

# EDDW

Bremen

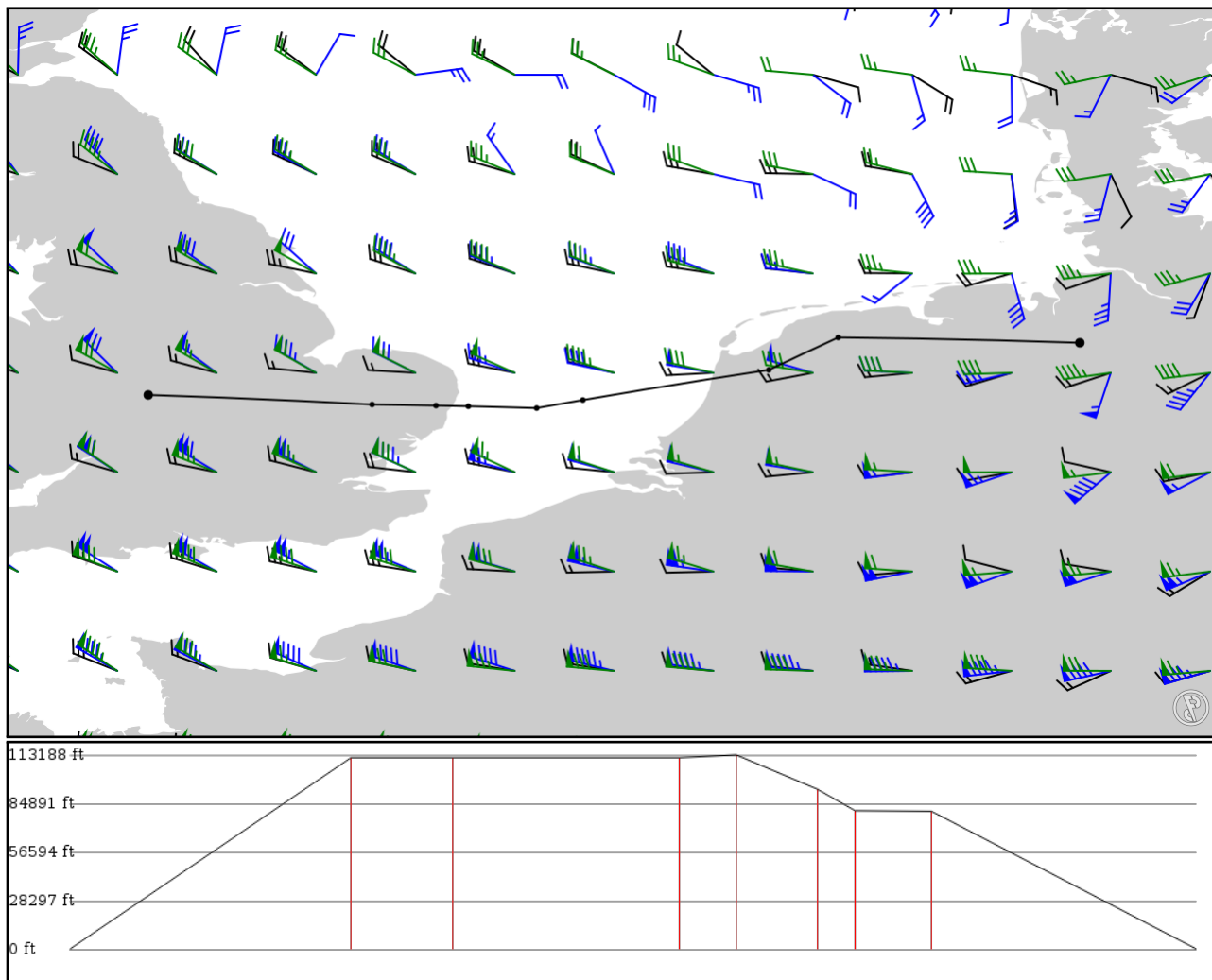
# EGBB

Birmingham

2024/05/08 2242Z

EDDW GRONY **UR12** ANDIK **UP155** UMBAG EGBB

395.44 nm / 732.35 km



## Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 30000ft
- Cruise Speed: 420kts
- Descent Rate: 1800ft/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
EDDW	-	53.04571	0 ft	-	Bremen
APT	-	8.78900	0 m	-	
GRONY	-	53.10547	34,000 ft	98	-
FIX	-	6.05497	10,363 m	-	
ANDIK	UR12	52.73940	34,000 ft	35	-
FIX	AWY-HI	5.27049	10,363 m	-	
MAVAS	UP155	52.39858	34,000 ft	79	-
FIX	AWY-HI	3.16675	10,363 m	-	
SOMVA	UP155	52.30722	34,500 ft	19	-
FIX	AWY-HI	2.64401	10,516 m	-	
ABEDA	UP155	52.32778	28,400 ft	28	-
FIX	AWY-HI	1.87111	8,656 m	-	
BANEM	UP155	52.33556	24,600 ft	13	-
FIX	AWY-HI	1.50528	7,498 m	-	
UMBAG	UP155	52.34778	24,500 ft	26	-
FIX	AWY-HI	0.78250	7,468 m	-	
EGBB	-	52.45597	0 ft	93	Birmingham
APT	-	-1.75038	0 m	-	

## EDDW

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

Elevation: 14 ft / 4 m  
Location: 53.045700 8.789000  
Magnetic Var: 3.301 E

## METAR

EDDW 082220Z AUTO 33004KT 280V360 CAVOK 12/08 Q1028

## TAF

TAF EDDW 081700Z 0818/0918 36006KT CAVOK BECMG 0819/0822 VRB03KT TEMPO 0902/0905 2000 BCFG PROB30 TEMPO 0902/0905

## Frequencies

GND - 121.75 MHz -  
TWR - 118.50 MHz -  
APP - 124.80 MHz - RADAR

TWR - 125.10 MHz - INFO  
TWR - 134.82 MHz -  
APP - 136.27 MHz - RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	75 ft	2,299 ft	51.50	ASPHALT	0 ft	0 ft
	23 m	701 m	48.20		0 m	0 m
23	75 ft	2,299 ft	231.51	ASPHALT	0 ft	0 ft
	23 m	701 m	228.21		0 m	0 m
09	148 ft	8,616 ft	87.78	ASPHALT	945 ft	0 ft
