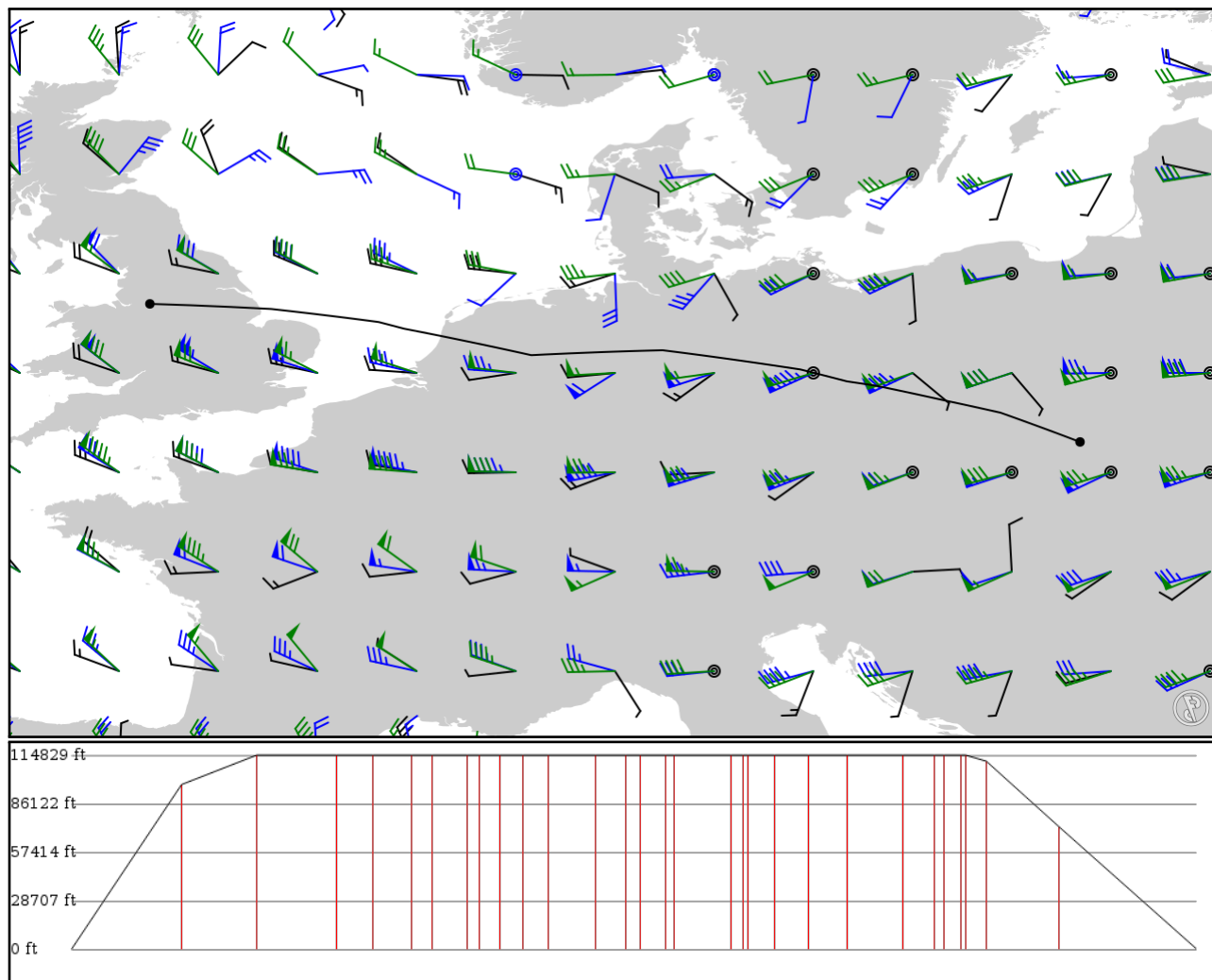


2024/06/09 1011Z

EPKK SABAB L986 LASIS UL986 DLE UL980 RKN UL602 SPY UY70 RAVLO Y70 SUPEL EGCC

848.97 nm / 1572.30 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
EPKK	-	50.07780	0 ft	-	Krakow-John Paul II
APT	-	19.78550	0 m		
SABAB	-	50.77030	29,700 ft	83	-
FIX	-	17.89920	9,053 m		
GIGAL	L986	51.07860	35,000 ft	56	-
FIX	AWY-HI	16.49190	10,668 m		
LASIS	L986	51.40690	35,000 ft	60	-
FIX	AWY-HI	14.96170	10,668 m		
KOBUS	UL986	51.51330	35,000 ft	27	-
FIX	AWY-HI	14.25250	10,668 m		
DOBUR	UL986	51.69810	35,000 ft	28	-
FIX	AWY-HI	13.53500	10,668 m		
BOLBO	UL986	51.79470	35,000 ft	15	-
FIX	AWY-HI	13.15110	10,668 m		
KOSIX	UL986	51.89920	35,000 ft	26	-
FIX	AWY-HI	12.45610	10,668 m		
ROSNO	UL986	51.93640	35,000 ft	9	-
FIX	AWY-HI	12.20330	10,668 m		
MAG	UL986	51.99500	35,000 ft	15	MAGDEBURG
VOR	AWY-HI	11.79430	10,668 m		
EMBOX	UL986	52.05740	35,000 ft	16	-
FIX	AWY-HI	11.34970	10,668 m		
POVEL	UL986	52.12840	35,000 ft	19	-
FIX	AWY-HI	10.82780	10,668 m		
DLE	UL986	52.25030	35,000 ft	35	LEINE
VOR	AWY-HI	9.88349	10,668 m		
ROBEG	UL980	52.23360	35,000 ft	22	-
FIX	AWY-HI	9.26962	10,668 m		
BADMU	UL980	52.22440	35,000 ft	11	-
FIX	AWY-HI	8.97083	10,668 m		
MOBSA	UL980	52.20640	35,000 ft	19	-
FIX	AWY-HI	8.44944	10,668 m		
OSN	UL980	52.20010	35,000 ft	6	OSNABRUECK
VOR	AWY-HI	8.28552	10,668 m		
AMSAN	UL980	52.15030	35,000 ft	43	-
FIX	AWY-HI	7.11139	10,668 m		
ETEBO	UL980	52.13830	35,000 ft	8	-
FIX	AWY-HI	6.87528	10,668 m		
RKN	UL980	52.13320	35,000 ft	4	REKKEN VOR-DME
DME	AWY-HI	6.76388	10,668 m		
TENLI	UL602	52.24650	35,000 ft	20	-
FIX	AWY-HI	6.25014	10,668 m		
FLEVO	UL602	52.38530	35,000 ft	25	-
FIX	AWY-HI	5.60217	10,668 m		
SPY	UL602	52.54030	35,000 ft	28	SPIJKERBOOR
VOR	AWY-HI	4.85378	10,668 m		
MONIL	UY70	52.76080	35,000 ft	42	-
FIX	AWY-HI	3.74664	10,668 m		
RAVLO	UY70	52.91690	35,000 ft	23	-
FIX	AWY-HI	3.14820	10,668 m		
KUBAX	Y70	52.94280	35,000 ft	7	-
FIX	AWY-HI	2.95361	10,668 m		
BEKMO	Y70	52.98610	35,000 ft	12	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	2.61944	10,668 m		
