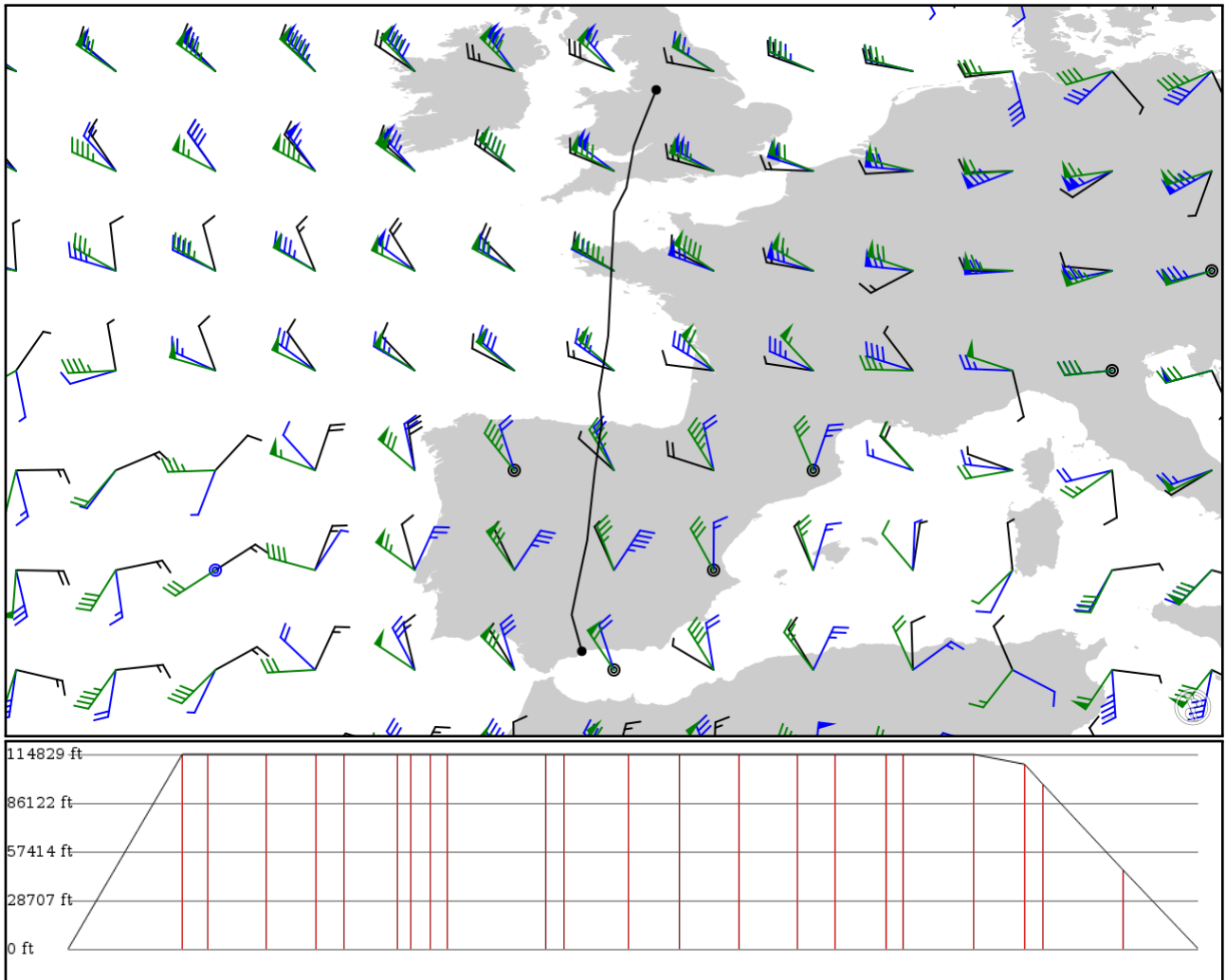


2024/05/11 1816Z

EGCC ERNOK **N862** LAMAT **N90** NOTRO **UM30** SALCO **UN864** RATAS **B42** NEA **UN864** ORBIS **B42** TLD **UN864** MONTO
B42 VULPE LEMG

