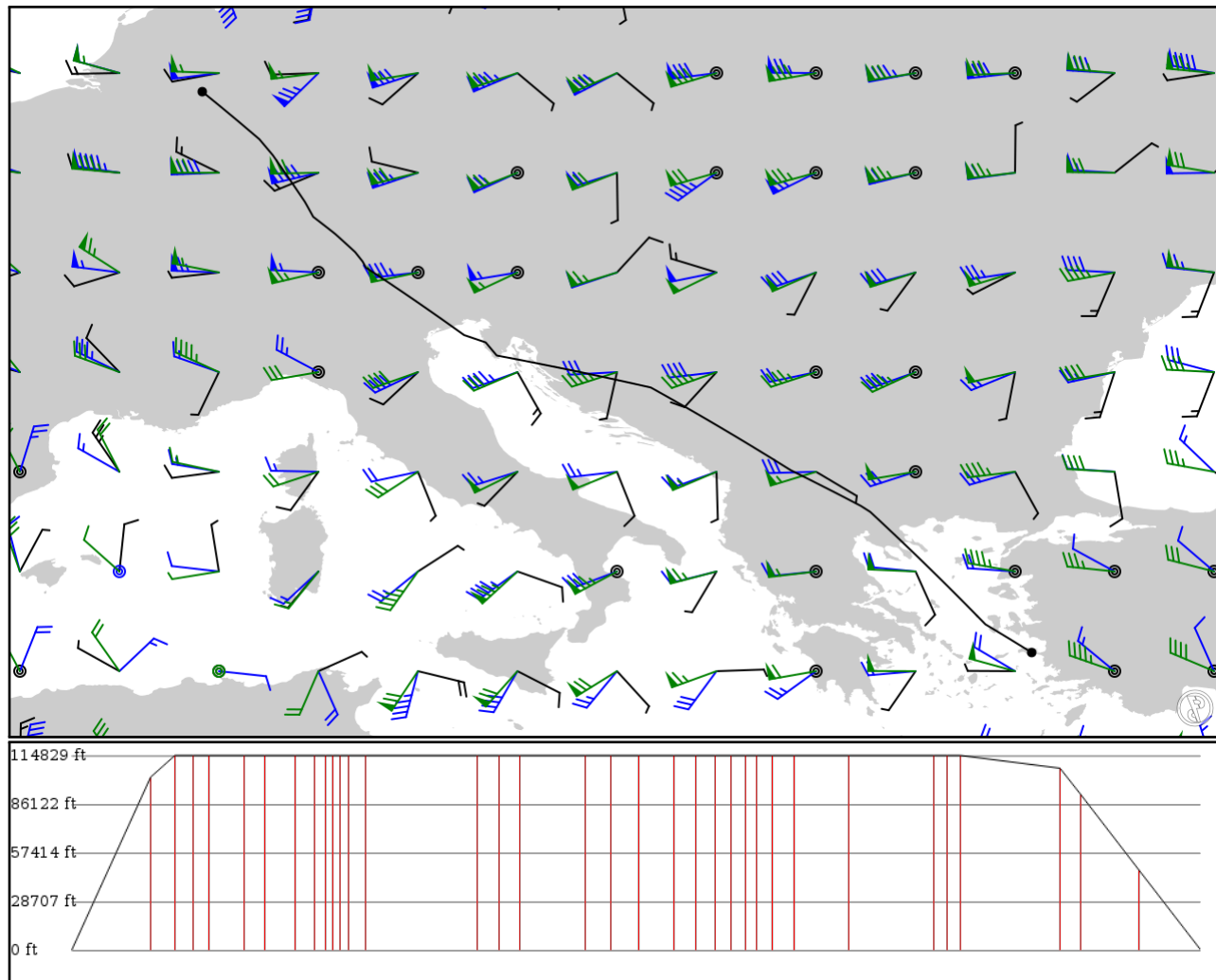


2024/05/15 2110Z

EDDL TUSUK **UZ738** RIDSU **UL607** ELMEM **UN606** OTRES **UT307** DIRAB **T307** BABAG VRS **P28** PUL **L614** SOLGU **M867**
MEDUX **UM867** KOGAT **M867** DISOR **UL608** FSK **UG18** NEMIS LGSM