	45 m	2,626 m	84.48		288 m	0 m
27	148 ft	8,616 ft	267.82	ASPHALT	984 ft	0 ft
	45 m	2,626 m	264.51		300 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	LOC-ILS	IBRE	110.30 MHz	18 nm	87.80	-	14 ft
				33 km	84.50		14 m
27	LOC-ILS	IBRW	110.90 MHz	18 nm	267.80	-	14 ft
				33 km	264.50		14 m
09	GS	IBRE	110.30 MHz	10 nm	87.80	3.00	14 ft
				19 km	84.50		14 m
27	GS	IBRW	110.90 MHz	10 nm	267.80	3.00	14 ft
				19 km	264.50		14 m

## EGBB

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

Elevation: 338 ft / 103 m  
Location: 52.454300 -1.748520  
Magnetic Var: 0.166 W

## METAR

EGBB 082220Z 29003KT CAVOK 14/10 Q1028

## TAF

TAF EGBB 081655Z 0818/0918 13004KT 9999 FEW045 PROB30 TEMPO 0900/0908 7000

## Frequencies

APP - 118.05 MHz - BIRMINGHAM APPROACH	TWR - 118.30 MHz - BIRMINGHAM TOWER
GND - 121.80 MHz - BIRMINGHAM GROUND	APP - 118.05 MHz - BIRMINGHAM RADAR
APP - 131.00 MHz - BIRMINGHAM DIRECTOR	REC - 136.02 MHz - BIRMINGHAM INFORMATION

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	148 ft	9,999 ft	145.88	ASPHALT	922 ft	0 ft
	45 m	3,048 m	146.05		281 m	0 m
33	148 ft	9,999 ft	325.90	ASPHALT	1,421 ft	0 ft
	45 m	3,048 m	326.07		433 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	IBIR	110.10 MHz	18 nm	-	-	349 ft
				33 km	-		349 m
33	DME	IBM	110.10 MHz	18 nm	-	-	327 ft
				33 km	-		327 m
15	LOC-ILS	IBIR	110.10 MHz	18 nm	145.90	-	338 ft
				33 km	146.07		338 m
33	LOC-ILS	IBM	110.10 MHz	18 nm	325.90	-	338 ft
				33 km	326.07		338 m
15	GS	IBIR	110.10 MHz	10 nm	145.90	3.00	338 ft
				19 km	146.07		338 m
33	GS	IBM	110.10 MHz	10 nm	325.90	3.00	338 ft
				19 km	326.07		338 m