

# EPWA

WARSZAWA Okecie

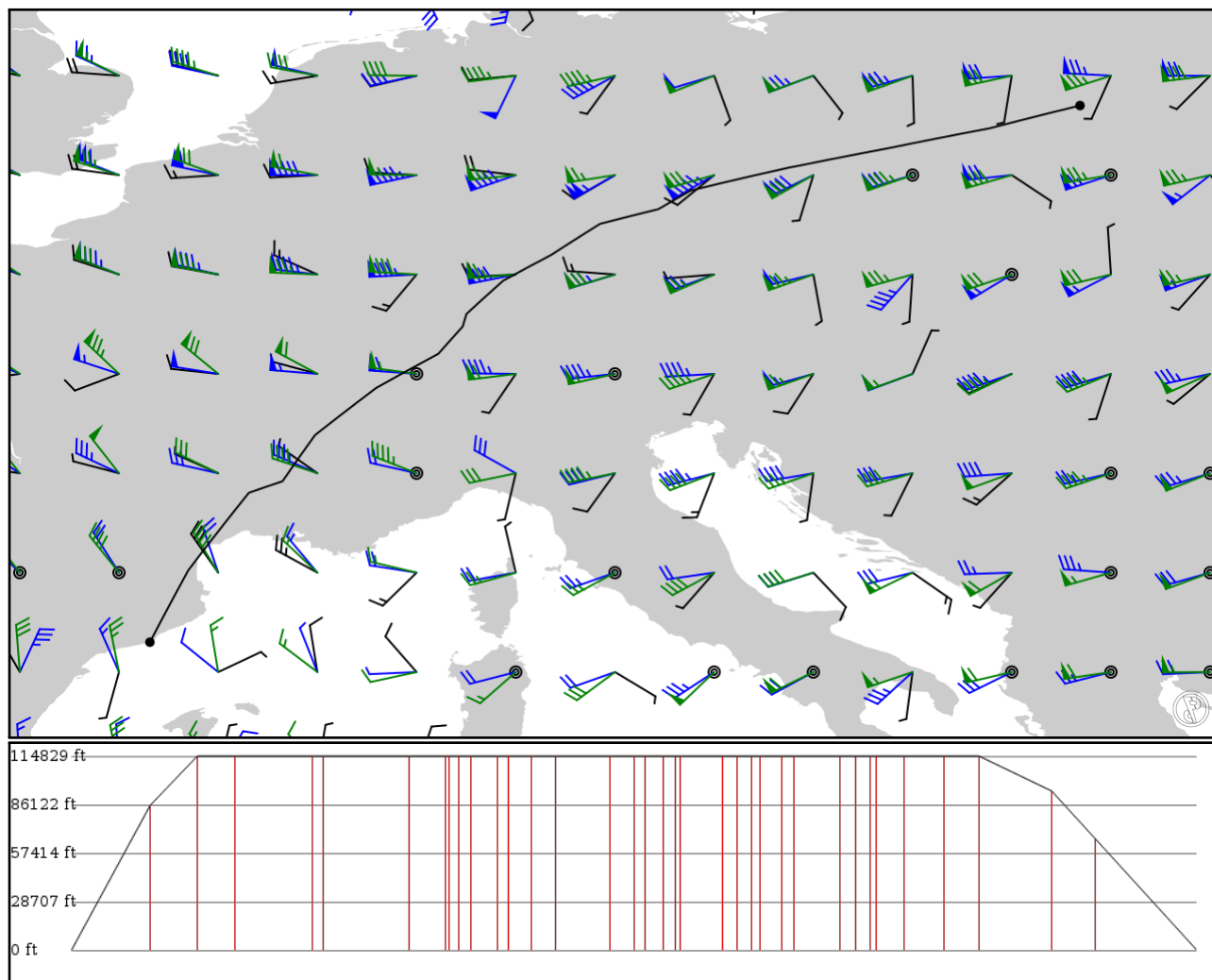
# LEBL

Barcelona - El Prat

2024/05/23 0747Z

EPWA GULPO **N869** MIXAT **UN869** UVSOV **N869** OKX **UN869** KONAR **N869** NOGRA **UN869** ANELA **N869** KEGOS **UN869**  
DKB **TR11** TGO **T724** RILAX **T721** TRA **Z58** BERSU **N871** SOPLO **UN871** GIPNO **N871** LTP **B16** ROMAM **A6** MTL **UZ38**  
PPG LEBL

