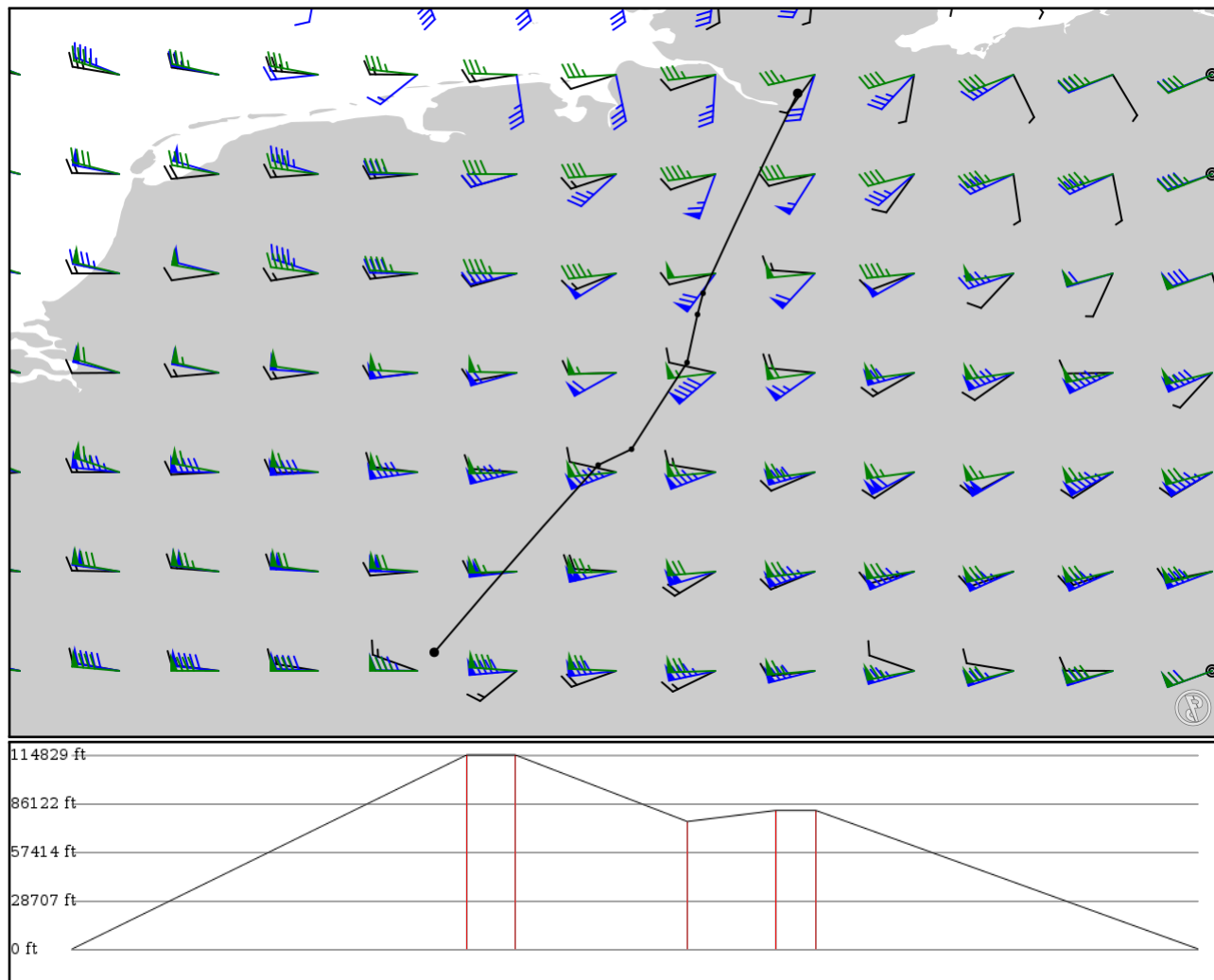


2024/05/04 0051Z

EDDR BIGSU MARUN Y153 WRB UL126 PIROT EDDH

290.81 nm / 538.57 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- 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
EDDR	-	49.21534	0 ft	-	Saarbrücken
APT	-	7.11261	0 m		
BIGSU	-	50.69500	35,000 ft	101	-
FIX	-	8.40806	10,668 m		
MARUN	-	50.82117	35,000 ft	12	-
FIX	-	8.67200	10,668 m		
WRB	Y153	51.50570	23,000 ft	44	WARBURG VOR-DME
VOR	AWY-LO	9.11091	7,010 m		
LARBU	UL126	51.88556	25,000 ft	23	-
FIX	AWY-HI	9.19305	7,620 m		
PIROT	UL126	52.05333	25,000 ft	10	-
FIX	AWY-HI	9.23694	7,620 m		
EDDH	-	53.63367	0 ft	98	Hamburg
APT	-	9.98524	0 m		

## EDDR

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

Elevation: 1,057 ft / 322 m  
Location: 49.214600 7.109510  
Magnetic Var: 2.774 E

## METAR

EDDR 040020Z AUTO 11002KT CAVOK 06/05 Q1016

## TAF

TAF EDDR 032300Z 0400/0424 VRB03KT CAVOK BECMG 0406/0408 15005KT TEMPO 0417/0424 SHRA BKN020TCU BECMG 0421/0424 B

## Frequencies

TWR - 118.55 MHz - SAARBRUCKEN TOWER

GND - 128.80 MHz - SAARBRUCKEN GROUND

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	6,568 ft	87.44	ASPHALT	197 ft	308 ft
	45 m	2,002 m	84.66		60 m	94 m
27	148 ft	6,568 ft	267.46	ASPHALT	331 ft	0 ft
	45 m	2,002 m	264.68		101 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
27	LOC-ILS	DSB	108.70 MHz	18 nm	267.45	-	1,057 ft
				33 km	264.68		1,057 m
27	GS	DSB	108.70 MHz	10 nm	267.45	3.00	1,057 ft
				19 km	264.68		1,057 m

## EDDH

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

Elevation: 53 ft / 16 m  
Location: 53.633700 9.985260  
Magnetic Var: 3.688 E

## METAR

EDDH 040020Z AUTO 26006KT 9999 BKN028 12/09 Q1014 NOSIG

## TAF

TAF EDDH 032300Z 0400/0506 26004KT 9999 BKN025 BECMG 0405/0407 20006KT BECMG 0414/0416 14006KT BECMG 0418/0420 08

## 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	46.50		298 m	59 m
23	151 ft	10,647 ft	230.22	ASPHALT	509 ft	239 ft
	46 m	3,245 m	226.53		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