

EPWA

Warsaw Okęcie - Frederic Chopin

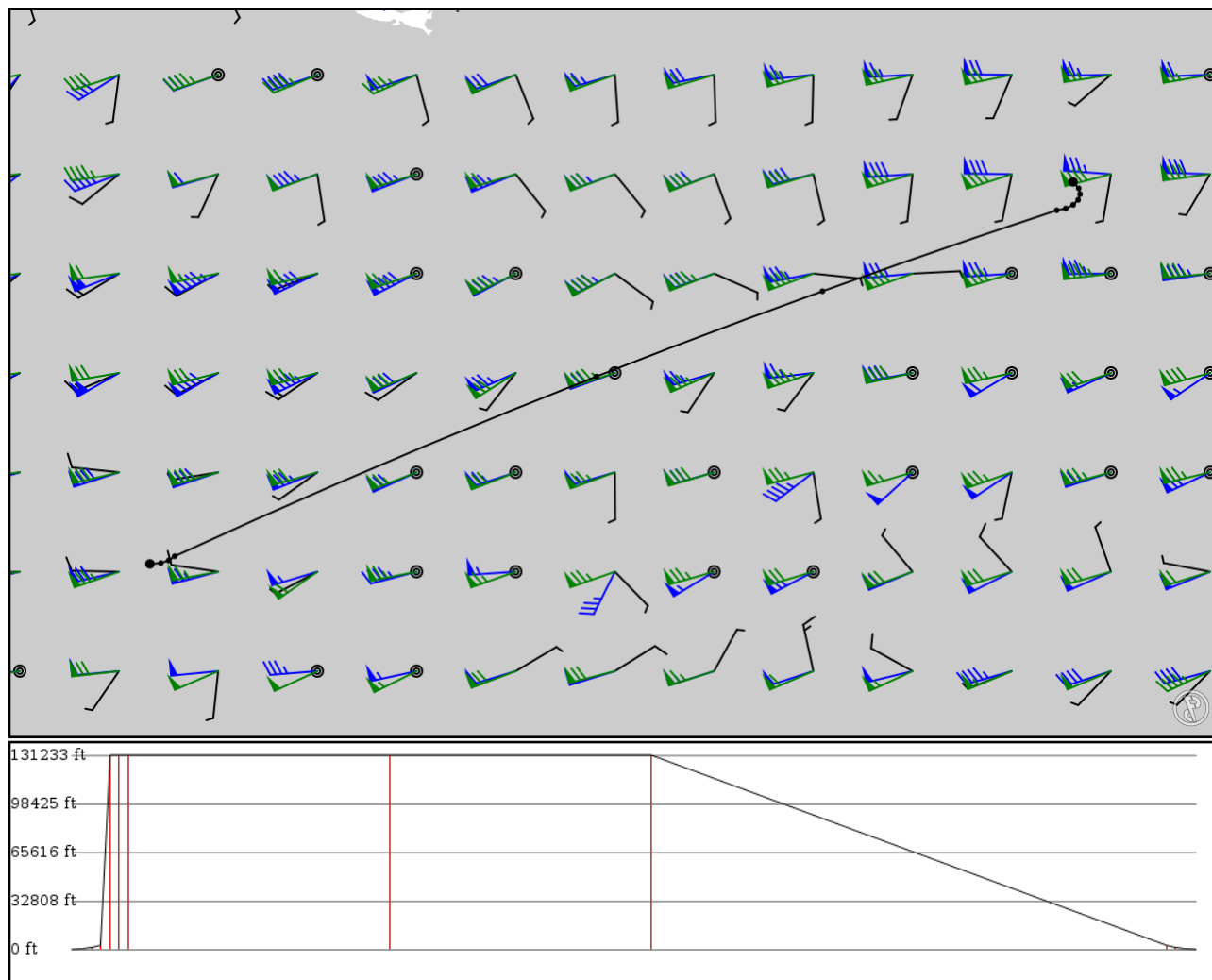
EDDM

Muenchen Franz-josef Strauss

2024/05/12 2122Z

EPWA +52.09_+021.04 +52.03_+021.05 +51.97_+021.03 +51.92_+020.98 +51.89_+020.91 +51.87_+020.82
+51.07_+018.49 +50.22_+016.25 +48.44_+012.07 +48.40_+012.01 +48.38_+011.93 EDDM

427.26 nm / 791.28 km



Notes

Departing runway 15 EPWA. Arriving runway 8 EDDM.

