

# EDDW

Bremen

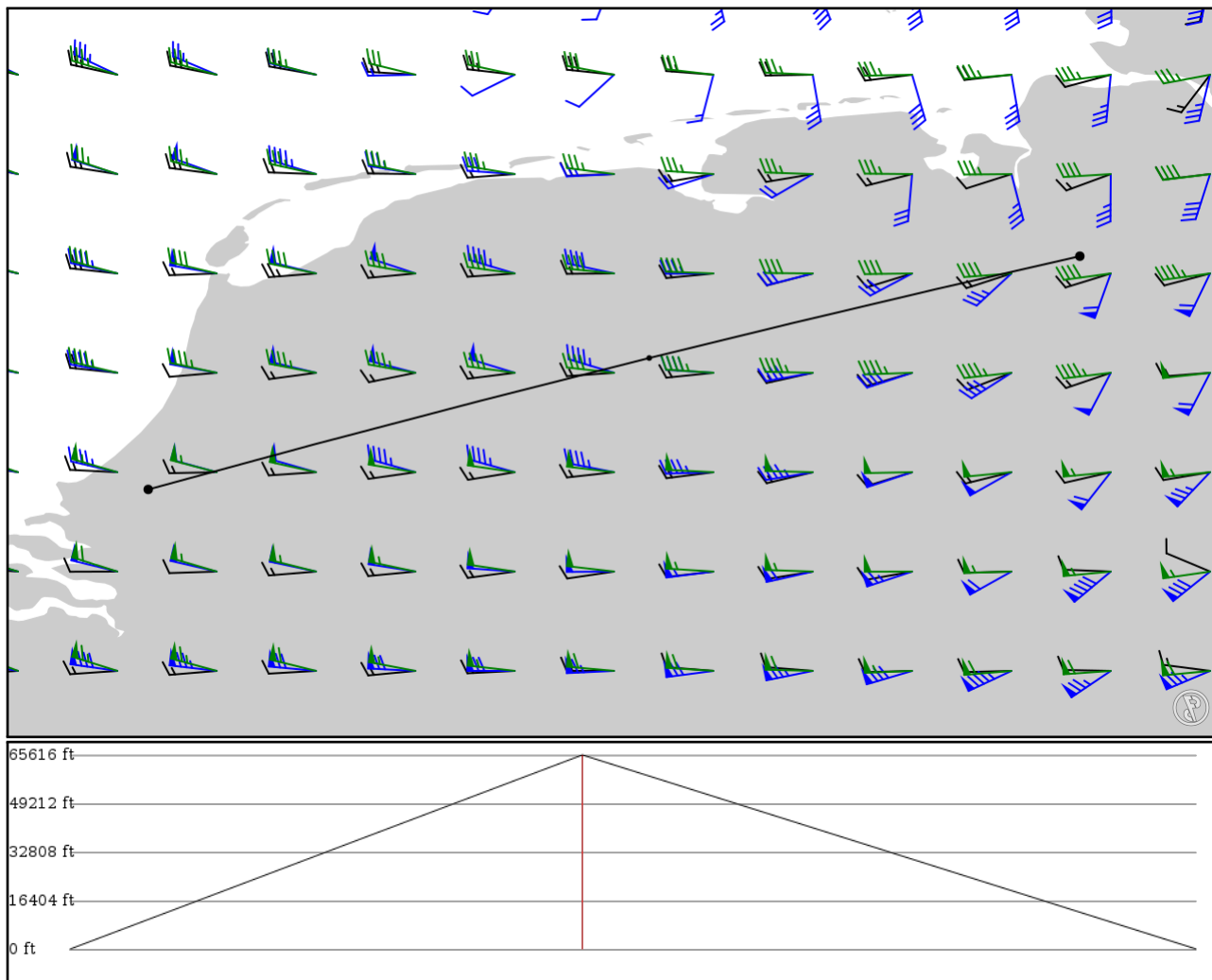
# EHRD

Rotterdam The Hague

2024/05/13 2324Z

EDDW HOP31 EHRD

171.81 nm / 318.20 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- 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
EDDW	-	53.04571	0 ft	-	Bremen
APT	-	8.78900	0 m		
HOP31	-	52.57060	20,000 ft	78	-
FIX	-	6.77950	6,096 m		
EHRD	-	51.95747	0 ft	93	Rotterdam The Hague
APT	-	4.44166	0 m		

## EDDW

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

Elevation: 14 ft / 4 m  
Location: 53.045700 8.789000  
Magnetic Var: 3.303 E

## METAR

EDDW 132250Z AUTO 11008KT 080V140 CAVOK 18/08 Q1011

## TAF

TAF EDDW 131700Z 1318/1418 11009KT CAVOK BECMG 1407/1409 12014KT TEMPO 1410/1417 12015G25KT

## 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	228.20		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

## EHRD

Region: NETHERLANDS  
Timezone: EUROPE/AMSTERDAM  
Runways: 1

Elevation: -15 ft / -5 m  
Location: 51.957500 4.441690  
Magnetic Var: 1.953 E

## METAR

EHRD 132255Z AUTO 10004KT 070V130 9999 NCD 16/15 Q1007 NOSIG

## TAF

TAF EHRD 131703Z 1318/1424 12007KT CAVOK BECMG 1408/1411 16014KT PROB30 TEMPO 1416/1424 6000 SHRA SCT040CB BECMG

## Frequencies

TWR - 118.20 MHz - ROTTERDAM TOWER  
REC - 110.40 MHz - ROTTERDAM ATIS  
GND - 122.17 MHz - ROTTERDAM GROUND  
APP - 127.02 MHz - ROTTERDAM APPROACH  
CLD - 128.80 MHz - ROTTERDAM DELIVERY

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	148 ft	7,198 ft	57.03	ASPHALT	643 ft	0 ft
	45 m	2,194 m	55.07		196 m	0 m
24	148 ft	7,198 ft	237.05	ASPHALT	646 ft	0 ft
	45 m	2,194 m	235.09		197 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	ROS	110.90 MHz	18 nm	-	-	-15 ft
				33 km	-		-15 m
24	DME	RSV	110.90 MHz	18 nm	-	-	-15 ft
				33 km	-		-15 m
06	LOC-ILS	ROS	109.10 MHz	18 nm	56.94	-	-15 ft
				33 km	54.99		-15 m
24	LOC-ILS	RSV	110.90 MHz	18 nm	236.94	-	-15 ft
				33 km	234.99		-15 m