LEBB - Bilbao

Airport details

State	Autonomous Community of the Basque Count
Country	Spain
Region	LE
Elevation	136ft (41m)
Timezone	GMT +1
Coordinates	43.30103, -2.92257
Type	land
ICAO code	LEBB
IATA code	BIO
FAA code	n/a

Runway info

Runway 10 / 28	
length	1912m (6273ft)
bearing	95° / 275°
width	45m (148ft)
surface	asphalt
displacement threshold	0m (0ft) / 560m (1837ft)
blast zone	144m (472ft) / 0m (0ft)
Runway 12 / 30	
length	2591m (8501ft)
bearing	110° / 290°
width	45m (148ft)
surface	asphalt
displacement threshold	0m (0ft) / 459m (1506ft)
blast zone	67m (220ft) / 60m (197ft)

Communication

Bilbao BILBAO ATIS	118.825
Bilbao BILBAO GND	121.700
Bilbao BILBAO ATIS	118.825
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Bilbao BILBAO ATIS	118.825
Bilbao BILBAO GND	121.700
Bilbao BILBAO TWR	118.500
Bilbao BILBAO TWR	118.500
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Bilbao BILBAO TWR	118.500
Bilbao BILBAO APP	127.450

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Bilbao BILBAO DEP	128.575
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Approach frequencies

ILS-cat-I	30	110.3	18.00mi
ILS-cat-I	12	111.55	18.00mi
3.4° GS	30	110.3	18.00mi
3.1° GS	12	111.55	18.00mi

Nearby beacons

code	identifier	dist	bearing	frequency
BLV	BILBAO VOR/DME	0.6	284.1°	115.90
B	BILBAO NDB	6.5	302.5°	395
VTA	VITORIA NDB	24.8	146.9°	345
VFD	VITORIA-FORONDA VOR/DME	26.7	154.7°	112.90
VT	VITORIA NDB	30.4	166.6°	308
VRA	VITORIA VOR/DME	34.2	174.2°	116.60
SA	SANTANDER NDB	41.2	278.2°	416
SNR	SANTANDER VOR/DME	43.6	278.6°	115.30
DGO	DOMINGO VOR/DME	50.9	177.1°	112.60
LPA	LOGRONO VOR/DME	56.8	144.6°	115.45
EAG	LOGRONO NDB	57.6	144.4°	399
BUR	BURGOS VOR/DME	64.4	216.1°	111.40

Departure and arrival routes

Transition altitude 6000ft

SID end points		distance	outbound direction
RW10			
	BISK2R	23.4	16°
	SSN1R	47.7	89°
	PPN1R	63.5	115°
	AMTO2R, AMTO2X	22.3	225°
	CALC3R	17.6	279°
	DOSU2R	28.5	314°
	MAPA2R	23.5	342°
RW12			
	BISK4B	23.4	16°
	SSN2B	47.7	89°
	PPN2G, PPN1H	63.5	115°

	AMTO4B, AMTO4D	22.3	225°
	CALC4B	17.6	279°
	DOSU3B	28.5	314°
	MAPA3B	23.5	342°
RW28			
	BISK2S	23.4	16°
	SSN1S	47.7	89°
	PPN1S	63.5	115°
	AMTO2S	22.3	225°
	CALC3S	17.6	279°
	DOSU2S	28.5	314°
	MAPA2S	23.5	342°
RW30			
	BISK4A	23.4	16°
	SSN2A, SSN2C	47.7	89°
	PPN2E, PPN2F	63.5	115°
	AMTO4C, AMTO3A	22.3	225°
	CALC5A	17.6	279°
	DOSU3A	28.5	314°
	MAPA3A	23.5	342°

STAR starting points	**distance**	**inbound direction**
RW12		
SNR3T, SNR3Z	43.6	99°
DOSU2T, DOSU2Z	28.5	134°
MAPA2T, MAPA2Z	23.5	162°
CEGA3T	35.6	295°
DGO1T	34.2	354°
RW30		
SNR3K, SNR3Q	43.6	99°
DOSU3K, DOSU3Q	28.5	134°
MAPA2Q, MAPA2K	23.5	162°
DGO1Q, DGO1L, CEGA2Q, CEGA2K	35.6	295°

Holding patterns

STAR name	**hold at**	**type**	**turn**	**heading***	**altitude**	**leg**	**speed limit**
CEGA2K	ALBIZ	VHF	right	111 (291)°	> 6000ft	DME 4.0mi	ICAO rules
CEGA2Q	SARRA	VHF	right	117 (297)°	> 6000ft	DME 4.0mi	ICAO rules
CEGA3T	BLV	NDB	left	121 (301)°	> 5000ft	DME 6.0mi	ICAO rules
DGO1L	ALBIZ	VHF	right	111 (291)°	> 6000ft	DME 4.0mi	ICAO rules
DGO1Q	SARRA	VHF	right	117 (297)°	> 6000ft	DME 4.0mi	ICAO rules
DGO1T	BLV	NDB	left	121 (301)°	> 5000ft	DME 6.0mi	ICAO rules
DGO1Z	SUNIR	VHF	left	301 (121)°	> 4000ft	DME 4.0mi	ICAO rules
DGO2X	ROSTO	VHF	left	304 (124)°	> 4000ft	DME 4.0mi	ICAO rules
DOSU2T	SUNIR	VHF	left	301 (121)°	> 4000ft	DME 4.0mi	ICAO rules
DOSU2Z	ROSTO	VHF	left	304 (124)°	> 4000ft	DME 4.0mi	ICAO rules

DOSU3K	ALBIZ	VHF	right	111 (291)°	> 6000ft	DME 4.0mi	ICAO rules
DOSU3Q	SARRA	VHF	right	117 (297)°	> 6000ft	DME 4.0mi	ICAO rules
MAPA2Q	SARRA	VHF	right	117 (297)°	> 6000ft	DME 4.0mi	ICAO rules
MAPA2T	SUNIR	VHF	left	301 (121)°	> 4000ft	DME 4.0mi	ICAO rules
MAPA2Z	ROSTO	VHF	left	304 (124)°	> 4000ft	DME 4.0mi	ICAO rules
SNR3K	ALBIZ	VHF	right	111 (291)°	> 6000ft	DME 4.0mi	ICAO rules
SNR3Q	SARRA	VHF	right	117 (297)°	> 6000ft	DME 4.0mi	ICAO rules
SNR3T	SUNIR	VHF	left	301 (121)°	> 4000ft	DME 4.0mi	ICAO rules
SNR3Z	ROSTO	VHF	left	304 (124)°	> 4000ft	DME 4.0mi	ICAO rules

*) magnetic outbound (inbound) holding course

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