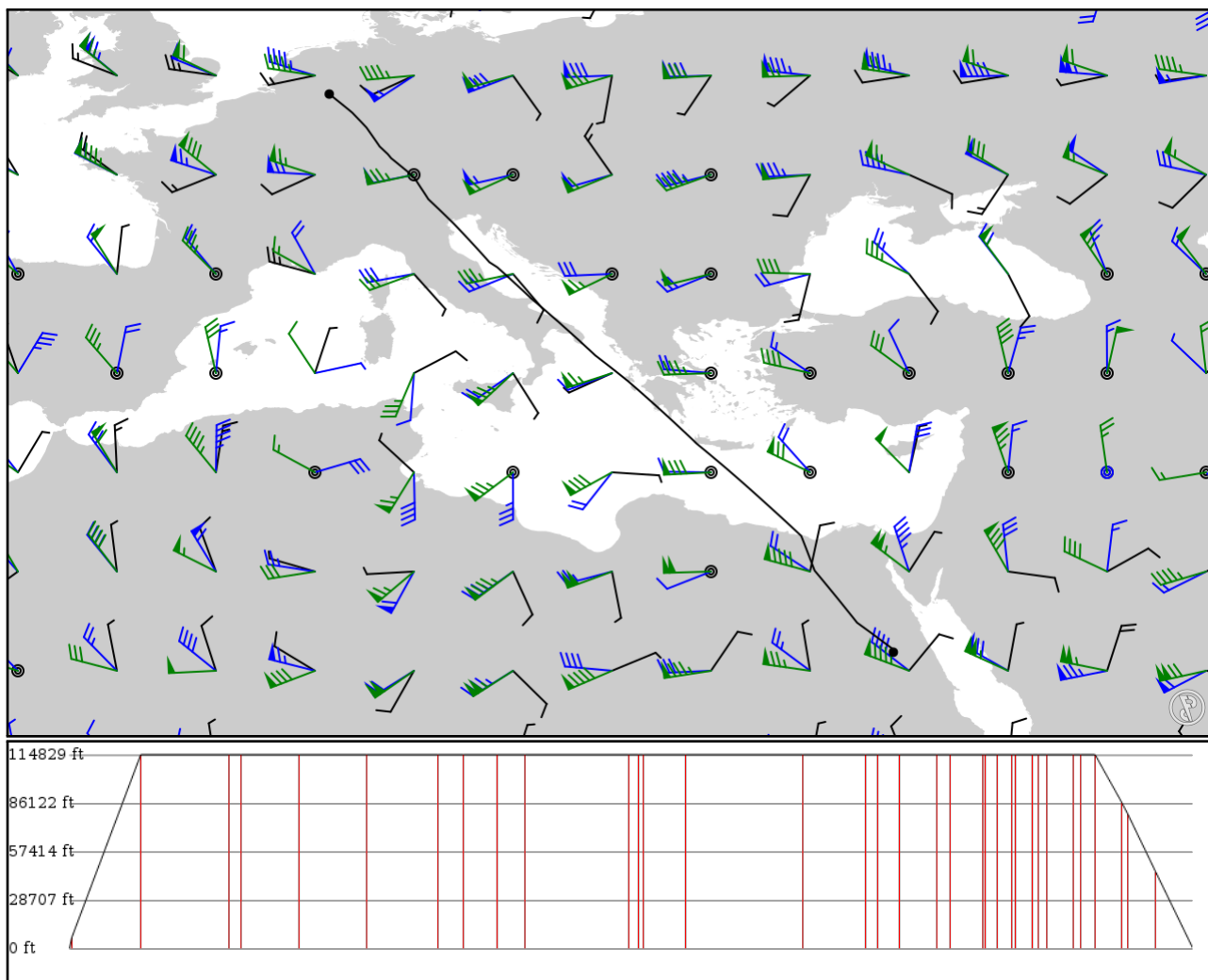


2024/06/08 0519Z

HELX LXR **P751** KUNKI **L321** KATAB **B12** DBA **M872** METRU **UM872** LATAN **N1** VIE **T415** DIPEP **L613** AKADO **T101**  
NAXAV **L12** SUDUX **UL12** MOGTI **UP66** NESES **P66** KPT **UL608** KUNOD **Z79** SUDEN **T844** KOVAN **T894** RIDSU **T881**  
ROLIS EDDL