1228.57 nm / 2275.31 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		
TUSUK	-	50.13560	31,100 ft	87	-
FIX	-	8.15417	9,479 m		
RIDSU	UZ738	49.74900	35,000 ft	26	-
FIX	AWY-HI	8.47989	10,668 m		
ABUKA	UL607	49.46530	35,000 ft	18	-
FIX	AWY-HI	8.67917	10,668 m		
SUNEG	UL607	49.19860	35,000 ft	17	-
FIX	AWY-HI	8.86417	10,668 m		
TEDGO	UL607	48.61840	35,000 ft	38	-
FIX	AWY-HI	9.25921	10,668 m		
UTABA	UL607	48.25500	35,000 ft	23	-
FIX	AWY-HI	9.46167	10,668 m		
MOMUK	UL607	47.83860	35,000 ft	32	-
FIX	AWY-HI	9.99694	10,668 m		
BEMKI	UL607	47.55940	35,000 ft	20	-
FIX	AWY-HI	10.30560	10,668 m		
XEBIX	UL607	47.40000	35,000 ft	11	-
FIX	AWY-HI	10.47990	10,668 m		
ELMEM	UL607	47.28560	35,000 ft	7	-
FIX	AWY-HI	10.57070	10,668 m		
BILDU	UN606	47.17040	35,000 ft	7	-
FIX	AWY-HI	10.66180	10,668 m		
OTRES	UN606	47.02350	35,000 ft	9	-
FIX	AWY-HI	10.74240	10,668 m		
DIRAB	UT307	46.81370	35,000 ft	18	-
FIX	AWY-HI	11.06230	10,668 m		
BABAG	T307	45.38690	35,000 ft	121	-
FIX	AWY-HI	13.12690	10,668 m		
VRS	-	45.21020	35,000 ft	24	VRSAR
NDB	-	13.64900	10,668 m		
PUL	P28	44.89240	35,000 ft	22	PULA
VOR	AWY-LO	13.91810	10,668 m		
PALEZ	L614	44.57500	35,000 ft	71	-
FIX	AWY-LO	15.53310	10,668 m		
SONIK	L614	44.44830	35,000 ft	27	-
FIX	AWY-LO	16.14330	10,668 m		
ELTIB	L614	44.30360	35,000 ft	30	-
FIX	AWY-LO	16.81640	10,668 m		
SOLGU	L614	44.11580	35,000 ft	38	-
FIX	AWY-LO	17.66140	10,668 m		
GILUK	M867	43.86690	35,000 ft	24	-
FIX	AWY-LO	18.10560	10,668 m		
RUDAR	M867	43.64860	35,000 ft	21	-
FIX	AWY-LO	18.48920	10,668 m		
OSLUD	M867	43.47720	35,000 ft	16	-
FIX	AWY-LO	18.78720	10,668 m		
GORAV	M867	43.30810	35,000 ft	16	-
FIX	AWY-LO	19.07780	10,668 m		
BUNEX	M867	43.18440	35,000 ft	11	-
FIX	AWY-LO	19.28870	10,668 m		
MODRA	M867	43.00700	35,000 ft	16	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	19.58880	10,668 m		
MEDUX	M867	42.74750	35,000 ft	24	-
FIX	AWY-LO	20.02190	10,668 m		
KOGAT	UM867	42.11250	35,000 ft	59	-
FIX	AWY-HI	21.05560	10,668 m		
DISOR	M867	41.24720	35,000 ft	92	-
FIX	AWY-LO	22.75830	10,668 m		
FSK	UL608	41.09870	35,000 ft	13	FISKA
VOR	AWY-HI	22.99150	10,668 m		
DIKNI	UG18	40.89920	35,000 ft	15	-
FIX	AWY-HI	23.20640	10,668 m		
GIKAS	UG18	39.49970	32,700 ft	107	-
FIX	AWY-HI	24.66690	9,967 m		
LUPIS	UG18	39.21060	28,000 ft	22	-
FIX	AWY-HI	24.95890	8,534 m		
NEMIS	UG18	38.37310	14,400 ft	63	-
FIX	AWY-HI	25.78780	4,389 m		
LGSM	-	37.68910	0 ft	67	SAMOS
APT	-	26.91280	0 m		

EDDL

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

Elevation: 145 ft / 44 m
Location: 51.289400 6.766620
Magnetic Var: 2.679 E

METAR

EDDL 152050Z AUTO VRB02KT 7000 -SHRA FEW///TCU 16/15 Q1006 TEMPO 4000 BR

TAF

TAF EDDL 151700Z 1518/1624 VRB03KT 9999 BKN020 TEMPO 1522/1602 RA PROB40 TEMPO 1602/1607 3000 RA BKN008 BECMG 1607

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