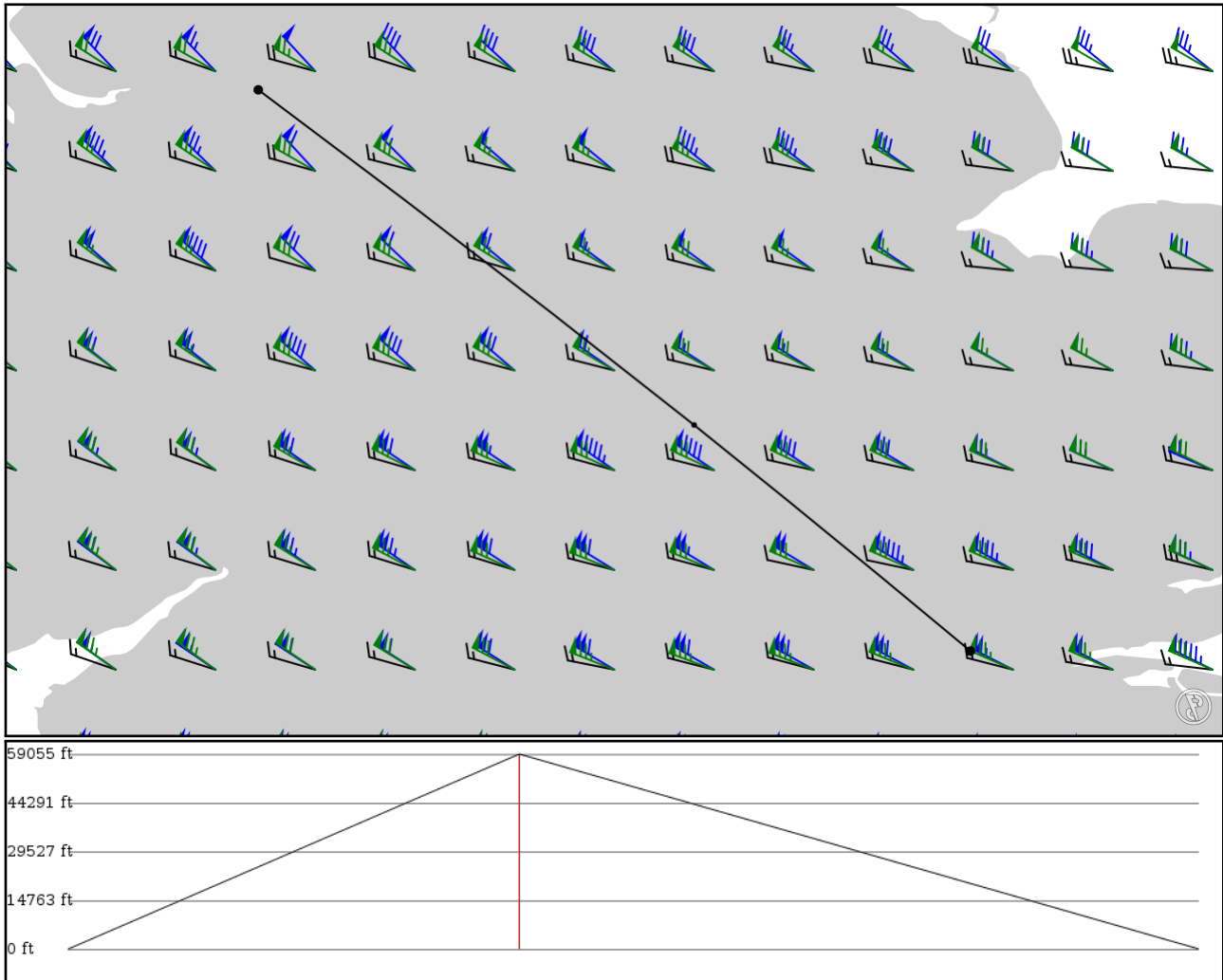


2024/05/20 0921Z

EGLC WELIN EGCC

139.90 nm / 259.09 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
EGLC	-	51.50520	0 ft	-	London City
APT	-	0.05518	0 m		
WELIN	-	52.24720	18,000 ft	55	-
FIX	-	-0.85222	5,486 m		
EGCC	-	53.34740	0 ft	84	Manchester
APT	-	-2.28348	0 m		

## EGLC

Region: UNITED KINGDOM  
Timezone: EUROPE/LONDON  
Runways: 1

Elevation: 19 ft / 6 m  
Location: 51.505200 0.055176  
Magnetic Var: 0.552 E

## METAR

EGLC 200850Z AUTO 03006KT 320V070 9999 NCD 14/08 Q1015

## TAF

UNKNOWN

## Frequencies

APP - 132.70 MHz - THAMES RADAR  
GND - 121.82 MHz - CITY GROUND  
TWR - 129.45 MHz - CITY TOWER

REC - 136.35 MHz - CITY ATIS  
TWR - 118.07 MHz - CITY TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	98 ft	4,916 ft	92.88	ASPHALT	315 ft	190 ft
	30 m	1,498 m	92.33		96 m	58 m
27	98 ft	4,916 ft	272.90	ASPHALT	230 ft	302 ft
	30 m	1,498 m	272.35		70 m	92 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	ILST	111.15 MHz	18 nm	-	-	48 ft
				33 km	-		48 m
27	DME	ILSR	111.15 MHz	18 nm	-	-	48 ft
				33 km	-		48 m
09	LOC-ILS	ILST	111.15 MHz	18 nm	92.89	-	19 ft
				33 km	92.34		19 m
27	LOC-ILS	ILSR	111.15 MHz	18 nm	272.89	-	19 ft
				33 km	272.34		19 m
09	GS	ILST	111.15 MHz	10 nm	92.89	5.50	19 ft
				19 km	92.34		19 m
27	GS	ILSR	111.15 MHz	10 nm	272.89	5.50	19 ft
				19 km	272.34		19 m

## EGCC

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

Elevation: 257 ft / 78 m  
Location: 53.347400 -2.283480  
Magnetic Var: 0.454 W

## METAR

EGCC 200850Z 06006KT 9999 BKN020 14/10 Q1017 NOSIG

## TAF

TAF EGCC 200500Z 2006/2112 06004KT 9999 FEW045 PROB30 TEMPO 2006/2010 8000 TEMPO 2103/2112 7000 SHRA PROB30 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	51.45		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	51.48		257 m
05R	LOC-ILS	IMC	111.55 MHz	18 nm	51.01	-	257 ft
				33 km	51.46		257 m
23R	LOC-ILS	INN	109.50 MHz	18 nm	230.98	-	257 ft
				33 km	231.43		257 m
05L	GS	IMM	109.50 MHz	10 nm	51.01	3.00	257 ft
				19 km	51.46		257 m
05R	GS	IMC	111.55 MHz	10 nm	51.97	3.00	257 ft
				19 km	52.42		257 m
23R	GS	INN	109.50 MHz	10 nm	231.01	3.00	257 ft
				19 km	231.46		257 m