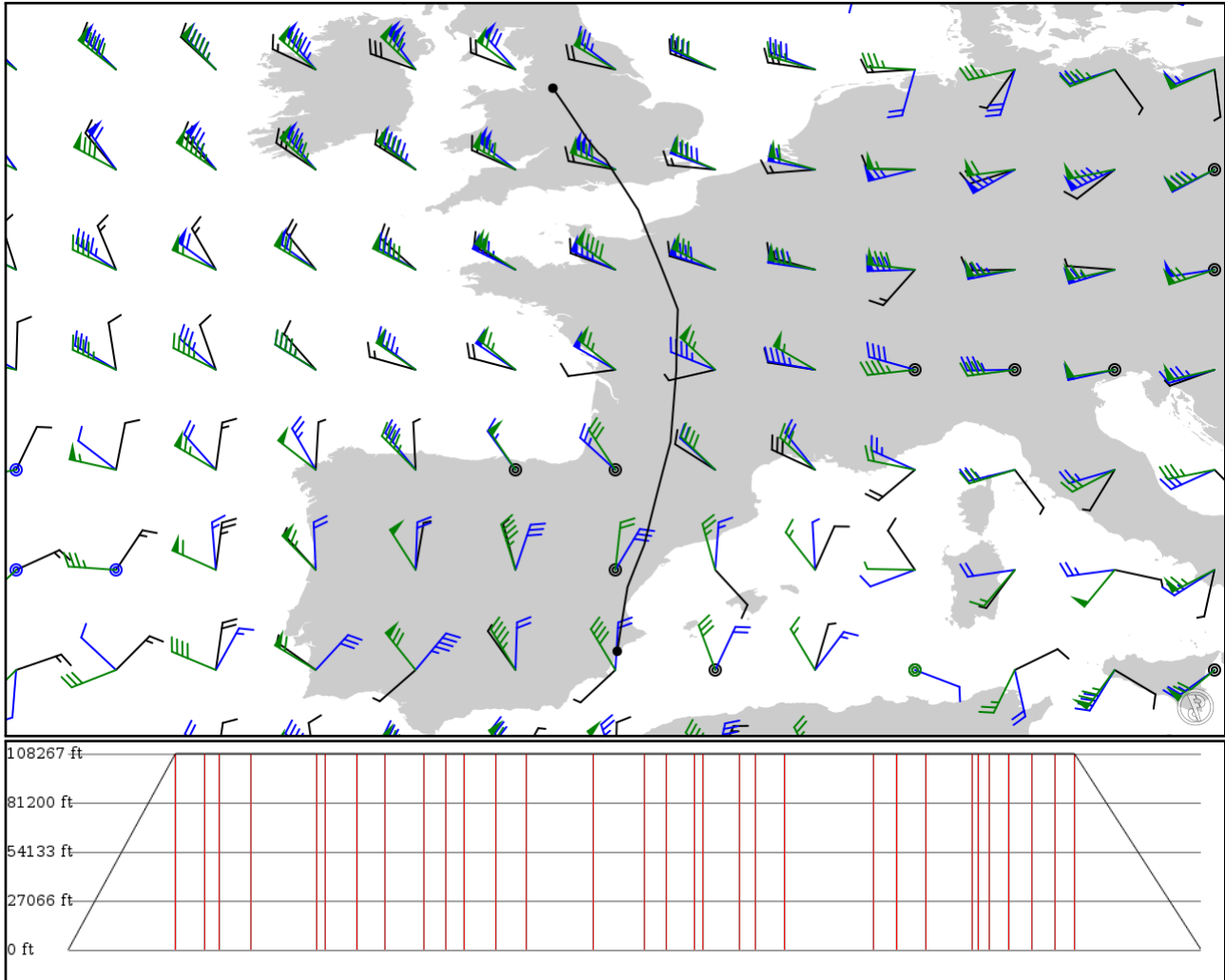


2024/05/06 0232Z

EGCC EMKUK L612 MID UL151 SITET UN859 LGL A34 BENAR UN859 BALAN UL152 LMG A34 AGN UN860 GRAUS A34  
SEROX UN860 TATOS LEAL

935.18 nm / 1731.95 km



## Notes

Basic altitude profile:

- Ascent Rate: 2400ft/min
- Ascent Speed: 240kts
- Cruise Altitude: 33000ft
- Cruise Speed: 280kts
- Descent Rate: 1800ft/min
- Descent Speed: 240kts

