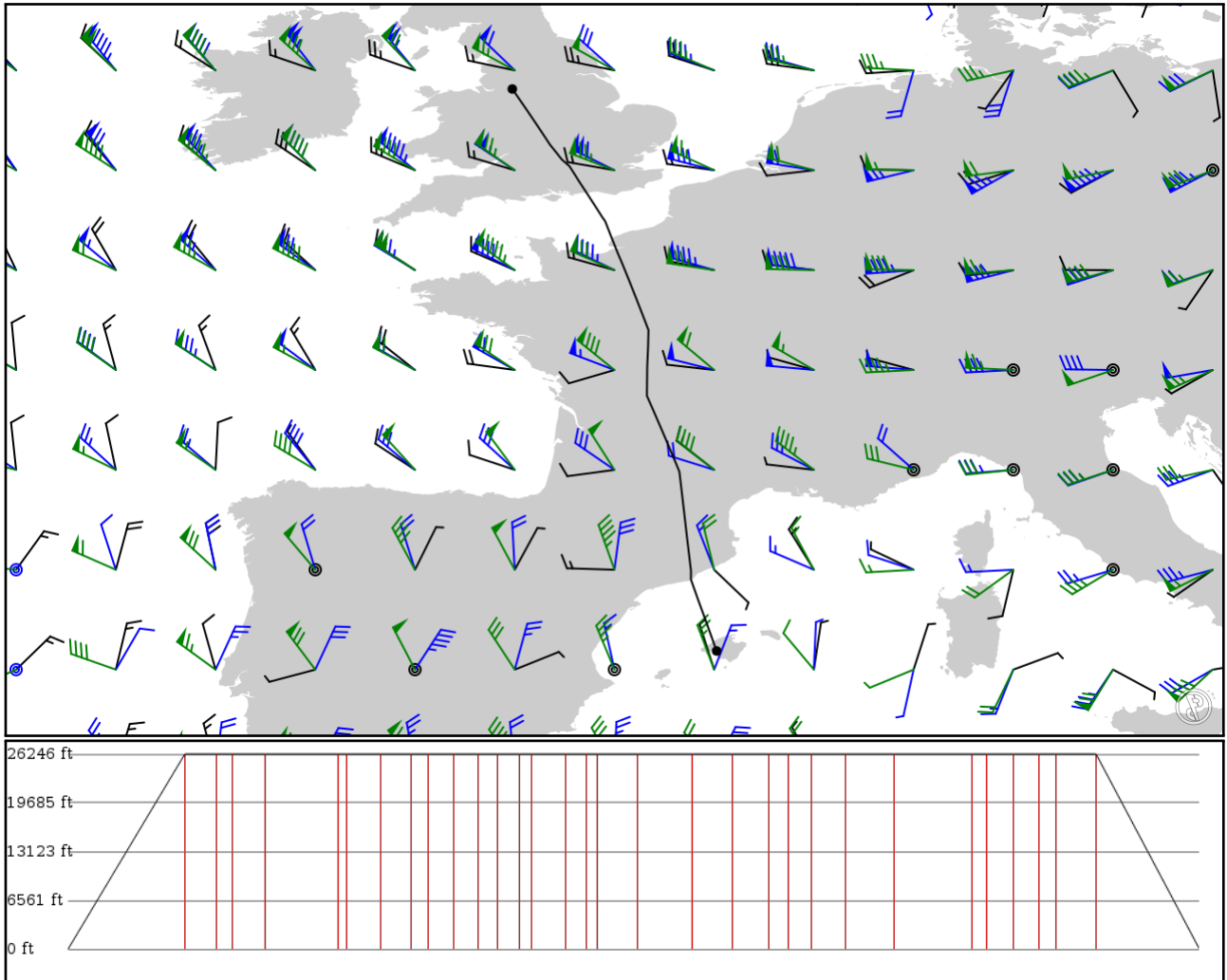


2024/05/07 0939Z

EGCC EMKUK L612 MID L151 SITET A34 LMG G36 GAI B31 GARBI LEPA

861.47 nm / 1595.45 km



## Notes

Basic altitude profile:

