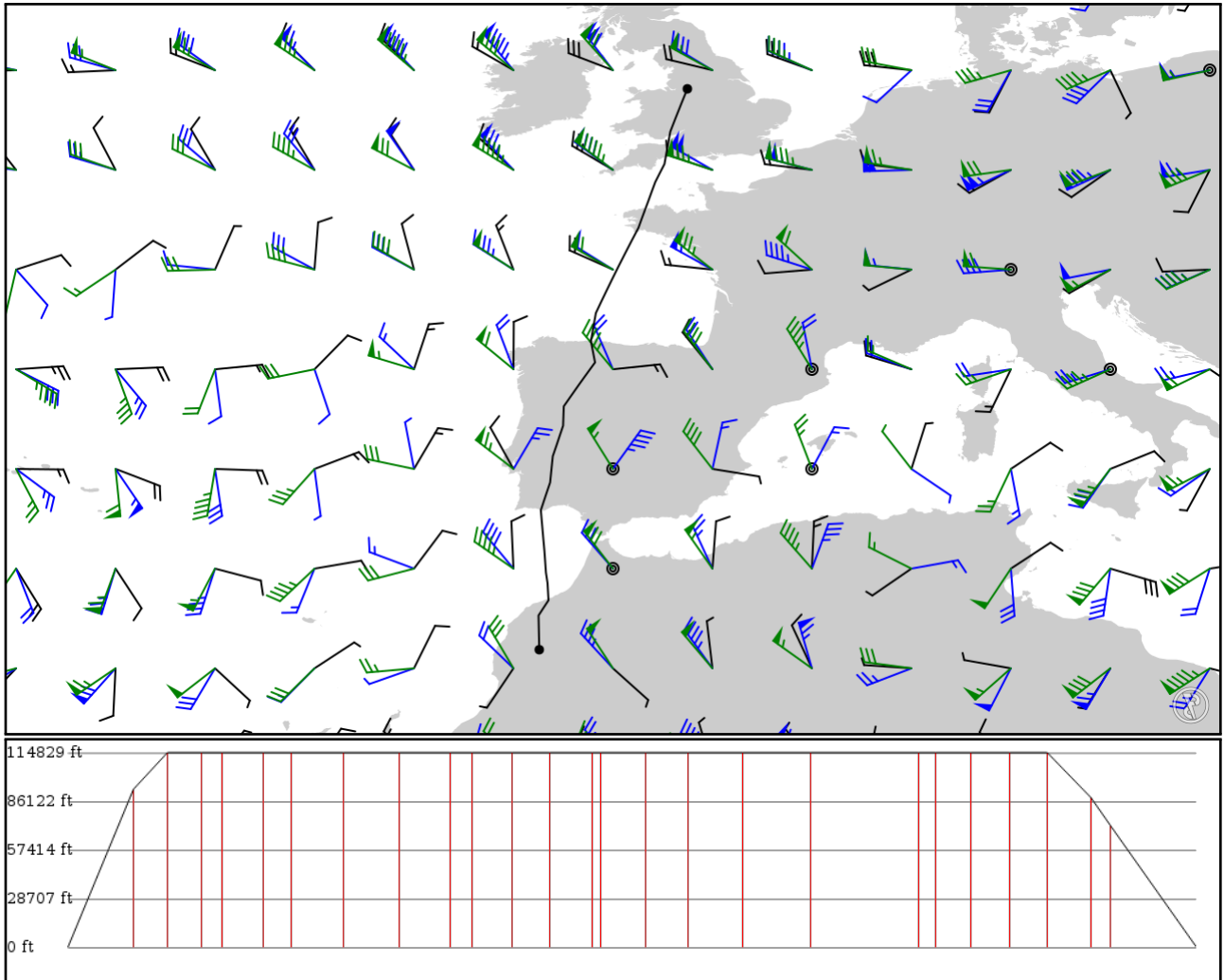


2024/05/09 0914Z

GMMX CSD **R72** VFA **UZ1** BIRBA **UZ15** BABEX **UZ218** VEDER **UM30** NOTRO **N90** LAMAT **N862** ERNOK EGCC

1350.81 nm / 2501.70 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
GMMX APT	-	31.60692 -8.03627	0 ft 0 m	-	MENARA
CSD NDB	-	32.93361 -8.06500	28,400 ft 8,656 m	79	DAOUARAT NDB
CBA VOR	R72 AWY-LO	33.52150 -7.67719	35,000 ft 10,668 m	40	CASABLANCA VOR-DME
LAKAM FIX	R72 AWY-LO	34.18861 -7.71444	35,000 ft 10,668 m	40	-
AKEMA FIX	R72 AWY-LO	34.60056 -7.77667	35,000 ft 10,668 m	24	-
ABODA FIX	R72 AWY-LO	35.41389 -7.83333	35,000 ft 10,668 m	48	-
AMSEL FIX	R72 AWY-LO	35.96667 -7.88333	35,000 ft 10,668 m	33	-
VFA VOR	R72 AWY-LO	37.01352 -7.97501	35,000 ft 10,668 m	63	FARO VOR-DME
ALAGU FIX	UZ1 AWY-HI	38.08861 -7.61444	35,000 ft 10,668 m	66	-
BIRBA FIX	UZ1 AWY-HI	39.10556 -7.51194	35,000 ft 10,668 m	61	-
PORLI FIX	UZ15 AWY-HI	39.52889 -7.36639	35,000 ft 10,668 m	26	-
PINOX FIX	UZ15 AWY-HI	40.29056 -7.10917	35,000 ft 10,668 m	47	-
BABEX FIX	UZ15 AWY-HI	41.04028 -7.08389	35,000 ft 10,668 m	45	-
MOSEN FIX	UZ218 AWY-HI	41.78654 -6.56085	35,000 ft 10,668 m	50	-
GASBA FIX	UZ218 AWY-HI	41.94783 -6.44596	35,000 ft 10,668 m	10	-
VEDER FIX	UZ218 AWY-HI	42.74296 -5.86964	35,000 ft 10,668 m	54	-
VES VOR	UM30 AWY-HI	43.56459 -6.03067	35,000 ft 10,668 m	49	ASTURIAS VOR-DME
LOTEE FIX	UM30 AWY-HI	44.65876 -5.83665	35,000 ft 10,668 m	66	-
ERWAN FIX	UM30 AWY-HI	45.93694 -5.22139	35,000 ft 10,668 m	81	-
QPR VOR	UM30 AWY-HI	47.95728 -4.18472	35,000 ft 10,668 m	128	QUIMPER PLUGUFFAN VOR-DME
BERAD FIX	UM30 AWY-HI	48.30194 -4.06167	35,000 ft 10,668 m	21	-