1047.39 nm / 1939.76 km



## Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 38000ft
- 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
EPWA	-	52.16509	0 ft	-	WARSZAWA Okecie
APT	-	20.96692	0 m		
GULPO	-	51.70389	26,100 ft	73	-
FIX	-	19.13250	7,955 m		
MIXAT	N869	51.48833	35,000 ft	43	-
FIX	AWY-LO	18.00806	10,668 m		
TRZ	UN869	51.30816	35,000 ft	35	TRZEBNICA VOR-DME
VOR	AWY-HI	17.11431	10,668 m		
UVSOV	UN869	50.95306	35,000 ft	71	-
FIX	AWY-HI	15.29333	10,668 m		
OKX	N869	50.90268	35,000 ft	10	FRYDLANT VOR-DME
VOR	AWY-LO	15.03190	10,668 m		
KONAR	UN869	50.44514	35,000 ft	79	-
FIX	AWY-HI	13.06558	10,668 m		
OKG	N869	50.06515	35,000 ft	34	CHEB VOR-DME
VOR	AWY-LO	12.40574	10,668 m		
ERL51	N869	50.04472	35,000 ft	3	-
FIX	AWY-LO	12.32139	10,668 m		
RONIG	N869	49.98917	35,000 ft	9	-
FIX	AWY-LO	12.09722	10,668 m		
NOGRA	N869	49.92056	35,000 ft	11	-
FIX	AWY-LO	11.82167	10,668 m		
ANELA	UN869	49.76889	35,000 ft	24	-
FIX	AWY-HI	11.22472	10,668 m		
KEGOS	N869	49.66056	35,000 ft	9	-
FIX	AWY-LO	11.05139	10,668 m		
NORAS	UN869	49.40667	35,000 ft	21	-
FIX	AWY-HI	10.64917	10,668 m		
DKB	UN869	49.14275	35,000 ft	22	DINKELSBUHL VORTAC
VOR	AWY-HI	10.23831	10,668 m		
TGO	TR11	48.61841	35,000 ft	49	TANGO VORTAC
VOR	AWY-HI	9.25921	10,668 m		
SOLGO	T724	48.31167	35,000 ft	22	-
FIX	AWY-LO	8.91750	10,668 m		
EMKIL	T724	48.17417	35,000 ft	10	-
FIX	AWY-LO	8.76472	10,668 m		
RILAX	T724	47.94278	35,000 ft	17	-
FIX	AWY-LO	8.51361	10,668 m		
EDUMI	T721	47.76139	35,000 ft	11	-
FIX	AWY-LO	8.45861	10,668 m		
TRA	T721	47.68950	35,000 ft	4	TRASADINGEN VOR-DME
VOR	AWY-LO	8.43695	10,668 m		
BERSU	Z58	47.13556	35,000 ft	38	-
FIX	AWY-LO	7.94139	10,668 m		
KONOL	N871	46.99528	35,000 ft	13	-
FIX	AWY-LO	7.68083	10,668 m		
KORED	N871	46.85056	35,000 ft	13	-
FIX	AWY-LO	7.41417	10,668 m		
TELNO	N871	46.77194	35,000 ft	7	-
FIX	AWY-LO	7.27083	10,668 m		
SOSAL	N871	46.55806	35,000 ft	20	-
FIX	AWY-LO	6.88444	10,668 m		
MOLUS	N871	46.44389	35,000 ft	10	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	6.67944	10,668 m		
OMASI	N871	45.90611	35,000 ft	43	-
FIX	AWY-LO	5.97417	10,668 m		
SOPLO	N871	45.72889	35,000 ft	14	-
FIX	AWY-LO	5.74583	10,668 m		
GIPNO	UN871	45.56000	35,000 ft	13	-
FIX	AWY-HI	5.52917	10,668 m		
LTP	N871	45.48897	35,000 ft	5	LA TOUR DU PIN-Lyon Est VOR-DM
VOR	AWY-LO	5.43906	10,668 m		
ROMAM	B16	45.10278	35,000 ft	25	-
FIX	AWY-LO	5.16333	10,668 m		
MTL	A6	44.55494	35,000 ft	36	MONTELMAR ANCONA VOR-DME
VOR	AWY-LO	4.77986	10,668 m		
NAKIS	UZ38	44.32258	35,000 ft	32	-
FIX	AWY-HI	4.09808	10,668 m		
BOLSA	UZ38	43.33408	28,700 ft	68	-
FIX	AWY-HI	3.31508	8,748 m		
PPG	UZ38	42.75047	20,100 ft	40	PERPIGNAN RIVESALTES VOR-DME
VOR	AWY-HI	2.86714	6,126 m		
LEBL	-	41.29511	0 ft	94	Barcelona - El Prat
APT	-	2.08803	0 m		