- Ascent Rate: 1400ft/min
- Ascent Speed: 120kts
- Cruise Altitude: 8000ft
- Cruise Speed: 195kts
- Descent Rate: 1000ft/min
- Descent Speed: 120kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: no

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EGCC	-	53.34740	0 ft	-	Manchester
APT	-	-2.28348	0 m		
EMKUK	-	51.97690	8,000 ft	88	-
FIX	-	-1.35417	2,438 m		
COWLY	L612	51.61610	8,000 ft	24	-
FIX	AWY-LO	-1.06500	2,438 m		
WOD	L612	51.45280	8,000 ft	12	WOODLEY
NDB	AWY-LO	-0.87880	2,438 m		
MID	L612	51.05400	8,000 ft	25	MIDHURST
VOR	AWY-LO	-0.62500	2,438 m		
DRAKE	L151	50.20940	8,000 ft	54	-
FIX	AWY-LO	-0.07611	2,438 m		
SITET	L151	50.10000	8,000 ft	7	-
FIX	AWY-LO	0.00000	2,438 m		
ETRAT	A34	49.68330	8,000 ft	25	-
FIX	AWY-LO	0.16333	2,438 m		
DVL	A34	49.31070	8,000 ft	23	DEAUVILLE NORMANDIE
VOR	AWY-LO	0.31272	2,438 m		
LISEU	A34	49.10330	8,000 ft	12	-
FIX	AWY-LO	0.40194	2,438 m		
LGL	A34	48.79060	8,000 ft	19	L'AIGLE
VOR	AWY-LO	0.53028	2,438 m		
BOBSA	A34	48.49580	8,000 ft	18	-
FIX	AWY-LO	0.64833	2,438 m		
BENAR	A34	48.25310	8,000 ft	15	-
FIX	AWY-LO	0.74444	2,438 m		
KOVAK	A34	47.99310	8,000 ft	16	-
FIX	AWY-LO	0.84667	2,438 m		
VANAD	A34	47.83720	8,000 ft	9	-
FIX	AWY-LO	0.90722	2,438 m		
AMB	A34	47.42890	8,000 ft	25	AMBOISE
VOR	AWY-LO	1.06444	2,438 m		
FIR12	A34	47.16670	8,000 ft	15	-
FIX	AWY-LO	1.05833	2,438 m		
SOPIL	A34	47.02580	8,000 ft	8	-
FIX	AWY-LO	1.05500	2,438 m		
BALAN	A34	46.51610	8,000 ft	30	-
FIX	AWY-LO	1.03333	2,438 m		
LMG	A34	45.81590	8,000 ft	42	LIMOGES
VOR	AWY-LO	1.02558	2,438 m		
MAKOX	G36	45.33280	8,000 ft	30	-
FIX	AWY-LO	1.23806	2,438 m		
ESISI	G36	44.89280	8,000 ft	27	-
FIX	AWY-LO	1.42833	2,438 m		
LAVRA	G36	44.65420	8,000 ft	14	-
FIX	AWY-LO	1.53028	2,438 m		
AULON	G36	44.37860	8,000 ft	17	-
FIX	AWY-LO	1.64750	2,438 m		
GAI	G36	43.95410	8,000 ft	26	GAILLAC
VOR	AWY-LO	1.82417	2,438 m		
MONIX	B31	43.33640	8,000 ft	37	-
FIX	AWY-LO	1.89694	2,438 m		
PUMAL	B31	42.36680	8,000 ft	58	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	2.00847	2,438 m		
BERGA	B31	42.17150	8,000 ft	11	-
FIX	AWY-LO	2.03206	2,438 m		
MAMUK	B31	41.83680	8,000 ft	20	-
FIX	AWY-LO	2.07208	2,438 m		
SLL	B31	41.51990	8,000 ft	19	SABADELL
VOR	AWY-LO	2.10975	2,438 m		
BCN	B31	41.30710	8,000 ft	12	BARCELONA
VOR	AWY-LO	2.10781	2,438 m		
GARBI	B31	40.80290	8,000 ft	31	-
FIX	AWY-LO	2.28675	2,438 m		
LEPA	-	39.55170	0 ft	77	Palma de Mallorca
APT	-	2.73889	0 m		

