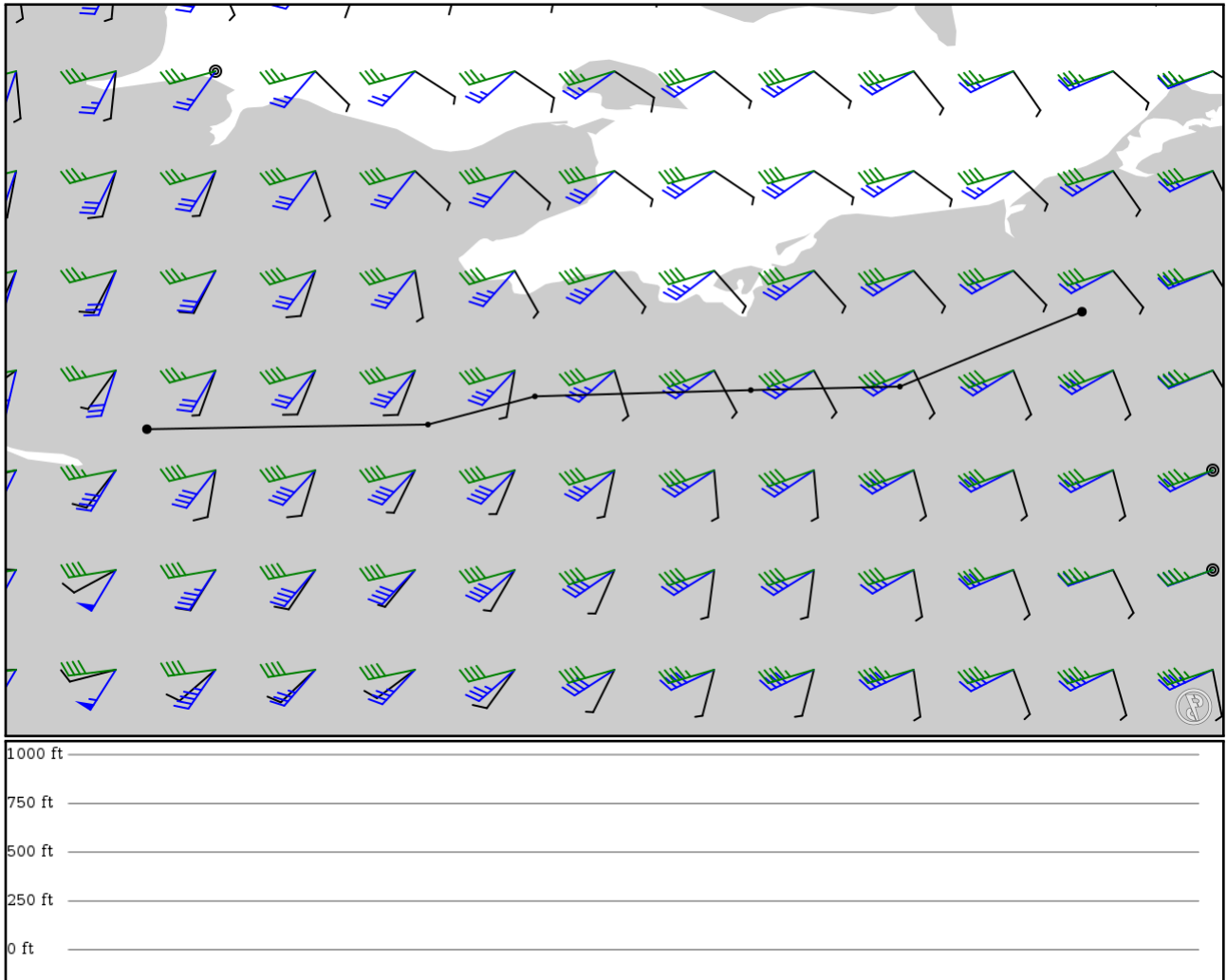


2024/05/15 2144Z

ETNL TAGOB BERIM RAMAR RARUP EDDH

85.82 nm / 158.94 km



## Notes

None

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ETNL	-	53.91810	0 ft	-	-
APT	-	12.27930	0 m		
TAGOB	-	53.73470	0 ft	19	-
FIX	-	11.83310	0 m		
BERIM	-	53.72610	0 ft	12	-
FIX	-	11.46780	0 m		
RAMAR	-	53.71080	0 ft	18	-
FIX	-	10.93890	0 m		
RARUP	-	53.64170	0 ft	10	-
FIX	-	10.67690	0 m		
EDDH	-	53.63040	0 ft	24	-
APT	-	9.98820	0 m		

