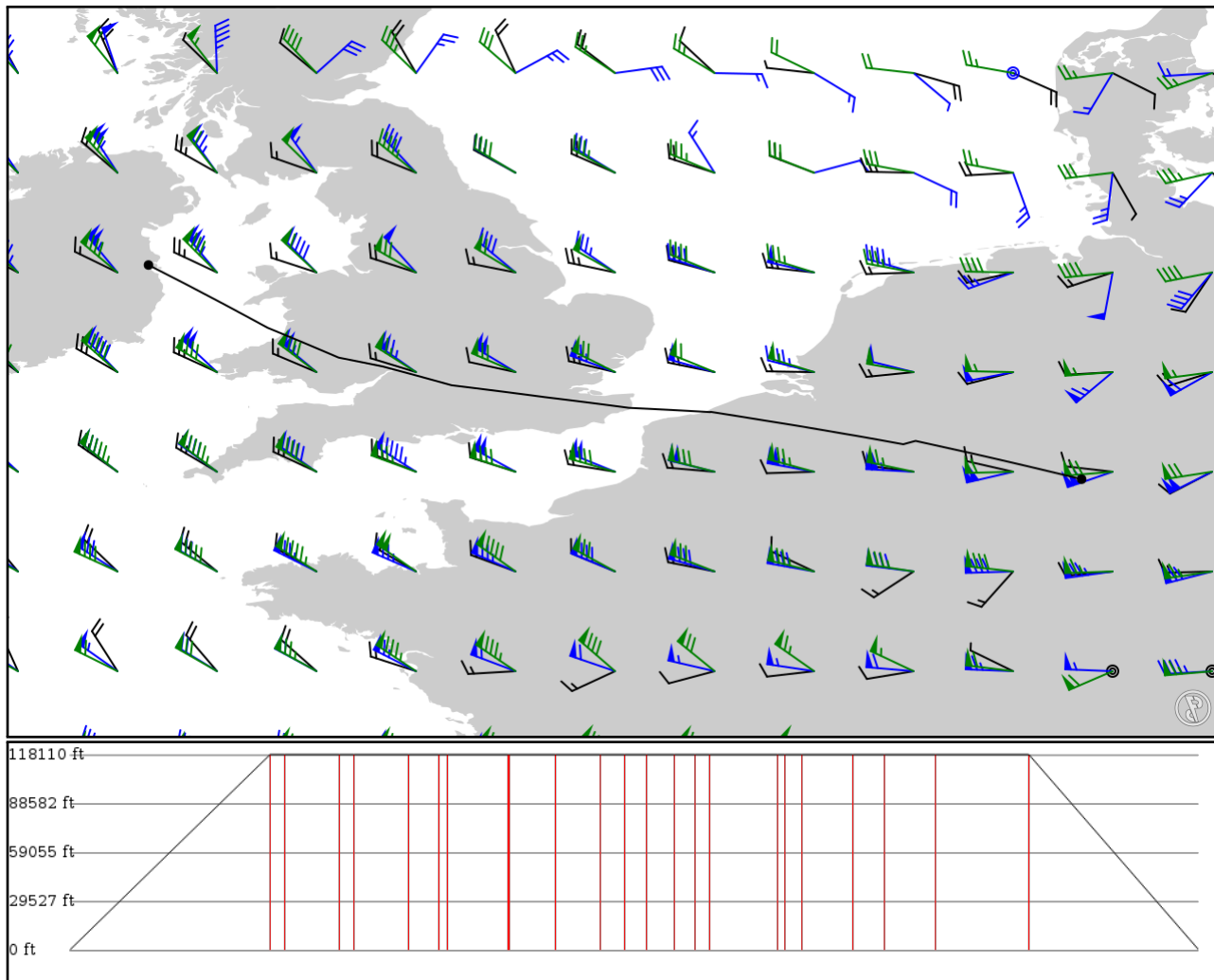


2024/05/21 0619Z

EDDF DINKI **UM170** LNO **L607** KOK KOK **L607** KONAN **L9** BIG **UL9** GOXUL **L9** NORRY **UL9** KENET **UN14** OKTAD **Q60**  
LANON EIDW

