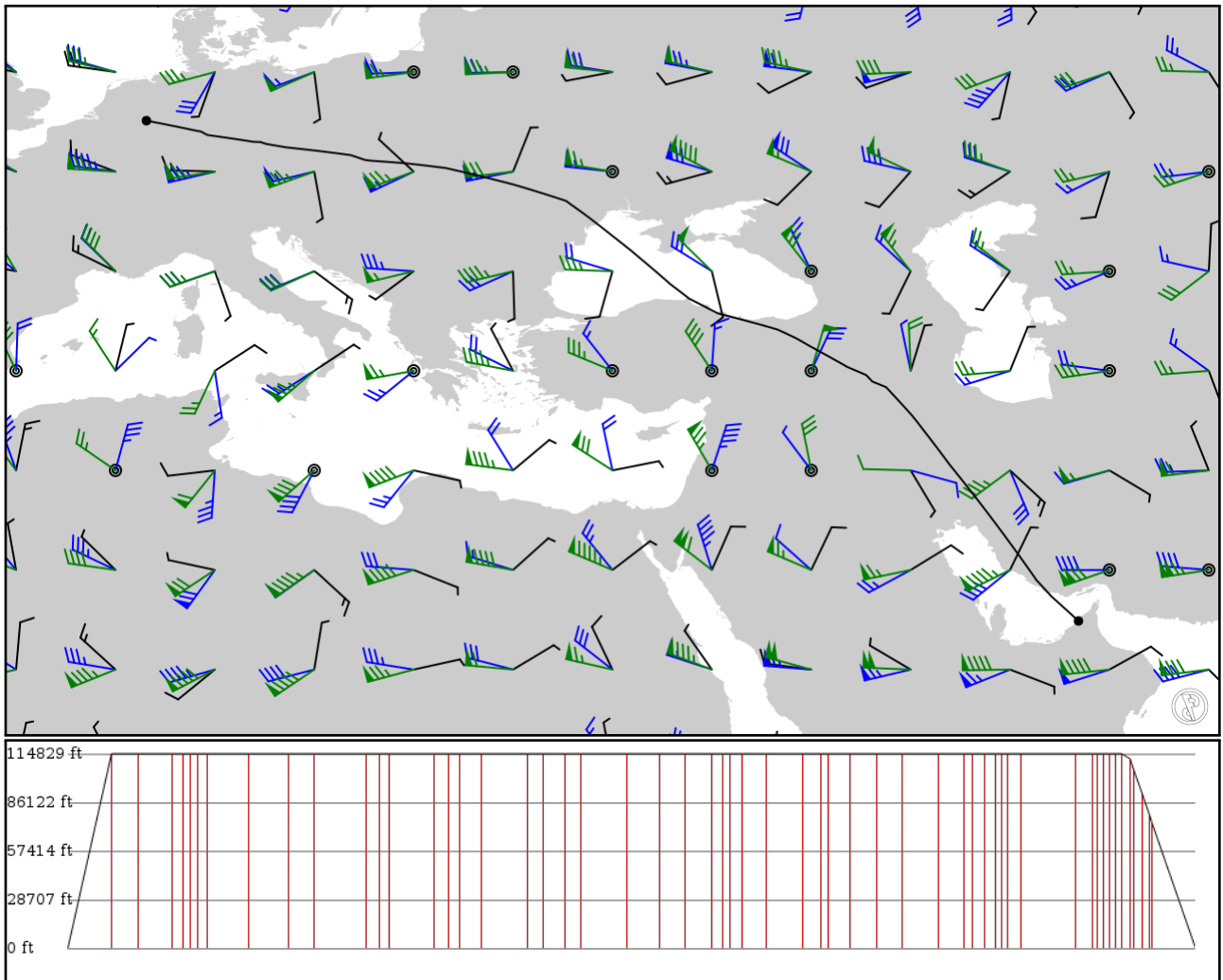


2024/05/02 1040Z

OMDB KIS **UL223** LAM **T217** EGSIR **UL223** KAPES **J5** ALRAM BONAM **UT366** SONAD **UL746** CRM **UM860** KUGOS **M860**  
NETED **N190** MALBE **P27** MAKAL **L624** LABUK **Y444** ELMEK **L602** SOPGA **T170** RAPET **T843** DEMAB **UL604** MASEK **Z52**  
SOPOX EDDL

