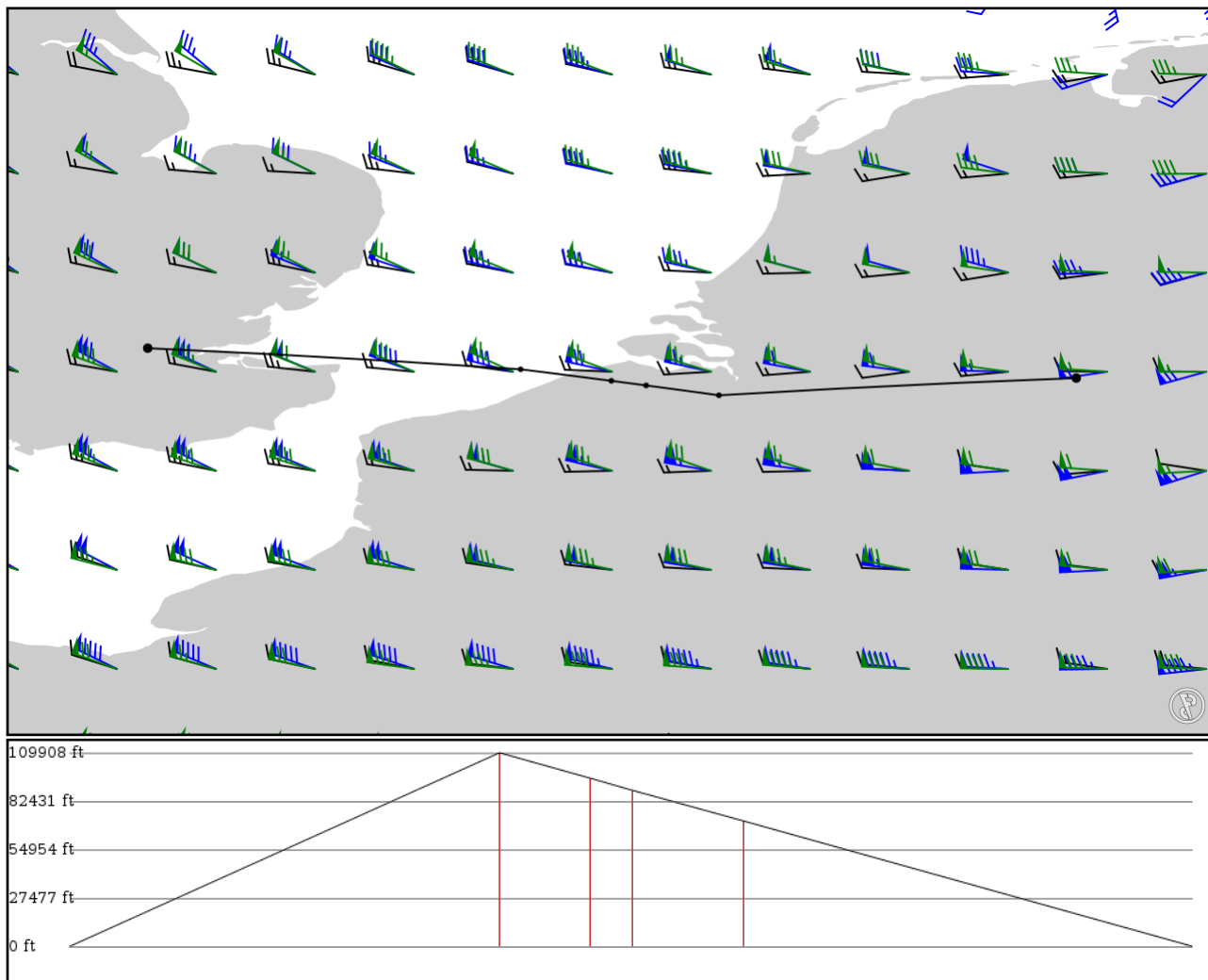


2024/05/08 0147Z

EDDL NIK **UL610** BULAM EGLC

253.79 nm / 470.02 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: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EDDL	-	51.28942	0 ft	-	Duesseldorf
APT	-	6.76664	0 m		
NIK	-	51.16500	33,500 ft	97	NICKY VOR-DME
VOR	-	4.18389	10,211 m		
DENUT	UL610	51.23611	29,100 ft	20	-
FIX	AWY-HI	3.65750	8,870 m		
LUMEN	UL610	51.26946	27,000 ft	9	-
FIX	AWY-HI	3.40657	8,230 m		
BULAM	UL610	51.35250	21,700 ft	25	-
FIX	AWY-HI	2.75028	6,614 m		
EGLC	-	51.50523	0 ft	101	London City
APT	-	0.05518	0 m		

EDDL

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

Elevation: 145 ft / 44 m
Location: 51.289400 6.766620
Magnetic Var: 2.676 E

METAR

EDDL 080120Z AUTO 34008KT 9999 FEW011 12/10 Q1023 BECMG BKN007

TAF

TAF EDDL 072300Z 0800/0906 35006KT CAVOK BECMG 0801/0804 BKN007 TEMPO 0803/0807 2000 BR OVC004 BECMG 0807/0810 SC

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

EGLC

Region: UNITED KINGDOM
Timezone: EUROPE/LONDON
Runways: 1

Elevation: 19 ft / 6 m
Location: 51.505200 0.055176
Magnetic Var: 0.548 E

METAR

EGLC 080120Z AUTO 13003KT 9999 BKN017 11/10 Q1028

TAF

UNKNOWN

Frequencies

APP - 132.70 MHz - THAMES RADAR
GND - 121.82 MHz - CITY GROUND
TWR - 129.45 MHz - CITY TOWER

REC - 136.35 MHz - CITY ATIS
TWR - 118.07 MHz - CITY TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	98 ft	4,916 ft	92.88	ASPHALT	315 ft	190 ft
	30 m	1,498 m	92.34		96 m	58 m
27	98 ft	4,916 ft	272.90	ASPHALT	230 ft	302 ft
	30 m	1,498 m	272.35		70 m	92 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	ILST	111.15 MHz	18 nm	-	-	48 ft
				33 km	-		48 m
27	DME	ILSR	111.15 MHz	18 nm	-	-	48 ft
				33 km	-		48 m
09	LOC-ILS	ILST	111.15 MHz	18 nm	92.89	-	19 ft
				33 km	92.34		19 m
27	LOC-ILS	ILSR	111.15 MHz	18 nm	272.89	-	19 ft
				33 km	272.34		19 m
09	GS	ILST	111.15 MHz	10 nm	92.89	5.50	19 ft
				19 km	92.34		19 m
27	GS	ILSR	111.15 MHz	10 nm	272.89	5.50	19 ft
				19 km	272.34		19 m