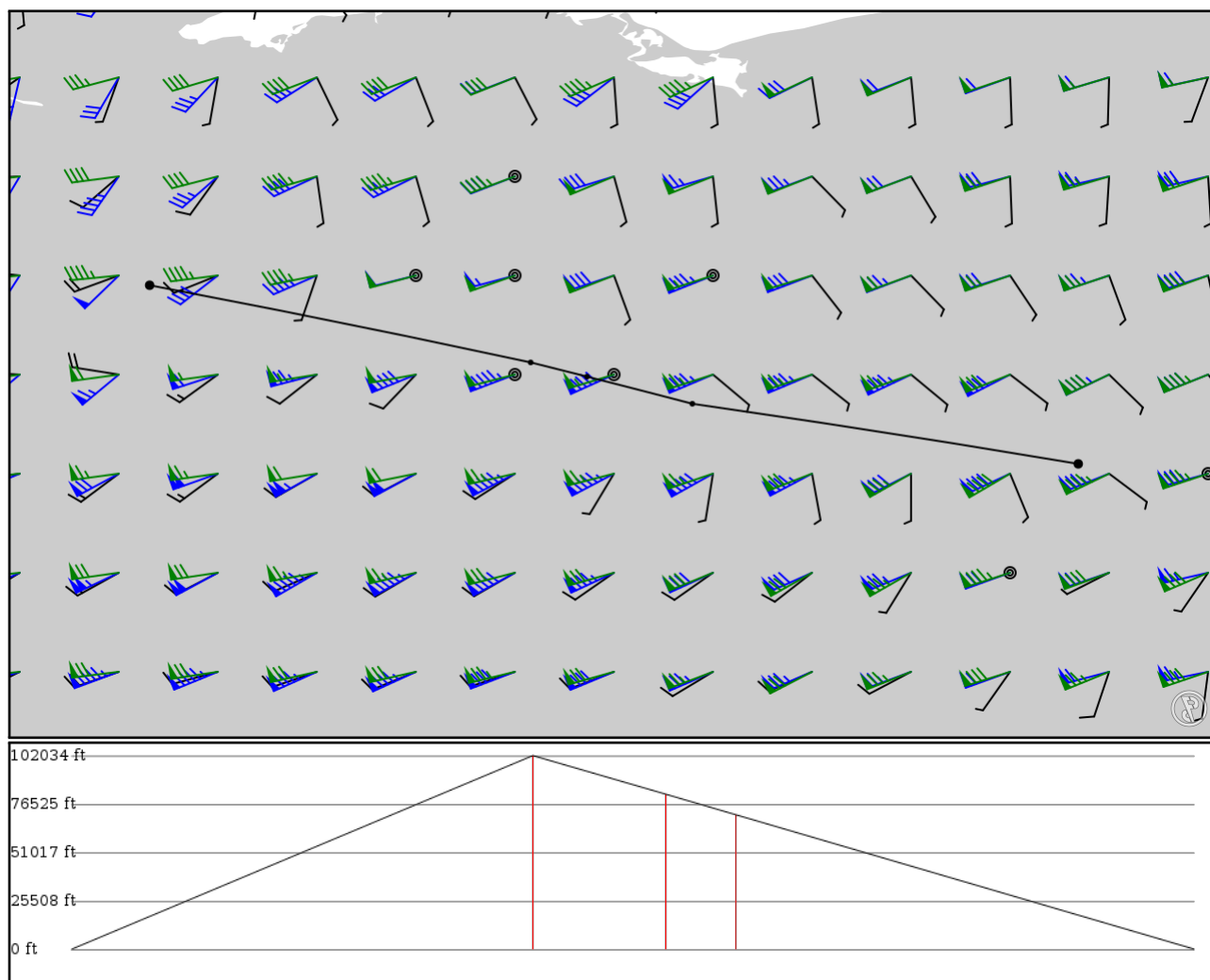


2024/06/14 1123Z

EPWR KOBUS **UL986** BOLBO EDVE

247.04 nm / 457.51 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
EPWR	-	51.10390	0 ft	-	Wroclaw-Copernicus Int'l
APT	-	16.88190	0 m	-	
KOBUS	-	51.51330	31,100 ft	101	-
FIX	-	14.25250	9,479 m	-	-
DOBUR	UL986	51.69810	24,900 ft	28	-
FIX	AWY-HI	13.53500	7,590 m	-	-
BOLBO	UL986	51.79470	21,600 ft	15	-
FIX	AWY-HI	13.15110	6,584 m	-	-
EDVE	-	52.32030	0 ft	100	Braunschweig-Wolfsburg
APT	-	10.55490	0 m	-	

## EPWR

Region: POLAND  
Timezone: EUROPE/WARSAW  
Runways: 1

Elevation: 403 ft / 123 m  
Location: 51.103900 16.881900  
Magnetic Var: 5.438 E

## METAR

EPWR 141100Z 15006KT 110V200 9999 FEW048 20/07 Q1015

## TAF

TAF EPWR 140830Z 1409/1509 15007KT CAVOK PROB40 TEMPO 1414/1419 SCT040CB

## Frequencies

REC - 124.32 MHz - ATIS  
TWR - 120.25 MHz - WROCLAW TWR  
CLD - 121.80 MHz - WROCLAW DLV

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	148 ft	8,220 ft	115.99	CONCRETE	0 ft	108 ft
	45 m	2,506 m	110.55		0 m	33 m
30	148 ft	8,220 ft	296.02	CONCRETE	0 ft	92 ft
	45 m	2,506 m	290.58		0 m	28 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	WRO	110.30 MHz	18 nm	-	-	394 ft
				33 km	-		394 m
30	LOC-ILS	WRO	110.30 MHz	18 nm	296.01	-	403 ft
				33 km	290.57		403 m
30	GS	WRO	110.30 MHz	10 nm	296.01	3.00	403 ft
				19 km	290.57		403 m

## EDVE

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

Elevation: 293 ft / 89 m  
Location: 52.320300 10.554900  
Magnetic Var: 3.822 E

## METAR

EDVE 141050Z 16009KT 120V210 9999 FEW048 21/08 Q1010

## TAF

UNKNOWN

## Frequencies

TWR - 119.82 MHz - BREMEN INFO

TWR - 120.05 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08R	532 ft	3,150 ft	85.43	GRASS	0 ft	0 ft
	162 m	960 m	81.61		0 m	0 m
26L	532 ft	3,150 ft	265.44	GRASS	0 ft	0 ft
	162 m	960 m	261.62		0 m	0 m
08	98 ft	7,553 ft	84.72	CONCRETE	988 ft	0 ft
	30 m	2,302 m	80.90		301 m	0 m
26	98 ft	7,553 ft	264.75	CONCRETE	791 ft	0 ft
	30 m	2,302 m	260.92		241 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26	LOC-ILS	BWG	108.50 MHz	18 nm	264.73	-	293 ft
				33 km	260.91		293 m
26	GS	BWG	108.50 MHz	10 nm	264.73	3.50	293 ft
				19 km	260.91		293 m