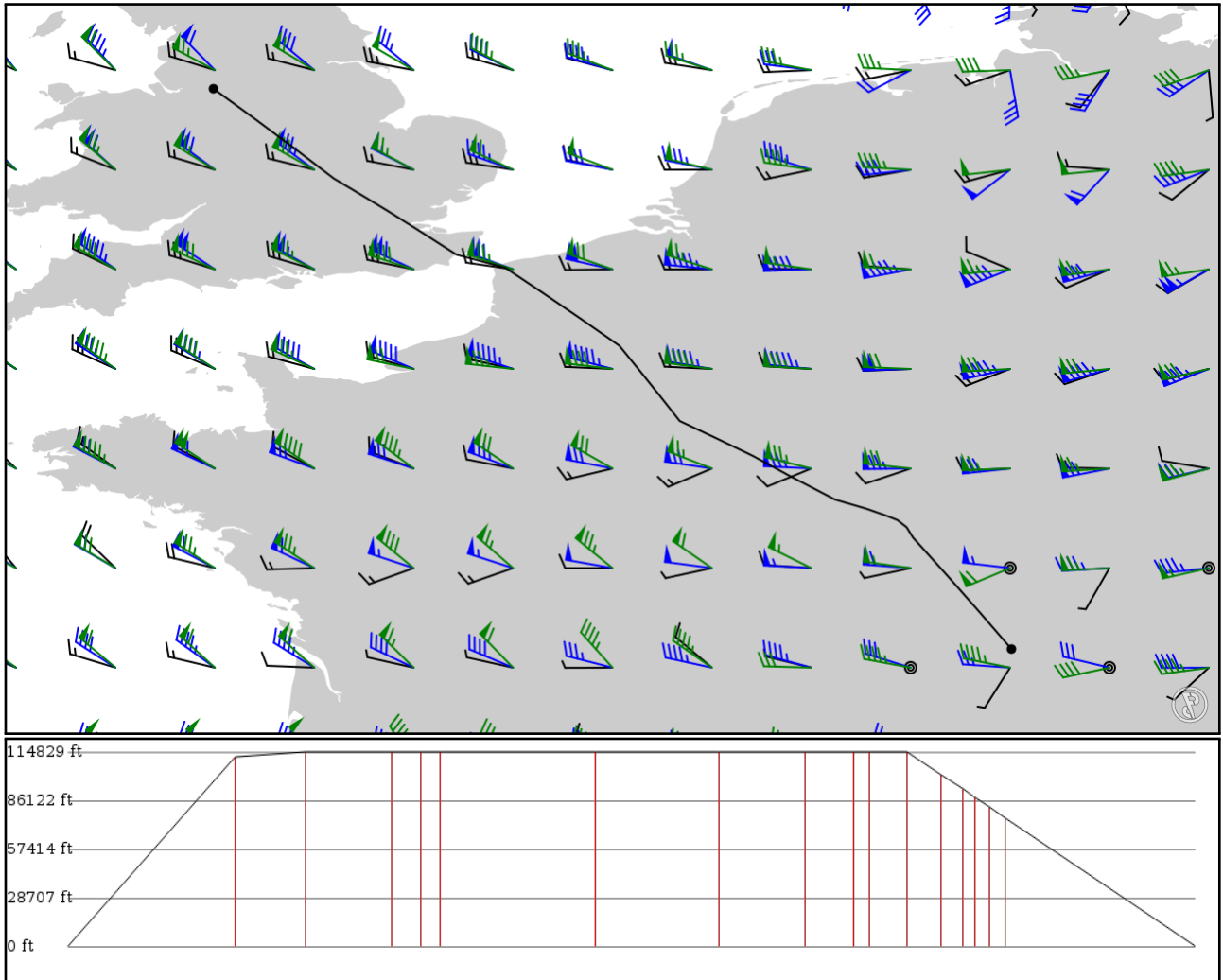


2024/04/28 0415Z

EGCC HEIDI **N57** LAM **UN57** SANDY **UL15** LESDO **UG42** LUL **G4** HR **W110** LUMEL BALIR LUTIX LIMC

642.77 nm / 1190.41 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
EGCC APT	-	53.34740 -2.28348	0 ft 0 m	-	Manchester
HEIDI FIX	-	52.11220 -0.62333	34,100 ft 10,394 m	95	-
LAM VOR	N57 AWY-LO	51.64600 0.15170	35,000 ft 10,668 m	40	LAMBOURNE
SANDY FIX	UN57 AWY-HI	51.06420 1.06750	35,000 ft 10,668 m	48	-
MOTOX FIX	UL15 AWY-HI	50.95780 1.46667	35,000 ft 10,668 m	16	-
ING NDB	UL15 AWY-HI	50.88320 1.74181	35,000 ft 10,668 m	11	SAINT INGLEVERT
LESDO FIX	UL15 AWY-HI	49.80830 3.31806	35,000 ft 10,668 m	88	-
BUBLI FIX	UG42 AWY-HI	48.77170 4.15000	35,000 ft 10,668 m	70	-
LUVAL FIX	UG42 AWY-HI	48.29390 5.15361	35,000 ft 10,668 m	49	-
PILON FIX	UG42 AWY-HI	48.00190 5.69194	35,000 ft 10,668 m	27	-
OKIPO FIX	UG42 AWY-HI	47.91060 5.86889	35,000 ft 10,668 m	8	-
LUL VOR	UG42 AWY-HI	47.68830 6.29558	35,000 ft 10,668 m	21	LUXEUIL
HR NDB	G4 AWY-LO	47.56170 6.73225	30,900 ft 9,418 m	19	HERICOURT
HR12 FIX	W110 AWY-LO	47.46970 6.99444	28,400 ft 8,656 m	11	-
LUMEL FIX	W110 AWY-LO	47.40720 7.15389	26,800 ft 8,169 m	7	-
BALIR FIX	-	47.30830 7.28153	25,100 ft 7,650 m	7	-
LUTIX FIX	-	47.16500 7.37056	23,100 ft 7,041 m	9	-
LIMC APT	-	45.63060 8.72812	0 ft 0 m	107	Milano-Malpensa

## EGCC

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

Elevation: 257 ft / 78 m  
Location: 53.347400 -2.283480  
Magnetic Var: 0.464 W

## METAR

EGCC 280350Z AUTO 01008KT 9999 SCT023 06/03 Q1003 TEMPO RA BKN012

## TAF

TAF EGCC 272256Z 2800/2906 06008KT 9999 SCT025 BECMG 2803/2806 36011KT TEMPO 2803/2812 6000 RA BKN012 BECMG 2809/2906 06008KT 9999 SCT023 06/03 Q1003 TEMPO RA BKN012

## 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

## LIMC

Region: ITALY  