605.03 nm / 1120.52 km



## Notes

Basic altitude profile:

- Ascent Rate: 10000ft/min
- Ascent Speed: 260kts
- Cruise Altitude: 36000ft
- Cruise Speed: 275kts
- Descent Rate: 5000ft/min
- Descent Speed: 185kts

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
EDDF APT	-	50.03260 8.54067	0 ft 0 m	-	Frankfurt
DINKI FIX	-	50.63920 5.90611	36,000 ft 10,973 m	107	-
LNO VOR	UM170 AWY-HI	50.58580 5.71028	36,000 ft 10,973 m	8	OLNO
NIK40 FIX	L607 AWY-LO	50.71960 4.96746	36,000 ft 10,973 m	29	-
GILOM FIX	L607 AWY-LO	50.75200 4.77411	36,000 ft 10,973 m	7	-
DENOX FIX	L607 AWY-LO	50.87940 4.02778	36,000 ft 10,973 m	29	-
GOLEX FIX	L607 AWY-LO	50.94530 3.61583	36,000 ft 10,973 m	16	-
MAK NDB	L607 AWY-LO	50.96440 3.49639	36,000 ft 10,973 m	4	MACKEL
KOK DME	L607 AWY-LO	51.09920 2.65472	36,000 ft 10,973 m	32	KOKSY VORTAC
KOK VOR	-	51.09470 2.65167	36,000 ft 10,973 m	0	KOKSY
KONAN FIX	L607 AWY-LO	51.13080 2.00000	36,000 ft 10,973 m	24	-
DVR VOR	L9 AWY-LO	51.16260 1.35909	36,000 ft 10,973 m	24	DOVER
UMTUM FIX	L9 AWY-LO	51.20760 1.01744	36,000 ft 10,973 m	13	-
EMKAD FIX	L9 AWY-LO	51.24720 0.70944	36,000 ft 10,973 m	11	-
DIKVU FIX	L9 AWY-LO	51.29640 0.31722	36,000 ft 10,973 m	15	-
BIG VOR	L9 AWY-LO	51.33090 0.03481	36,000 ft 10,973 m	10	BIGGIN
GOXUL FIX	UL9 AWY-HI	51.35890 -0.17583	36,000 ft 10,973 m	8	-
NORRY FIX	L9 AWY-LO	51.47970 -1.12333	36,000 ft 10,973 m	36	-
CPT VOR	UL9 AWY-HI	51.49160 -1.21969	36,000 ft 10,973 m	3	COMPTON
KENET FIX	UL9 AWY-HI	51.52060 -1.45500	36,000 ft 10,973 m	8	-
UGNUS FIX	UN14 AWY-HI	51.70890 -2.13972	36,000 ft 10,973 m	27	-
OKTAD FIX	UN14 AWY-HI	51.81780 -2.54611	36,000 ft 10,973 m	16	-
TALGA FIX	Q60 AWY-HI	51.95830 -3.24556	36,000 ft 10,973 m	27	-
LANON FIX	Q60 AWY-HI	52.43110 -4.37250	36,000 ft 10,973 m	50	-
EIDW APT	-	53.42490 -6.26308	0 ft 0 m	90	Dublin

