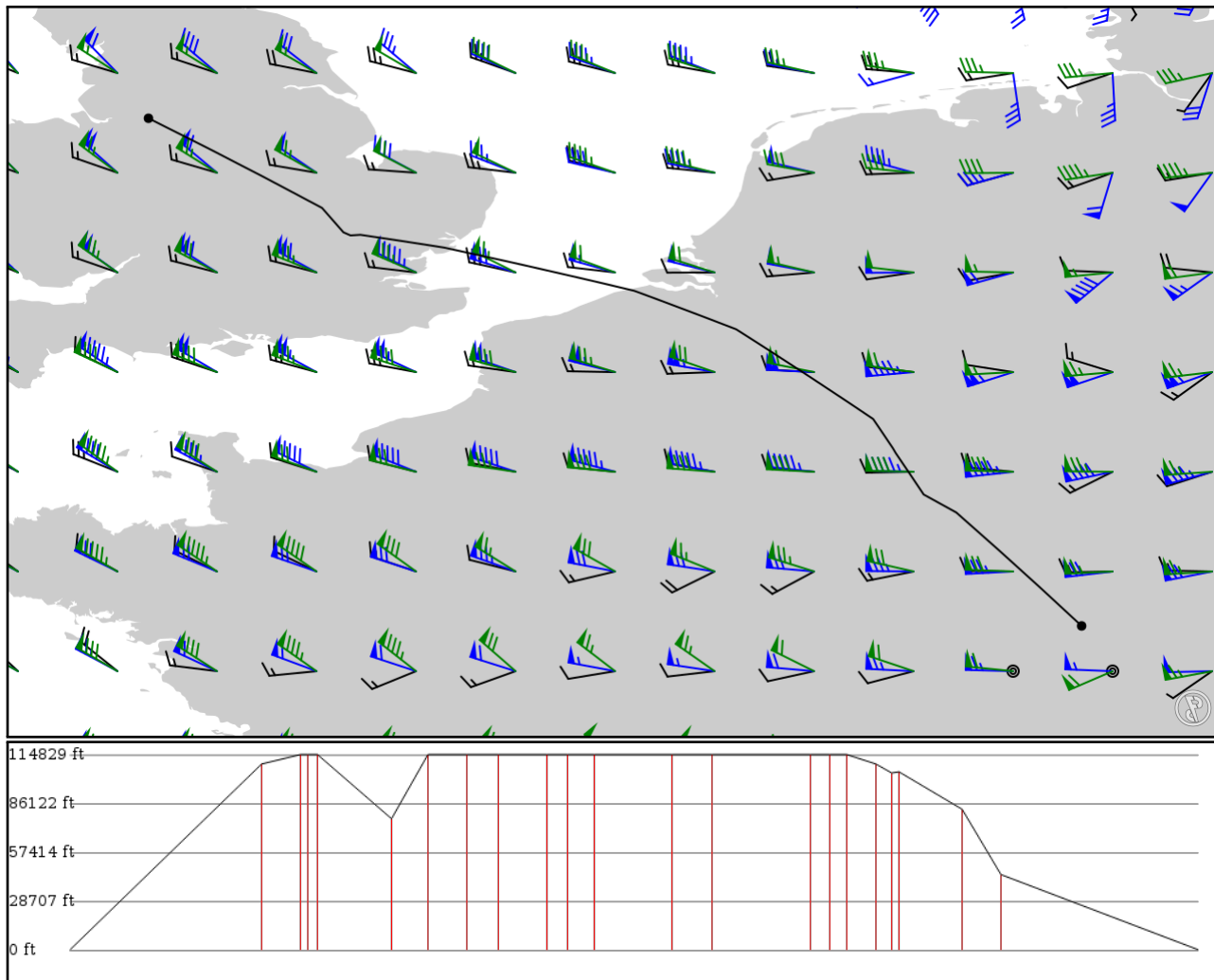


2024/05/04 0720Z

EGCC MOGLI **UL613** STOAT BKY **UM183** ADMIS **M189** CLN **UL608** SASKI **UL179** COA **UL608** BUB **UA24** DIK **UN852**
GTQ **R7** PHALO LSZH