## EPWA

Region: POLAND  
Timezone: EUROPE/WARSAW  
Runways: 2

Elevation: 362 ft / 110 m  
Location: 52.165100 20.967000  
Magnetic Var: 6.627 E

## METAR

EPWA 230730Z 13005KT 9999 FEW011 18/16 Q1014 NOSIG

## TAF

TAF EPWA 230530Z 2306/2406 11005KT 9999 BKN040 TEMPO 2306/2321 4500 SHRA BKN010 BKN025CB PROB40 TEMPO 2310/2316 V

## 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	145.17		0 m	44 m
33	197 ft	12,093 ft	331.82	ASPHALT	2,159 ft	148 ft
	60 m	3,686 m	325.19		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	107.96		362 m
33	LOC-ILS	WA	110.30 MHz	18 nm	331.82	-	362 ft
				33 km	325.19		362 m
11	GS	WAS	109.90 MHz	10 nm	114.59	3.00	362 ft
				19 km	107.96		362 m
33	GS	WA	110.30 MHz	10 nm	331.82	3.00	362 ft
				19 km	325.19		362 m

## LEBL

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 3

Elevation: 14 ft / 4 m  
Location: 41.295100 2.088030  
Magnetic Var: 1.545 E

## METAR

LEBL 230730Z 08010KT 050V120 9999 FEW025 19/12 Q1018 NOSIG

## TAF

TAF LEBL 230500Z 2306/2406 33007KT 9999 FEW030 TX20/2312Z TN15/2306Z BECMG 2306/2308 08009KT PROB30 TEMPO 2306/2308 08009KT

## Frequencies

REC - 121.97 MHz - ATIS	REC - 118.65 MHz - ATIS
TWR - 118.32 MHz - BARCELONA TOWER	TWR - 118.10 MHz - BARCELONA TOWER
TWR - 122.82 MHz - BARCELONA TOWER	TWR - 122.10 MHz - BARCELONA TOWER
GND - 122.22 MHz - BARCELONA GROUND	GND - 121.70 MHz - BARCELONA GROUND
GND - 121.65 MHz - BARCELONA GROUND	CLD - 121.80 MHz - CLEARANCE DELIVERY
APP - 121.15 MHz - BARCELONA APPROACH	APP - 119.10 MHz - BARCELONA APPROACH
APP - 135.27 MHz - BARCELONA APPROACH	APP - 133.97 MHz - BARCELONA APPROACH
APP - 131.12 MHz - BARCELONA APPROACH	APP - 127.70 MHz - BARCELONA APPROACH
APP - 126.50 MHz - BARCELONA APPROACH	APP - 124.70 MHz - BARCELONA APPROACH
APP - 125.25 MHz - BARCELONA APPROACH	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	148 ft	8,307 ft	18.91	ASPHALT	0 ft	0 ft
	45 m	2,532 m	17.37		0 m	0 m
20	148 ft	8,307 ft	198.92	ASPHALT	0 ft	226 ft
	45 m	2,532 m	197.37		0 m	69 m
07R	197 ft	8,722 ft	65.48	ASPHALT	0 ft	0 ft
	60 m	2,658 m	63.94		0 m	0 m
25L	197 ft	8,722 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	2,658 m	243.96		0 m	0 m
07L	197 ft	10,984 ft	65.48	ASPHALT	1,401 ft	0 ft
	60 m	3,348 m	63.94		427 m	0 m
25R	197 ft	10,984 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	3,348 m	243.96		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	DME	BLT	108.75 MHz	25 nm	-	-	12 ft
				46 km	-		12 m
07L	DME	QAA	110.30 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
07R	DME	BLE	110.75 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
25L	DME	BLW	111.50 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
25R	DME	BCA	109.50 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
02	LOC-ILS	BLT	108.75 MHz	18 nm	18.92	-	14 ft
				33 km	17.37		14 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	LOC-ILS	QAA	110.30 MHz	18 nm	65.50	-	14 ft
				33 km	63.95		14 m
07R	LOC-ILS	BLE	110.75 MHz	18 nm	65.50	-	14 ft
				33 km	63.95		14 m
25L	LOC-ILS	BLW	111.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.95		14 m
25R	LOC-ILS	BCA	109.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.95		14 m
02	GS	BLT	108.75 MHz	10 nm	18.92	3.00	14 ft
				19 km	17.37		14 m
07L	GS	QAA	110.30 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.95		14 m
07R	GS	BLE	110.75 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.95		14 m
25L	GS	BLW	111.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.95		14 m
25R	GS	BCA	109.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.95		14 m