Advanced Generation Settings:

Turn accuracy: 20

Altitude: 40000ft

Smoothed angles: True

Runway changes allowed: True

Calculation order: Arrival --> Departure --> Intermediates

Multipass intermediates: True

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EPWA	-	52.14936	0 ft	-	-
APT	-	20.98144	0 m		
+52.09_+021.04	-	52.08557	110 ft	4	-
LATLON	-	21.03707	34 m		
+52.03_+021.05	-	52.02826	380 ft	3	-
LATLON	-	21.05047	116 m		
+51.97_+021.03	-	51.97160	790 ft	3	-
LATLON	-	21.03124	241 m		
+51.92_+020.98	-	51.92239	40,000 ft	3	-
LATLON	-	20.98176	12,192 m		
+51.89_+020.91	-	51.88657	40,000 ft	3	-
LATLON	-	20.90804	12,192 m		
+51.87_+020.82	-	51.86847	40,000 ft	3	-
LATLON	-	20.81896	12,192 m		
+51.07_+018.49	-	51.06727	40,000 ft	99	-
LATLON	-	18.49449	12,192 m		
+50.22_+016.25	-	50.22311	40,000 ft	99	-
LATLON	-	16.25171	12,192 m		
+48.44_+012.07	-	48.44304	790 ft	195	-
LATLON	-	12.06737	241 m		
+48.40_+012.01	-	48.40100	380 ft	3	-
LATLON	-	12.00738	116 m		
+48.38_+011.93	-	48.37512	110 ft	3	-
LATLON	-	11.92940	34 m		
EDDM	-	48.36688	0 ft	4	-
APT	-	11.82117	0 m		

EPWA

Region: POLAND
Timezone: EUROPE/WARSAW
Runways: 2

Elevation: 362 ft / 110 m
Location: 52.165100 20.967000
Magnetic Var: 6.623 E

METAR

EPWA 122100Z 07005KT 050V110 CAVOK 14/M02 Q1022 NOSIG

TAF

TAF EPWA 122030Z 1221/1321 03006KT CAVOK

Frequencies

REC - 120.45 MHz - ATIS	TWR - 118.30 MHz - OKECIE TOWER
GND - 121.90 MHz - OKECIE GROUND	CLD - 121.60 MHz - CLEARANCE DELIVERY
APP - 128.80 MHz - WARSAW APPROACH	APP - 125.05 MHz - WARSAW APPROACH
REC - 118.77 MHz - OLSZTYN INFORMATION	REC - 119.45 MHz - WARSAW INFORMATION

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	164 ft	9,166 ft	114.57	ASPHALT	0 ft	492 ft
	50 m	2,794 m	107.95		0 m	150 m
29	164 ft	9,166 ft	294.60	ASPHALT	1,617 ft	102 ft
	50 m	2,794 m	287.98		493 m	31 m
15	197 ft	12,093 ft	151.80	ASPHALT	0 ft	144 ft
	60 m	3,686 m	145.18		0 m	44 m
33	197 ft	12,093 ft	331.82	ASPHALT	2,159 ft	148 ft
	60 m	3,686 m	325.20		658 m	45 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	DME	WAS	109.90 MHz	18 nm	-	-	394 ft
				33 km	-		394 m
33	DME	WA	110.30 MHz	18 nm	-	-	394 ft
				33 km	-		394 m
11	LOC-ILS	WAS	109.90 MHz	18 nm	114.59	-	362 ft
				33 km	107.97		362 m
33	LOC-ILS	WA	110.30 MHz	18 nm	331.82	-	362 ft
				33 km	325.20		362 m
11	GS	WAS	109.90 MHz	10 nm	114.59	3.00	362 ft
				19 km	107.97		362 m
33	GS	WA	110.30 MHz	10 nm	331.82	3.00	362 ft
				19 km	325.20		362 m

EDDM

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

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.941 E

METAR

EDDM 122050Z AUTO 07004KT CAVOK 15/08 Q1016 NOSIG

TAF

TAF EDDM 121700Z 1218/1324 08005KT CAVOK BECMG 1300/1302 VRB02KT PROB30 TEMPO 1302/1305 1200 BCFG BECMG 1310/1312

Frequencies

REC - 123.12 MHz - MUENCHEN ATIS	COM - 122.80 MHz - MUENCHEN UNICOM
CLD - 121.72 MHz - MUENCHEN DELIVERY	GND - 121.97 MHz - MUENCHEN GROUND NORTH
GND - 121.82 MHz - MUENCHEN GROUND SOUTH	GND - 121.77 MHz - MUENCHEN APRON 1
GND - 121.70 MHz - MUENCHEN APRON 2	GND - 121.92 MHz - MUENCHEN APRON 3
TWR - 120.50 MHz - MUENCHEN TOWER SOUTH	TWR - 118.70 MHz - MUENCHEN TOWER NORTH
APP - 123.90 MHz - MUENCHEN RADAR NORTH	APP - 127.95 MHz - MUENCHEN RADAR SOUTH
APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH	APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH
APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH	APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	197 ft	13,135 ft	83.39	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.45		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.49		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.43		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.47		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IMNE	109.50 MHz	18 nm	83.41	-	1,484 ft
				33 km	79.47		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.45		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.45		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.47		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.47		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.45		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.45		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.47		1,484 m