

EDDB

Berlin Brandenburg International Willy Brandt

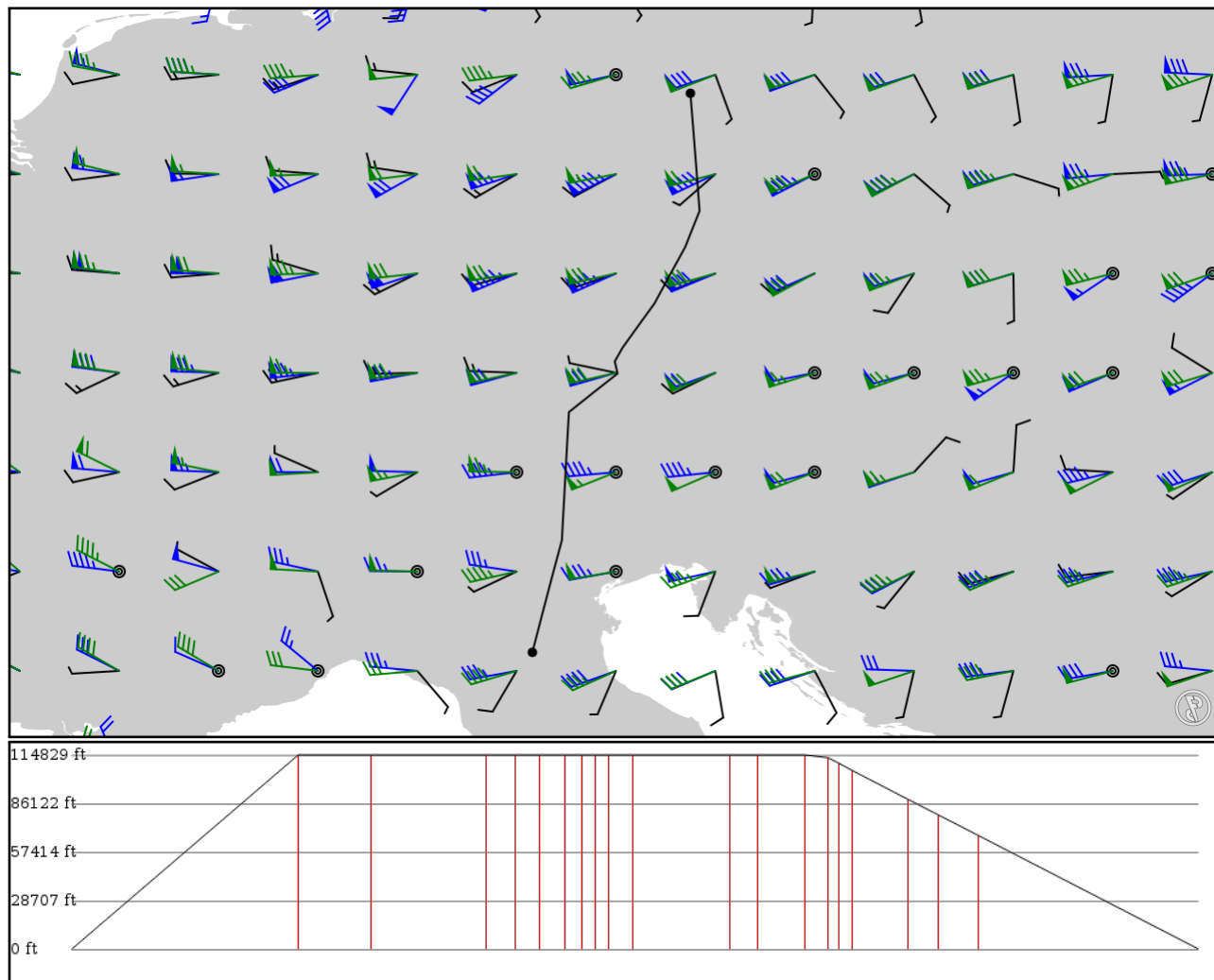
LIPE

Bologna-Borgo Panigale "Guglielmo Marconi"

2024/05/22 0901Z

EDDB MAREM **T106** TUSTO DOSEL **UM736** LIZUM **N503** LAMPO LIPE

490.44 nm / 908.29 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)	
EDDB	-	52.36230	0 ft	-		Berlin Brandenburg International Willy Brandt
APT	-	13.50070	0 m			
MAREM	-	50.71550	35,000 ft	99	-	
FIX	-	13.62880	10,668 m			
DIKVA	T106	50.21010	35,000 ft	31	-	
FIX	AWY-HI	13.42790	10,668 m			
VESUB	T106	49.41930	35,000 ft	50	-	
FIX	AWY-HI	12.99740	10,668 m			
BAGMI	T106	49.22670	35,000 ft	12	-	
FIX	AWY-HI	12.85720	10,668 m			
ODUDA	T106	49.07470	35,000 ft	10	-	
FIX	AWY-HI	12.74720	10,668 m			
NETES	T106	48.90640	35,000 ft	11	-	
FIX	AWY-HI	12.62640	10,668 m			
UNKOM	T106	48.79670	35,000 ft	7	-	
FIX	AWY-HI	12.54830	10,668 m			
MITNU	T106	48.70190	35,000 ft	6	-	
FIX	AWY-HI	12.49470	10,668 m			
TUSTO	T106	48.60830	35,000 ft	6	-	
FIX	AWY-HI	12.44170	10,668 m			
DOSEL	-	48.43860	35,000 ft	10	-	
FIX	-	12.48080	10,668 m			
MANAL	UM736	47.89940	35,000 ft	42	-	
FIX	AWY-HI	11.80000	10,668 m			
TULSI	UM736	47.70160	35,000 ft	11	-	
FIX	AWY-HI	11.78880	10,668 m			
BERAS	UM736	47.35940	35,000 ft	20	-	
FIX	AWY-HI	11.76960	10,668 m			
MIMVI	UM736	47.19170	34,500 ft	10	-	
FIX	AWY-HI	11.76030	10,516 m			
LIZUM	UM736	47.11510	33,500 ft	4	-	
FIX	AWY-HI	11.75600	10,211 m			
LIKDA	N503	47.01690	32,200 ft	5	-	
FIX	AWY-HI	11.75080	9,815 m			
BAKOR	N503	46.60890	27,000 ft	24	-	
FIX	AWY-HI	11.72860	8,230 m			
VESAL	N503	46.39000	24,200 ft	13	-	
FIX	AWY-HI	11.71640	7,376 m			
LAMPO	N503	46.10580	20,500 ft	17	-	
FIX	AWY-HI	11.70140	6,248 m			
LIPE	-	44.53560	0 ft	95		Bologna-Borgo Panigale "Guglielmo Marconi"
APT	-	11.28830	0 m			

