

# EHAM

Amsterdam Schiphol

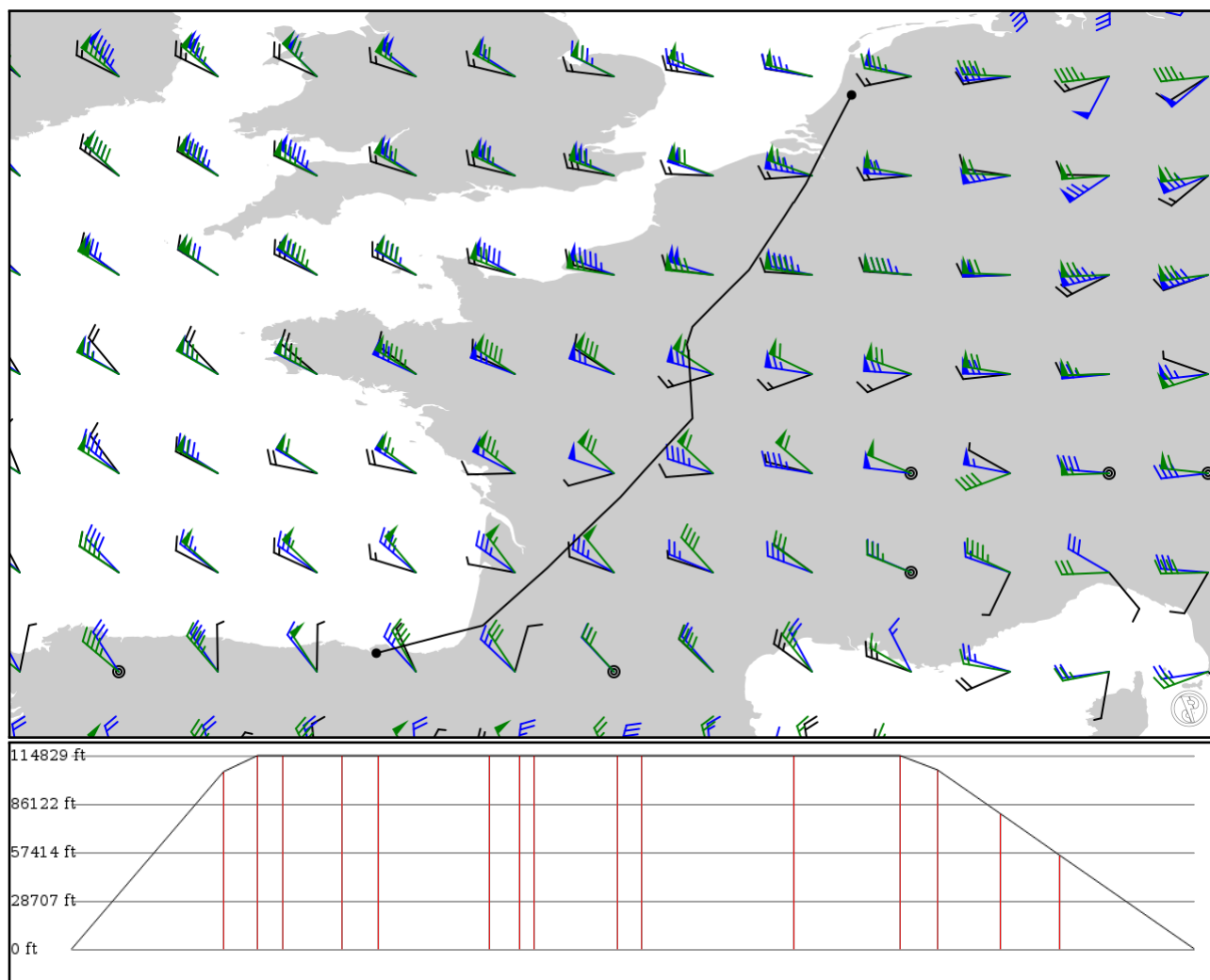
# LEBB

Bilbao

2024/06/05 0048Z

EHAM DENOX **UN872** CIV CIV **UN872** LESDO **UM728** RESMI **UN857** LMG **UN10** ENSAC **UP181** MAGEC **LEBB**

662.62 nm / 1227.17 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: no
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EHAM APT	-	52.30810 4.76417	0 ft 0 m	-	Amsterdam Schiphol
DENOX FIX	-	50.87940 4.02778	32,100 ft 9,784 m	90	-
CIV VOR	UN872 AWY-HI	50.57400 3.83287	35,000 ft 10,668 m	19	CHIEVRES
CIV DME	-	50.57230 3.82183	35,000 ft 10,668 m	0	CHIEVRES TACAN
MEDIL FIX	UN872 AWY-HI	50.34210 3.67497	35,000 ft 10,668 m	14	-
LESDO FIX	UN872 AWY-HI	49.80830 3.31806	35,000 ft 10,668 m	34	-
KOVIN FIX	UM728 AWY-HI	49.48580 3.10639	35,000 ft 10,668 m	21	-
RESMI FIX	UM728 AWY-HI	48.56860 2.19194	35,000 ft 10,668 m	65	-
DEKOD FIX	UN857 AWY-HI	48.28330 2.10000	35,000 ft 10,668 m	17	-
DISAK FIX	UN857 AWY-HI	48.13330 2.13167	35,000 ft 10,668 m	9	-
DEPOM FIX	UN857 AWY-HI	47.31780 2.17917	35,000 ft 10,668 m	49	-
DIRMO FIX	UN857 AWY-HI	47.08920 2.19222	35,000 ft 10,668 m	13	-
LMG VOR	UN857 AWY-HI	45.81590 1.02558	35,000 ft 10,668 m	90	LIMOGES
VELIN FIX	UN10 AWY-HI	44.98000 0.15556	35,000 ft 10,668 m	62	-
SAU VOR	UN10 AWY-HI	44.67680 -0.15292	32,400 ft 9,876 m	22	SAUVETERRE DE GUYENNE
ENSAC FIX	UN10 AWY-HI	44.20000 -0.69028	24,500 ft 7,468 m	36	-
MAGEC FIX	UP181 AWY-HI	43.74830 -1.19583	17,000 ft 5,182 m	34	-
LEBB APT	-	43.30170 -2.91743	0 ft 0 m	79	Bilbao

