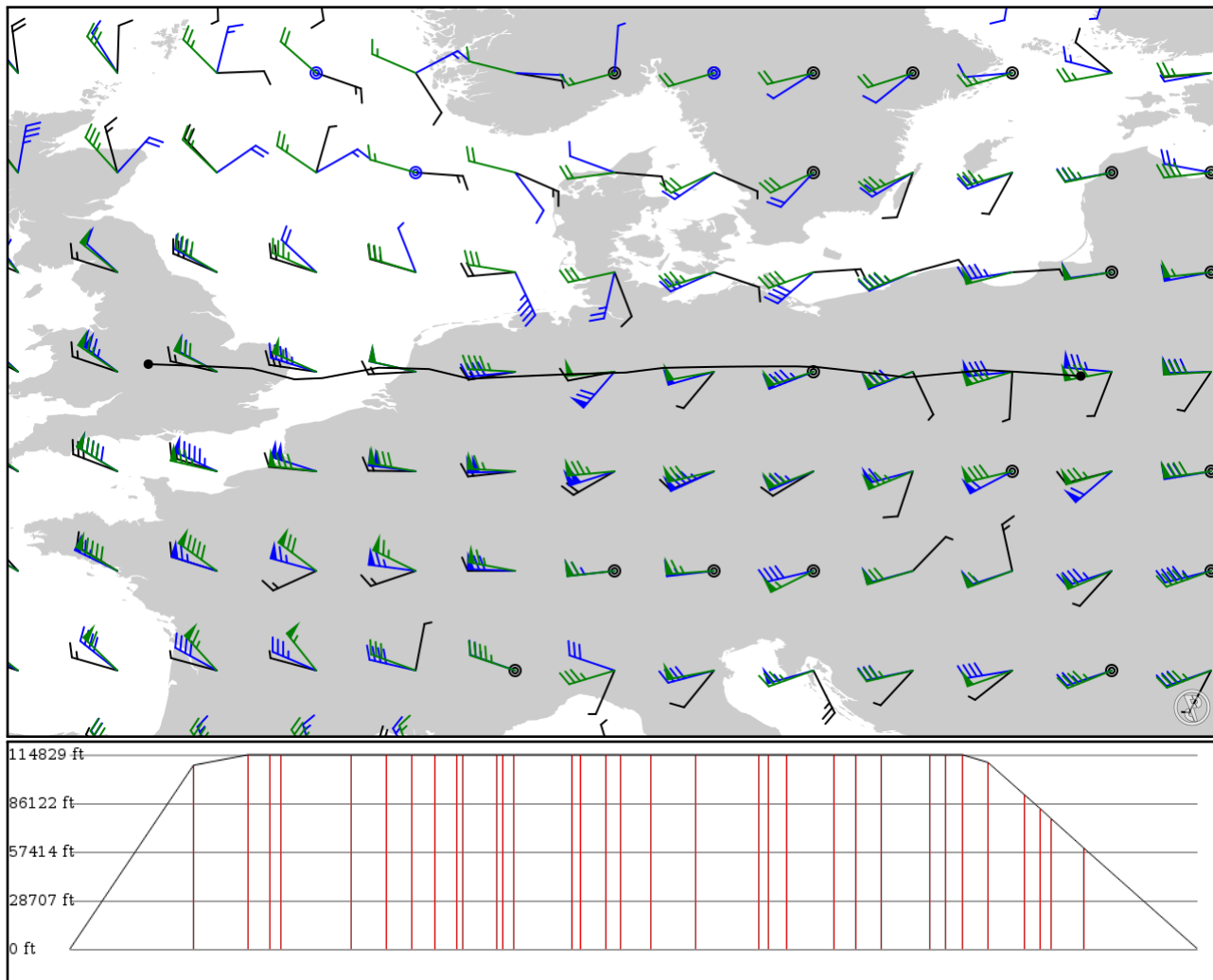


2024/05/18 0112Z

EGBB UMBAG **P137** SONDO **M183** REDFA **L620** ARNEM **UP147** RKN **UL980** DLE **L980** HLZ **UL980** SUBIX **L980** ADVAB
P150 PEVUM EPWA