## ETNL

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

Elevation: 141 ft / 43 m  
Location: 53.918100 12.279300  
Magnetic Var: 4.419 E

## METAR

ETNL 152120Z 09010KT 9999 FEW320 15/06 Q1013 BLU+

## TAF

UNKNOWN

## Frequencies

DEP - 133.10 MHz - LAAGE RADAR  
TWR - 122.10 MHz - TOWER  
GND - 122.00 MHz - APRON CIVIL

APP - 123.30 MHz - LAAGE RADAR  
TWR - 118.42 MHz - TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	8,243 ft	97.70	ASPHALT	0 ft	997 ft
	45 m	2,513 m	93.28		0 m	304 m
27	148 ft	8,243 ft	277.73	ASPHALT	0 ft	1,001 ft
	45 m	2,513 m	273.31		0 m	305 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	LOC-ILS	ILAE	108.55 MHz	18 nm	97.72	-	141 ft
				33 km	93.30		141 m
27	LOC-ILS	ILAW	108.30 MHz	18 nm	277.72	-	141 ft
				33 km	273.30		141 m
09	GS	ILAE	108.55 MHz	10 nm	97.72	3.01	141 ft
				19 km	93.30		141 m
27	GS	ILAW	108.30 MHz	10 nm	277.72	3.00	141 ft
				19 km	273.30		141 m

## EDDH

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

Elevation: 53 ft / 16 m  
Location: 53.633700 9.985260  
Magnetic Var: 3.693 E

## METAR

EDDH 152120Z AUTO 07010KT CAVOK 18/08 Q1010 NOSIG

## TAF

TAF EDDH 151700Z 1518/1624 11013KT CAVOK BECMG 1518/1520 10007KT BECMG 1607/1609 10015G25KT TEMPO 1609/1617 10020

## Frequencies

REC - 123.12 MHz - EDDH ATIS	GND - 121.80 MHz - HAMBURG GND
GND - 121.70 MHz - HAMBURG APRON	GND - 121.97 MHz - HAMBURG APRON
TWR - 121.27 MHz - HAMBURG TWR	TWR - 126.85 MHz - HAMBURG TWR
APP - 118.20 MHz - HAMBURG DIRECTOR	APP - 124.62 MHz - HAMBURG APP
APP - 134.25 MHz - BREMEN RADAR	APP - 136.67 MHz - BREMEN RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	151 ft	10,647 ft	50.18	ASPHALT	978 ft	194 ft
	46 m	3,245 m	46.49		298 m	59 m
23	151 ft	10,647 ft	230.22	ASPHALT	509 ft	239 ft
	46 m	3,245 m	226.52		155 m	73 m
15	151 ft	12,013 ft	152.89	ASPHALT	0 ft	194 ft
	46 m	3,662 m	149.20		0 m	59 m
33	151 ft	12,013 ft	332.91	ASPHALT	1,463 ft	164 ft
	46 m	3,662 m	329.22		446 m	50 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	LOC-ILS	IHHE	110.50 MHz	18 nm	50.21	-	53 ft
				33 km	46.52		53 m
15	LOC-ILS	IHHS	109.55 MHz	18 nm	152.91	-	53 ft
				33 km	149.22		53 m
23	LOC-ILS	IHHW	111.50 MHz	18 nm	230.21	-	53 ft
				33 km	226.52		53 m
33	LOC-LOC	IHHN	109.90 MHz	18 nm	332.91	-	53 ft
				33 km	329.22		53 m
05	GS	IHHE	110.50 MHz	10 nm	50.21	3.00	53 ft
				19 km	46.52		53 m
15	GS	IHHS	109.55 MHz	10 nm	152.91	3.00	53 ft
				19 km	149.22		53 m
23	GS	IHHW	111.50 MHz	10 nm	230.21	3.00	53 ft
				19 km	226.52		53 m
33	GS	IHHN	109.90 MHz	10 nm	332.91	3.00	53 ft
				19 km	329.22		53 m