1011.73 nm / 1873.72 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 250ft
- 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
EGCC	-	53.34714	0 ft	-	Manchester Intl
APT	-	-2.28395	0 m		
ERNOK	-	51.69167	35,000 ft	102	-
FIX	-	-2.94556	10,668 m		
LAMAT	N862	51.30194	35,000 ft	23	-
FIX	AWY-LO	-3.01750	10,668 m		
NOTRO	N90	50.43667	35,000 ft	52	-
FIX	AWY-LO	-3.17250	10,668 m		
SALCO	UM30	49.73722	35,000 ft	44	-
FIX	AWY-HI	-3.52944	10,668 m		
MUREL	UN864	49.32139	35,000 ft	24	-
FIX	AWY-HI	-3.55056	10,668 m		
LARSI	UN864	48.51639	35,000 ft	48	-
FIX	AWY-HI	-3.59167	10,668 m		
ARE	UN864	48.33264	35,000 ft	11	MONTs D ARREE VOR
VOR	AWY-HI	-3.60247	10,668 m		
TERKU	UN864	48.03000	35,000 ft	18	-
FIX	AWY-HI	-3.61667	10,668 m		
POMTA	UN864	47.78639	35,000 ft	14	-
FIX	AWY-HI	-3.62778	10,668 m		
NOVAN	UN864	46.32222	35,000 ft	87	-
FIX	AWY-HI	-3.69917	10,668 m		
TUROP	UN864	46.03750	35,000 ft	17	-
FIX	AWY-HI	-3.71333	10,668 m		
PEPET	UN864	45.08417	35,000 ft	57	-
FIX	AWY-HI	-3.86722	10,668 m		
DELOG	UN864	44.32889	35,000 ft	45	-
FIX	AWY-HI	-3.98750	10,668 m		
SNR	UN864	43.44978	35,000 ft	52	SANTANDER VOR-DME
VOR	AWY-HI	-3.90241	10,668 m		
RATAS	UN864	42.57445	35,000 ft	52	-
FIX	AWY-HI	-4.03077	10,668 m		
NEA	B42	42.02761	35,000 ft	33	TABANERA VOR-DME
VOR	AWY-LO	-4.10913	10,668 m		
ORBIS	UN864	41.26572	35,000 ft	45	-
FIX	AWY-HI	-4.19534	10,668 m		
DISKO	B42	41.01524	35,000 ft	15	-
FIX	AWY-LO	-4.22324	10,668 m		
TLD	B42	39.96946	35,000 ft	63	TOLEDO VOR-DME
VOR	AWY-LO	-4.33747	10,668 m		
MONTO	UN864	39.22177	33,200 ft	45	-
FIX	AWY-HI	-4.49683	10,119 m		
CRISA	B42	38.93861	29,600 ft	17	-
FIX	AWY-LO	-4.55628	9,022 m		
VULPE	B42	37.76122	14,200 ft	71	-
FIX	AWY-LO	-4.79843	4,328 m		
LEMG	-	36.67978	0 ft	66	Malaga
APT	-	-4.49590	0 m		

EGCC

Region: UNITED KINGDOM
Timezone: EUROPE/LONDON
Runways: 2

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.458 W

METAR

EGCC 111750Z AUTO VRB03KT 9999 SCT045 21/12 Q1018 NOSIG

TAF

TAF EGCC 111700Z 1118/1224 15005KT 9999 FEW045 BECMG 1118/1121 09012KT PROB30 TEMPO 1121/1124 10015G25KT BECMG 12

Frequencies

REC - 113.55 MHz - ATIS ARRIVAL	REC - 121.90 MHz - ATIS DEPARTURE
TWR - 119.40 MHz - MANCHESTER TOWER	TWR - 118.60 MHz - MANCHESTER TOWER
GND - 121.85 MHz - MANCHESTER GROUND	GND - 121.75 MHz - MANCHESTER GROUND
CLD - 121.70 MHz - CLEARANCE DELIVERY	APP - 135.00 MHz - MANCHESTER APPROACH
APP - 118.50 MHz - MANCHESTER APPROACH	APP - 121.35 MHz - MANCHESTER DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05L	151 ft	9,980 ft	51.00	ASPHALT	1,401 ft	0 ft
	46 m	3,042 m	51.45		427 m	0 m
23R	151 ft	9,980 ft	231.03	ASPHALT	597 ft	200 ft
	46 m	3,042 m	231.48		182 m	61 m
05R	144 ft	10,519 ft	50.98	ASPHALT	0 ft	0 ft
	44 m	3,206 m	51.43		0 m	0 m
23L	144 ft	10,519 ft	231.00	ASPHALT	1,093 ft	0 ft
	44 m	3,206 m	231.46		333 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	IMM	109.50 MHz	18 nm	-	-	294 ft
				33 km	-		294 m
05R	DME	IMC	111.55 MHz	18 nm	-	-	212 ft
				33 km	-		212 m
23R	DME	INN	109.50 MHz	18 nm	-	-	294 ft
				33 km	-		294 m
05L	LOC-ILS	IMM	109.50 MHz	18 nm	51.03	-	257 ft
				33 km	51.49		257 m
05R	LOC-ILS	IMC	111.55 MHz	18 nm	51.01	-	257 ft
				33 km	51.47		257 m
23R	LOC-ILS	INN	109.50 MHz	18 nm	230.98	-	257 ft
				33 km	231.44		257 m
05L	GS	IMM	109.50 MHz	10 nm	51.01	3.00	257 ft
				19 km	51.47		257 m
05R	GS	IMC	111.55 MHz	10 nm	51.97	3.00	257 ft
				19 km	52.43		257 m
23R	GS	INN	109.50 MHz	10 nm	231.01	3.00	257 ft
				19 km	231.47		257 m

LEMG

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 2

Elevation: 52 ft / 16 m
Location: 36.680200 -4.496650
Magnetic Var: 0.155 W

METAR

LEMG 111800Z 12006KT 070V170 CAVOK 20/09 Q1016 NOSIG

TAF

TAF LEMG 111700Z 1118/1218 13010KT CAVOK TX24/1214Z TN14/1206Z BECMG 1119/1122 28006KT BECMG 1208/1210 13010KT

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