846.90 nm / 1568.45 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
EGBB	-	52.45430	0 ft	-	Birmingham
APT	-	-1.74852	0 m		
UMBAG	-	52.34780	33,100 ft	92	-
FIX	-	0.78250	10,089 m		
SONDO	P137	52.08500	35,000 ft	41	-
FIX	AWY-HI	1.81167	10,668 m		
SONOG	M183	52.10560	35,000 ft	16	-
FIX	AWY-HI	2.26944	10,668 m		
REDFA	M183	52.11460	35,000 ft	8	-
FIX	AWY-HI	2.48795	10,668 m		
TULIP	L620	52.36770	35,000 ft	52	-
FIX	AWY-LO	3.85731	10,668 m		
BASNO	L620	52.35020	35,000 ft	26	-
FIX	AWY-LO	4.57504	10,668 m		
PAM	L620	52.33480	35,000 ft	18	PAMPUS
VOR	AWY-LO	5.09216	10,668 m		
NYKER	L620	52.23040	35,000 ft	17	-
FIX	AWY-LO	5.52880	10,668 m		
ELPAT	L620	52.12740	35,000 ft	16	-
FIX	AWY-LO	5.95114	10,668 m		
ARNEM	L620	52.09640	35,000 ft	4	-
FIX	AWY-LO	6.07660	10,668 m		
RKN	UP147	52.13320	35,000 ft	25	REKKEN VOR-DME
DME	AWY-HI	6.76388	10,668 m		
ETEBO	UL980	52.13830	35,000 ft	4	-
FIX	AWY-HI	6.87528	10,668 m		
AMSAN	UL980	52.15030	35,000 ft	8	-
FIX	AWY-HI	7.11139	10,668 m		
OSN	UL980	52.20010	35,000 ft	43	OSNABRUECK
VOR	AWY-HI	8.28552	10,668 m		
MOBSA	UL980	52.20640	35,000 ft	6	-
FIX	AWY-HI	8.44944	10,668 m		
BADMU	UL980	52.22440	35,000 ft	19	-
FIX	AWY-HI	8.97083	10,668 m		
ROBEG	UL980	52.23360	35,000 ft	11	-
FIX	AWY-HI	9.26962	10,668 m		
DLE	UL980	52.25030	35,000 ft	22	LEINE
VOR	AWY-HI	9.88349	10,668 m		
HLZ	L980	52.36340	35,000 ft	34	HEHLINGEN
VOR	AWY-LO	10.79520	10,668 m		
GALKU	UL980	52.38940	35,000 ft	47	-
FIX	AWY-HI	12.07920	10,668 m		
SOBLU	UL980	52.39220	35,000 ft	7	-
FIX	AWY-HI	12.27280	10,668 m		
PENEK	UL980	52.39580	35,000 ft	13	-
FIX	AWY-HI	12.64670	10,668 m		
ADLIR	UL980	52.40030	35,000 ft	35	-
FIX	AWY-HI	13.62190	10,668 m		
TUVAK	UL980	52.39980	35,000 ft	16	-
FIX	AWY-HI	14.07080	10,668 m		
SUBIX	UL980	52.37970	35,000 ft	18	-
FIX	AWY-HI	14.58560	10,668 m		
BAREP	L980	52.27110	35,000 ft	36	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	15.56440	10,668 m		
KELOD	L980	52.23390	35,000 ft	11	-
FIX	AWY-HI	15.88330	10,668 m		
OBOLA	L980	52.19440	35,000 ft	12	-
FIX	AWY-HI	16.21140	10,668 m		
ADVAB	L980	52.13060	33,600 ft	19	-
FIX	AWY-HI	16.72720	10,241 m		
DIPKI	P150	52.20280	27,800 ft	27	-
FIX	AWY-HI	17.46280	8,473 m		
TENVO	P150	52.23170	25,300 ft	11	-
FIX	AWY-HI	17.77420	7,711 m		
OBOKU	P150	52.25220	23,500 ft	8	-
FIX	AWY-HI	18.00000	7,163 m		
PEVUM	P150	52.30940	18,200 ft	24	-
FIX	AWY-HI	18.65750	5,547 m		
EPWA	-	52.16510	0 ft	85	Warsaw Frederic Chopin
APT	-	20.96700	0 m		