## EHAM

Region: NETHERLANDS  
Timezone: EUROPE/AMSTERDAM  
Runways: 6

Elevation: -11 ft / -3 m  
Location: 52.308100 4.764170  
Magnetic Var: 2.053 E

## METAR

EHAM 050025Z 33010KT 300V360 9999 FEW019 BKN024 11/10 Q1008 BECMG 29008KT

## TAF

TAF EHAM 042307Z 0500/0606 27016KT 9999 -RADZ BKN015 BECMG 0500/0502 29008KT NSW SCT035 PROB40 TEMPO 0500/0501 4000

## Frequencies

GND - 121.55 MHz - SCHIPHOL GROUND	GND - 121.70 MHz - SCHIPHOL GROUND
GND - 121.80 MHz - SCHIPHOL GROUND	GND - 121.90 MHz - SCHIPHOL GROUND
GND - 121.60 MHz - SCHIPHOL GROUND	TWR - 119.22 MHz - SCHIPHOL TOWER
TWR - 118.10 MHz - SCHIPHOL TOWER	TWR - 118.27 MHz - SCHIPHOL TOWER
TWR - 119.90 MHz - SCHIPHOL TOWER	APP - 118.80 MHz - AMSTERDAM RADAR
APP - 120.55 MHz - AMSTERDAM RADAR	APP - 127.78 MHz - AMSTERDAM RADAR
APP - 119.05 MHz - SCHIPHOL APPROACH	APP - 118.08 MHz - SCHIPHOL APPROACH
APP - 126.68 MHz - SCHIPHOL APPROACH	APP - 118.40 MHz - SCHIPHOL ARRIVAL
APP - 131.15 MHz - SCHIPHOL ARRIVAL	DEP - 121.20 MHz - SCHIPHOL DEPARTURE
REC - 122.20 MHz - SCHIPHOL ATIS	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	145 ft	11,319 ft	86.77	ASPHALT	325 ft	0 ft
	44 m	3,450 m	84.72		99 m	0 m
27	145 ft	11,319 ft	266.81	ASPHALT	0 ft	0 ft
	44 m	3,450 m	264.76		0 m	0 m
18L	150 ft	11,150 ft	183.24	ASPHALT	1,886 ft	0 ft
	46 m	3,399 m	181.19		575 m	0 m
36R	150 ft	11,150 ft	3.24	ASPHALT	0 ft	0 ft
	46 m	3,399 m	1.19		0 m	0 m
18C	145 ft	10,813 ft	183.22	ASPHALT	0 ft	0 ft
	44 m	3,296 m	181.16		0 m	0 m
36C	145 ft	10,813 ft	3.22	ASPHALT	1,473 ft	0 ft
	44 m	3,296 m	1.16		449 m	0 m
18R	190 ft	12,467 ft	183.19	ASPHALT	886 ft	0 ft
	58 m	3,800 m	181.14		270 m	0 m
36L	190 ft	12,467 ft	3.19	ASPHALT	0 ft	0 ft
	58 m	3,800 m	1.14		0 m	0 m
06	150 ft	11,288 ft	57.85	ASPHALT	814 ft	0 ft
	46 m	3,441 m	55.80		248 m	0 m
24	150 ft	11,288 ft	237.89	ASPHALT	0 ft	0 ft
	46 m	3,441 m	235.84		0 m	0 m
04	140 ft	6,624 ft	41.18	ASPHALT	0 ft	0 ft
	43 m	2,019 m	39.13		0 m	0 m
22	140 ft	6,624 ft	221.20	ASPHALT	0 ft	0 ft
	43 m	2,019 m	219.15		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	KAG	110.55 MHz	18 nm 33 km	- -	-	-11 ft -11 m
18R	DME	VPB	110.10 MHz	18 nm 33 km	- -	-	-11 ft -11 m
22	DME	SCH	109.15 MHz	18 nm 33 km	- -	-	-11 ft -11 m
27	DME	BVB	111.55 MHz	18 nm 33 km	- -	-	-11 ft -11 m
