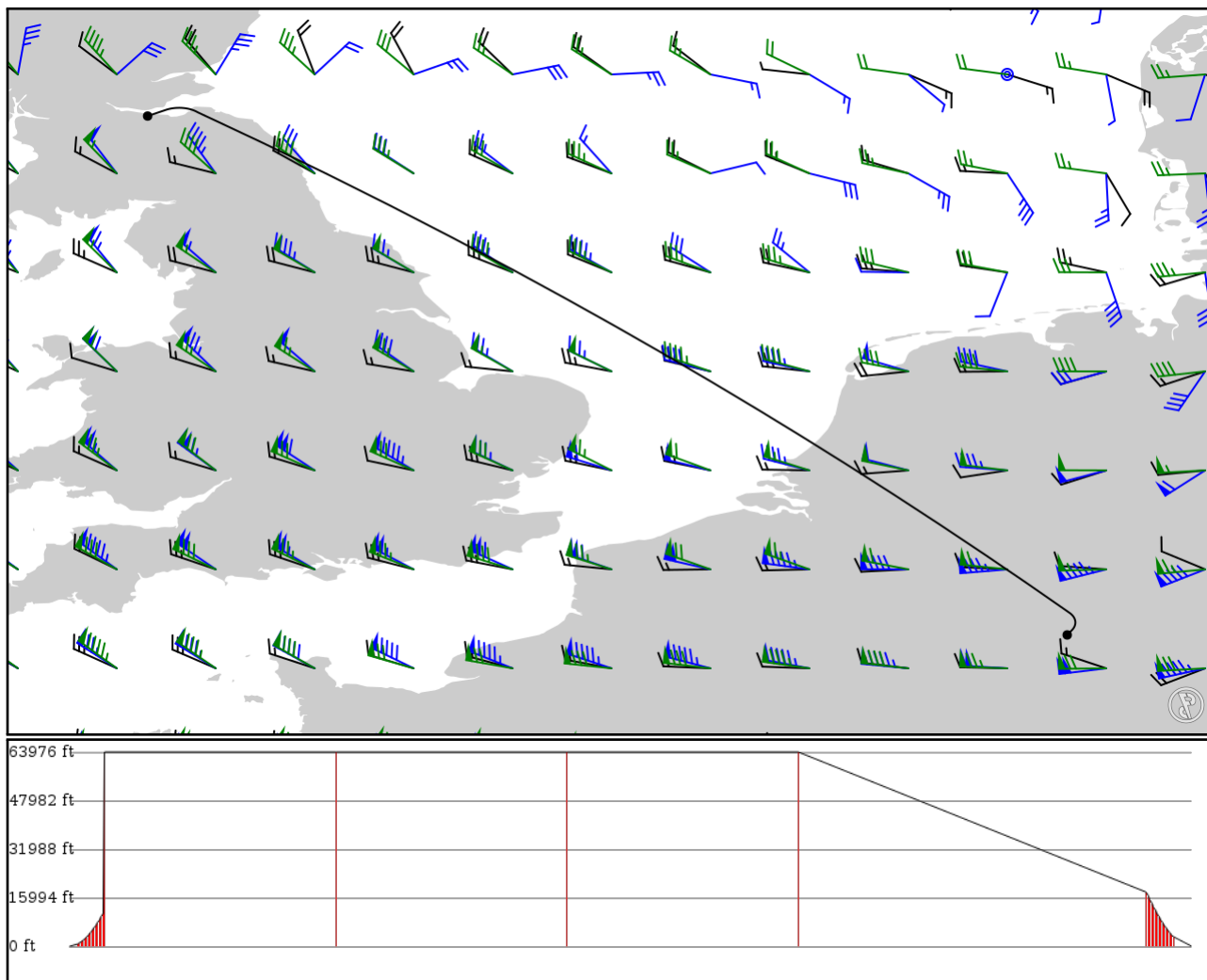


2024/05/13 0509Z

EDFH +50.02\_+007.34 +50.03\_+007.35 +50.05\_+007.35 +50.06\_+007.36 +50.08\_+007.37 +50.09\_+007.37  
 +50.10\_+007.37 +50.12\_+007.37 +50.13\_+007.37 +50.15\_+007.36 +50.16\_+007.35 +50.17\_+007.35  
 +50.19\_+007.34 +50.20\_+007.32 +50.21\_+007.31 +50.22\_+007.29 +51.57\_+005.29 +52.89\_+003.16  
 +54.17\_+000.89 +55.00\_-002.78 +56.01\_-002.79 +56.02\_-002.81 +56.03\_-002.84 +56.03\_-002.86  
 +56.04\_-002.88 +56.04\_-002.91 +56.05\_-002.93 +56.05\_-002.96 +56.05\_-002.98 +56.05\_-003.01  
 +56.05\_-003.04 +56.05\_-003.06 +56.04\_-003.09 +56.04\_-003.11 +56.03\_-003.13 EGPB

540.40 nm / 1000.82 km



## Notes

Departing runway 3 EDFH. Arriving runway 5 EGPB.

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EDFH	-	49.96022	0 ft	-	-
APT	-	7.27529	0 m		
+50.02_+007.34	-	50.02131	240 ft	4	-
DME	-	7.33562	73 m		
+50.03_+007.35	-	50.03416	340 ft	0	-
DME	-	7.34599	104 m		
+50.05_+007.35	-	50.04754	470 ft	0	-
DME	-	7.35458	143 m		
+50.06_+007.36	-	50.06135	610 ft	0	-
DME	-	7.36132	186 m		
+50.08_+007.37	-	50.07549	770 ft	0	-
DME	-	7.36616	235 m		
+50.09_+007.37	-	50.08984	950 ft	0	-
DME	-	7.36906	290 m		
+50.10_+007.37	-	50.10430	1,140 ft	0	-
DME	-	7.37000	347 m		
+50.12_+007.37	-	50.11876	1,360 ft	0	-
DME	-	7.36897	415 m		
+50.13_+007.37	-	50.13311	1,590 ft	0	-
DME	-	7.36598	485 m		
+50.15_+007.36	-	50.14723	1,830 ft	0	-
DME	-	7.36105	558 m		
+50.16_+007.35	-	50.16103	2,090 ft	0	-
DME	-	7.35422	637 m		
+50.17_+007.35	-	50.17439	2,370 ft	0	-
DME	-	7.34553	722 m		
