

EDDM

Muenchen International Airport Franz-Josef Strauss

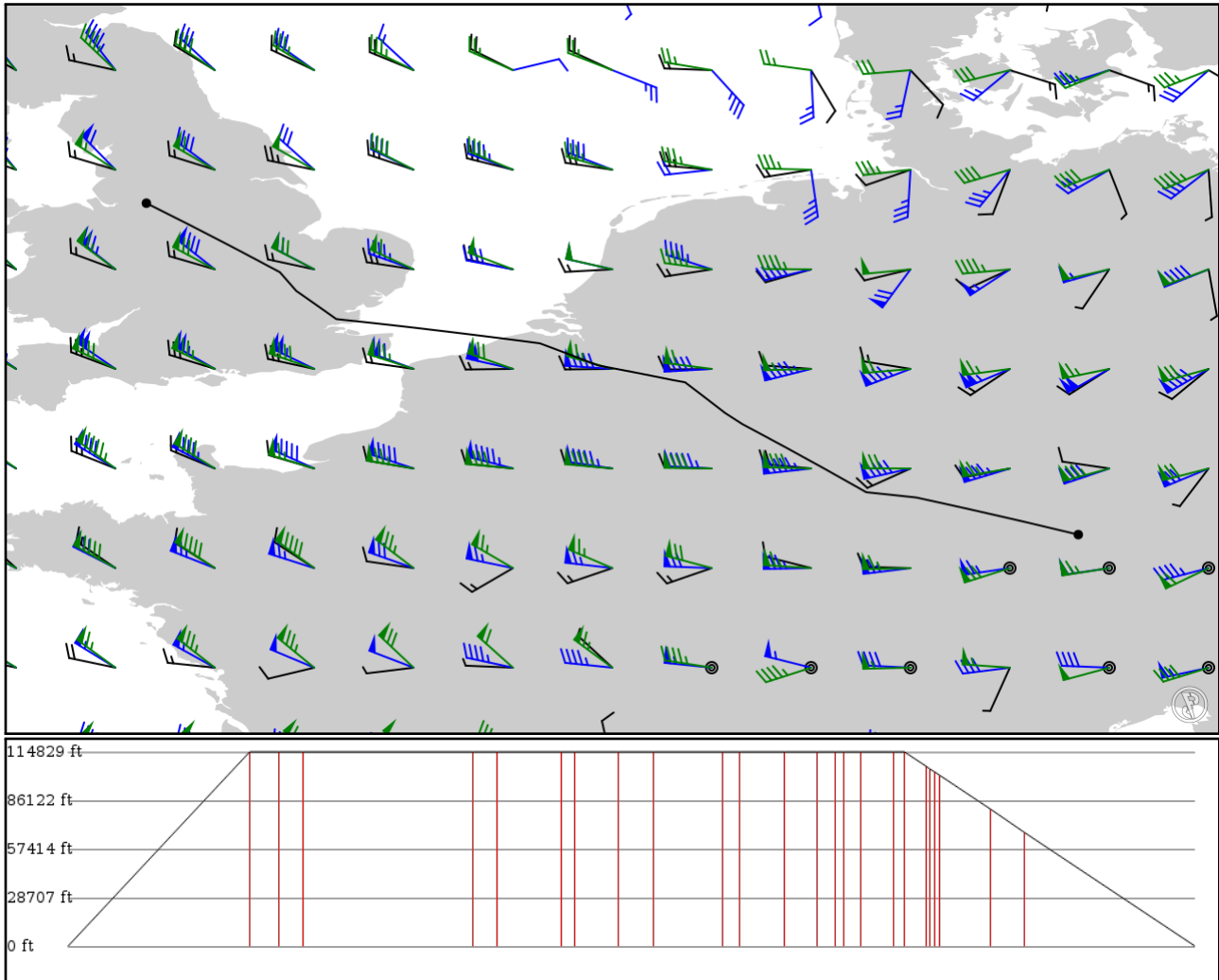
EGCC

Manchester

2024/05/23 0949Z

EDDM LBU **Z729** KRH **UZ210** LIRSU **UL608** DENUT **UL610** GILDA **M14** STOAT **UL613** MOGLI EGCC

636.14 nm / 1178.14 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		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
EDDM	-	48.35380	0 ft	-		Muenchen International Airport Franz-Josef Strauss
APT	-	11.78610	0 m			
LBU	-	48.91300	35,000 ft	102		LUBURG
VOR	-	9.34023	10,668 m			
ABGAN	Z729	48.95820	35,000 ft	16	-	
FIX	AWY-LO	8.91715	10,668 m			
KRH	Z729	48.99290	35,000 ft	13		KARLSRUHE
VOR	AWY-LO	8.58424	10,668 m			
NOSPA	UZ210	50.02060	35,000 ft	95	-	
FIX	AWY-HI	6.71139	10,668 m			
LIRSU	UZ210	50.18670	35,000 ft	14	-	
FIX	AWY-HI	6.45333	10,668 m			
BATTY	UL608	50.64920	35,000 ft	36	-	
FIX	AWY-HI	5.84878	10,668 m			
TERLA	UL608	50.68250	35,000 ft	7	-	
FIX	AWY-HI	5.66556	10,668 m			
SOGRI	UL608	50.80640	35,000 ft	24	-	
FIX	AWY-HI	5.04528	10,668 m			
BUB	UL608	50.90230	35,000 ft	20		BRUSSELS
VOR	AWY-HI	4.53808	10,668 m			
DENUT	UL608	51.23610	35,000 ft	38	-	
FIX	AWY-HI	3.65761	10,668 m			
LUMEN	UL610	51.26940	35,000 ft	9	-	
FIX	AWY-HI	3.40667	10,668 m			
BULAM	UL610	51.35250	35,000 ft	25	-	
FIX	AWY-HI	2.75028	10,668 m			
DIBLI	UL610	51.41190	35,000 ft	18	-	
FIX	AWY-HI	2.26250	10,668 m			
RAPIX	UL610	51.44310	35,000 ft	10	-	
FIX	AWY-HI	2.00000	10,668 m			
SUNUP	UL610	51.45860	35,000 ft	4	-	
FIX	AWY-HI	1.87417	10,668 m			
TEBRA	UL610	51.48900	35,000 ft	9	-	
FIX	AWY-HI	1.61194	10,668 m			
KOPUL	UL610	51.54220	35,000 ft	18	-	
FIX	AWY-HI	1.13718	10,668 m			
UNSA	UL610	51.56110	35,000 ft	6	-	
FIX	AWY-HI	0.96278	10,668 m			
NILON	UL610	51.59610	32,400 ft	12	-	
FIX	AWY-HI	0.63444	9,876 m			
GILDA	UL610	51.60170	31,900 ft	1	-	
FIX	AWY-HI	0.58361	9,723 m			
FERIT	M14	51.63310	31,400 ft	2	-	
FIX	AWY-HI	0.53917	9,571 m			
WESUL	M14	51.67080	30,800 ft	3	-	
FIX	AWY-HI	0.48583	9,388 m			
STOAT	M14	52.02580	24,700 ft	28	-	
FIX	AWY-HI	-0.02083	7,529 m			
MOGLI	UL613	52.30830	20,500 ft	19	-	
FIX	AWY-HI	-0.26917	6,248 m			
