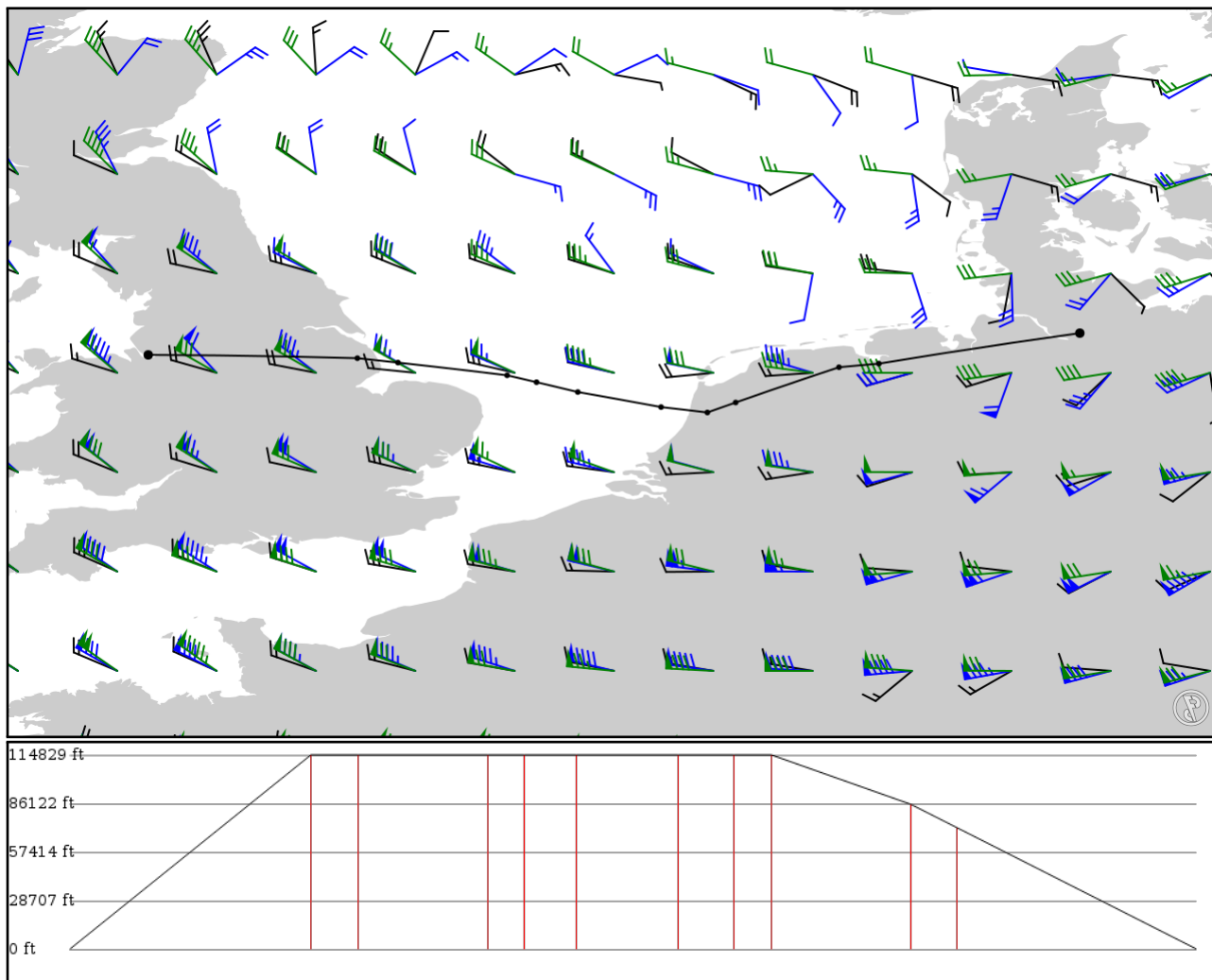


2024/05/22 0528Z

EGGP OTBED **Y70** BODSO **L17** PETIK **R127** SPY **G10** DOBAK EDDH

482.07 nm / 892.79 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: no

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EGGP	-	53.33363	0 ft	-	Liverpool
APT	-	-2.84977	0 m	-	
OTBED	-	53.28806	35,000 ft	103	-
FIX	-	0.03194	10,668 m	-	-
SUPEL	Y70	53.22778	35,000 ft	20	-
FIX	AWY-LO	0.59111	10,668 m	-	-
BODSO	Y70	53.05222	35,000 ft	55	-
FIX	AWY-LO	2.09472	10,668 m	-	-
RAMID	L17	52.95778	35,000 ft	15	-
FIX	AWY-LO	2.50000	10,668 m	-	-
MOLIX	L17	52.82200	35,000 ft	22	-
FIX	AWY-LO	3.06867	10,668 m	-	-
PETIK	L17	52.61491	35,000 ft	43	-
FIX	AWY-LO	4.21574	10,668 m	-	-
SPY	R127	52.54028	35,000 ft	23	SPIJKERBOOR VOR-DME
VOR	AWY-LO	4.85378	10,668 m	-	
ENKOS	G10	52.67813	35,000 ft	16	-
FIX	AWY-LO	5.24326	10,668 m	-	-
EEL	G10	53.16391	26,100 ft	59	EELDE VOR-DME
VOR	AWY-LO	6.66667	7,955 m	-	
DOBAK	G10	53.21333	21,900 ft	20	-
FIX	AWY-LO	7.21694	6,675 m	-	-
EDDH	-	53.63367	0 ft	102	Hamburg
APT	-	9.98524	0 m	-	