+50.19_+007.34	-	50.18721	2,660 ft	0	-
DME	-	7.33506	811 m		
+50.20_+007.32	-	50.19940	2,970 ft	0	-
DME	-	7.32287	905 m		
+50.21_+007.31	-	50.21087	3,290 ft	0	-
DME	-	7.30907	1,003 m		
+50.22_+007.29	-	50.22152	19,500 ft	0	-
DME	-	7.29376	5,944 m		
+51.57_+005.29	-	51.57284	19,500 ft	111	-
DME	-	5.28512	5,944 m		
+52.89_+003.16	-	52.88927	19,500 ft	111	-
DME	-	3.15519	5,944 m		
+54.17_+000.89	-	54.16525	19,500 ft	111	-
DME	-	0.89397	5,944 m		
+55.00_-002.78	-	55.99962	5,450 ft	167	-
DME	-	-2.77615	1,661 m		
+56.01_-002.79	-	56.00964	5,060 ft	0	-
DME	-	-2.79482	1,542 m		
+56.02_-002.81	-	56.01872	4,690 ft	0	-
DME	-	-2.81499	1,430 m		
+56.03_-002.84	-	56.02677	4,320 ft	0	-
DME	-	-2.83651	1,317 m		
+56.03_-002.86	-	56.03375	3,960 ft	0	-
DME	-	-2.85920	1,207 m		
+56.04_-002.88	-	56.03960	3,620 ft	0	-
DME	-	-2.88290	1,103 m		
+56.04_-002.91	-	56.04427	3,290 ft	0	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
DME	-	-2.90742	1,003 m		
+56.05_-002.93	-	56.04773	2,970 ft	0	-
DME	-	-2.93258	905 m		
+56.05_-002.96	-	56.04995	2,660 ft	0	-
DME	-	-2.95819	811 m		
+56.05_-002.98	-	56.05092	2,370 ft	0	-
DME	-	-2.98405	722 m		
+56.05_-003.01	-	56.05062	2,090 ft	0	-
DME	-	-3.00996	637 m		
+56.05_-003.04	-	56.04907	1,830 ft	0	-
DME	-	-3.03573	558 m		
+56.05_-003.06	-	56.04627	1,590 ft	0	-
DME	-	-3.06115	485 m		
+56.04_-003.09	-	56.04223	1,360 ft	0	-
DME	-	-3.08604	415 m		
+56.04_-003.11	-	56.03701	1,140 ft	0	-
DME	-	-3.11020	347 m		
+56.03_-003.13	-	56.03063	950 ft	0	-
DME	-	-3.13345	290 m		
EGPH	-	55.95589	0 ft	8	-
APT	-	-3.35506	0 m		