2758.63 nm / 5108.99 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
OMDB	-	25.25110	0 ft	-	Dubai Intl
APT	-	55.37110	0 m		
KIS	-	26.52520	35,000 ft	107	KISH ISLAND
VOR	-	53.96240	10,668 m		
LAM	UL223	27.37280	35,000 ft	65	LAMERD
VOR	AWY-HI	53.18400	10,668 m		
LAGSA	T217	28.55170	35,000 ft	83	-
FIX	AWY-HI	52.34890	10,668 m		
DASDO	T217	28.90030	35,000 ft	24	-
FIX	AWY-HI	52.09750	10,668 m		
TOTNO	T217	29.18110	35,000 ft	19	-
FIX	AWY-HI	51.89330	10,668 m		
RUBAK	T217	29.43810	35,000 ft	18	-
FIX	AWY-HI	51.70500	10,668 m		
EGSIR	T217	29.77080	35,000 ft	23	-
FIX	AWY-HI	51.45970	10,668 m		
KIXOB	UL223	31.15470	35,000 ft	99	-
FIX	AWY-HI	50.41640	10,668 m		
ALTAX	UL223	32.50390	35,000 ft	97	-
FIX	AWY-HI	49.36170	10,668 m		
UKSIS	UL223	33.36640	35,000 ft	62	-
FIX	AWY-HI	48.66720	10,668 m		
TUKLO	UL223	35.17060	35,000 ft	127	-
FIX	AWY-HI	47.29750	10,668 m		
TAVNI	UL223	35.63530	35,000 ft	32	-
FIX	AWY-HI	46.94190	10,668 m		
REXAN	UL223	35.98060	35,000 ft	24	-
FIX	AWY-HI	46.65970	10,668 m		
KAPES	UL223	37.42220	35,000 ft	107	-
FIX	AWY-HI	45.33440	10,668 m		
ALRAM	J5	37.70830	35,000 ft	37	-
FIX	AWY-HI	44.62670	10,668 m		
BONAM	-	38.04890	35,000 ft	25	-
FIX	-	44.29970	10,668 m		
VAN	UT366	38.46610	35,000 ft	52	VAN
VOR	AWY-HI	43.32520	10,668 m		
TURNA	UT366	39.55860	35,000 ft	112	-
FIX	AWY-HI	41.35780	10,668 m		
DAMAT	UT366	39.95610	35,000 ft	39	-
FIX	AWY-HI	40.66470	10,668 m		
SONAD	UT366	40.41810	35,000 ft	53	-
FIX	AWY-HI	39.67640	10,668 m		
BAMLA	UL746	40.64030	35,000 ft	37	-
FIX	AWY-HI	38.90280	10,668 m		
CRM	UL746	41.26550	35,000 ft	113	CARSAMBA (SAMSUN)
VOR	AWY-HI	36.54890	10,668 m		
SIN	UM860	42.02230	35,000 ft	80	SINOP
VOR	AWY-HI	35.07680	10,668 m		
KUGOS	UM860	42.78060	35,000 ft	63	-
FIX	AWY-HI	34.08780	10,668 m		
ABRAN	M860	43.61720	35,000 ft	65	-
FIX	AWY-HI	33.12220	10,668 m		
TUNSA	M860	43.92330	35,000 ft	24	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	32.75830	10,668 m		
NEVKA	M860	44.15750	35,000 ft	18	-
FIX	AWY-HI	32.47640	10,668 m		
BOMKI	M860	44.53500	35,000 ft	29	-
FIX	AWY-HI	32.03000	10,668 m		
DIGAM	M860	45.25830	35,000 ft	58	-
FIX	AWY-HI	31.11170	10,668 m		
ANEDO	M860	46.36330	35,000 ft	89	-
FIX	AWY-HI	29.69190	10,668 m		
KIV	M860	46.92600	35,000 ft	46	CHISINAU
VOR	AWY-HI	28.90450	10,668 m		
NETED	M860	47.11440	35,000 ft	15	-
FIX	AWY-HI	28.64920	10,668 m		
DOBOK	N190	47.49330	35,000 ft	53	-
FIX	AWY-HI	27.46940	10,668 m		
BUKOV	N190	47.95170	35,000 ft	66	-
FIX	AWY-HI	25.95830	10,668 m		
BANUV	N190	48.32330	35,000 ft	62	-
FIX	AWY-HI	24.50060	10,668 m		
MALBE	N190	48.82390	35,000 ft	89	-
FIX	AWY-HI	22.37500	10,668 m		
UDREL	P27	49.01030	35,000 ft	61	-
FIX	AWY-HI	20.83610	10,668 m		