EGCC	-	53.34740	0 ft	96		Manchester
APT	-	-2.28348	0 m			

EDDM

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.945 E

METAR

EDDM 230920Z AUTO VRB02KT 9999 FEW029 18/10 Q1016 NOSIG

TAF

TAF EDDM 230500Z 2306/2412 VRB03KT CAVOK BECMG 2308/2310 06005KT BECMG 2316/2318 28005KT TEMPO 2316/2319 23025G40

Frequencies

REC - 123.12 MHz - MUENCHEN ATIS	COM - 122.80 MHz - MUENCHEN UNICOM
CLD - 121.72 MHz - MUENCHEN DELIVERY	GND - 121.97 MHz - MUENCHEN GROUND NORTH
GND - 121.82 MHz - MUENCHEN GROUND SOUTH	GND - 121.77 MHz - MUENCHEN APRON 1
GND - 121.70 MHz - MUENCHEN APRON 2	GND - 121.92 MHz - MUENCHEN APRON 3
TWR - 120.50 MHz - MUENCHEN TOWER SOUTH	TWR - 118.70 MHz - MUENCHEN TOWER NORTH
APP - 123.90 MHz - MUENCHEN RADAR NORTH	APP - 127.95 MHz - MUENCHEN RADAR SOUTH
APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH	APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH
APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH	APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	197 ft	13,135 ft	83.39	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.44		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.48		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.43		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.47		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IMNE	109.50 MHz	18 nm	83.41	-	1,484 ft
				33 km	79.47		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.45		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.45		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.47		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.47		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.45		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.45		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.47		1,484 m

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.453 W

METAR

EGCC 230920Z 25015KT 3300 RADZ SCT004 BKN008 11/10 Q1010 REDZ

TAF

TAF AMD EGCC 230617Z 2306/2412 26012KT 9999 BKN014 TEMPO 2306/2320 6000 RA -RADZ BKN007 PROB40 TEMPO 2306/2315 2700

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