## EDFH

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 1

Elevation: 1,647 ft / 502 m  
Location: 49.945800 7.261080  
Magnetic Var: 2.821 E

## METAR

EDFH 130420Z 24006KT CAVOK 14/10 Q1014

## TAF

TAF AMD EDFH 130308Z 1303/1324 24006KT 9999 SCT040 PROB30 TEMPO 1303/1308 SHRA BKN009 BKN020CB BECMG 1306/1309 1800

## Frequencies

REC - 136.35 MHz - HAHN ATIS  
GND - 121.97 MHz - HAHN GROUND  
APP - 125.60 MHz - LANGEN RADAR

COM - 123.65 MHz - HAHN UNICOM  
TWR - 119.65 MHz - HAHN TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	148 ft	12,457 ft	32.37	ASPHALT	3,461 ft	184 ft
	45 m	3,797 m	29.55		1,055 m	56 m
21	148 ft	12,457 ft	212.39	ASPHALT	984 ft	0 ft
	45 m	3,797 m	209.57		300 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	LOC-ILS	IHAE	109.30 MHz	18 nm	32.39	-	1,647 ft
				33 km	29.57		1,647 m
21	LOC-ILS	IHAW	111.30 MHz	18 nm	212.39	-	1,647 ft
				33 km	209.57		1,647 m
03	GS	IHAE	109.30 MHz	10 nm	32.39	3.00	1,647 ft
				19 km	29.57		1,647 m
21	GS	IHAW	111.30 MHz	10 nm	212.39	3.00	1,647 ft
				19 km	209.57		1,647 m

## EGPH

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

Elevation: 136 ft / 41 m  
Location: 55.950000 -3.372500  
Magnetic Var: 1.215 W

## METAR

EGPH 130420Z 07007KT 3200 BR BKN003 11/10 Q1006

## TAF

TAF EGPB 122303Z 1300/1324 05007KT 9999 FEW030 PROB30 TEMPO 1300/1303 6000 SHRA TEMPO 1303/1311 6000 BKN006 PROB30

## Frequencies

APP - 121.20 MHz - EDINBURGH APPROACH  
TWR - 118.70 MHz - EDINBURGH TOWER

GND - 121.75 MHz - EDINBURGH GROUND  
REC - 131.35 MHz - EDINBURGH INFORMATION

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	150 ft	8,369 ft	58.80	ASPHALT	692 ft	190 ft
	46 m	2,551 m	60.01		211 m	58 m
24	150 ft	8,369 ft	238.82	ASPHALT	682 ft	194 ft
	46 m	2,551 m	240.04		208 m	59 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	IVG	108.90 MHz	18 nm	-	-	123 ft
				33 km	-		123 m
24	DME	ITH	108.90 MHz	18 nm	-	-	123 ft
				33 km	-		123 m
06	LOC-ILS	IVG	108.90 MHz	18 nm	58.81	-	136 ft
				33 km	60.02		136 m
24	LOC-ILS	ITH	108.90 MHz	18 nm	238.81	-	136 ft
				33 km	240.02		136 m
06	GS	IVG	108.90 MHz	10 nm	58.81	3.00	136 ft
				19 km	60.02		136 m
24	GS	ITH	108.90 MHz	10 nm	238.81	3.00	136 ft
				19 km	240.02		136 m