1976.01 nm / 3659.57 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
HELX	-	25.67160	0 ft	-	Luxor Intl
APT	-	32.70490	0 m		
LXR	-	25.74940	2,000 ft	5	LUXOR
VOR	-	32.76860	610 m		
AST	P751	27.03120	35,000 ft	121	ASYUT
VOR	AWY-HI	31.03240	10,668 m		
KUNKI	P751	29.12390	35,000 ft	154	-
FIX	AWY-HI	29.33030	10,668 m		
KATAB	L321	29.41690	35,000 ft	21	-
FIX	AWY-HI	29.08500	10,668 m		
DBA	B12	31.01140	35,000 ft	100	EL DABA
VOR	AWY-HI	28.46690	10,668 m		
KANAR	M872	32.45750	35,000 ft	118	-
FIX	AWY-HI	26.89170	10,668 m		
METRU	M872	34.00000	35,000 ft	127	-
FIX	AWY-HI	25.15000	10,668 m		
LINGI	UM872	34.51190	35,000 ft	42	-
FIX	AWY-HI	24.54560	10,668 m		
PLH	UM872	35.22760	35,000 ft	60	PALEOCHORA
VOR	AWY-HI	23.68080	10,668 m		
ETILI	UM872	35.83170	35,000 ft	47	-
FIX	AWY-HI	23.04190	10,668 m		
KFN	UM872	38.11300	35,000 ft	183	KEFALLINIA
VOR	AWY-HI	20.50470	10,668 m		
ENESI	UM872	38.31390	35,000 ft	16	-
FIX	AWY-HI	20.25360	10,668 m		
ASTUS	UM872	38.41060	35,000 ft	8	-
FIX	AWY-HI	20.13220	10,668 m		
LATAN	UM872	39.29330	35,000 ft	74	-
FIX	AWY-HI	19.00000	10,668 m		
VIE	N1	41.91280	35,000 ft	206	VIESTE
VOR	AWY-LO	16.04920	10,668 m		
DIPEP	T415	43.34170	35,000 ft	109	-
FIX	AWY-HI	14.49190	10,668 m		
LISKO	L613	43.57140	35,000 ft	20	-
FIX	AWY-HI	14.13220	10,668 m		
BUSER	L613	44.10670	35,000 ft	38	-
FIX	AWY-HI	13.64890	10,668 m		
AGOMO	L613	45.01690	35,000 ft	65	-
FIX	AWY-HI	12.80190	10,668 m		
AKADO	L613	45.33330	35,000 ft	22	-
FIX	AWY-HI	12.50000	10,668 m		
LAMPO	T101	46.10580	35,000 ft	57	-
FIX	AWY-HI	11.70140	10,668 m		
GIKEB	T101	46.18250	35,000 ft	5	-
FIX	AWY-HI	11.62080	10,668 m		
NAXAV	T101	46.46390	35,000 ft	20	-
FIX	AWY-HI	11.32220	10,668 m		
UNIMI	L12	46.86080	35,000 ft	26	-
FIX	AWY-HI	11.06520	10,668 m		
SUDUX	L12	46.94500	35,000 ft	5	-
FIX	AWY-HI	11.00870	10,668 m		
MOGTI	UL12	47.38900	35,000 ft	29	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	10.71680	10,668 m		
NESES	UP66	47.54810	35,000 ft	11	-
FIX	AWY-HI	10.55470	10,668 m		
KPT	P66	47.74580	35,000 ft	14	KEMPTEN
VOR	AWY-HI	10.34980	10,668 m		
KUNOD	UL608	48.33880	35,000 ft	46	-
FIX	AWY-HI	9.61854	10,668 m		
SUDEN	Z79	48.52920	35,000 ft	13	-
FIX	AWY-LO	9.46222	10,668 m		
KOVAN	T844	48.88240	35,000 ft	25	-
FIX	AWY-HI	9.08429	10,668 m		
IBGES	T894	49.59780	26,400 ft	47	-
FIX	AWY-HI	8.58778	8,047 m		
RIDSU	T894	49.74900	24,300 ft	10	-
FIX	AWY-HI	8.47989	7,407 m		
ROLIS	T881	50.43510	13,900 ft	48	-
FIX	AWY-HI	7.82515	4,237 m		
EDDL	-	51.28940	0 ft	65	Dusseldorf
APT	-	6.76662	0 m		

## HELX

Region: EGYPT  
Timezone: AFRICA/CAIRO  
Runways: 1

Elevation: 294 ft / 90 m  
Location: 25.671600 32.704900  
Magnetic Var: 4.603 E

## METAR

HELX 080400Z 14003KT CAVOK 28/08 Q1003 NOSIG

## TAF

TAF HELX 072300Z 0800/0906 28008KT CAVOK TEMPO 0805/0808 6000 NSC

## Frequencies

REC - 122.60 MHz - ATIS  
TWR - 119.90 MHz -  
APP - 118.10 MHz -  
GND - 121.90 MHz -  
APP - 124.30 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02L	148 ft	9,887 ft	22.61	ASPHALT	0 ft	197 ft
	45 m	3,013 m	18.00		0 m	60 m
20R	148 ft	9,887 ft	202.61	ASPHALT	0 ft	197 ft
	45 m	3,013 m	198.01		0 m	60 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
20R	LOC-ILS	XIL	111.10 MHz	18 nm	202.41	-	303 ft
				33 km	197.81		303 m
20R	GS	XIL	111.10 MHz	10 nm	202.93	3.00	326 ft
				19 km	198.33		326 m

## EDDL

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

Elevation: 145 ft / 44 m  
Location: 51.289400 6.766620  
Magnetic Var: 2.688 E

## METAR

EDDL 080450Z AUTO 16008KT CAVOK 12/09 Q1014 NOSIG

## TAF

TAF EDDL 072300Z 0800/0906 VRB03KT CAVOK TEMPO 0803/0806 16006KT BECMG 0806/0809 24012KT PROB40 TEMPO 0811/0815 2

## 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	49.99		300 m	201 m
23L	148 ft	9,851 ft	232.71	CONCRETE	984 ft	702 ft
	45 m	3,003 m	230.02		300 m	214 m
05L	148 ft	8,866 ft	52.68	CONCRETE	994 ft	906 ft
	45 m	2,702 m	49.99		303 m	276 m
23R	148 ft	8,866 ft	232.70	CONCRETE	971 ft	928 ft
	45 m	2,702 m	230.01		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	50.00		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.01		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.01		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.00		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.00		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.01		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.01		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.00		145 m