## EGCC

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

Elevation: 257 ft / 78 m  
Location: 53.347400 -2.283480  
Magnetic Var: 0.460 W

## METAR

EGCC 070920Z 09004KT 060V200 9999 BKN016 BKN024 14/11 Q1023

## TAF

TAF AMD EGCC 070837Z 0708/0812 06006KT 9999 BKN012 BECMG 0708/0711 SCT025 PROB30 TEMPO 0712/0715 8000 -SHRA TEMPO

## 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	51.46		427 m	0 m
23R	151 ft	9,980 ft	231.03	ASPHALT	597 ft	200 ft
	46 m	3,042 m	231.49		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

## LEPA

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 2

Elevation: 24 ft / 7 m  
Location: 39.551700 2.738890  
Magnetic Var: 1.677 E

## METAR

LEPA 070900Z 08003KT 9999 SCT035 21/11 Q1018 NOSIG

## TAF

TAF LEPA 070500Z 0706/0806 05008KT 9999 FEW040 TX21/0712Z TN13/0805Z BECMG 0709/0711 23012KT TEMPO 0713/0716 3001

## Frequencies

APP - 118.95 MHz - PALMA APPROACH	APP - 119.15 MHz - PALMA APPROACH
APP - 119.40 MHz - PALMA APPROACH	APP - 369.42 MHz - PALMA MILITARY
TWR - 118.30 MHz - PALMA TOWER	TWR - 118.45 MHz - PALMA TOWER
TWR - 122.10 MHz - PALMA MILITARY TOWER	GND - 121.70 MHz - PALMA GROUND
GND - 121.90 MHz - PALMA GROUND	REC - 119.25 MHz - PALMA ATIS
CLD - 123.80 MHz - PALMA DELIVERY	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06R	148 ft	9,829 ft	58.48	ASPHALT	1,332 ft	0 ft
	45 m	2,996 m	56.81		406 m	0 m
24L	148 ft	9,829 ft	238.50	ASPHALT	0 ft	0 ft
	45 m	2,996 m	236.83		0 m	0 m
06L	148 ft	10,713 ft	58.46	ASPHALT	0 ft	256 ft
	45 m	3,265 m	56.78		0 m	78 m
24R	148 ft	10,713 ft	238.48	ASPHALT	226 ft	0 ft
	45 m	3,265 m	236.81		69 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	PLM	110.90 MHz	18 nm	-	-	23 ft
				33 km	-		23 m
24L	DME	IPAL	109.30 MHz	18 nm	-	-	56 ft
				33 km	-		56 m
06L	LOC-ILS	PLM	110.90 MHz	18 nm	58.47	-	24 ft
				33 km	56.79		24 m
24L	LOC-ILS	IPAL	109.30 MHz	18 nm	238.50	-	24 ft
				33 km	236.82		24 m
24R	LOC-ILS	PAA	109.90 MHz	18 nm	238.47	-	24 ft
				33 km	236.79		24 m
06L	GS	PLM	110.90 MHz	10 nm	58.47	3.00	24 ft
				19 km	56.79		24 m
24L	GS	IPAL	109.30 MHz	10 nm	238.50	3.00	24 ft
				19 km	236.82		24 m
24R	GS	PAA	109.90 MHz	10 nm	238.47	3.00	24 ft
				19 km	236.79		24 m