562.41 nm / 1041.59 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1800ft/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	-	53.34714 -2.28395	0 ft 0 m	-	Manchester Intl
MOGLI FIX	-	52.30833 -0.26917	33,300 ft 10,150 m	96	-
STOAT FIX	UL613 AWY-HI	52.02583 -0.02083	35,000 ft 10,668 m	19	-
BKY VOR	-	51.98972 0.06194	35,000 ft 10,668 m	3	BARKWAY VOR-DME
ADMIS FIX	UM183 AWY-HI	51.99694 0.17667	35,000 ft 10,668 m	4	-
CLN VOR	M189 AWY-LO	51.84842 1.14761	23,500 ft 7,163 m	37	CLACTON VOR-DME
LOGAN FIX	UL608 AWY-HI	51.74750 1.61194	35,000 ft 10,668 m	18	-
SUMUM FIX	UL608 AWY-HI	51.63728 2.10771	35,000 ft 10,668 m	19	-
SASKI FIX	UL608 AWY-HI	51.54809 2.50000	35,000 ft 10,668 m	15	-
KEGIT FIX	UL179 AWY-HI	51.40701 3.10660	35,000 ft 10,668 m	24	-
COA VOR	UL179 AWY-HI	51.34806 3.35528	35,000 ft 10,668 m	9	-
DENUT FIX	UL608 AWY-HI	51.23611 3.65750	35,000 ft 10,668 m	13	-
BUB VOR	UL608 AWY-HI	50.90222 4.53806	35,000 ft 10,668 m	38	BRUSSELS VOR-DME
REMB FIX	UA24 AWY-HI	50.66223 4.91403	35,000 ft 10,668 m	20	-
RITAX FIX	UA24 AWY-HI	50.07778 5.80694	35,000 ft 10,668 m	49	-
DEMUL FIX	UA24 AWY-HI	49.96306 5.97861	35,000 ft 10,668 m	9	-
DIK NDB	UA24 AWY-HI	49.86139 6.12972	35,000 ft 10,668 m	8	DIEKIRCH NDB
LIMGO FIX	UN852 AWY-HI	49.63722 6.28167	33,300 ft 10,150 m	14	-
DIK21 FIX	UN852 AWY-HI	49.52333 6.35861	31,700 ft 9,662 m	7	-
SUTAL FIX	UN852 AWY-HI	49.46667 6.39167	31,900 ft 9,723 m	3	-
GTQ VOR	UN852 AWY-HI	48.98644 6.71622	25,200 ft 7,681 m	31	GROSTENQUIN VOR-DME
PHALO FIX	R7 AWY-LO	48.77778 7.09528	13,500 ft 4,115 m	19	-
LSZH APT	-	47.46349 8.54996	0 ft 0 m	98	Zurich

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.461 W

METAR

EGCC 040650Z 18004KT 150V210 4700 -RADZ SCT008 BKN011 09/09 Q1009 RERA REDZ

TAF

TAF AMD EGCC 040604Z 0406/0512 21009KT 9999 SCT012 BKN025 TEMPO 0406/0409 4000 RADZ BR BKN006 PROB30 TEMPO 0406/04

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

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.123 E

METAR

LSZH 040650Z VRB02KT 9999 FEW018 11/07 Q1016 NOSIG

TAF

TAF LSZH 040525Z 0406/0512 VRB02KT 9999 SCT060 TX18/0415Z TN09/0406Z TN10/0504Z PROB30 TEMPO 0408/0411 05005KT BE

Frequencies

REC - 125.72 MHz - ATIS	GND - 121.90 MHz - ZURICH GROUND
GND - 118.15 MHz - ZURICH GROUND	GND - 119.75 MHz - ZURICH GROUND
GND - 121.75 MHz - ZURICH APRON	GND - 121.70 MHz - ZURICH APRON
GND - 121.85 MHz - ZURICH APRON	GND - 121.97 MHz - ZURICH APRON
TWR - 118.10 MHz - ZURICH TOWER	TWR - 120.22 MHz - ZURICH TOWER
TWR - 119.70 MHz - ZURICH TOWER	APP - 118.00 MHz - ZURICH ARRIVAL
APP - 135.22 MHz - ZURICH APPROACH	APP - 125.32 MHz - ZURICH FINAL
APP - 120.75 MHz - ZURICH FINAL	DEP - 125.95 MHz - ZURICH DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	12,181 ft	155.03	CONCRETE	0 ft	62 ft
	60 m	3,713 m	151.91		0 m	19 m
34	197 ft	12,181 ft	335.05	CONCRETE	1,542 ft	49 ft
	60 m	3,713 m	331.92		470 m	15 m
14	197 ft	10,816 ft	137.29	CONCRETE	492 ft	75 ft
	60 m	3,297 m	134.17		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.19		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.87		0 m	19 m
28	197 ft	8,196 ft	276.02	CONCRETE	0 ft	276 ft
	60 m	2,498 m	272.89		0 m	84 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm	-	-	1,460 ft
				33 km	-		1,460 m
16	DME	IZH	110.50 MHz	18 nm	-	-	1,400 ft
				33 km	-		1,400 m
28	DME	IZW	109.75 MHz	18 nm	-	-	1,416 ft
				33 km	-		1,416 m
34	DME	IZS	110.75 MHz	18 nm	-	-	1,410 ft
				33 km	-		1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm	137.31	-	1,417 ft
				33 km	134.19		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.93		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.89		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm	335.06	-	1,417 ft
				33 km	331.94		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.19		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.93		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.89		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.94		1,417 m