

EDDG

Muenster Osnabrueck

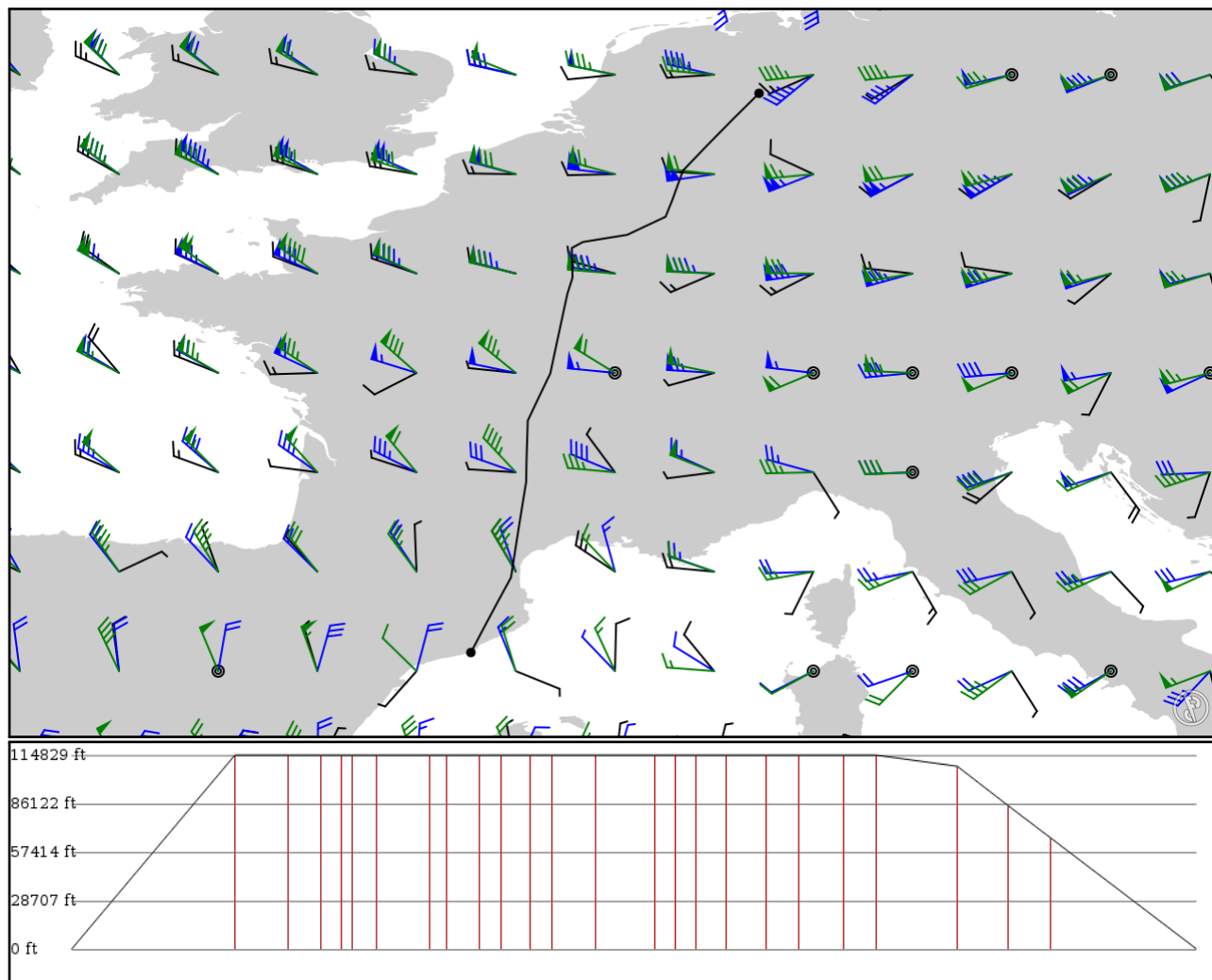
LEBL

Josep Tarradellas Barcelona-El Prat

2024/05/20 1319Z

EDDG DENOV **UM615** IDOSA **Y180** MMD **M163** SUIPE **J10** DIKOL **B3** VATRI **G40** TRO **B373** MOU **A27** CFA **UY27** MEN
A27 SIJAN **UY27** PPG LEBL

