

LEMG

Málaga-Costa del Sol

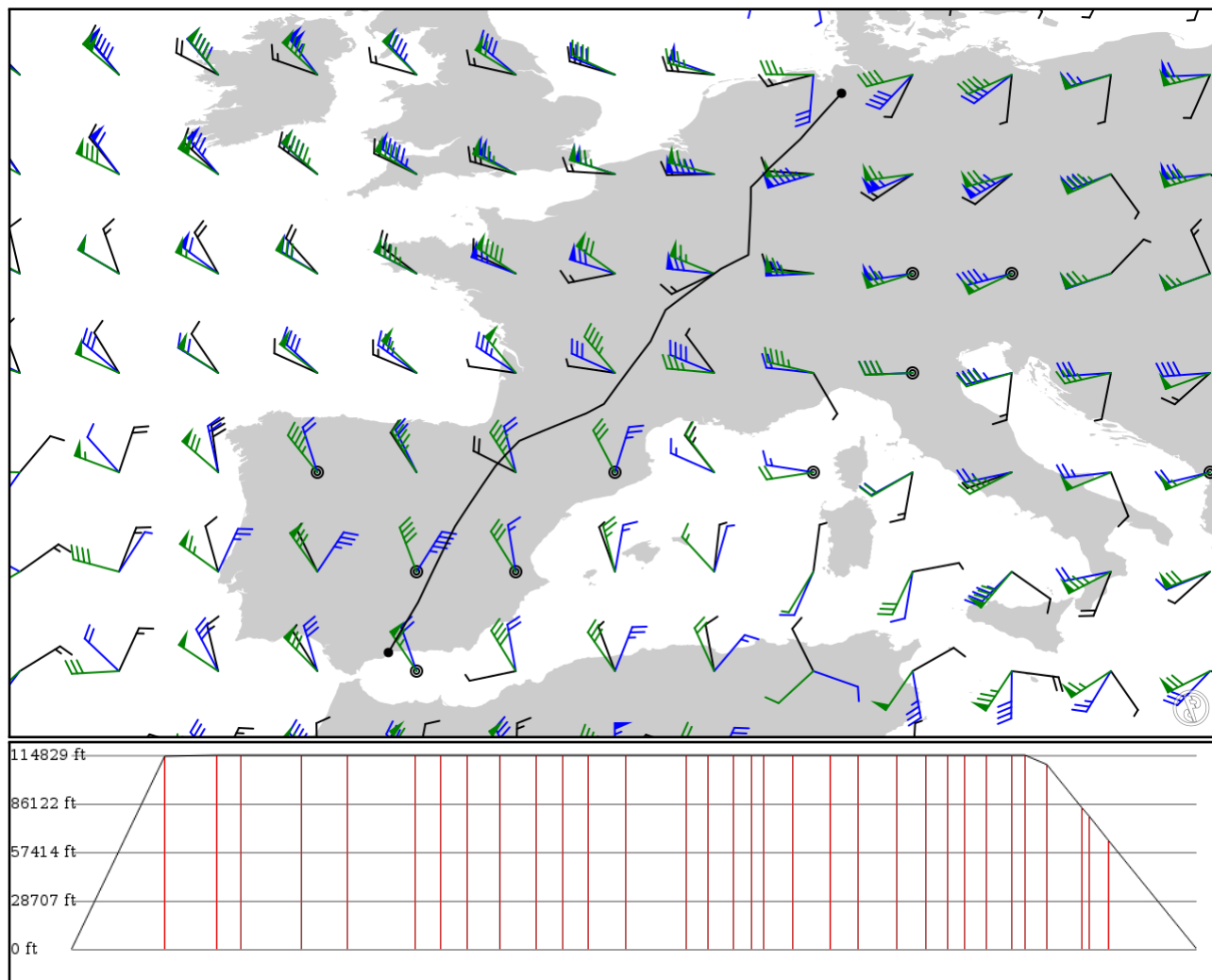
EDDW

Bremen

2024/05/20 2254Z

LEMG BLN **UL27** LARDA **UN871** GAI **UV12** SOMTI **V12** CFA **A27** MOU **G21** EPL **UM624** DIK **UN853** ARCKY **T853** NVO
UM170 DOMEQ EDDW

