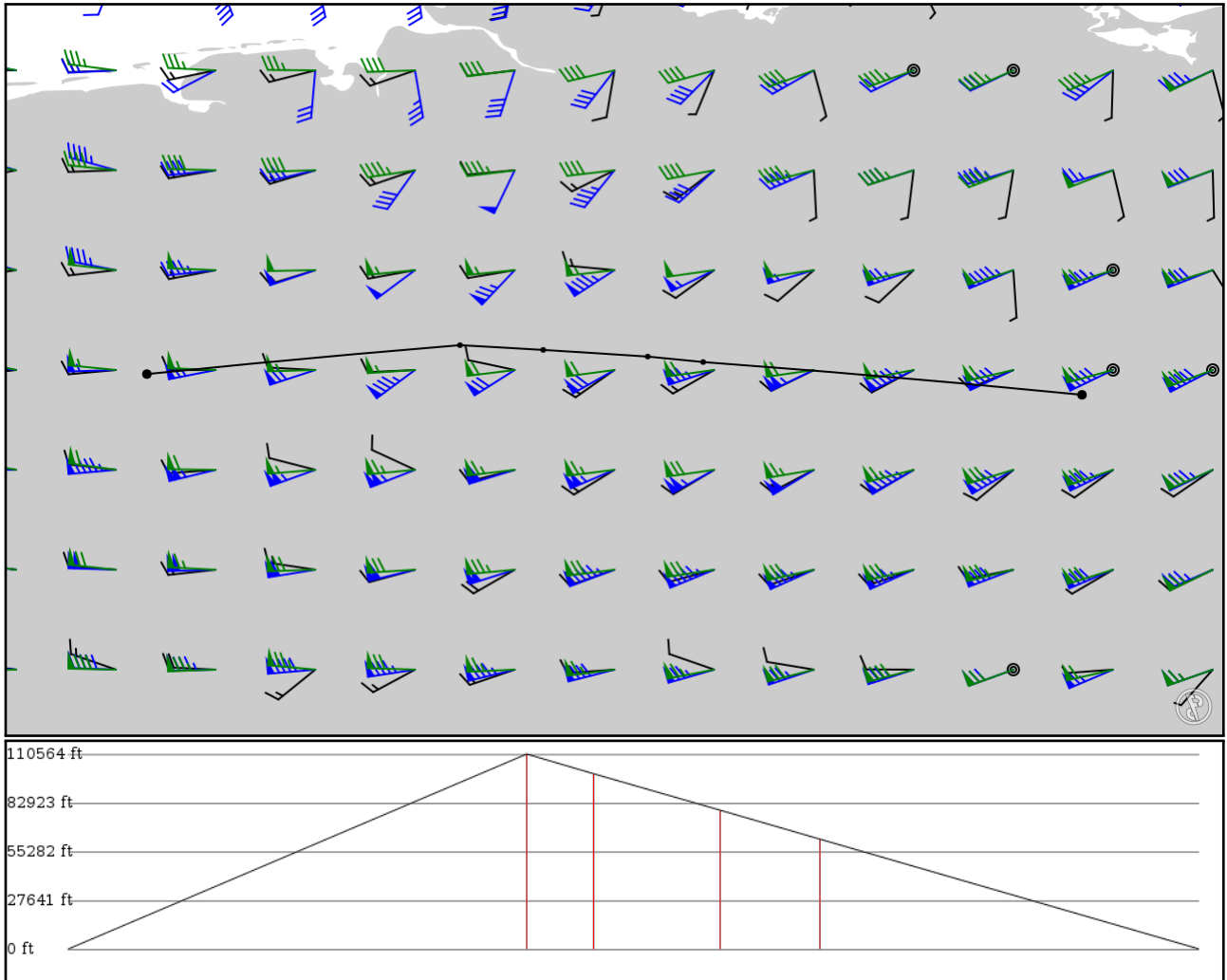


2024/06/06 0613Z

EDDC BIRKA **Z21** WRB EDDL

264.99 nm / 490.77 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 20000ft
- 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
EDDC	-	51.13437	0 ft	-	Dresden
APT	-	13.76806	0 m		
BIRKA	-	51.37944	33,700 ft	107	-
FIX	-	10.93167	10,272 m		
BERDI	Z21	51.42028	30,300 ft	15	-
FIX	AWY-LO	10.51667	9,235 m		
WERRA	Z21	51.47000	24,000 ft	29	-
FIX	AWY-LO	9.73417	7,315 m		
WRB	Z21	51.50570	19,000 ft	23	WARBURG VOR-DME
VOR	AWY-LO	9.11091	5,791 m		
EDDL	-	51.28942	0 ft	88	Duesseldorf
APT	-	6.76664	0 m		

## EDDC

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

Elevation: 751 ft / 229 m  
Location: 51.134300 13.768000  
Magnetic Var: 4.635 E

## METAR

EDDC 060550Z AUTO VRB02KT 9999 FEW010 SCT030 14/11 Q1018 NOSIG

## TAF

TAF EDDC 060500Z 0606/0706 29005KT 9999 SCT030 PROB30 TEMPO 0615/0622 SHRA SCT040CB

## Frequencies

REC - 118.87 MHz - DRESDEN ATIS  
GND - 121.75 MHz - DRESDEN APRON  
TWR - 122.92 MHz - DRESDEN TOWER

GND - 121.97 MHz - DRESDEN GROUND  
COM - 125.80 MHz - DRESDEN UNICOM  
APP - 125.87 MHz - MUENCHEN RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04	197 ft	9,359 ft	40.81	CONCRETE	0 ft	184 ft
	60 m	2,853 m	36.18		0 m	56 m
22	197 ft	9,359 ft	220.83	CONCRETE	994 ft	187 ft
	60 m	2,853 m	216.20		303 m	57 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04	LOC-ILS	IDRE	110.50 MHz	18 nm	40.83	-	751 ft
				33 km	36.19		751 m
22	LOC-ILS	IDRW	109.75 MHz	18 nm	220.83	-	751 ft
				33 km	216.19		751 m
04	GS	IDRE	110.50 MHz	10 nm	40.83	3.00	751 ft
				19 km	36.19		751 m
22	GS	IDRW	109.75 MHz	10 nm	221.83	3.00	751 ft