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	-	53.34740	0 ft	-	Manchester Intl
APT	-	-2.28348	0 m		
EMKUK	-	51.97690	33,000 ft	88	-
FIX	-	-1.35417	10,058 m		
COWLY	L612	51.61610	33,000 ft	24	-
FIX	AWY-LO	-1.06500	10,058 m		
WOD	L612	51.45280	33,000 ft	12	WOODLEY
NDB	AWY-LO	-0.87880	10,058 m		
MID	L612	51.05400	33,000 ft	25	MIDHURST
VOR	AWY-LO	-0.62500	10,058 m		
DRAKE	UL151	50.20940	33,000 ft	54	-
FIX	AWY-HI	-0.07611	10,058 m		
SITET	UL151	50.10000	33,000 ft	7	-
FIX	AWY-HI	0.00000	10,058 m		
ETRAT	UN859	49.68330	33,000 ft	25	-
FIX	AWY-HI	0.16333	10,058 m		
DVL	UN859	49.31070	33,000 ft	23	DEAUVILLE NORMANDIE
VOR	AWY-HI	0.31272	10,058 m		
LGL	UN859	48.79060	33,000 ft	32	L'AIGLE
VOR	AWY-HI	0.53028	10,058 m		
BOBSA	A34	48.49580	33,000 ft	18	-
FIX	AWY-LO	0.64833	10,058 m		
BENAR	A34	48.25310	33,000 ft	15	-
FIX	AWY-LO	0.74444	10,058 m		
VANAD	UN859	47.83720	33,000 ft	25	-
FIX	AWY-HI	0.90722	10,058 m		
AMB	UN859	47.42890	33,000 ft	25	AMBOISE
VOR	AWY-HI	1.06444	10,058 m		
BALAN	UN859	46.51610	33,000 ft	54	-
FIX	AWY-HI	1.03333	10,058 m		
LMG	UL152	45.81590	33,000 ft	42	LIMOGES
VOR	AWY-HI	1.02558	10,058 m		
MAVAC	A34	45.51640	33,000 ft	18	-
FIX	AWY-LO	1.00194	10,058 m		
PERIG	A34	45.11720	33,000 ft	24	-
FIX	AWY-LO	0.96944	10,058 m		
BUGUS	A34	45.00000	33,000 ft	7	-
FIX	AWY-LO	0.96056	10,058 m		
RUMEL	A34	44.50000	33,000 ft	30	-
FIX	AWY-LO	0.92050	10,058 m		
LACOU	A34	44.29680	33,000 ft	12	-
FIX	AWY-LO	0.90439	10,058 m		
AGN	A34	43.88800	33,000 ft	24	AGEN
VOR	AWY-LO	0.87286	10,058 m		
ANETO	UN860	42.69300	33,000 ft	73	-
FIX	AWY-HI	0.55844	10,058 m		
TURUV	UN860	42.36750	33,000 ft	19	-
FIX	AWY-HI	0.47497	10,058 m		
GRAUS	UN860	41.97900	33,000 ft	23	-
FIX	AWY-HI	0.37644	10,058 m		
SEROX	A34	41.34670	33,000 ft	38	-
FIX	AWY-LO	0.21869	10,058 m		
CASPE	UN860	41.26840	33,000 ft	4	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	0.19939	10,058 m		
MLA	UN860	41.12960	33,000 ft	8	MAELLA
VOR	AWY-HI	0.16525	10,058 m		
CRETA	UN860	40.87230	33,000 ft	16	-
FIX	AWY-HI	0.06156	10,058 m		
RIMES	UN860	40.55790	33,000 ft	19	-
FIX	AWY-HI	-0.06394	10,058 m		
SAURA	UN860	40.25610	33,000 ft	18	-
FIX	AWY-HI	-0.18333	10,058 m		
TATOS	UN860	40.00000	33,000 ft	16	-
FIX	AWY-HI	-0.28375	10,058 m		
LEAL	-	38.28220	0 ft	103	Alicante
APT	-	-0.55811	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 060150Z AUTO 17002KT 9999 NCD 11/09 Q1006 NOSIG

## TAF

TAF EGCC 052258Z 0600/0706 VRB03KT 9999 SCT045 PROB30 0602/0608 4000 BR BKN008 BECMG 0611/0614 31010KT PROB30 TEM

## 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	51.44		0 m	0 m
23L	144 ft	10,519 ft	231.00	ASPHALT	1,093 ft	0 ft
	44 m	3,206 m	231.47		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

## LEAL

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 1

Elevation: 142 ft / 43 m  
Location: 38.282200 -0.558114  
Magnetic Var: 0.885 E

## METAR

LEAL 060200Z 29005KT 230V320 CAVOK 18/08 Q1010 NOSIG

## TAF

TAF TAF LEAL 052300Z 0600/0624 VRB03KT 9999 FEW020 TX28/0613Z TN17/0605Z BECMG 0605/0607 30012KT BECMG 0609/0611

## Frequencies

REC - 120.05 MHz - ATIS	TWR - 118.15 MHz - ALICANTE TOWER
TWR - 125.15 MHz - ALICANTE TOWER	GND - 130.65 MHz - ALICANTE GROUND
CLD - 119.85 MHz - CLEARANCE DELIVERY	APP - 119.07 MHz - VALENCIA APPROACH
APP - 120.40 MHz - VALENCIA APPROACH	APP - 118.80 MHz - VALENCIA APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	9,828 ft	100.08	ASPHALT	0 ft	0 ft
	45 m	2,996 m	99.19		0 m	0 m
28	148 ft	9,828 ft	280.10	ASPHALT	0 ft	0 ft
	45 m	2,996 m	279.22		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	DME	IAT	110.30 MHz	18 nm	-	-	129 ft
				33 km	-		129 m
10	LOC-ILS	IAT	110.30 MHz	18 nm	100.09	-	29 ft
				33 km	99.21		29 m
10	GS	IAT	110.30 MHz	10 nm	100.19	3.00	129 ft
				19 km	99.30		129 m