36C	DME	MSA	108.75 MHz	18 nm 33 km	- -	-	-11 ft -11 m
36R	DME	ABA	111.95 MHz	18 nm 33 km	- -	-	-11 ft -11 m
06	LOC-ILS	KAG	110.55 MHz	18 nm 33 km	57.88 55.83	-	-11 ft -11 m
18C	LOC-ILS	ZWA	109.50 MHz	18 nm 33 km	183.22 181.17	-	-11 ft -11 m
18R	LOC-ILS	VPB	110.10 MHz	18 nm 33 km	183.19 181.14	-	-11 ft -11 m
22	LOC-ILS	SCH	109.15 MHz	18 nm 33 km	221.20 219.15	-	-11 ft -11 m
27	LOC-ILS	BVB	111.55 MHz	18 nm 33 km	266.79 264.74	-	-11 ft -11 m
36C	LOC-ILS	MSA	108.75 MHz	18 nm 33 km	3.22 1.17	-	-11 ft -11 m
36R	LOC-ILS	ABA	111.95 MHz	18 nm 33 km	3.24 1.19	-	-11 ft -11 m
06	GS	KAG	110.55 MHz	10 nm 19 km	57.88 55.83	3.00	-11 ft -11 m
18C	GS	ZWA	109.50 MHz	10 nm 19 km	183.22 181.17	3.00	-11 ft -11 m
18R	GS	VPB	110.10 MHz	10 nm 19 km	183.19 181.14	3.00	-11 ft -11 m
22	GS	SCH	109.15 MHz	10 nm 19 km	221.20 219.15	3.00	-11 ft -11 m
27	GS	BVB	111.55 MHz	10 nm 19 km	266.79 264.74	3.00	-11 ft -11 m
36C	GS	MSA	108.75 MHz	10 nm 19 km	3.22 1.17	3.00	-11 ft -11 m
36R	GS	ABA	111.95 MHz	10 nm 19 km	3.24 1.19	3.00	-11 ft -11 m

## LEBB

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 2

Elevation: 136 ft / 41 m  
Location: 43.301700 -2.917430  
Magnetic Var: 0.180 E

## METAR

LEBB 050030Z AUTO 09003KT CAVOK 15/14 Q1016

## TAF

TAF LEBB 042300Z 0500/0524 08007KT 9999 FEW025 TX29/0515Z TN12/0505Z

## Frequencies

TWR - 118.50 MHz - BILBAO TOWER  
APP - 120.70 MHz - BILBAO APPROACH

GND - 121.70 MHz - BILBAO GROUND  
REC - 118.82 MHz - ATIS

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	6,264 ft	96.65	ASPHALT	0 ft	0 ft
	45 m	1,909 m	96.47		0 m	0 m
28	148 ft	6,264 ft	276.67	ASPHALT	1,808 ft	0 ft
	45 m	1,909 m	276.49		551 m	0 m
12	148 ft	8,520 ft	116.73	ASPHALT	0 ft	194 ft
	45 m	2,597 m	116.55		0 m	59 m
30	148 ft	8,520 ft	296.75	ASPHALT	1,496 ft	187 ft
	45 m	2,597 m	296.57		456 m	57 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	IBO	111.55 MHz	13 nm	-	-	133 ft
				24 km	-		133 m
30	DME	IBL	110.30 MHz	13 nm	-	-	132 ft
				24 km	-		132 m
12	LOC-ILS	IBO	111.55 MHz	18 nm	116.73	-	137 ft
				33 km	116.55		137 m
30	LOC-ILS	IBL	110.30 MHz	18 nm	296.73	-	137 ft
				33 km	296.55		137 m
12	GS	IBO	111.55 MHz	10 nm	116.73	3.10	137 ft
				19 km	116.55		137 m
30	GS	IBL	110.30 MHz	10 nm	296.73	3.40	137 ft
				19 km	296.55		137 m