				19 km	217.19		751 m

## EDDL

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

Elevation: 145 ft / 44 m  
Location: 51.289400 6.766620  
Magnetic Var: 2.687 E

## METAR

EDDL 060550Z AUTO 15005KT 9999 BKN043 12/08 Q1016 NOSIG

## TAF

TAF EDDL 060500Z 0606/0712 15006KT 9999 SCT040 BECMG 0607/0610 27007KT TEMPO 0617/0619 33005KT BECMG 0619/0621 VR

## Frequencies

REC - 123.77 MHz - ATIS	CLD - 121.77 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - GROUND	GND - 121.60 MHz - GROUND
GND - 121.67 MHz - GROUND	TWR - 118.30 MHz - TOWER
TWR - 124.35 MHz - TOWER	APP - 128.55 MHz - LANGEN RADAR
APP - 121.35 MHz - LANGEN RADAR	APP - 128.50 MHz - LANGEN RADAR
APP - 128.65 MHz - DUSSELDORF DIRECTOR	DEP - 133.77 MHz - DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft	9,851 ft	52.68	CONCRETE	984 ft	659 ft
	45 m	3,003 m	49.99		300 m	201 m
23L	148 ft	9,851 ft	232.71	CONCRETE	984 ft	702 ft
	45 m	3,003 m	230.02		300 m	214 m
05L	148 ft	8,866 ft	52.68	CONCRETE	994 ft	906 ft
	45 m	2,702 m	49.99		303 m	276 m
23R	148 ft	8,866 ft	232.70	CONCRETE	971 ft	928 ft
	45 m	2,702 m	230.01		296 m	283 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	LOC-ILS	IDNE	110.95 MHz	18 nm	52.69	-	145 ft
				33 km	50.00		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.01		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.01		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.00		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.00		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.01		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.01		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.00		145 m