## EDDF

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 4

Elevation: 362 ft / 110 m  
Location: 50.032600 8.540670  
Magnetic Var: 3.177 E

## METAR

EDDF 210550Z AUTO 10006KT CAVOK 17/11 Q1007 NOSIG

## TAF

TAF TAF EDDF 210500Z 2106/2212 03008KT CAVOK BECMG 2109/2112 BKN035 TEMPO 2111/2116 4000 SHRA BKN030CB PROB30 TEM

## Frequencies

REC - 118.02 MHz - ATIS ARRIVAL  
GND - 121.80 MHz - GROUND  
GND - 121.70 MHz - APRON RAMP/TAXI  
GND - 121.85 MHz - APRON RAMP/TAXI  
TWR - 118.77 MHz - TOWER  
TWR - 124.85 MHz - TOWER  
TWR - 136.50 MHz - TOWER  
APP - 127.27 MHz - FRANKFURT DIRECT  
APP - 125.35 MHz - LANGEN RADAR  
APP - 120.80 MHz - LANGEN RADAR  
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE  
GND - 121.65 MHz - APRON RAMP/TAXI  
GND - 121.95 MHz - APRON RAMP/TAXI  
GND - 121.75 MHz - APRON RAMP/TAXI  
TWR - 119.90 MHz - TOWER  
TWR - 127.32 MHz - TOWER  
CLD - 121.90 MHz - CLEARANCE DELIVERY  
APP - 118.50 MHz - FRANKFURT DIRECT  
APP - 126.55 MHz - LANGEN RADAR  
APP - 120.15 MHz - LANGEN RADAR  
APP - 119.02 MHz - LANGEN RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	9,194 ft	69.56	CONCRETE	0 ft	0 ft
	45 m	2,802 m	66.39		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.41		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.39		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.43		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.41		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.45		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.46		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.46		0 m	37 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm	-	-	357 ft
				33 km	-		357 m
25C	DME	IFCW	111.55 MHz	18 nm	-	-	364 ft
				33 km	-		364 m
25R	DME	IFNW	111.35 MHz	18 nm	-	-	357 ft
				33 km	-		357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.41		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.40		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.43		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.41		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.43		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.40		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.41		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.40		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.43		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.41		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.43		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.40		362 m

## EIDW

Region: IRELAND  
Timezone: EUROPE/DUBLIN  
Runways: 2

Elevation: 240 ft / 73 m  
Location: 53.424900 -6.263080  
Magnetic Var: 1.971 W

## METAR

EIDW 210600Z 10005KT 4200 BR FEW002 SCT003 BKN110 12/12 Q1011 BECMG 7000 NSW

## TAF

TAF EIDW 210500Z 2106/2206 VRB03KT 9999 FEW020 TEMPO 2106/2107 3000 BR SCT003 PROB30 TEMPO 2107/2109 -SHRA FEW020

## Frequencies

REC - 124.52 MHz - ATIS	TWR - 118.60 MHz - DUBLIN TOWER
GND - 118.75 MHz - DUBLIN GROUND	GND - 121.80 MHz - DUBLIN GROUND
CLD - 121.87 MHz - CLEARANCE DELIVERY	APP - 133.27 MHz - DUBLIN APPROACH
APP - 121.10 MHz - DUBLIN APPROACH	APP - 119.92 MHz - DUBLIN APPROACH
APP - 119.55 MHz - DUBLIN APPROACH	REC - 118.50 MHz - DUBLIN INFORMATION

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10R	148 ft	8,660 ft	95.26	ASPHALT	0 ft	0 ft
	45 m	2,640 m	97.23		0 m	0 m
28L	148 ft	8,660 ft	275.29	ASPHALT	0 ft	0 ft
	45 m	2,640 m	277.26		0 m	0 m
16	190 ft	6,805 ft	156.64	ASPHALT	0 ft	0 ft
	58 m	2,074 m	158.61		0 m	0 m
34	190 ft	6,805 ft	336.65	ASPHALT	0 ft	0 ft
	58 m	2,074 m	338.62		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	DME	IAC	111.50 MHz	18 nm	-	-	200 ft
				33 km	-		200 m
10R	LOC-ILS	IDE	108.90 MHz	18 nm	95.26	-	242 ft
				33 km	97.23		242 m
16	LOC-ILS	IAC	111.50 MHz	18 nm	156.64	-	242 ft
				33 km	158.61		242 m
28L	LOC-ILS	IDW	111.35 MHz	18 nm	275.26	-	242 ft
				33 km	277.23		242 m
10R	GS	IDE	108.90 MHz	10 nm	95.26	3.00	242 ft
				19 km	97.23		242 m
16	GS	IAC	111.50 MHz	10 nm	156.64	3.00	242 ft
				19 km	158.61		242 m
28L	GS	IDW	111.35 MHz	10 nm	275.26	3.00	242 ft
				19 km	277.23		242 m