

EHAM

Amsterdam Schiphol

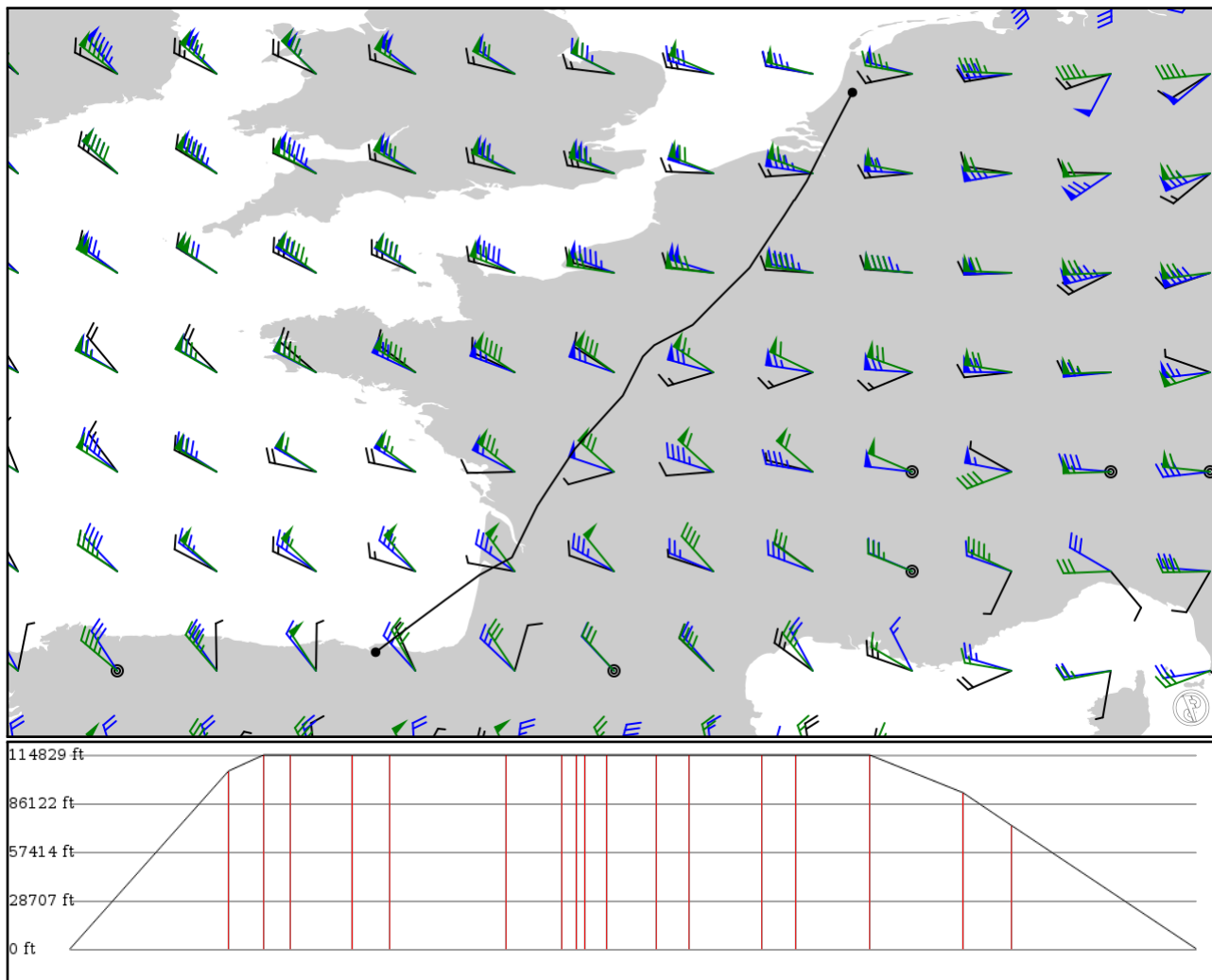
LEBB

Bilbao

2024/06/05 0521Z

EHAM DENOX **UN872** CIV CIV **UN872** LESDO **UM728** RESMI ODILO **R10** AMB **B19** CNA **UL176** BMC SOMOS **LEBB**

637.44 nm / 1180.54 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 |
|---------------|-----------------|----------------------|-----------------------|--------------|-----------------------|
| 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 | - |
| ODILO FIX | - | 48.24170 1.57164 | 35,000 ft 10,668 m | 31 | - |
| SOTIP FIX | R10 AWY-LO | 48.13140 1.45989 | 35,000 ft 10,668 m | 7 | - |
| CAD VOR | R10 AWY-LO | 48.05920 1.38708 | 35,000 ft 10,668 m | 5 | CHATEAUDUN |
| DOMOD FIX | R10 AWY-LO | 47.86280 1.28583 | 35,000 ft 10,668 m | 12 | - |
| AMB VOR | R10 AWY-LO | 47.42890 1.06444 | 35,000 ft 10,668 m | 27 | AMBOISE |
| OMARI FIX | B19 AWY-LO | 47.16670 0.82472 | 35,000 ft 10,668 m | 18 | - |
| POI VOR | B19 AWY-LO | 46.58100 0.29819 | 35,000 ft 10,668 m | 41 | POITIERS BIARDS |
| VERAC FIX | B19 AWY-LO | 46.29030 0.10472 | 35,000 ft 10,668 m | 19 | - |
| CNA VOR | B19 AWY-LO | 45.65960 -0.31164 | 35,000 ft 10,668 m | 41 | COGNAC CHATEAUBERNARD |
| BMC VOR | UL176 AWY-HI | 44.82690 -0.72111 | 28,200 ft 8,595 m | 52 | BORDEAUX MERIGNAC |
| SOMOS FIX | - | 44.54860 -1.23917 | 22,300 ft 6,797 m | 27 | - |
| LEBB APT | - | 43.30170 -2.91743 | 0 ft 0 m | 104 | 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 050455Z 28007KT 260V320 9999 FEW024 12/09 Q1010 NOSIG

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 050500Z 09003KT 040V140 CAVOK 14/13 Q1015 NOSIG

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 |