EGGP

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

Elevation: 81 ft / 25 m
Location: 53.333600 -2.849780
Magnetic Var: 0.661 W

METAR

EGGP 220520Z 30008KT 9999 -RA BKN038 OVC048 12/12 Q1007

TAF

TAF AMD EGGP 220002Z 2200/2224 33005KT 9999 BKN030 TEMPO 2200/2224 6000 RA BKN014 PROB30 TEMPO 2200/2224 3000 +RA

Frequencies

APP - 119.85 MHz - LIVERPOOL APPROACH
GND - 121.95 MHz - LIVERPOOL GROUND

TWR - 126.35 MHz - LIVERPOOL TOWER
REC - 124.32 MHz - LIVERPOOL INFORMATION

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	7,478 ft	85.58	ASPHALT	194 ft	0 ft
	45 m	2,279 m	86.24		59 m	0 m
27	148 ft	7,478 ft	265.61	ASPHALT	0 ft	82 ft
	45 m	2,279 m	266.27		0 m	25 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	ILVR	111.75 MHz	18 nm	-	-	88 ft
				33 km	-		88 m
27	DME	ILQ	111.75 MHz	18 nm	-	-	88 ft
				33 km	-		88 m
09	LOC-ILS	ILVR	111.75 MHz	18 nm	85.61	-	77 ft
				33 km	86.28		77 m
27	LOC-ILS	ILQ	111.75 MHz	18 nm	265.05	-	55 ft
				33 km	265.71		55 m
09	GS	ILVR	111.75 MHz	10 nm	86.20	3.00	80 ft
				19 km	86.86		80 m
27	GS	ILQ	111.75 MHz	10 nm	266.20	3.00	80 ft
				19 km	266.86		80 m

EDDH

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

Elevation: 53 ft / 16 m
Location: 53.633700 9.985260
Magnetic Var: 3.695 E

METAR

EDDH 220520Z AUTO 07008KT 9999 -RA NSC 15/14 Q1006 TEMPO RA

TAF

TAF EDDH 212300Z 2200/2306 07010KT 9999 SCT030 PROB40 TEMPO 2203/2207 SHRA BKN030CB TEMPO 2207/2218 3500 RA BKN000

Frequencies

REC - 123.12 MHz - EDDH ATIS	GND - 121.80 MHz - HAMBURG GND
GND - 121.70 MHz - HAMBURG APRON	GND - 121.97 MHz - HAMBURG APRON
TWR - 121.27 MHz - HAMBURG TWR	TWR - 126.85 MHz - HAMBURG TWR
APP - 118.20 MHz - HAMBURG DIRECTOR	APP - 124.62 MHz - HAMBURG APP
APP - 134.25 MHz - BREMEN RADAR	APP - 136.67 MHz - BREMEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	151 ft	10,647 ft	50.18	ASPHALT	978 ft	194 ft
	46 m	3,245 m	46.49		298 m	59 m
23	151 ft	10,647 ft	230.22	ASPHALT	509 ft	239 ft
	46 m	3,245 m	226.52		155 m	73 m
15	151 ft	12,013 ft	152.89	ASPHALT	0 ft	194 ft
	46 m	3,662 m	149.19		0 m	59 m
33	151 ft	12,013 ft	332.91	ASPHALT	1,463 ft	164 ft
	46 m	3,662 m	329.21		446 m	50 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	LOC-ILS	IHHE	110.50 MHz	18 nm	50.21	-	53 ft
				33 km	46.51		53 m
15	LOC-ILS	IHHS	109.55 MHz	18 nm	152.91	-	53 ft
				33 km	149.21		53 m
23	LOC-ILS	IHHW	111.50 MHz	18 nm	230.21	-	53 ft
				33 km	226.51		53 m
33	LOC-LOC	IHHN	109.90 MHz	18 nm	332.91	-	53 ft
				33 km	329.21		53 m
05	GS	IHHE	110.50 MHz	10 nm	50.21	3.00	53 ft
				19 km	46.51		53 m
15	GS	IHHS	109.55 MHz	10 nm	152.91	3.00	53 ft
				19 km	149.21		53 m
23	GS	IHHW	111.50 MHz	10 nm	230.21	3.00	53 ft
				19 km	226.51		53 m
33	GS	IHHN	109.90 MHz	10 nm	332.91	3.00	53 ft
				19 km	329.21		53 m