SONOL	Y70	53.00140	35,000 ft	4	-
FIX	AWY-HI	2.50000	10,668 m		
BODSO	Y70	53.05220	33,900 ft	14	-
FIX	AWY-HI	2.09472	10,333 m		
SUPEL	Y70	53.22780	22,100 ft	55	-
FIX	AWY-HI	0.59111	6,736 m		
EGCC	-	53.34740	0 ft	103	Manchester
APT	-	-2.28348	0 m		

## EPKK

Region: POLAND  
Timezone: EUROPE/WARSAW  
Runways: 1

Elevation: 791 ft / 241 m  
Location: 50.077800 19.785500  
Magnetic Var: 5.996 E

## METAR

EPKK 091000Z 29008KT 260V340 9999 FEW035 SCT060 23/15 Q1008

## TAF

TAF EPKK 090830Z 0909/1009 28010KT 9999 SCT050 PROB40 TEMPO 0909/0918 -SHRA SCT040CB BECMG 0915/0918 06006KT PROB

## Frequencies

REC - 112.80 MHz - KRAKOW ATIS  
TWR - 123.25 MHz - KRAKOW TOWER  
APP - 135.40 MHz - KRAKOW APPROACH

GND - 118.10 MHz - KRAKOW GROUND  
APP - 121.07 MHz - KRAKOW APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	197 ft	8,352 ft	77.76	CONCRETE	0 ft	0 ft
	60 m	2,546 m	71.76		0 m	0 m
25	197 ft	8,352 ft	257.78	CONCRETE	778 ft	0 ft
	60 m	2,546 m	251.79		237 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
25	DME	KRW	110.30 MHz	18 nm	-	-	827 ft
				33 km	-		827 m
25	LOC-ILS	KRW	110.30 MHz	18 nm	257.77	-	791 ft
				33 km	251.77		791 m
25	GS	KRW	110.30 MHz	10 nm	257.77	3.00	791 ft
				19 km	251.77		791 m

## EGCC

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

Elevation: 257 ft / 78 m  
Location: 53.347400 -2.283480  
Magnetic Var: 0.446 W

## METAR

EGCC 090950Z 27014KT 9999 4500N SHRA BKN014 BKN024 13/08 Q1012 NOSIG

## TAF

TAF AMD EGCC 090952Z 0909/1012 29012KT 9999 SCT020 BKN030 TEMPO 0909/0911 4000 RA BKN014 PROB30 TEMPO 0909/0912 3100

## 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	51.44		427 m	0 m
23R	151 ft	9,980 ft	231.03	ASPHALT	597 ft	200 ft
	46 m	3,042 m	231.47		182 m	61 m
05R	144 ft	10,519 ft	50.98	ASPHALT	0 ft	0 ft
	44 m	3,206 m	51.42		0 m	0 m
23L	144 ft	10,519 ft	231.00	ASPHALT	1,093 ft	0 ft
	44 m	3,206 m	231.45		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	51.45		257 m
23R	LOC-ILS	INN	109.50 MHz	18 nm	230.98	-	257 ft
				33 km	231.42		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