EGBB

Region: UNITED KINGDOM
Timezone: EUROPE/LONDON
Runways: 1

Elevation: 338 ft / 103 m
Location: 52.454300 -1.748520
Magnetic Var: 0.162 W

METAR

EGBB 180050Z 09004KT 360V140 CAVOK 15/13 Q1013

TAF

TAF EGBB 172255Z 1800/1824 VRB03KT 9999 SCT035 PROB30 1800/1804 3000 BR BKN003 TEMPO 1804/1808 3000 BR BKN003 BECM

Frequencies

APP - 118.05 MHz - BIRMINGHAM APPROACH
GND - 121.80 MHz - BIRMINGHAM GROUND
APP - 131.00 MHz - BIRMINGHAM DIRECTOR
TWR - 118.30 MHz - BIRMINGHAM TOWER
APP - 118.05 MHz - BIRMINGHAM RADAR
REC - 136.02 MHz - BIRMINGHAM INFORMATION

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	148 ft	9,999 ft	145.88	ASPHALT	922 ft	0 ft
	45 m	3,048 m	146.04		281 m	0 m
33	148 ft	9,999 ft	325.90	ASPHALT	1,421 ft	0 ft
	45 m	3,048 m	326.06		433 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	IBIR	110.10 MHz	18 nm	-	-	349 ft
				33 km	-		349 m
33	DME	IBM	110.10 MHz	18 nm	-	-	327 ft
				33 km	-		327 m
15	LOC-ILS	IBIR	110.10 MHz	18 nm	145.90	-	338 ft
				33 km	146.06		338 m
33	LOC-ILS	IBM	110.10 MHz	18 nm	325.90	-	338 ft
				33 km	326.06		338 m
15	GS	IBIR	110.10 MHz	10 nm	145.90	3.00	338 ft
				19 km	146.06		338 m
33	GS	IBM	110.10 MHz	10 nm	325.90	3.00	338 ft
				19 km	326.06		338 m

EPWA

Region: POLAND
Timezone: EUROPE/WARSAW
Runways: 2

Elevation: 362 ft / 110 m
Location: 52.165100 20.967000
Magnetic Var: 6.625 E

METAR

EPWA 180100Z 09008KT CAVOK 13/04 Q1015 NOSIG

TAF

TAF EPWA 172330Z 1800/1824 10010KT CAVOK PROB40 TEMPO 1807/1815 14015G25KT BECMG 1812/1815 16010KT PROB30 TEMPO 1

Frequencies

REC - 120.45 MHz - ATIS	TWR - 118.30 MHz - OKECIE TOWER
GND - 121.90 MHz - OKECIE GROUND	CLD - 121.60 MHz - CLEARANCE DELIVERY
APP - 128.80 MHz - WARSAW APPROACH	APP - 125.05 MHz - WARSAW APPROACH
REC - 118.77 MHz - OLSZTYN INFORMATION	REC - 119.45 MHz - WARSAW INFORMATION

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	164 ft	9,166 ft	114.57	ASPHALT	0 ft	492 ft
	50 m	2,794 m	107.95		0 m	150 m
29	164 ft	9,166 ft	294.60	ASPHALT	1,617 ft	102 ft
	50 m	2,794 m	287.98		493 m	31 m
15	197 ft	12,093 ft	151.80	ASPHALT	0 ft	144 ft
	60 m	3,686 m	145.18		0 m	44 m
33	197 ft	12,093 ft	331.82	ASPHALT	2,159 ft	148 ft
	60 m	3,686 m	325.20		658 m	45 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	DME	WAS	109.90 MHz	18 nm	-	-	394 ft
				33 km	-		394 m
33	DME	WA	110.30 MHz	18 nm	-	-	394 ft
				33 km	-		394 m
11	LOC-ILS	WAS	109.90 MHz	18 nm	114.59	-	362 ft
				33 km	107.97		362 m
33	LOC-ILS	WA	110.30 MHz	18 nm	331.82	-	362 ft
				33 km	325.20		362 m
11	GS	WAS	109.90 MHz	10 nm	114.59	3.00	362 ft
				19 km	107.97		362 m
33	GS	WA	110.30 MHz	10 nm	331.82	3.00	362 ft
				19 km	325.20		362 m