1172.11 nm / 2170.75 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
LEMG	-	36.68020	0 ft	-	Málaga-Costa del Sol
APT	-	-4.49665	0 m		
BLN	-	38.15250	34,800 ft	97	BAILÉN
VOR	-	-3.62500	10,607 m		
ANZAN	UL27	39.00000	35,000 ft	54	-
FIX	AWY-HI	-3.22144	10,668 m		
NASOS	UL27	39.39910	35,000 ft	25	-
FIX	AWY-HI	-3.02778	10,668 m		
CJN	UL27	40.37200	35,000 ft	62	CASTEJÓN
VOR	AWY-HI	-2.54461	10,668 m		
BRITO	UL27	41.07910	35,000 ft	47	-
FIX	AWY-HI	-2.07803	10,668 m		
LARDA	UL27	42.13160	35,000 ft	70	-
FIX	AWY-HI	-1.36208	10,668 m		
RONKO	UN871	42.49600	35,000 ft	26	-
FIX	AWY-HI	-1.03067	10,668 m		
LATEK	UN871	42.87500	35,000 ft	28	-
FIX	AWY-HI	-0.65694	10,668 m		
OBUTO	UN871	43.15920	35,000 ft	34	-
FIX	AWY-HI	0.02083	10,668 m		
GONUP	UN871	43.46080	35,000 ft	36	-
FIX	AWY-HI	0.75889	10,668 m		
TOU	UN871	43.68080	35,000 ft	27	TOULOUSE BLAGNAC
VOR	AWY-HI	1.30981	10,668 m		
GAI	UN871	43.95410	35,000 ft	27	GAILLAC
VOR	AWY-HI	1.82417	10,668 m		
NASEP	UV12	44.51500	35,000 ft	37	-
FIX	AWY-HI	2.23222	10,668 m		
SOMTI	UV12	45.45020	35,000 ft	63	-
FIX	AWY-HI	2.93292	10,668 m		
CFA	V12	45.78750	35,000 ft	22	CLERMONT FERRAND AUVERGNE
VOR	AWY-LO	3.19219	10,668 m		
PESAN	A27	46.19920	35,000 ft	26	-
FIX	AWY-LO	3.38722	10,668 m		
BAKNO	A27	46.50000	35,000 ft	19	-
FIX	AWY-LO	3.53139	10,668 m		
MOU	A27	46.70680	35,000 ft	13	MOULINS
VOR	AWY-LO	3.63167	10,668 m		
CACHI	G21	47.06670	35,000 ft	29	-
FIX	AWY-LO	4.10667	10,668 m		
KASON	G21	47.55830	35,000 ft	40	-
FIX	AWY-LO	4.77000	10,668 m		
RLP	G21	47.90630	35,000 ft	28	ROLAMPONT
VOR	AWY-LO	5.24917	10,668 m		
EPL	G21	48.31780	35,000 ft	40	EPINAL MIRECOURT
VOR	AWY-LO	6.05942	10,668 m		
NANCY	UM624	48.81750	35,000 ft	30	-
FIX	AWY-HI	6.08389	10,668 m		
JARNY	UM624	49.19330	35,000 ft	22	-
FIX	AWY-HI	6.10000	10,668 m		
ROUSY	UM624	49.47640	35,000 ft	17	-
FIX	AWY-HI	6.11500	10,668 m		
DIK	UM624	49.86130	35,000 ft	23	DIEKIRCH

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	6.12975	10,668 m		
ARCKY	UN853	50.29920	35,000 ft	26	-
FIX	AWY-HI	6.13222	10,668 m		
IBESA	T853	50.49420	35,000 ft	14	-
FIX	AWY-HI	6.33278	10,668 m		
NVO	T853	50.82270	33,300 ft	22	NOERVENICH
VOR	AWY-LO	6.63654	10,150 m		
BAM	UM170	51.32780	25,500 ft	36	BARMEN
VOR	AWY-HI	7.17698	7,772 m		
ABAMI	UM170	51.42500	24,000 ft	7	-
FIX	AWY-HI	7.28056	7,315 m		
DOEG	UM170	51.70950	19,600 ft	20	-
FIX	AWY-HI	7.58713	5,974 m		
EDDW	-	53.04570	0 ft	91	Bremen
APT	-	8.78900	0 m		