Timezone: EUROPE/ROME  
Runways: 2

Elevation: 767 ft / 234 m  
Location: 45.630600 8.728120  
Magnetic Var: 3.118 E

## METAR

LIMC 280350Z 14004KT 3000 RA BR BKN003 OVC008 11/10 Q1017 NOSIG

## TAF

TAF LIMC 272300Z 2800/2906 11010KT 3000 RA BKN010 BECMG 2809/2811 VRB05KT 8000 NSW SCT020 TEMPO 2818/2824 4000 SH

## Frequencies

REC - 120.02 MHz - ATIS ARRIVAL	REC - 121.62 MHz - ATIS DEPARTURE
CLD - 120.90 MHz - CLEARANCE DELIVERY	GND - 121.82 MHz - MALPENSA GROUND
GND - 121.90 MHz - MALPENSA GROUND	TWR - 119.00 MHz - MALPENSA TOWER
TWR - 128.35 MHz - MALPENSA TOWER	APP - 126.75 MHz - MILANO APPROACH
APP - 125.62 MHz - MILANO APPROACH	APP - 132.70 MHz - MILANO APPROACH
DEP - 126.30 MHz - MILANO DEPARTURE	DEP - 126.75 MHz - MILANO DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	197 ft	12,873 ft	169.06	ASPHALT	0 ft	387 ft
	60 m	3,924 m	165.94		0 m	118 m
35L	197 ft	12,873 ft	349.07	ASPHALT	1,319 ft	197 ft
	60 m	3,924 m	345.95		402 m	60 m
17L	197 ft	12,873 ft	169.06	ASPHALT	3,081 ft	207 ft
	60 m	3,924 m	165.95		939 m	63 m
35R	197 ft	12,873 ft	349.07	ASPHALT	0 ft	180 ft
	60 m	3,924 m	345.95		0 m	55 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IMSL	110.75 MHz	25 nm	-	-	792 ft
				46 km	-		792 m
35L	DME	IMA	109.10 MHz	25 nm	-	-	768 ft
				46 km	-		768 m
35R	DME	MLP	109.90 MHz	18 nm	-	-	713 ft
				33 km	-		713 m
17L	LOC-ILS	IMSL	110.75 MHz	18 nm	169.06	-	697 ft
				33 km	165.94		697 m
35L	LOC-ILS	IMA	109.10 MHz	18 nm	349.07	-	767 ft
				33 km	345.95		767 m
35R	LOC-ILS	MLP	109.90 MHz	18 nm	349.07	-	780 ft
				33 km	345.95		780 m
17L	GS	IMSL	110.75 MHz	10 nm	170.24	3.00	792 ft
				19 km	167.12		792 m
35L	GS	IMA	109.10 MHz	10 nm	350.24	3.00	768 ft
				19 km	347.12		768 m
35R	GS	MLP	109.90 MHz	10 nm	350.24	3.00	740 ft
				19 km	347.12		740 m