EDDB

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

Elevation: 157 ft / 48 m
Location: 52.362300 13.500700
Magnetic Var: 4.660 E

METAR

EDDB 220820Z AUTO 07009KT 040V120 CAVOK 24/15 Q1006 NOSIG

TAF

TAF TAF EDDB 220500Z 2206/2306 09010KT 9999 SCT045 BECMG 2211/2213 20010KT TEMPO 2210/2217 24015G25KT 4500 SHRA B

Frequencies

REC - 123.77 MHz - ATIS	GND - 121.70 MHz - BERLIN GROUND E
GND - 129.50 MHz - BERLIN GROUND A	GND - 129.60 MHz - BERLIN APRON NORTH
GND - 121.85 MHz - BERLIN APRON SOUTH	TWR - 120.02 MHz - BERLIN TOWER NORTH
TWR - 118.80 MHz - BERLIN TOWER SOUTH	TWR - 118.85 MHz - BERLIN TOWER ALTERNATE
APP - 121.12 MHz - BERLIN DIRECTOR	APP - 136.10 MHz - BERLIN DIRECTOR
CLD - 121.60 MHz - BERLIN DELIVERY	APP - 119.62 MHz - BREMEN RADAR
APP - 120.62 MHz - BREMEN RADAR	APP - 126.42 MHz - BREMEN RADAR
APP - 119.50 MHz - BREMEN RADAR	APP - 134.42 MHz - BREMEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	197 ft	13,088 ft	68.74	CONCRETE	0 ft	0 ft
	60 m	3,989 m	64.08		0 m	0 m
25L	197 ft	13,088 ft	248.78	CONCRETE	0 ft	0 ft
	60 m	3,989 m	244.13		0 m	0 m
07L	148 ft	11,780 ft	68.75	ASPHALT	981 ft	0 ft
	45 m	3,591 m	64.09		299 m	0 m
25R	148 ft	11,780 ft	248.79	ASPHALT	981 ft	0 ft
	45 m	3,591 m	244.13		299 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	LOC-ILS	IBNE	110.70 MHz	18 nm	68.77	-	157 ft
				33 km	64.11		157 m
07R	LOC-ILS	IBSE	109.70 MHz	18 nm	68.77	-	157 ft
				33 km	64.11		157 m
25L	LOC-ILS	IBSW	109.50 MHz	18 nm	248.77	-	157 ft
				33 km	244.11		157 m
25R	LOC-ILS	IBNW	109.90 MHz	18 nm	248.77	-	157 ft
				33 km	244.11		157 m
07L	GS	IBNE	110.70 MHz	10 nm	68.77	3.00	157 ft
				19 km	64.11		157 m
07R	GS	IBSE	109.70 MHz	10 nm	68.77	3.00	157 ft
				19 km	64.11		157 m
25L	GS	IBSW	109.50 MHz	10 nm	248.77	3.00	157 ft
				19 km	244.11		157 m
25R	GS	IBNW	109.90 MHz	10 nm	248.77	3.00	157 ft
				19 km	244.11		157 m

LIPE

Region: ITALY
Timezone: EUROPE/ROME
Runways: 1

Elevation: 123 ft / 37 m
Location: 44.535600 11.288300
Magnetic Var: 3.635 E

METAR

LIPE 220820Z 01004KT 300V070 CAVOK 22/14 Q1011

TAF

TAF LIPE 220500Z 2206/2306 VRB05KT 9999 SCT025 TEMPO 2212/2218 4000 TSRA

Frequencies

REC - 134.87 MHz - ATIS
TWR - 120.80 MHz - BOLOGNA TOWER
APP - 129.90 MHz - BOLOGNA APPROACH
GND - 129.92 MHz - BOLOGNA GROUND
APP - 120.10 MHz - BOLOGNA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	148 ft	9,206 ft	116.79	ASPHALT	1,017 ft	243 ft
	45 m	2,806 m	113.15		310 m	74 m
30	148 ft	9,206 ft	296.81	ASPHALT	1,188 ft	180 ft
	45 m	2,806 m	293.17		362 m	55 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	BLN	108.90 MHz	18 nm	-	-	131 ft
				33 km	-		131 m
30	DME	IBBP	109.75 MHz	18 nm	-	-	123 ft
				33 km	-		123 m
12	LOC-ILS	BLN	108.90 MHz	18 nm	116.81	-	123 ft
				33 km	113.18		123 m
30	LOC-ILS	IBBP	109.75 MHz	18 nm	296.66	-	123 ft
				33 km	293.03		123 m
12	GS	BLN	108.90 MHz	10 nm	117.59	3.00	120 ft
				19 km	113.96		120 m
30	GS	IBBP	109.75 MHz	10 nm	297.75	3.50	123 ft
				19 km	294.11		123 m