PPD	P27	49.06470	35,000 ft	19	TATRY
VOR	AWY-LO	20.35010	10,668 m		
LIPMU	P27	49.12310	35,000 ft	28	-
FIX	AWY-LO	19.62310	10,668 m		
RUTKI	P27	49.17330	35,000 ft	26	-
FIX	AWY-LO	18.94010	10,668 m		
ZLA	P27	49.20290	35,000 ft	16	ZILINA
NDB	AWY-LO	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	-
FIX	AWY-HI	14.02990	10,668 m		
DONAD	L602	50.08080	35,000 ft	41	-
FIX	AWY-HI	13.00000	10,668 m		
SOPGA	L602	50.17700	35,000 ft	12	-
FIX	AWY-HI	12.71880	10,668 m		
RAPET	T170	50.19050	35,000 ft	14	-
FIX	AWY-HI	12.33860	10,668 m		
URONA	T843	50.24780	35,000 ft	14	-
FIX	AWY-HI	11.97390	10,668 m		
RONTU	T843	50.30500	35,000 ft	14	-
FIX	AWY-HI	11.60330	10,668 m		
LASGA	T843	50.36060	35,000 ft	14	-
FIX	AWY-HI	11.22810	10,668 m		
PILAM	T843	50.43510	34,100 ft	20	-
FIX	AWY-HI	10.71100	10,394 m		
VELIS	T843	50.46920	32,100 ft	9	-
FIX	AWY-HI	10.47470	9,784 m		
DEMAB	T843	50.54110	27,800 ft	20	-
FIX	AWY-HI	9.95583	8,473 m		
MASEK	UL604	50.72920	24,000 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	9.59833	7,315 m		
SOPX	Z52	50.75170	22,600 ft	6	-
FIX	AWY-LO	9.43333	6,888 m		
EDDL	-	51.28940	0 ft	105	Dusseldorf
APT	-	6.76662	0 m		

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Region: UNITED ARAB EMIRATES
Timezone: ASIA/DUBAI
Runways: 2
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Elevation: 62 ft / 19 m  
Location: 25.251100 55.371100  
Magnetic Var: 2.351 E

OMDB 021000Z 15007KT 120V190 9999 FEW040 25/21 Q1007 NOSIG

TAF OMDB 020500Z 0206/0312 35012KT 6000 SCT030 PROB40 TEMPO 0206/0213 VRB20G45KT 1500 TSRA BLDU BKN030CB BECMG 0206/0213 35012KT 6000 SCT030

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

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

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

## EDDL

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

Elevation: 145 ft / 44 m  
Location: 51.289400 6.766620  
Magnetic Var: 2.674 E

## METAR

EDDL 021020Z AUTO 06003KT 340V110 CAVOK 24/14 Q0998 NOSIG

## TAF

TAF EDDL 020500Z 0206/0312 08003KT CAVOK BECMG 0212/0215 24006KT TEMPO 0214/0221 16014KT TSRA BKN030CB PROB40 TEM

## 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	230.03		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	50.02		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.03		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.03		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.02		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.02		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.03		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.03		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.02		145 m