725.12 nm / 1342.92 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
EDDG	-	52.13460	0 ft	-	Muenster Osnabrueck
APT	-	7.68483	0 m		
DENOV	-	50.63670	35,000 ft	105	-
FIX	-	6.20722	10,668 m		
GESLO	UM615	50.07920	35,000 ft	34	-
FIX	AWY-HI	6.00500	10,668 m		
IDOSA	UM615	49.74170	35,000 ft	20	-
FIX	AWY-HI	5.86972	10,668 m		
TILVI	Y180	49.60830	35,000 ft	13	-
FIX	AWY-LO	5.58417	10,668 m		
FIR04	Y180	49.54690	35,000 ft	6	-
FIX	AWY-LO	5.45278	10,668 m		
MMD	Y180	49.39130	35,000 ft	15	MONTMEDY
VOR	AWY-LO	5.12442	10,668 m		
SUIPE	M163	49.25330	35,000 ft	34	-
FIX	AWY-LO	4.26500	10,668 m		
DIKOL	J10	49.13750	35,000 ft	10	-
FIX	AWY-LO	4.04917	10,668 m		
VATRI	B3	48.79330	35,000 ft	20	-
FIX	AWY-LO	4.05833	10,668 m		
ARSIL	G40	48.56000	35,000 ft	14	-
FIX	AWY-LO	4.06167	10,668 m		
TRO	G40	48.25120	35,000 ft	18	TROYES BARBEREY
VOR	AWY-LO	3.96314	10,668 m		
LUREN	B373	48.02580	35,000 ft	13	-
FIX	AWY-LO	3.91389	10,668 m		
AVLON	B373	47.56000	35,000 ft	28	-
FIX	AWY-LO	3.81333	10,668 m		
NEPAP	B373	46.93390	35,000 ft	37	-
FIX	AWY-LO	3.67944	10,668 m		
MOU	B373	46.70680	35,000 ft	13	MOULINS
VOR	AWY-LO	3.63167	10,668 m		
BAKNO	A27	46.50000	35,000 ft	13	-
FIX	AWY-LO	3.53139	10,668 m		
PESAN	A27	46.19920	35,000 ft	19	-
FIX	AWY-LO	3.38722	10,668 m		
CFA	A27	45.78750	35,000 ft	26	CLERMONT FERRAND AUVERGNE
VOR	AWY-LO	3.19219	10,668 m		
MALEB	UY27	45.43080	35,000 ft	21	-
FIX	AWY-HI	3.18139	10,668 m		
MOKDI	UY27	44.95690	35,000 ft	28	-
FIX	AWY-HI	3.16694	10,668 m		
MEN	UY27	44.60840	35,000 ft	20	MENDE
VOR	AWY-HI	3.16242	10,668 m		
BRUSC	A27	43.74750	33,000 ft	52	-
FIX	AWY-LO	3.02333	10,058 m		
SIJAN	A27	43.19750	25,900 ft	33	-
FIX	AWY-LO	2.93694	7,894 m		
PPG	UY27	42.75050	20,100 ft	27	PERPIGNAN RIVESALTES
VOR	AWY-HI	2.86714	6,126 m		
LEBL	-	41.29510	0 ft	94	Josep Tarradellas Barcelona-El Prat
APT	-	2.08803	0 m		

EDDG

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

Elevation: 159 ft / 48 m
Location: 52.134600 7.684830
Magnetic Var: 2.956 E

METAR

EDDG 201250Z AUTO VRB04KT 9999 FEW026 21/13 Q1011 NOSIG

TAF

TAF TAF EDDG 201100Z 2012/2112 VRB03KT 9999 SCT015 PROB30 TEMPO 2102/2106 4000 BCFG BECMG 2105/2108 07007KT

Frequencies

REC - 127.17 MHz - ATIS
REC - 123.52 MHz - LANGEN INFO
APP - 129.30 MHz - LANGEN RADAR

GND - 121.87 MHz -
TWR - 129.80 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	148 ft	7,100 ft	71.03	ASPHALT	0 ft	203 ft
	45 m	2,164 m	68.07		0 m	62 m
25	148 ft	7,100 ft	251.05	ASPHALT	653 ft	197 ft
	45 m	2,164 m	248.09		199 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	LOC-ILS	IMOE	111.75 MHz	18 nm	71.04	-	159 ft
				33 km	68.08		159 m
25	LOC-ILS	IMOW	110.10 MHz	18 nm	251.04	-	159 ft
				33 km	248.08		159 m
07	GS	IMOE	111.75 MHz	10 nm	71.04	3.00	159 ft
				19 km	68.08		159 m
25	GS	IMOW	110.10 MHz	10 nm	251.04	3.00	159 ft
				19 km	248.08		159 m

LEBL

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 3

Elevation: 14 ft / 4 m
Location: 41.295100 2.088030
Magnetic Var: 1.544 E

METAR

LEBL 201300Z 21013KT 9999 FEW030 20/14 Q1009 TEMPO FEW025CB

TAF

TAF LEBL 201100Z 2012/2112 21010KT 9999 FEW030 TX23/2012Z TN14/2105Z TEMPO 2012/2020 FEW025CB PROB30 TEMPO 2012/2112

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	17.38		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	63.96		14 m
07R	LOC-ILS	BLE	110.75 MHz	18 nm	65.50	-	14 ft
				33 km	63.96		14 m
25L	LOC-ILS	BLW	111.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.96		14 m
25R	LOC-ILS	BCA	109.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.96		14 m
02	GS	BLT	108.75 MHz	10 nm	18.92	3.00	14 ft
				19 km	17.38		14 m
07L	GS	QAA	110.30 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.96		14 m
07R	GS	BLE	110.75 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.96		14 m
25L	GS	BLW	111.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.96		14 m
25R	GS	BCA	109.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.96		14 m