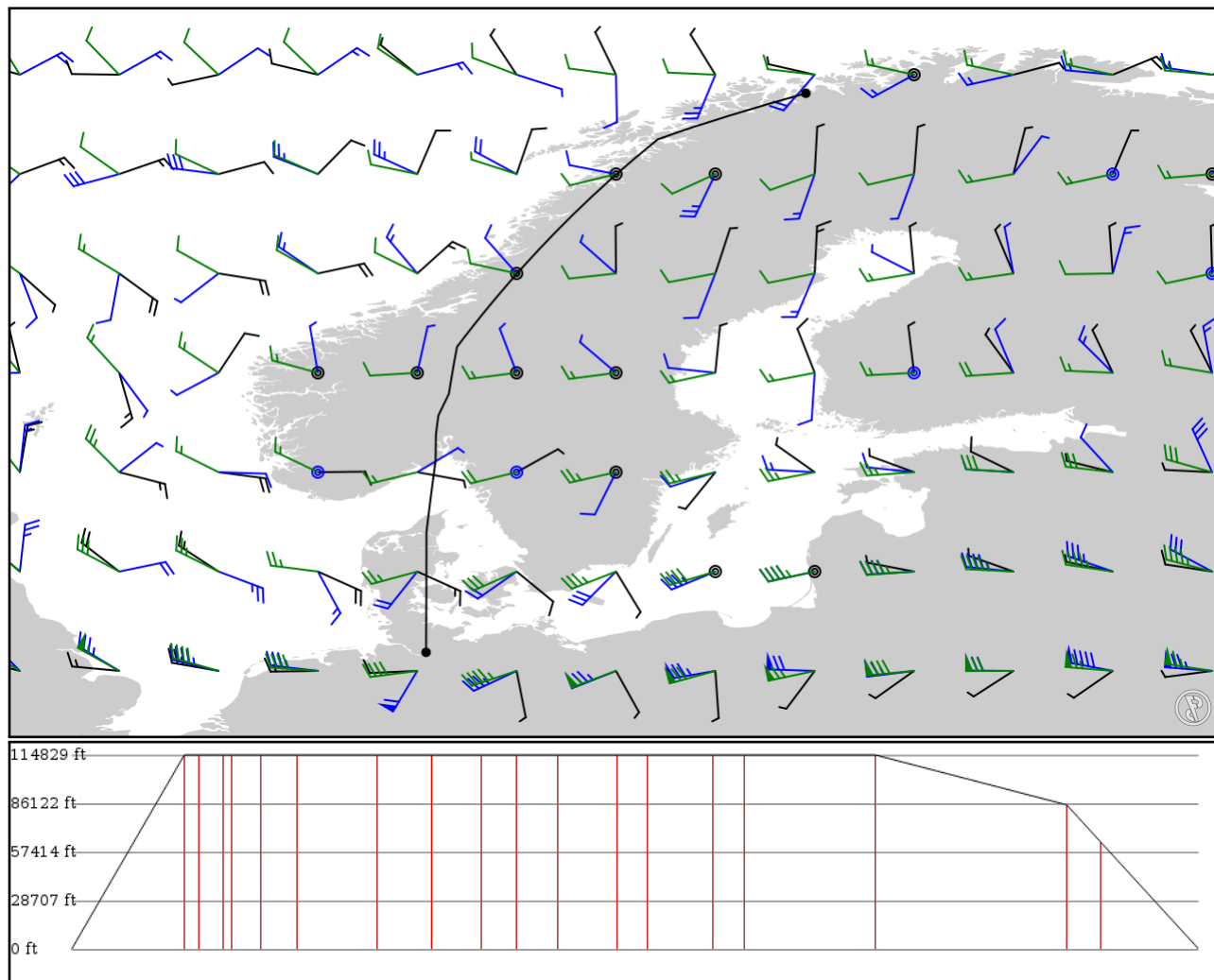


2024/05/12 2220Z

EDDH ASBIL **P615** TRF **M609** TGA **Z101** EVD **Z201** LAVNA ENSR

1040.98 nm / 1927.90 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 13500ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/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
EDDH	-	53.63367	0 ft	-	Hamburg
APT	-	9.98524	0 m		
ASBIL	-	55.37194	35,000 ft	104	-
FIX	-	9.99389	10,668 m		
RIDSI	P615	55.59167	35,000 ft	13	-
FIX	AWY-LO	9.99417	10,668 m		
ABINO	P615	55.96833	35,000 ft	22	-
FIX	AWY-LO	9.99444	10,668 m		
LUTUS	P615	56.10083	35,000 ft	7	-
FIX	AWY-LO	9.99444	10,668 m		
RADIS	P615	56.54167	35,000 ft	26	-
FIX	AWY-LO	9.99500	10,668 m		
AAL	P615	57.10372	35,000 ft	33	AALBORG VOR-DME
VOR	AWY-LO	9.99558	10,668 m		
ARTOR	P615	58.33444	35,000 ft	74	-
FIX	AWY-LO	10.14889	10,668 m		
TOR	P615	59.16911	35,000 ft	50	TORP VOR-DME
VOR	AWY-LO	10.25927	10,668 m		
TRF	P615	59.92918	35,000 ft	45	TYRIFJORD NDB
NDB	AWY-LO	10.26931	10,668 m		
BBU	M609	60.47178	35,000 ft	32	BRANDBU VOR-DME
VOR	AWY-LO	10.33886	10,668 m		
MES	M609	61.09981	35,000 ft	38	MESNALI VOR-DME
VOR	AWY-LO	10.64278	10,668 m		
TOGAT	M609	61.99944	35,000 ft	54	-
FIX	AWY-LO	10.79283	10,668 m		
TGA	M609	62.46164	35,000 ft	27	TOLGA VOR-DME
VOR	AWY-LO	10.87883	10,668 m		
MERAK	Z101	63.41583	35,000 ft	60	-
FIX	AWY-LO	11.62611	10,668 m		
NUTKO	Z101	63.86917	35,000 ft	28	-
FIX	AWY-LO	12.00000	10,668 m		
GIRAN	Z101	65.75000	35,000 ft	121	-
FIX	AWY-LO	13.70083	10,668 m		
EVD	Z101	68.45731	26,000 ft	176	EVENES VOR-DME
VOR	AWY-LO	16.68171	7,925 m		
LAVNA	Z201	68.81444	19,300 ft	31	-
FIX	AWY-LO	17.71222	5,883 m		
ENSR	-	69.78728	0 ft	90	Sorkjosen
APT	-	20.95883	0 m		

## EDDH

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

Elevation: 53 ft / 16 m  
Location: 53.633700 9.985260  
Magnetic Var: 3.692 E

## METAR

EDDH 122150Z AUTO 08011KT CAVOK 14/07 Q1018 NOSIG

## TAF

TAF EDDH 121700Z 1218/1324 10009KT CAVOK PROB30 TEMPO 1310/1318 12015G25KT

## 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