RUSIB FIX	UM30 AWY-HI	48.97694 -3.80861	35,000 ft 10,668 m	41	-
SALCO FIX	UM30 AWY-HI	49.73722 -3.52944	35,000 ft 10,668 m	46	-
NOTRO FIX	UM30 AWY-HI	50.43667 -3.17250	35,000 ft 10,668 m	44	-
LAMAT FIX	N90 AWY-LO	51.30194 -3.01750	26,900 ft 8,199 m	52	-
ERNOK FIX	N862 AWY-LO	51.69167 -2.94556	21,900 ft 6,675 m	23	-
EGCC APT	-	53.34714 -2.28395	0 ft 0 m	102	Manchester Intl

GMMX

Region: MOROCCO
Timezone: AFRICA/CASABLANCA
Runways: 1

Elevation: 1,544 ft / 471 m
Location: 31.606900 -8.036270
Magnetic Var: 1.297 W

METAR

GMMX 090900Z 08005KT 040V120 CAVOK 27/11 Q1012 NOSIG

TAF

TAF GMMX 090500Z 0906/1012 04006KT 8000 NSC TEMPO 0915/0921 34016KT

Frequencies

TWR - 118.70 MHz - MARRAKECH TWR
REC - 121.95 MHz - MARRAKECH ATIS

APP - 119.70 MHz - MARRAKECH APP
GND - 118.70 MHz - MARRAKECH GND

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	147 ft	10,123 ft	95.92	ASPHALT	0 ft	33 ft
	45 m	3,085 m	97.21		0 m	10 m
28	147 ft	10,123 ft	275.93	ASPHALT	0 ft	20 ft
	45 m	3,085 m	277.23		0 m	6 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	LOC-ILS	MAR	109.70 MHz	18 nm	96.03	-	1,545 ft
				33 km	97.32		1,545 m
10	GS	MAR	109.70 MHz	10 nm	95.92	3.00	1,545 ft
				19 km	97.22		1,545 m

EGCC

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

Elevation: 257 ft / 78 m
Location: 53.347400 -2.283480
Magnetic Var: 0.459 W

METAR

EGCC 090850Z 29004KT 250V340 9999 FEW017 14/10 Q1027 NOSIG

TAF

TAF EGCC 090457Z 0906/1012 31004KT 9999 FEW035 PROB30 TEMPO 0906/0909 9000 PROB30 TEMPO 1000/1009 9000

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	231.48		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	51.49		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