LEMG

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 2

Elevation: 52 ft / 16 m
Location: 36.680200 -4.496650
Magnetic Var: 0.152 W

METAR

LEMG 202230Z 29009KT CAVOK 19/08 Q1015 NOSIG

TAF

TAF LEMG 201700Z 2018/2118 30008KT CAVOK TX26/2114Z TN17/2106Z PROB40 TEMPO 2114/2118 23010KT

Frequencies

REC - 124.47 MHz - ATIS	CLD - 121.80 MHz - CLEARANCE DELIVERY
TWR - 118.15 MHz - MALAGA TOWER	TWR - 118.77 MHz - MALAGA TOWER
GND - 121.70 MHz - MALAGA GROUND	GND - 121.95 MHz - MALAGA GROUND
APP - 118.45 MHz - MALAGA APPROACH	APP - 123.95 MHz - MALAGA APPROACH
APP - 128.80 MHz - MALAGA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	148 ft	10,498 ft	131.69	ASPHALT	0 ft	0 ft
	45 m	3,200 m	131.84		0 m	0 m
31	148 ft	10,498 ft	311.70	ASPHALT	0 ft	0 ft
	45 m	3,200 m	311.86		0 m	0 m
12	148 ft	9,020 ft	117.69	ASPHALT	0 ft	0 ft
	45 m	2,749 m	117.84		0 m	0 m
30	148 ft	9,020 ft	297.71	ASPHALT	0 ft	0 ft
	45 m	2,749 m	297.86		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	IMG	110.55 MHz	18 nm	-	-	52 ft
				33 km	-		52 m
13	DME	GMM	109.50 MHz	18 nm	-	-	69 ft
				33 km	-		69 m
31	DME	GAA	109.90 MHz	18 nm	-	-	56 ft
				33 km	-		56 m
12	LOC-ILS	IMG	110.55 MHz	18 nm	117.69	-	52 ft
				33 km	117.84		52 m
13	LOC-ILS	GMM	109.50 MHz	18 nm	131.70	-	52 ft
				33 km	131.85		52 m
31	LOC-ILS	GAA	109.90 MHz	18 nm	311.70	-	52 ft
				33 km	311.85		52 m
12	GS	IMG	110.55 MHz	10 nm	117.69	3.00	52 ft
				19 km	117.84		52 m
13	GS	GMM	109.50 MHz	10 nm	131.70	3.20	52 ft
				19 km	131.85		52 m
31	GS	GAA	109.90 MHz	10 nm	311.70	3.00	52 ft
				19 km	311.85		52 m

EDDW

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

Elevation: 14 ft / 4 m
Location: 53.045700 8.789000
Magnetic Var: 3.306 E

METAR

EDDW 202220Z AUTO 08006KT CAVOK 15/13 Q1012

TAF

TAF EDDW 201700Z 2018/2118 07008KT CAVOK PROB30 TEMPO 2018/2019 4000 TSRA BKN020CB PROB30 TEMPO 2101/2106 3000 BR

Frequencies

GND - 121.75 MHz -
TWR - 118.50 MHz -
APP - 124.80 MHz - RADAR

TWR - 125.10 MHz - INFO
TWR - 134.82 MHz -
APP - 136.27 MHz - RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	75 ft	2,299 ft	51.50	ASPHALT	0 ft	0 ft
	23 m	701 m	48.19		0 m	0 m
23	75 ft	2,299 ft	231.51	ASPHALT	0 ft	0 ft
	23 m	701 m	228.20		0 m	0 m
09	148 ft	8,616 ft	87.78	ASPHALT	945 ft	0 ft
	45 m	2,626 m	84.48		288 m	0 m
27	148 ft	8,616 ft	267.82	ASPHALT	984 ft	0 ft
	45 m	2,626 m	264.51		300 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	LOC-ILS	IBRE	110.30 MHz	18 nm	87.80	-	14 ft
				33 km	84.49		14 m
27	LOC-ILS	IBRW	110.90 MHz	18 nm	267.80	-	14 ft
				33 km	264.49		14 m
09	GS	IBRE	110.30 MHz	10 nm	87.80	3.00	14 ft
				19 km	84.49		14 m
27	GS	IBRW	110.90 MHz	10 nm	267.80	3.00	14 ft
				19 km	264.49		14 m